

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107794.D
 Acq On : 30 Jul 2018 12:10
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 30 13:07:12 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	147032	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	524243	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	302040	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	648348	20.00	ng	0.00
75) Chrysene-d12	14.15	240	514921	20.00	ng	0.00
86) Perylene-d12	15.68	264	422147	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	363818	39.78	ng	0.00
7) Phenol-d6	6.61	99	551267	50.20	ng	0.00
23) Nitrobenzene-d5	7.53	82	542759	69.87	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	209287	60.93	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1177539	59.28	ng	0.00
78) Terphenyl-d14	13.08	244	1213002	60.31	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.81	88	68321	16.051	ng	# 84
3) Pyridine	3.63	79	138919	11.997	ng	# 83
4) n-Nitrosodimethylamine	3.60	42	17118	3.505	ng	# 76
6) Aniline	6.64	93	275624	19.462	ng	# 70
8) 2-Chlorophenol	6.75	128	262215	26.764	ng	96
9) Benzaldehyde	6.52	77	127770	17.792	ng	96
10) Phenol	6.62	94	343214	26.577	ng	91
11) bis(2-Chloroethyl)ether	6.70	93	293644	27.427	ng	98
12) 1,3-Dichlorobenzene	6.90	146	278729	25.092	ng	98
13) 1,4-Dichlorobenzene	6.98	146	323243	28.391	ng	99
14) 1,2-Dichlorobenzene	7.13	146	309531	30.295	ng	99
15) Benzyl Alcohol	7.11	79	169171	22.605	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	442200	24.482	ng	68
17) 2-Methylphenol	7.22	107	200902	24.126	ng	# 79
18) Hexachloroethane	7.47	117	113389	28.395	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	186344	26.269	ng	95
20) 3+4-Methylphenols	7.38	107	236777	23.946	ng	# 55
22) Acetophenone	7.37	105	378844	30.771	ng	# 91
24) Nitrobenzene	7.55	77	265761	29.870	ng	98
25) Isophorone	7.78	82	442598	26.685	ng	99
26) 2-Nitrophenol	7.87	139	121421	32.317	ng	99
27) 2,4-Dimethylphenol	7.90	122	144192	20.275	ng	97
28) bis(2-Chloroethoxy)methane	7.99	93	234243	21.133	ng	99
29) 2,4-Dichlorophenol	8.11	162	183229	25.206	ng	97
30) 1,2,4-Trichlorobenzene	8.18	180	212586	26.038	ng	99
31) Naphthalene	8.27	128	639723	27.750	ng	99
32) Benzoic acid	8.02	122	55331	12.700	ng	86
33) 4-Chloroaniline	8.32	127	262883	26.090	ng	97
34) Hexachlorobutadiene	8.37	225	136638	28.165	ng	97
35) Caprolactam	8.68	113	52645	22.266	ng	# 78
36) 4-Chloro-3-methylphenol	8.81	107	206833	25.615	ng	97
37) 2-Methylnaphthalene	8.95	142	438079	27.423	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	270892	26.889	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	78673	15.362	ng	95

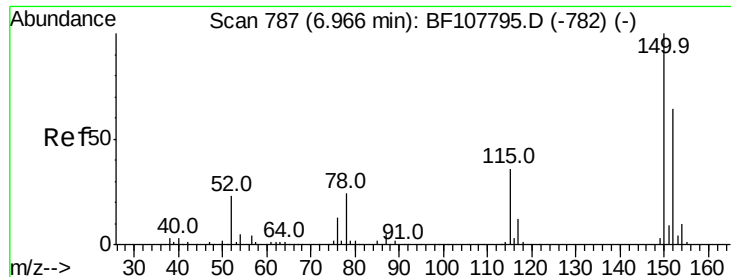
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	143462	22.248	ng	97
43) 2,4,5-Trichlorophenol	9.29	196	176734	26.224	ng	95
45) 1,1'-Biphenyl	9.42	154	720562	27.386	ng	99
46) 2-Chloronaphthalene	9.45	162	547136	27.205	ng	98
47) 2-Nitroaniline	9.56	65	165213	28.178	ng	93
48) Acenaphthylene	9.87	152	823316	27.252	ng	100
49) Dimethylphthalate	9.71	163	583664	25.640	ng	99
50) 2,6-Dinitrotoluene	9.79	165	127210	28.147	ng	92
51) Acenaphthene	10.04	154	462882	24.453	ng	99
52) 3-Nitroaniline	9.98	138	157629	28.669	ng	96
53) 2,4-Dinitrophenol	10.10	184	39865	27.359	ng #	49
54) Dibenzofuran	10.21	168	742996	26.662	ng	99
55) 4-Nitrophenol	10.17	139	35226	8.557	ng	90
56) 2,4-Dinitrotoluene	10.20	165	166666	30.550	ng #	90
57) Fluorene	10.55	166	572316	28.787	ng	94
58) 2,3,4,6-Tetrachlorophenol	10.33	232	160147	28.552	ng #	82
59) Diethylphthalate	10.41	149	619504	26.058	ng	99
60) 4-Chlorophenyl-phenylether	10.54	204	315077	28.033	ng	91
61) 4-Nitroaniline	10.60	138	139363	30.169	ng	95
62) Azobenzene	10.70	77	563086	25.259	ng	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	80662	29.722	ng	91
65) n-Nitrosodiphenylamine	10.67	169	535813	24.334	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	193437	25.345	ng #	86
67) Hexachlorobenzene	11.10	284	207682	24.731	ng #	87
68) Atrazine	11.18	200	163079	24.257	ng	96
69) Pentachlorophenol	11.31	266	91689	17.480	ng	97
70) Phenanthrene	11.52	178	775784	24.555	ng	99
71) Anthracene	11.58	178	900309	28.302	ng	98
72) Carbazole	11.74	167	897299	27.126	ng	98
73) Di-n-butylphthalate	12.04	149	987121	26.359	ng	99
74) Fluoranthene	12.72	202	924508	27.269	ng	95
76) Benzidine	12.85	184	397789	26.825	ng	99
77) Pyrene	12.95	202	928806	26.371	ng	98
79) Butylbenzylphthalate	13.55	149	401034	26.476	ng	92
80) Benzo(a)anthracene	14.14	228	715561	23.713	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	290181	30.370	ng	99
82) Chrysene	14.18	228	771510	26.616	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	504898	23.624	ng	99
84) Di-n-octyl phthalate	14.72	149	785793	23.654	ng	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	510713	20.789	ng #	92
87) Benzo(b)fluoranthene	15.22	252	554983	24.021	ng	97
88) Benzo(k)fluoranthene	15.25	252	628612	27.771	ng	97
89) Benzo(a)pyrene	15.62	252	532932	25.217	ng	98
90) Dibenzo(a,h)anthracene	17.28	278	438925	24.026	ng #	96
91) Benzo(g,h,i)perylene	17.75	276	410659	22.789	ng #	90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.97 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF107794.D

Acq: 30 Jul 2018 12:10

Instrument :

BNA_F

ClientSampleId :

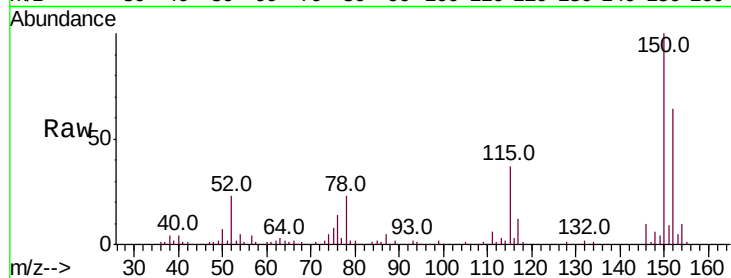
Tot Ion:152 Resp: 147032

Ion Ratio Lower Upper

152 100

150 157.2 124.6 186.8

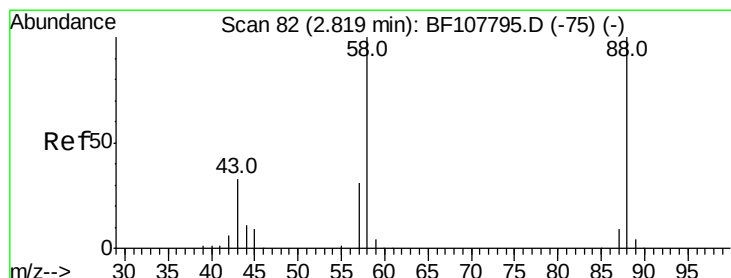
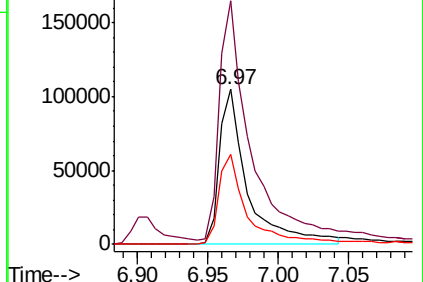
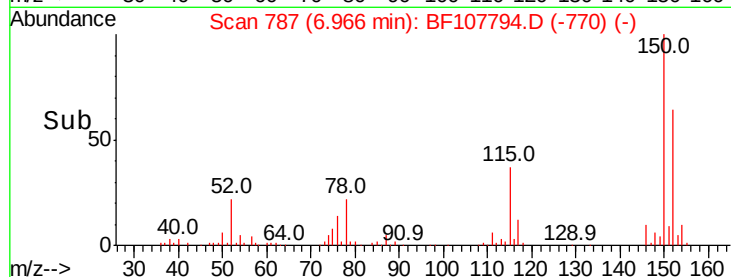
115 58.4 50.1 75.1



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: 16.051 ng

RT: 2.81 min Scan# 81

Delta R.T. -0.01 min

Lab File: BF107794.D

Acq: 30 Jul 2018 12:10

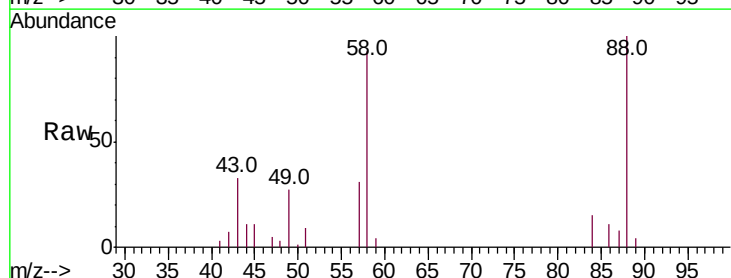
Tgt Ion: 88 Resp: 68321

Ion Ratio Lower Upper

88 100

58 96.0 62.6 93.8#

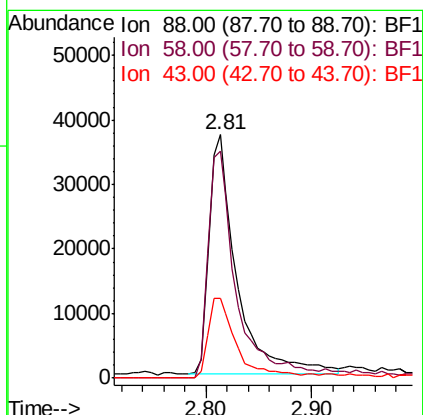
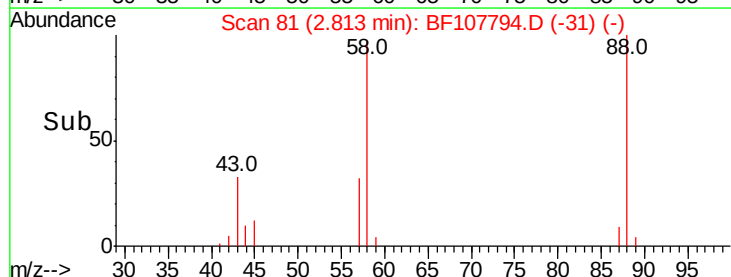
43 34.1 24.6 37.0

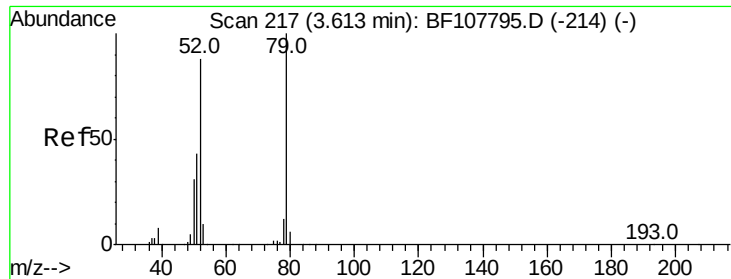


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 11.997 ng

RT: 3.63 min Scan# 219

Delta R.T. 0.01 min

Lab File: BF107794.D

Acq: 30 Jul 2018 12:10

Instrument :

BNA_F

ClientSampleId :

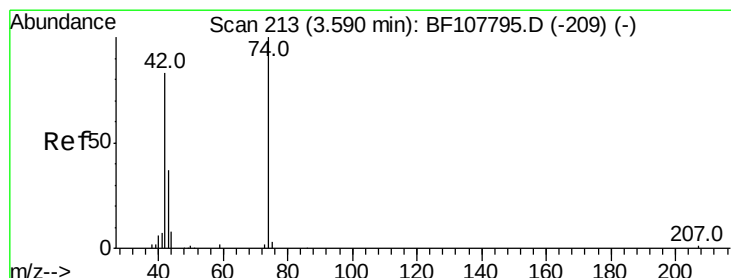
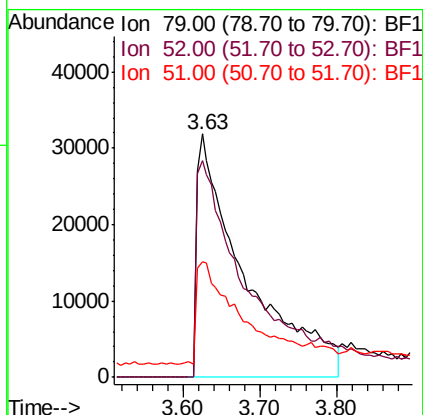
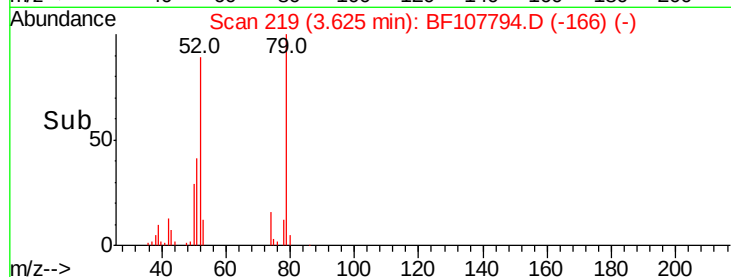
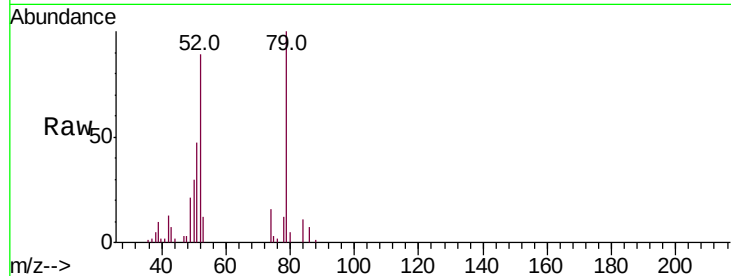
Tot Ion: 79 Resp: 138919

Ion Ratio Lower Upper

79 100

52 89.1 59.8 89.6

51 47.2 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 3.505 ng

RT: 3.60 min Scan# 215

Delta R.T. 0.01 min

Lab File: BF107794.D

Acq: 30 Jul 2018 12:10

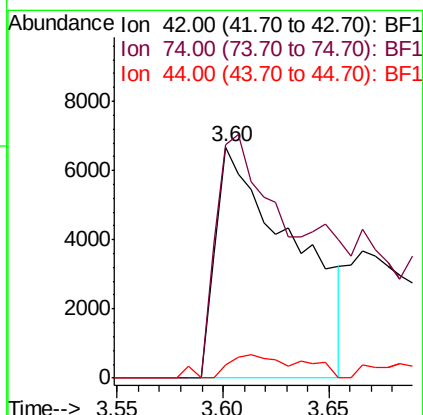
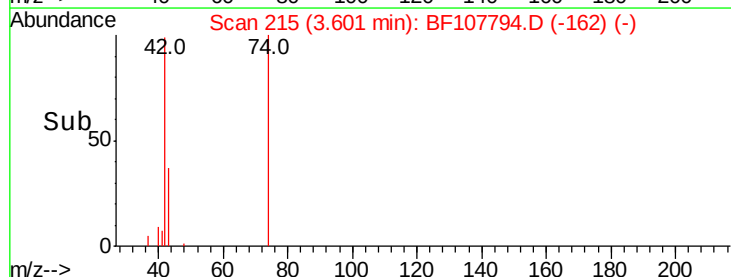
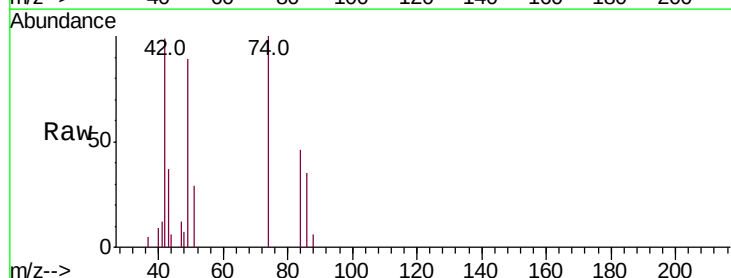
Tgt Ion: 42 Resp: 17118

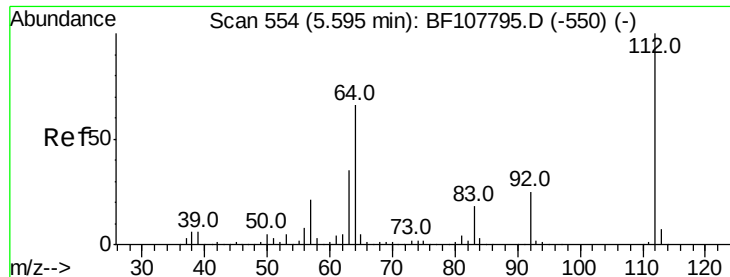
Ion Ratio Lower Upper

42 100

74 101.2 104.9 157.3#

44 5.9 6.9 10.3#





#5

2-Fluorophenol

Concen: 39.784 ng

RT: 5.60 min Scan# 555

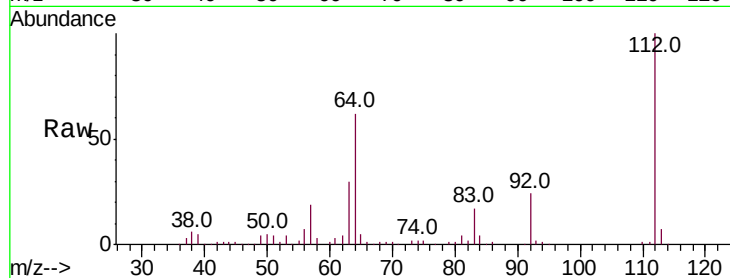
Delta R.T. 0.01 min

Lab File: BF107794.D

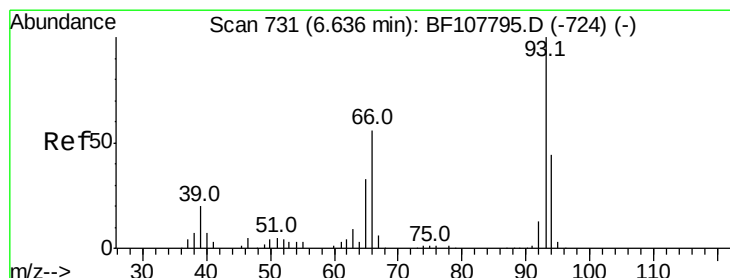
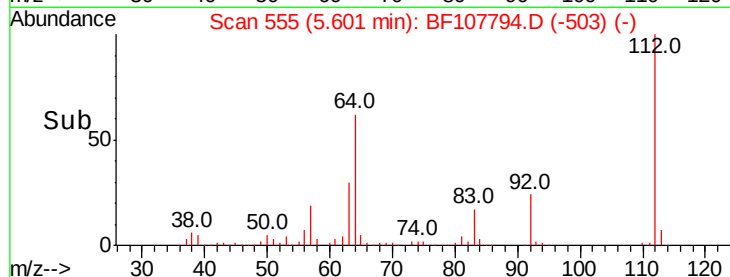
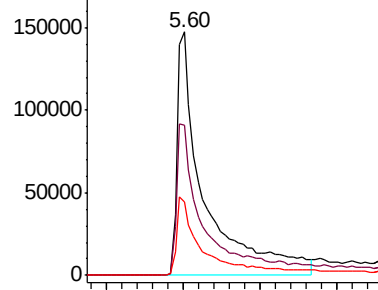
Acq: 30 Jul 2018 12:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	363818
Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.9	71.9
63	30.2	23.7	35.5



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



#6

Aniline

Concen: 19.462 ng

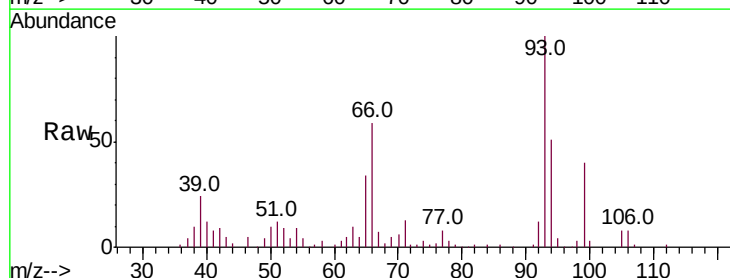
RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

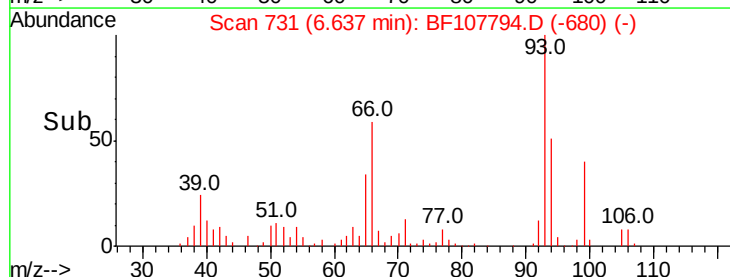
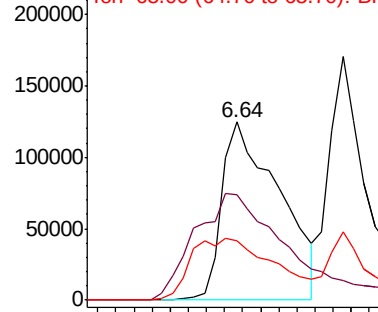
Lab File: BF107794.D

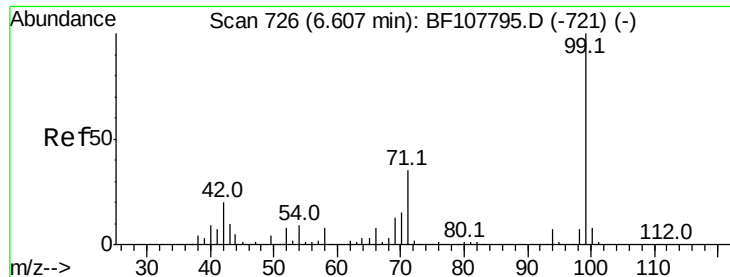
Acq: 30 Jul 2018 12:10

Tgt Ion:	93	Resp:	275624
Ion	Ratio	Lower	Upper
93	100		
66	58.9	32.2	48.2#
65	33.6	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 50.204 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107794.D

Acq: 30 Jul 2018 12:10

Instrument :

BNA_F

ClientSampleId :

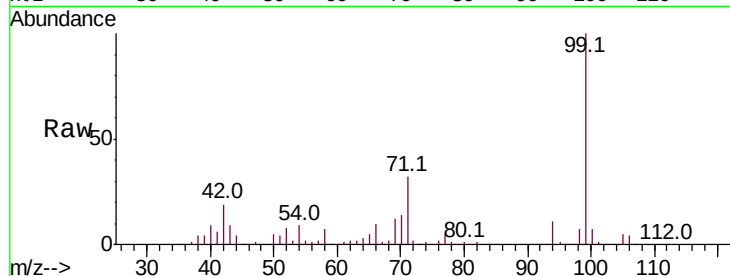
Tot Ion: 99 Resp: 551267

Ion Ratio Lower Upper

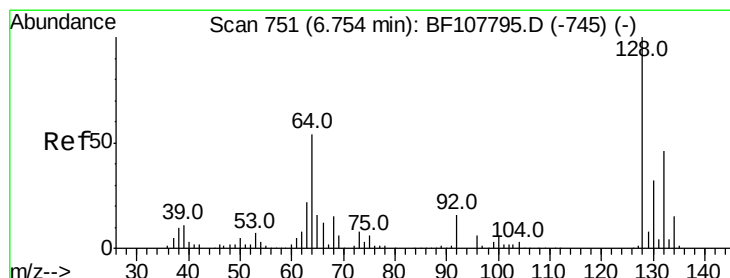
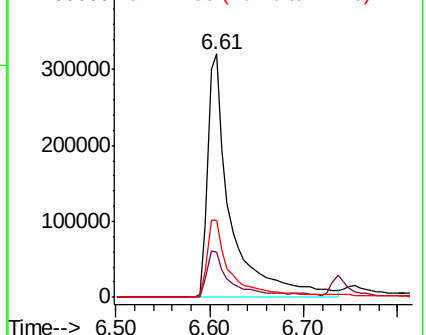
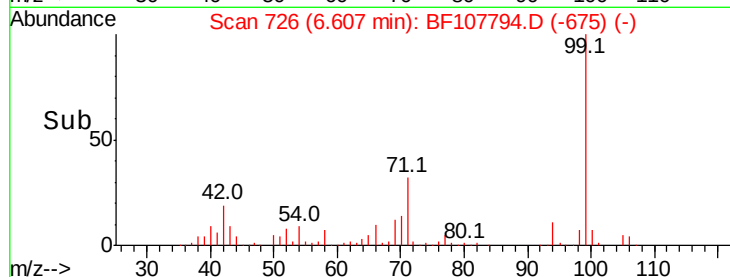
99 100

42 18.7 14.5 21.7

71 31.7 25.4 38.0



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



#8

2-Chlorophenol

Concen: 26.764 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF107794.D

Acq: 30 Jul 2018 12:10

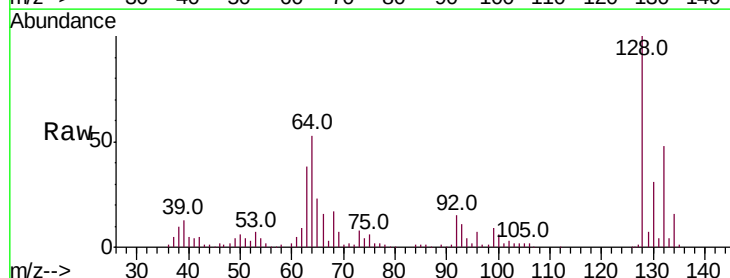
Tgt Ion: 128 Resp: 262215

Ion Ratio Lower Upper

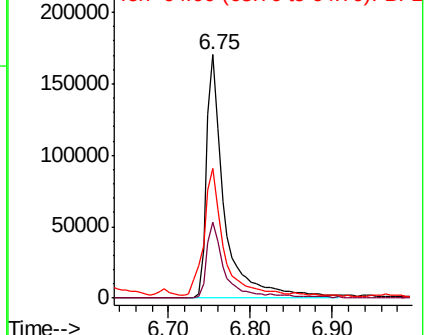
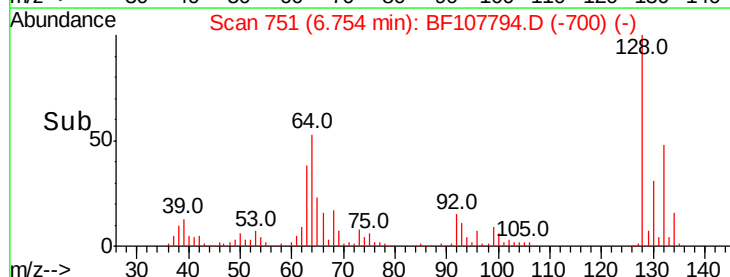
128 100

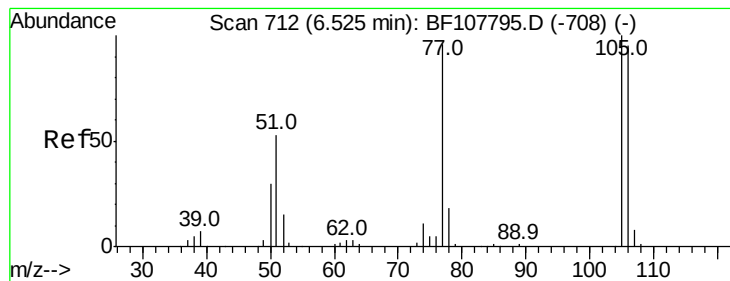
130 31.4 13.0 53.0

64 53.2 29.4 69.4



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





#9

Benzaldehyde

Concen: 17.792 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF107794.D

Acq: 30 Jul 2018 12:10

Instrument :

BNA_F

ClientSampleId :

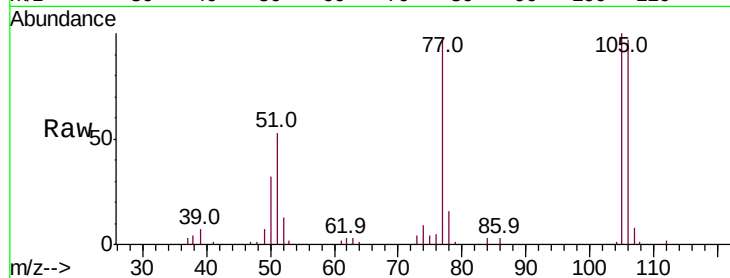
Tot Ion: 77 Resp: 127770

Ion Ratio Lower Upper

77 100

105 103.5 81.1 121.1

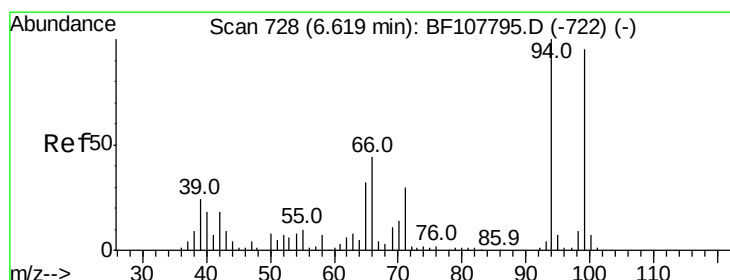
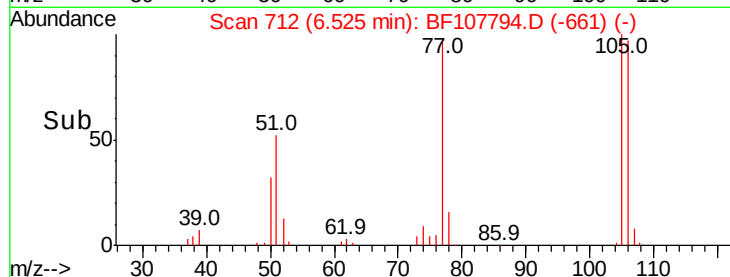
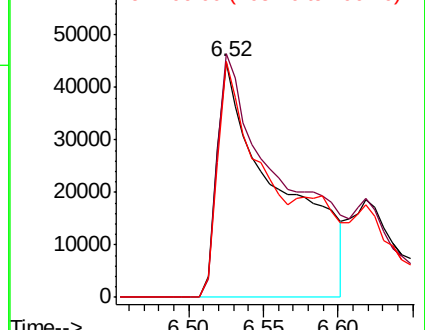
106 100.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 26.577 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF107794.D

Acq: 30 Jul 2018 12:10

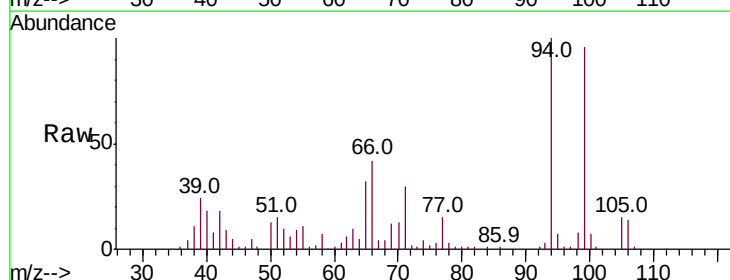
Tgt Ion: 94 Resp: 343214

Ion Ratio Lower Upper

94 100

65 32.3 7.9 47.9

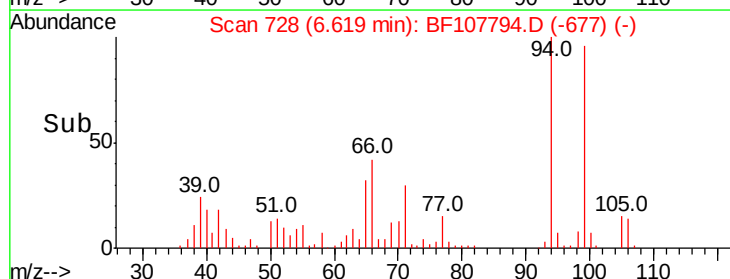
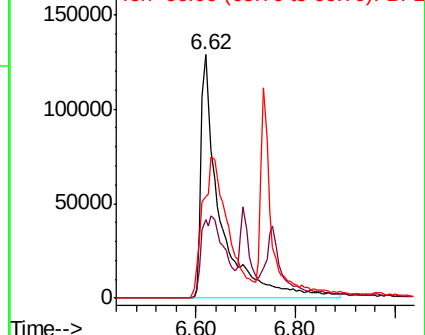
66 41.9 16.2 56.2

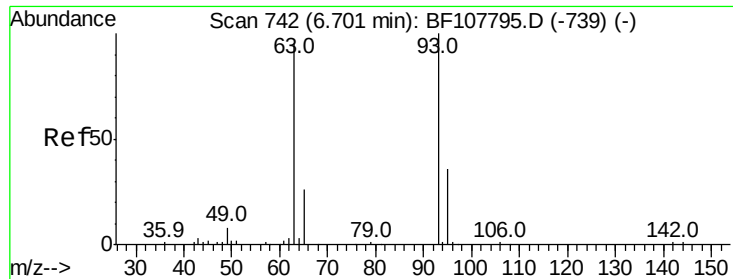


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 27.427 ng

RT: 6.70 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF107794.D

Acq: 30 Jul 2018 12:10

Instrument :

BNA_F

ClientSampleId :

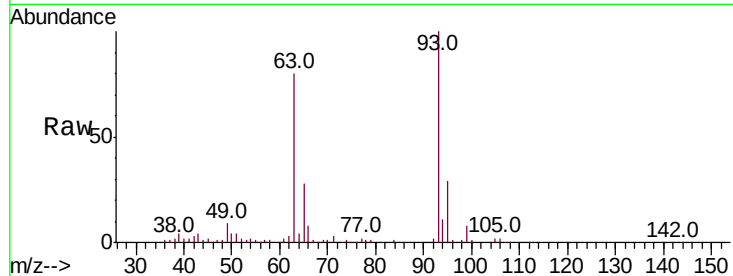
Tot Ion: 93 Resp: 293644

Ion Ratio Lower Upper

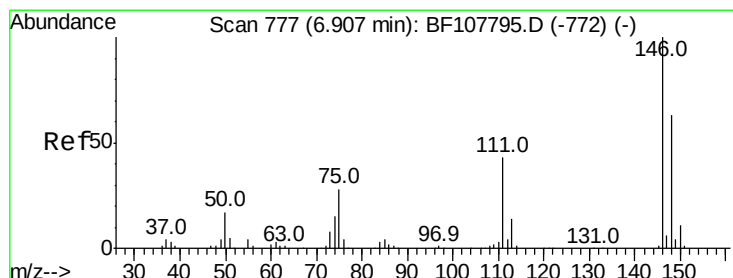
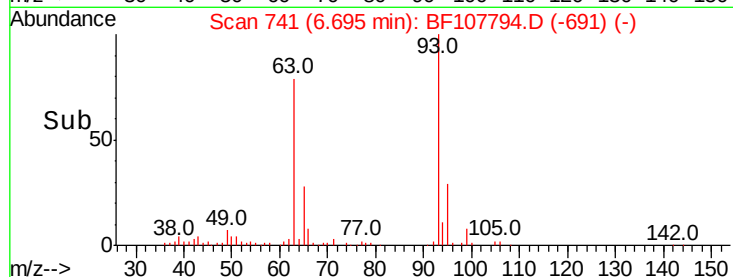
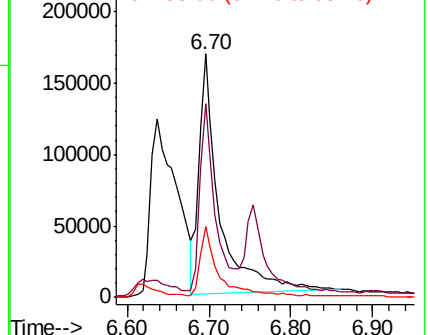
93 100

63 79.7 58.6 98.6

95 29.3 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 25.092 ng

RT: 6.90 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF107794.D

Acq: 30 Jul 2018 12:10

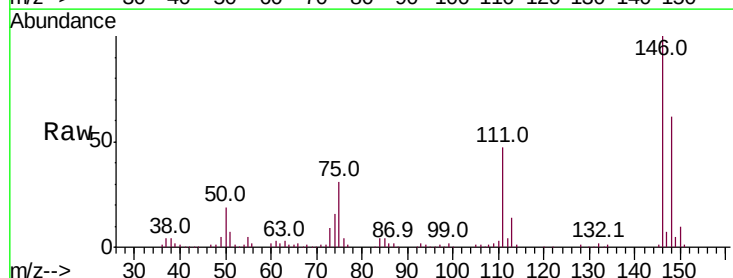
Tgt Ion: 146 Resp: 278729

Ion Ratio Lower Upper

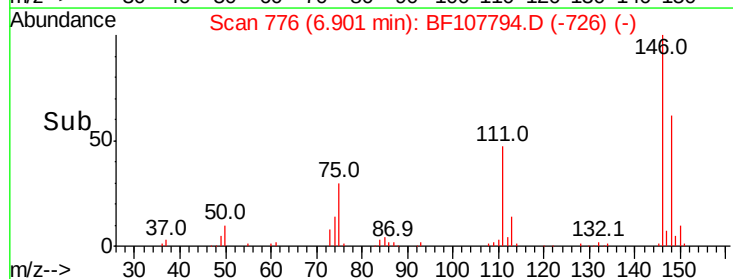
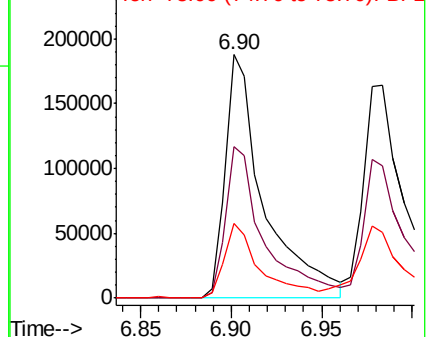
146 100

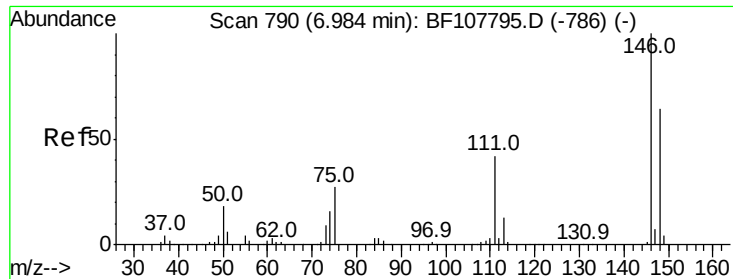
148 62.2 51.8 77.8

75 30.6 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

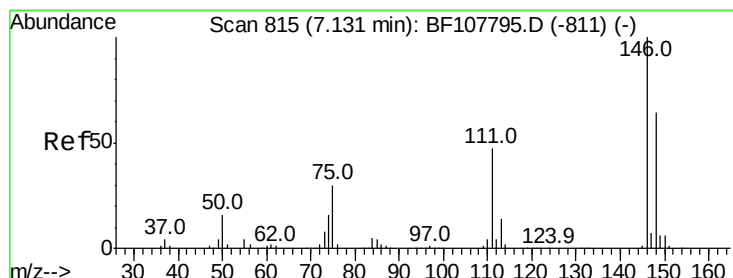
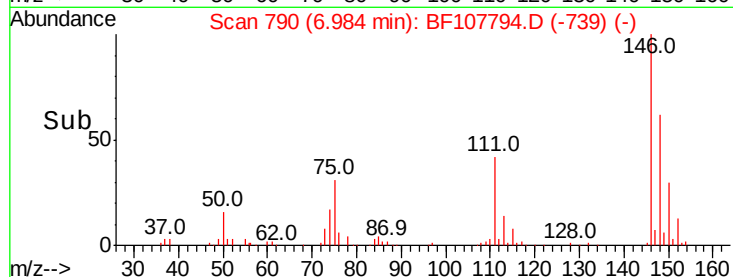
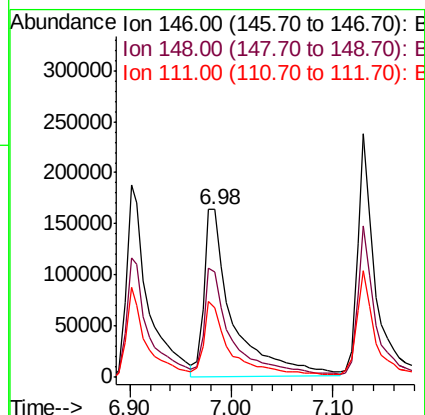
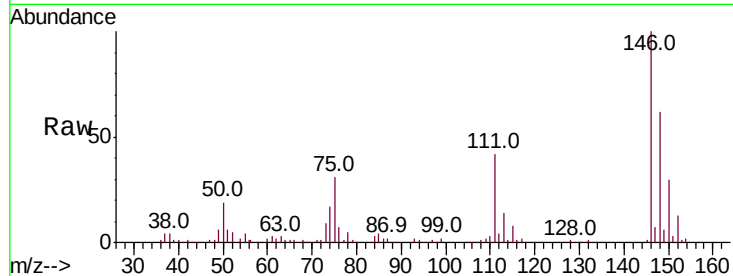




#13
 1,4-Dichlorobenzene
 Concen: 28.391 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

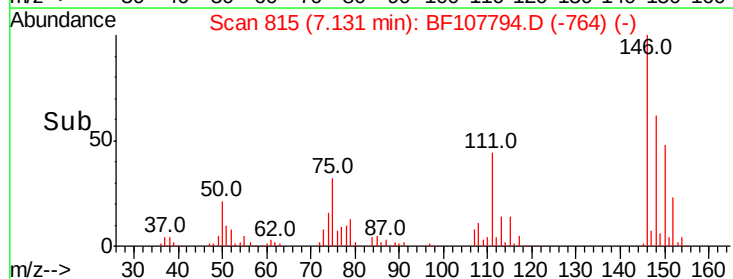
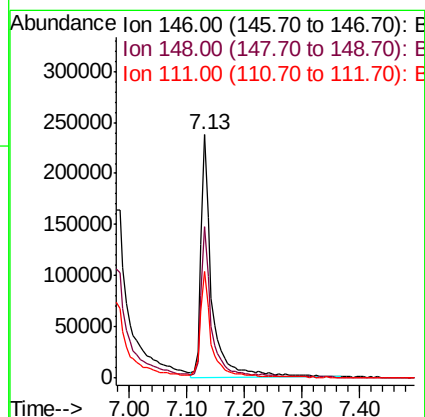
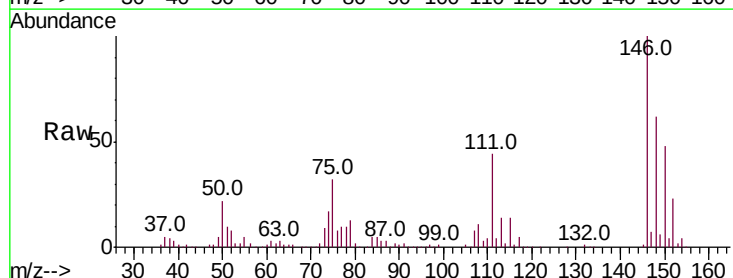
Instrument :
 BNA_F
 ClientSampled :

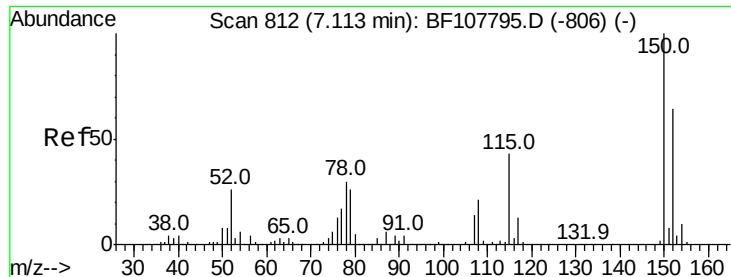
Tot Ion:146 Resp: 323243
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.8 76.2
 111 41.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 30.295 ng
 RT: 7.13 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

Tgt Ion:146 Resp: 309531
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.6 75.8
 111 43.9 36.0 54.0

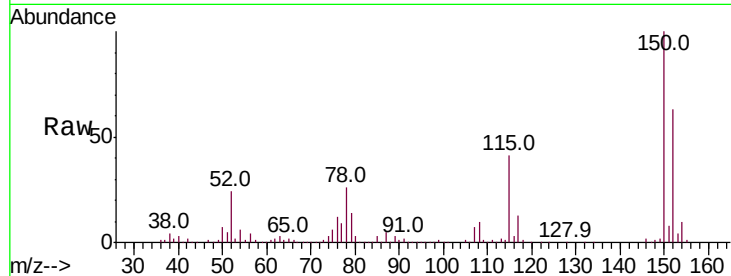




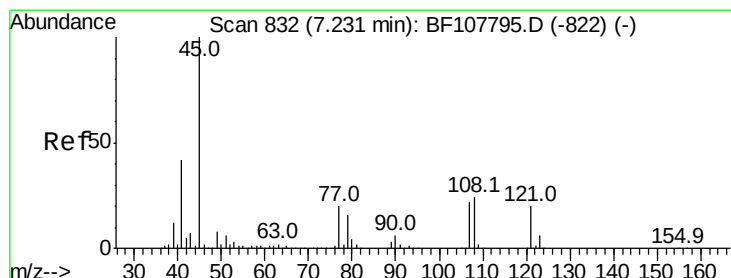
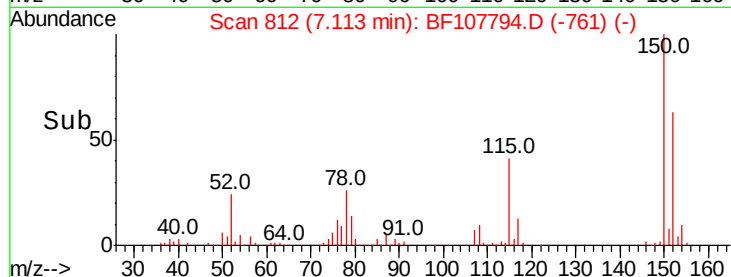
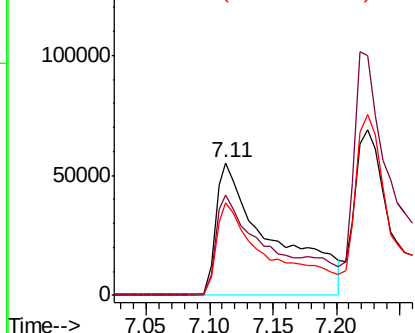
#15
Benzyl Alcohol
Concen: 22.605 ng
RT: 7.11 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 169171
Ion Ratio Lower Upper
79 100
108 75.1 65.1 97.7
77 69.4 50.6 75.8

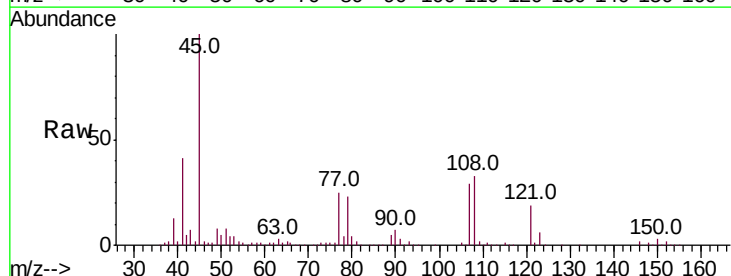


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

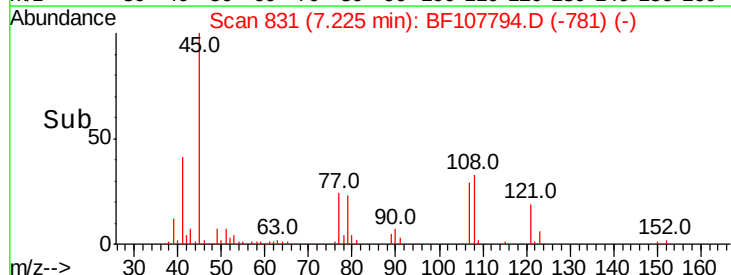
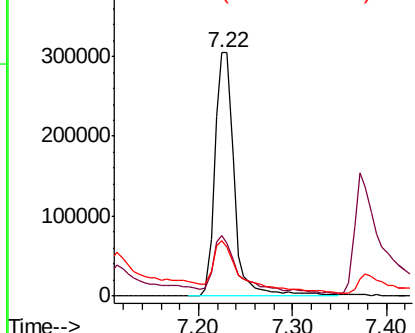


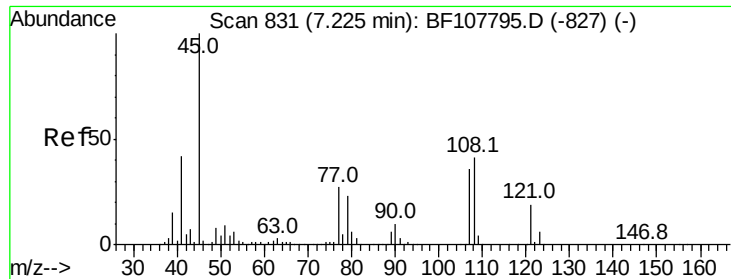
#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.482 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Tgt Ion: 45 Resp: 442200
Ion Ratio Lower Upper
45 100
77 24.7 0.0 32.9
79 22.6 0.0 29.6



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





#17

2-Methylphenol

Concen: 24.126 ng

RT: 7.22 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF107794.D

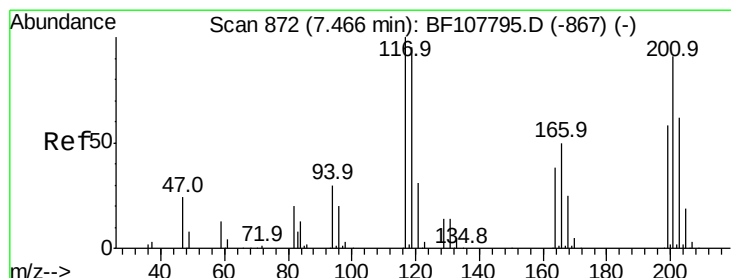
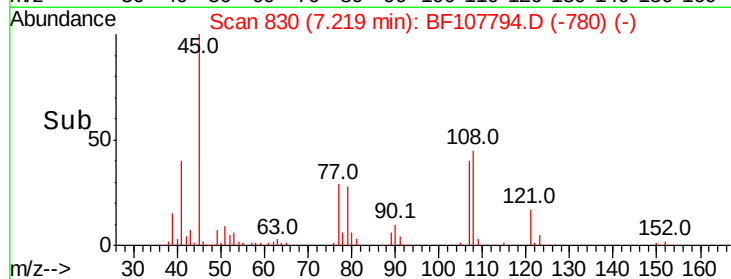
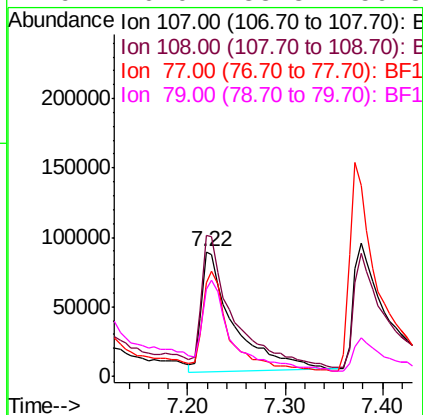
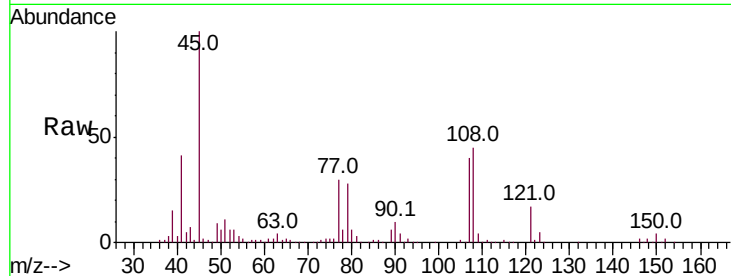
Acq: 30 Jul 2018 12:10

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	200902
Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.7	137.5
77	75.4	33.8	50.8#
79	70.0	33.8	50.8#



#18

Hexachloroethane

Concen: 28.395 ng

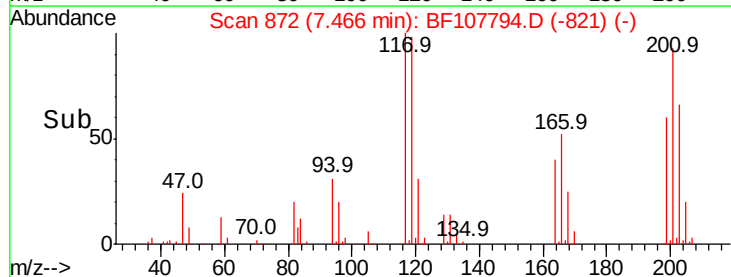
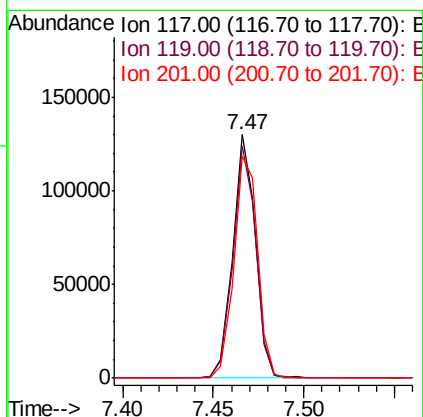
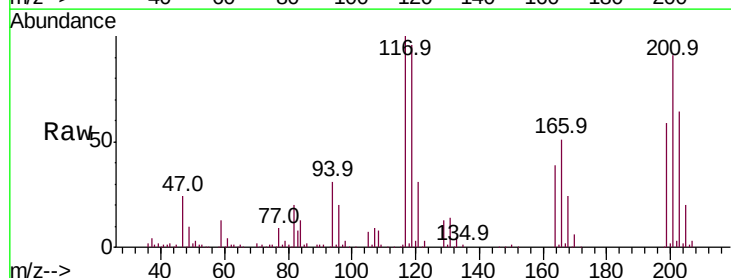
RT: 7.47 min Scan# 872

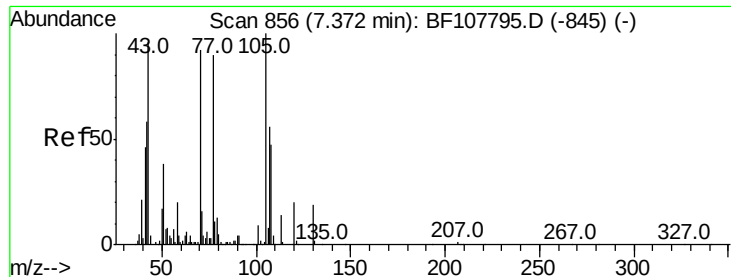
Delta R.T. 0.00 min

Lab File: BF107794.D

Acq: 30 Jul 2018 12:10

Tgt Ion:	117	Resp:	113389
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.8
201	91.0	75.7	113.5

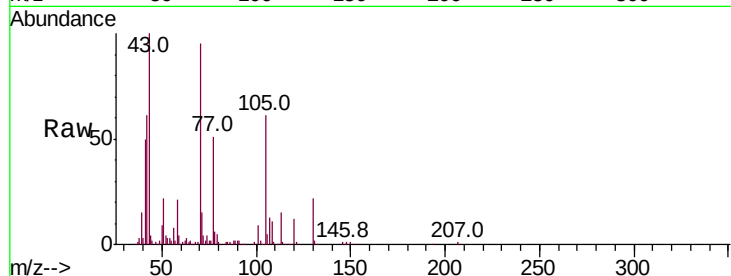




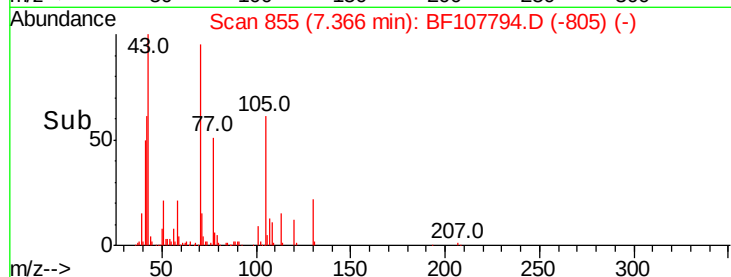
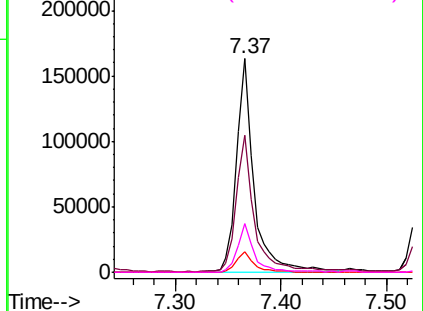
#19
n-Nitroso-di-n-propylamine
Concen: 26.269 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	186344
Ion	Ratio	Lower	Upper
70	100		
42	64.1	47.5	71.3
101	9.7	7.4	11.2
130	23.0	16.6	25.0



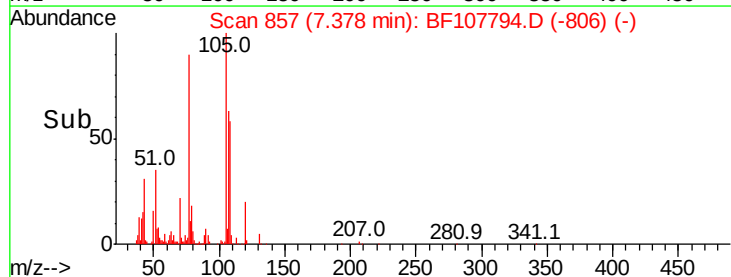
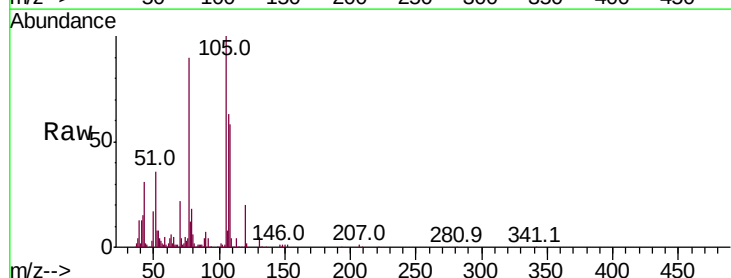
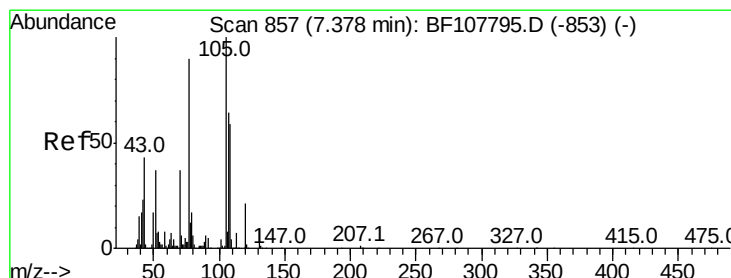
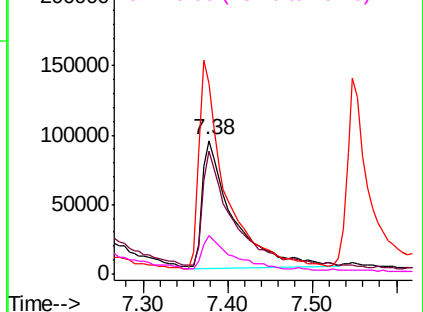
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

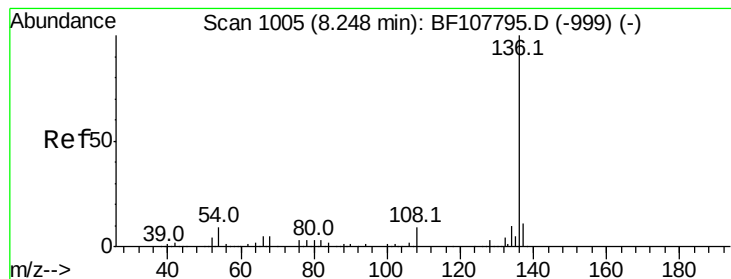


#20
3+4-Methylphenols
Concen: 23.946 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Tgt Ion:	107	Resp:	236777
Ion	Ratio	Lower	Upper
107	100		
108	92.1	68.2	108.2
77	142.9	26.7	66.7#
79	28.8	6.3	46.3

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

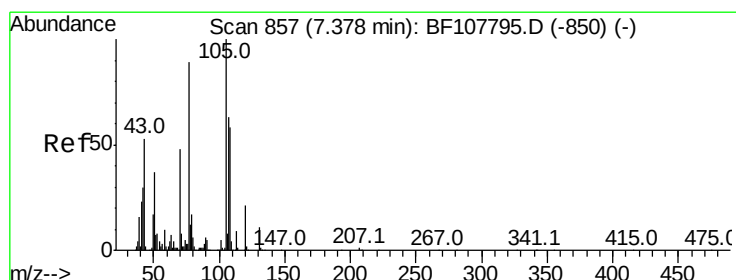
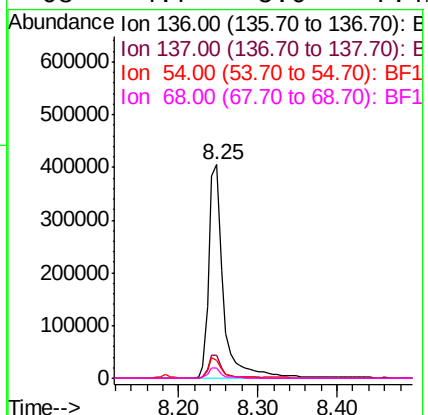
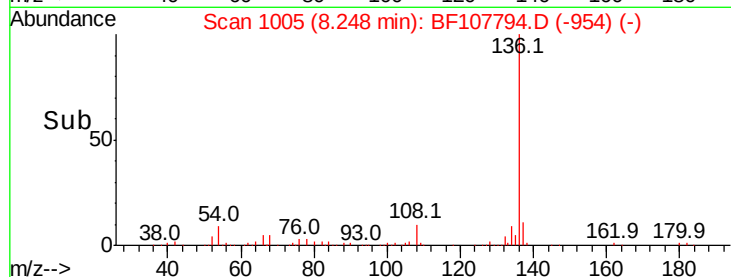
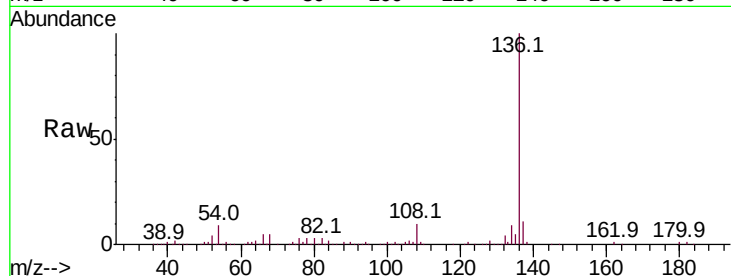




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

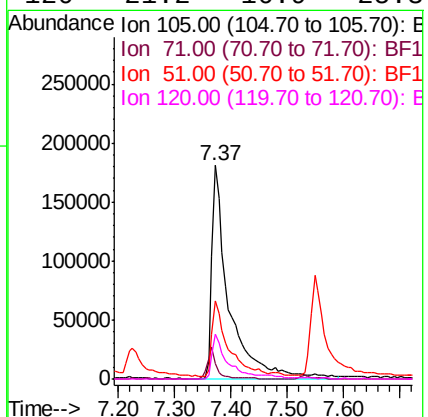
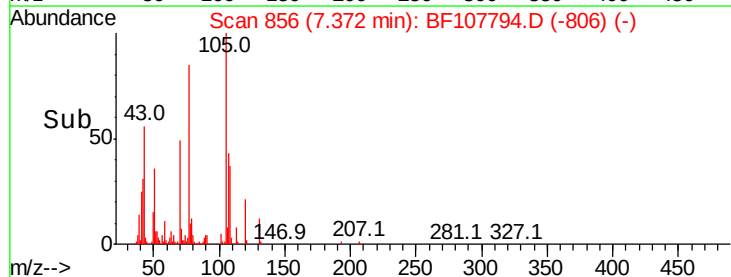
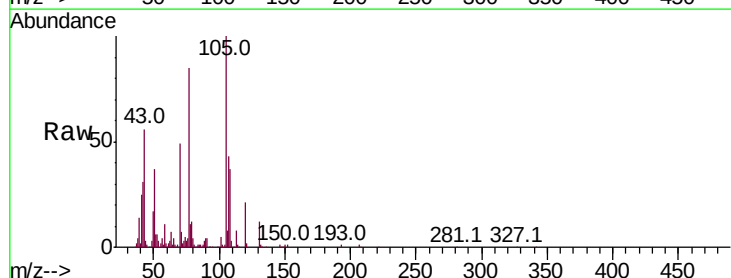
Instrument :
BNA_F
ClientSampleId :

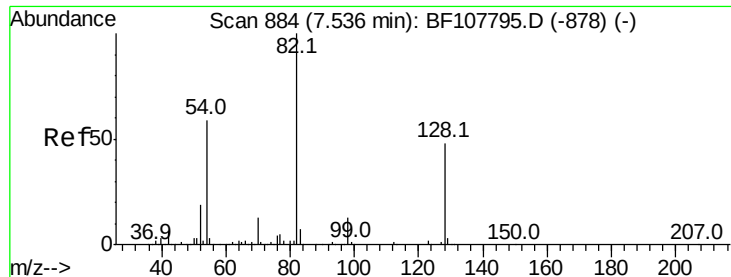
Tot Ion:136	Resp: 524243
Ion Ratio	Lower Upper
136 100	
137 10.6	8.9 13.3
54 8.7	6.6 9.8
68 4.7	5.0 7.4#



#22
Acetophenone
Concen: 30.771 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Tgt	Ion:105	Resp:	378844
Ion	Ratio	Lower	Upper
105	100		
71	7.4	4.4	6.6#
51	36.8	22.3	33.5#
120	21.2	16.9	25.3

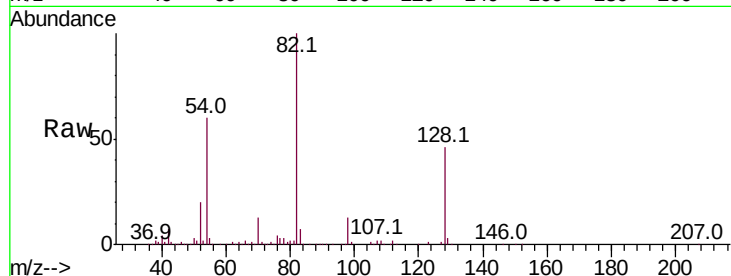




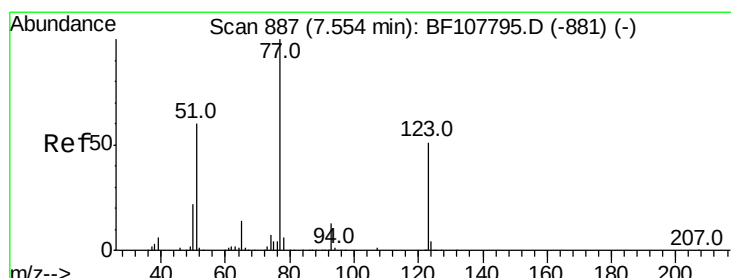
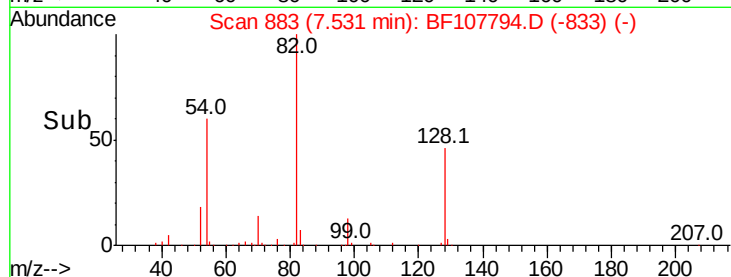
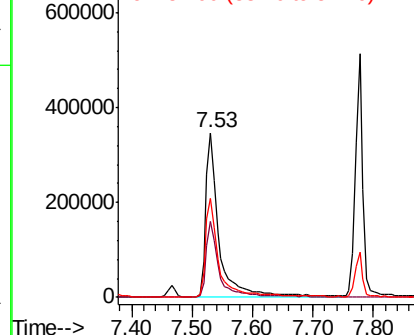
#23
Nitrobenzene-d5
Concen: 69.871 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 542759
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 60.3 41.4 62.2

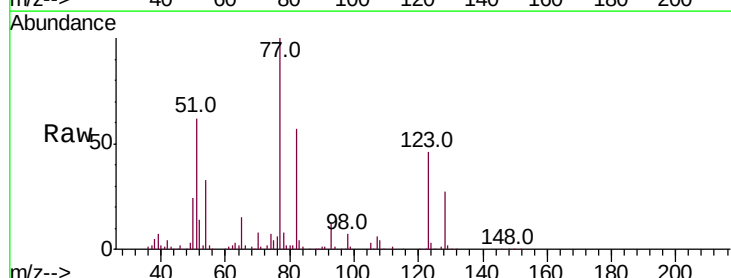


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

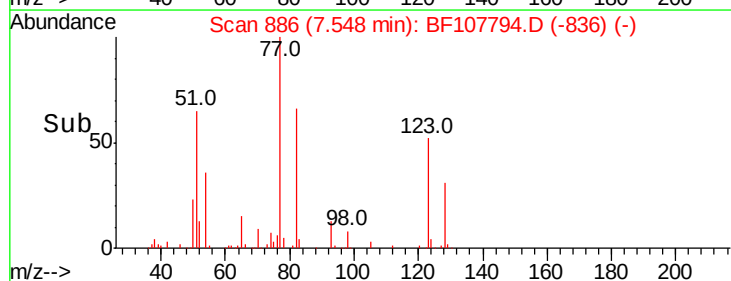
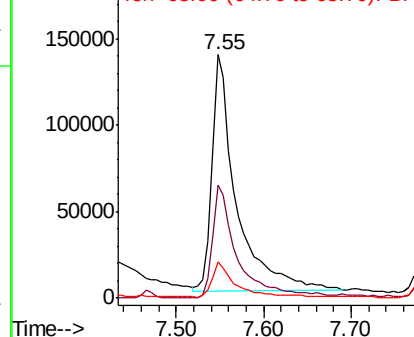


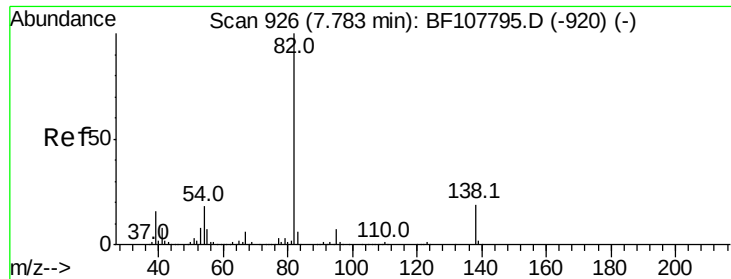
#24
Nitrobenzene
Concen: 29.870 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Tgt Ion: 77 Resp: 265761
Ion Ratio Lower Upper
77 100
123 46.2 37.9 56.9
65 14.8 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

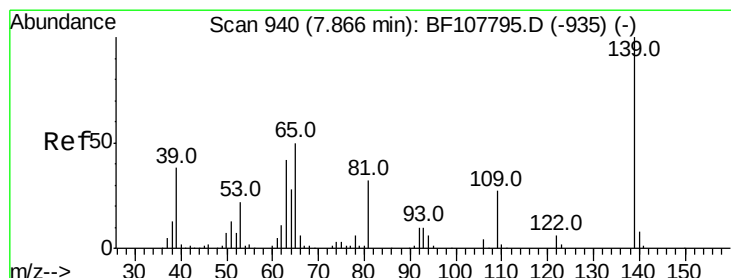
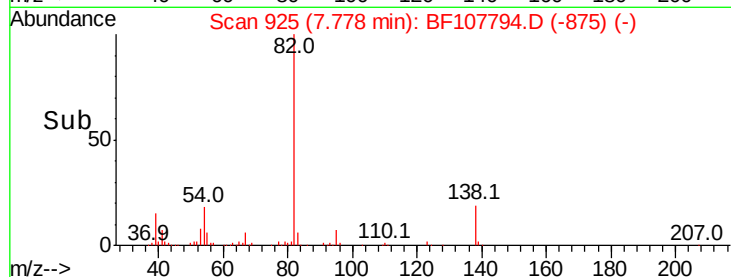
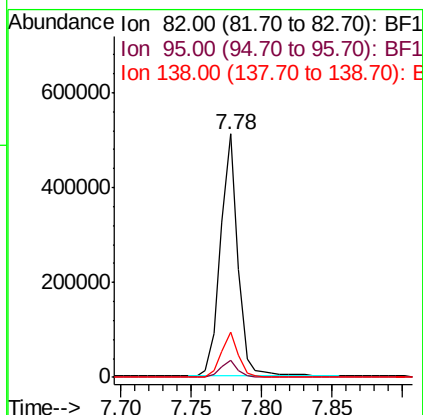
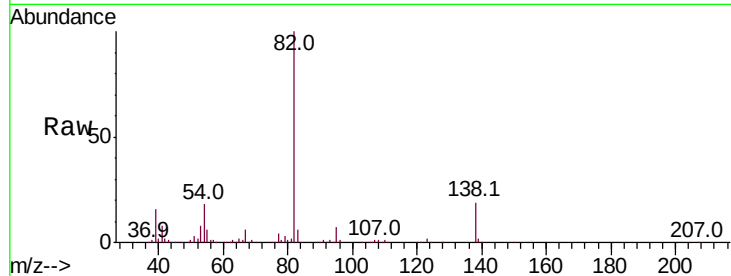




#25
Isophorone
Concen: 26.685 ng
RT: 7.78 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

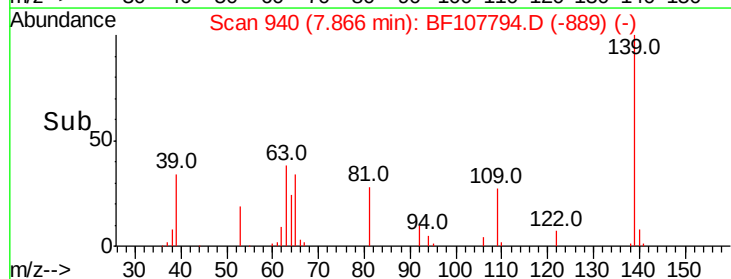
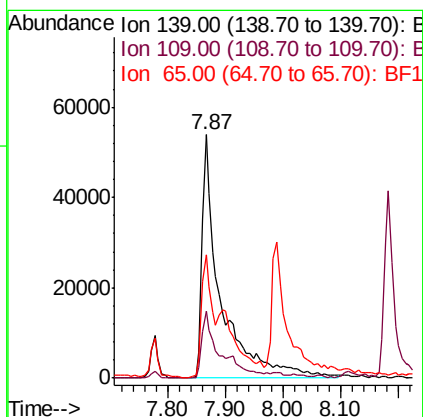
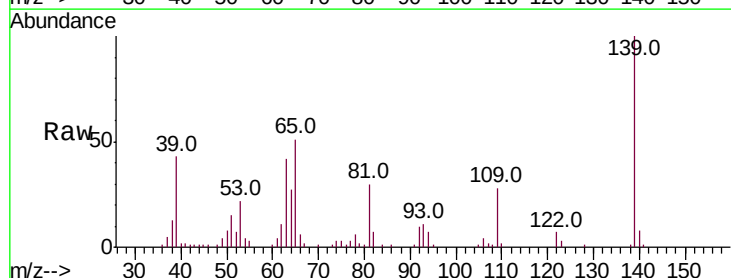
Instrument :
BNA_F
ClientSampleId :

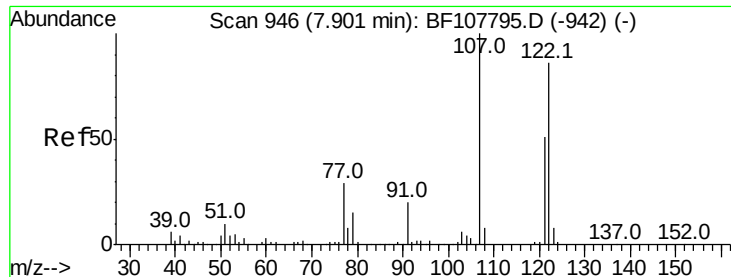
Tot Ion: 82 Resp: 442598
Ion Ratio Lower Upper
82 100
95 7.1 5.2 7.8
138 18.8 14.9 22.3



#26
2-Nitrophenol
Concen: 32.317 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Tgt Ion: 139 Resp: 121421
Ion Ratio Lower Upper
139 100
109 27.6 22.7 34.1
65 50.7 40.5 60.7

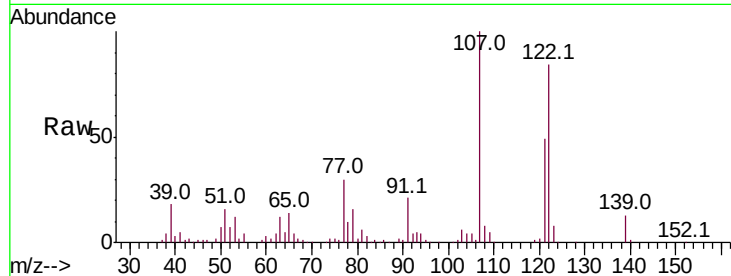




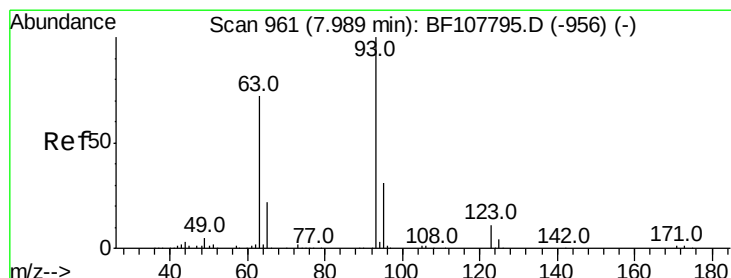
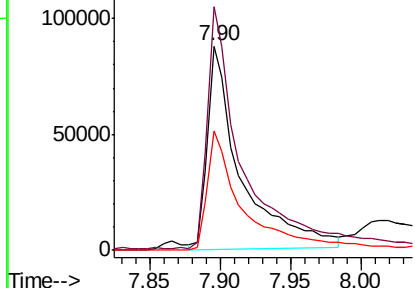
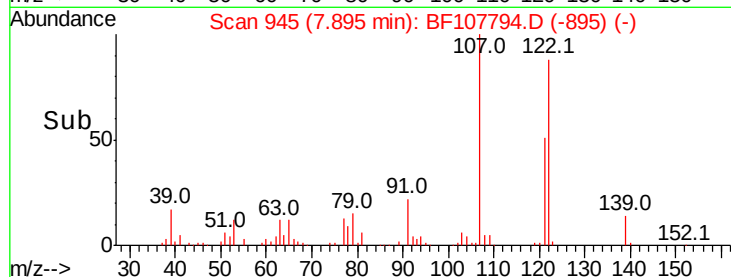
#27
2,4-Dimethylphenol
Concen: 20.275 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 144192
Ion Ratio Lower Upper
122 100
107 119.1 91.2 136.8
121 58.5 47.2 70.8

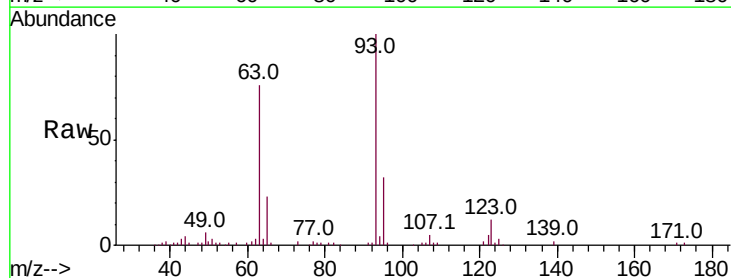


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

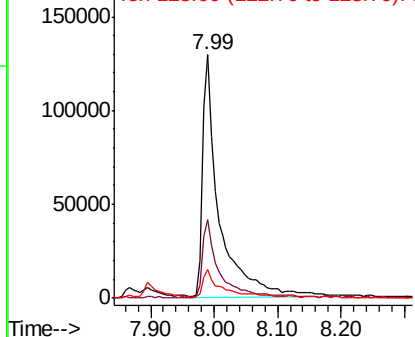
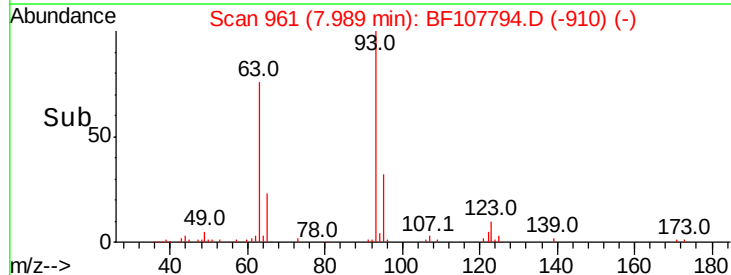


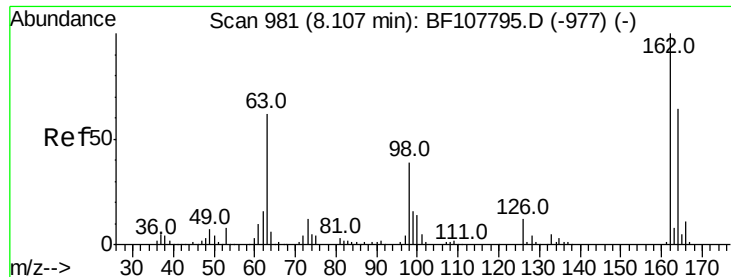
#28
bis(2-Chloroethoxy)methane
Concen: 21.133 ng
RT: 7.99 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Tgt Ion: 93 Resp: 234243
Ion Ratio Lower Upper
93 100
95 32.2 26.3 39.5
123 11.6 9.8 14.6



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

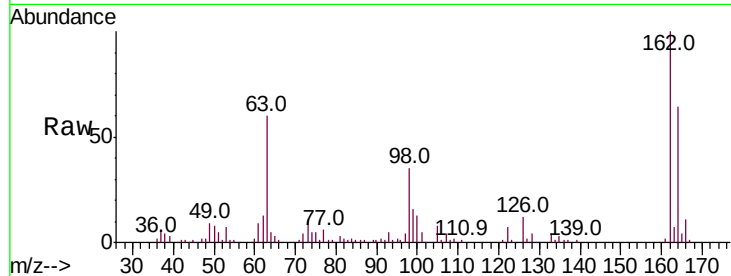




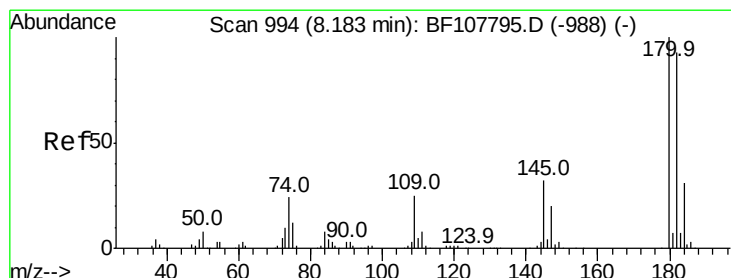
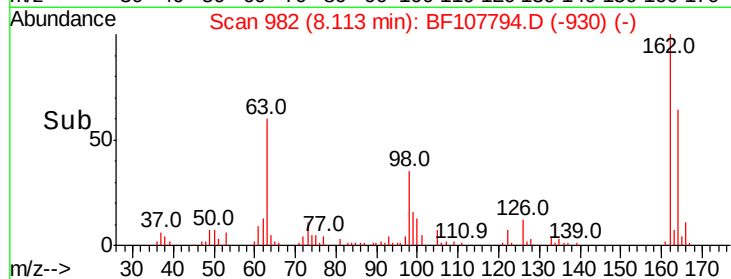
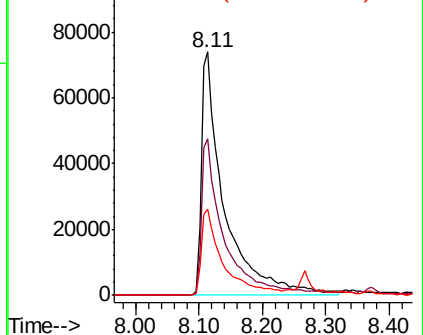
#29
2,4-Dichlorophenol
Concen: 25.206 ng
RT: 8.11 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 183229
Ion Ratio Lower Upper
162 100
164 64.1 42.7 82.7
98 35.3 18.1 58.1

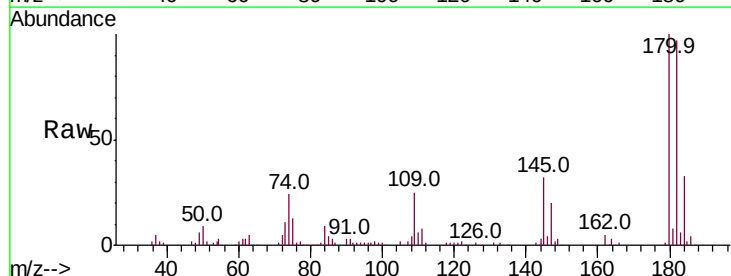


Abundance Ion 162.00 (161.70 to 162.70): E
100000
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

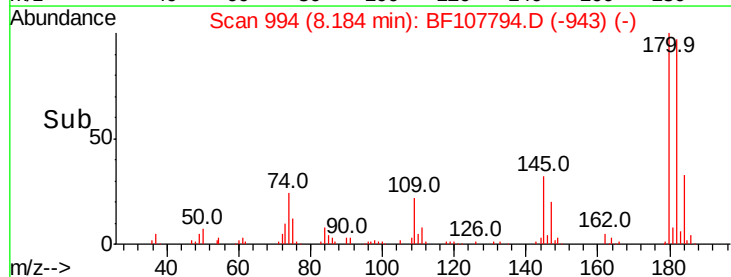
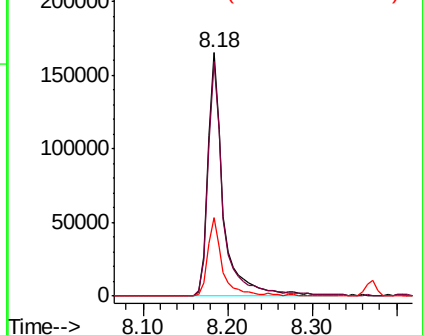


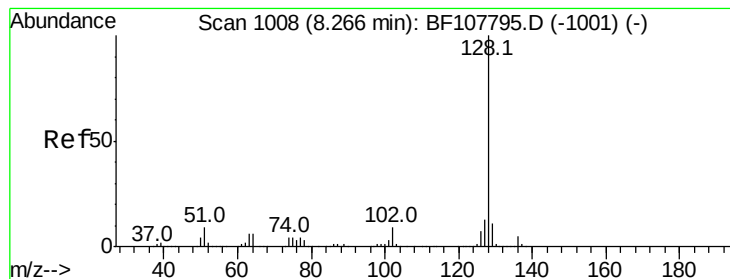
#30
1,2,4-Trichlorobenzene
Concen: 26.038 ng
RT: 8.18 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Tgt Ion:180 Resp: 212586
Ion Ratio Lower Upper
180 100
182 96.6 76.8 115.2
145 32.0 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
200000
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 27.750 ng

RT: 8.27 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF107794.D

Acq: 30 Jul 2018 12:10

Instrument :

BNA_F

ClientSampleId :

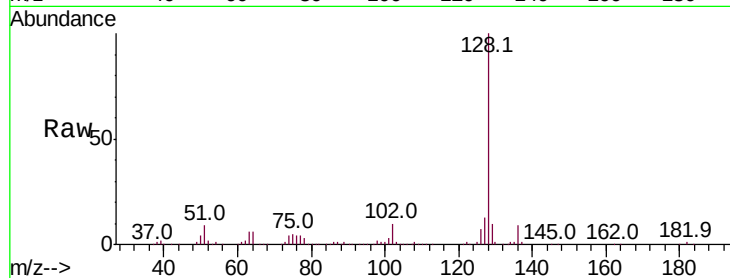
Tot Ion:128 Resp: 639723

Ion Ratio Lower Upper

128 100

129 10.4 8.8 13.2

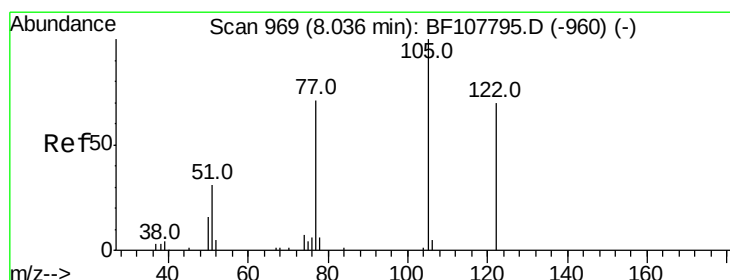
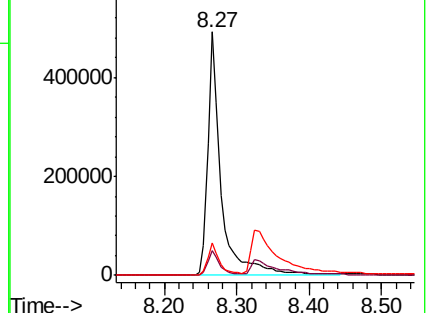
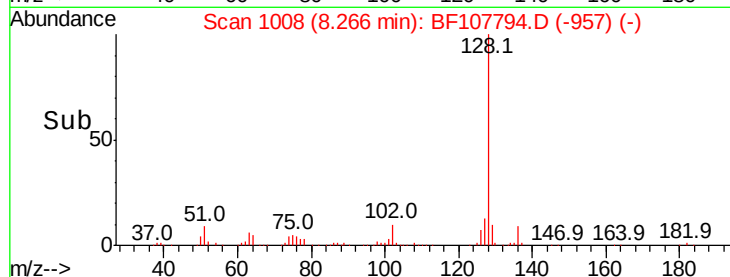
127 13.5 10.9 16.3



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: 12.700 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF107794.D

Acq: 30 Jul 2018 12:10

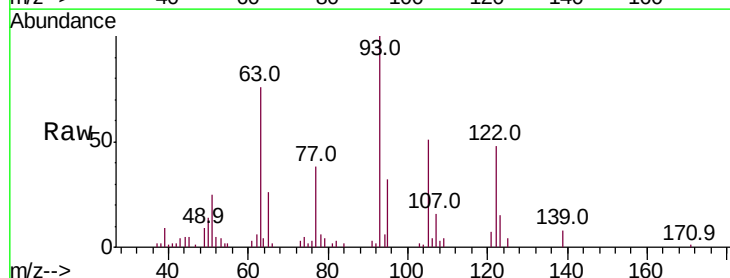
Tgt Ion:122 Resp: 55331

Ion Ratio Lower Upper

122 100

105 105.1 101.1 141.1

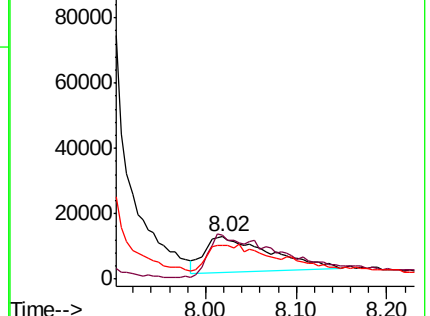
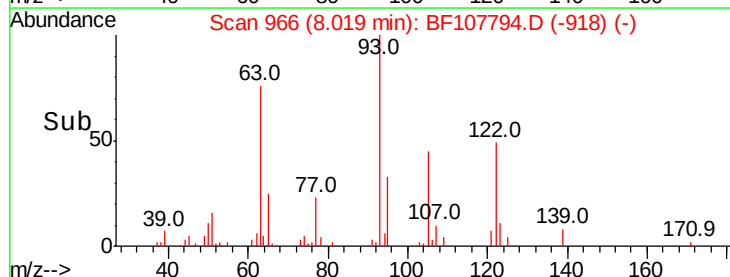
77 78.7 70.7 110.7

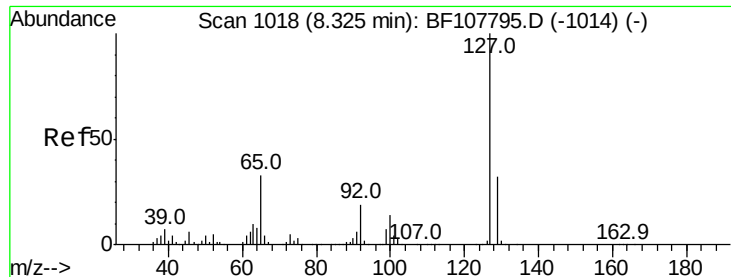


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

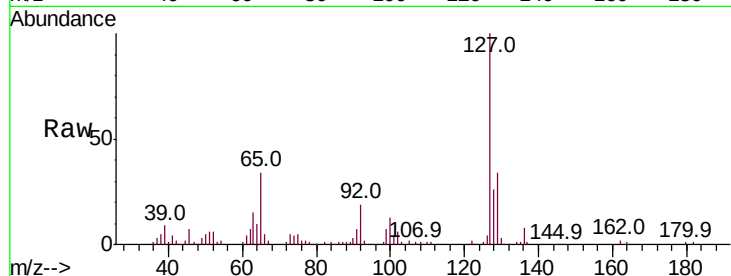




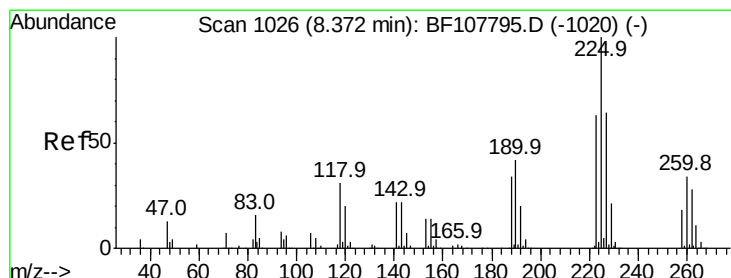
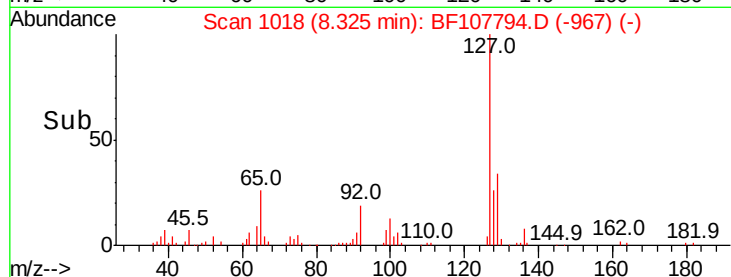
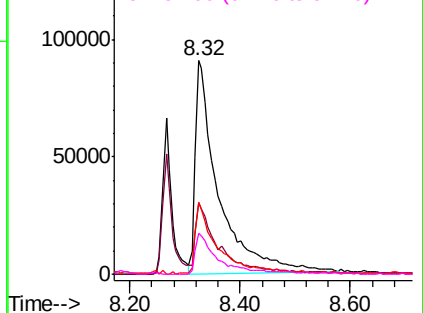
#33
4-Chloroaniline
Concen: 26.090 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	262883
Ion	Ratio	Lower	Upper
127	100		
129	33.8	25.9	38.9
65	33.7	25.0	37.4
92	19.0	15.2	22.8

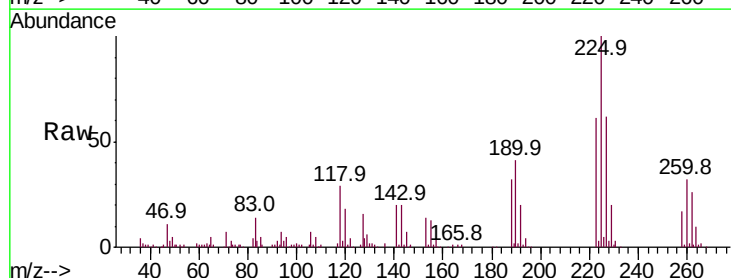


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

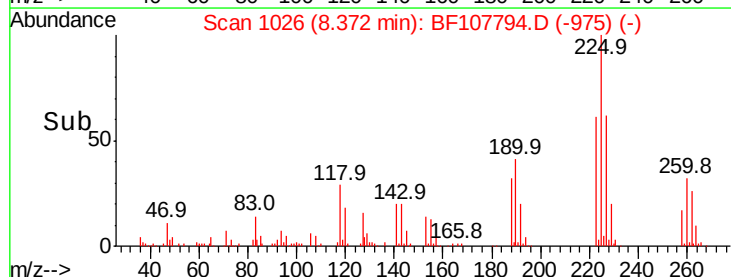
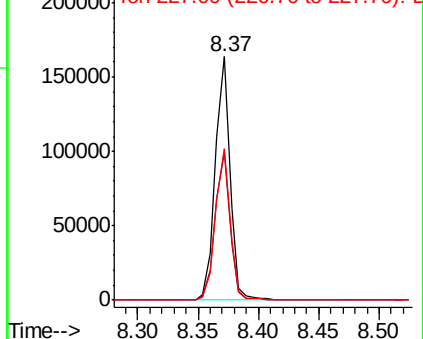


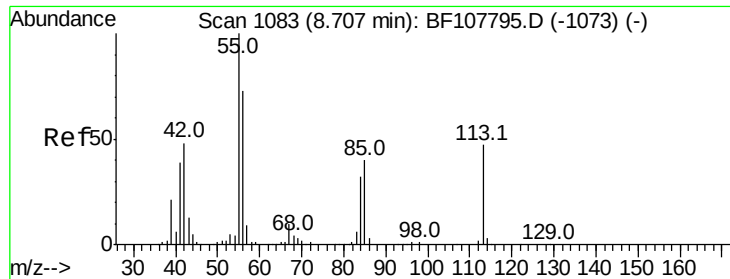
#34
Hexachlorobutadiene
Concen: 28.165 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Tgt Ion:	225	Resp:	136638
Ion	Ratio	Lower	Upper
225	100		
223	60.7	50.6	76.0
227	62.0	51.9	77.9



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

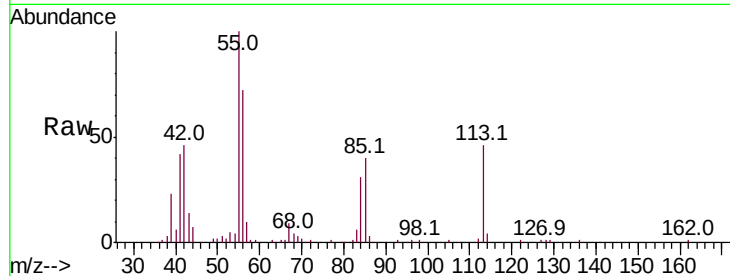




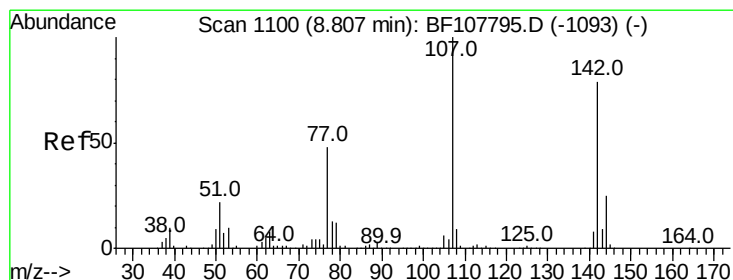
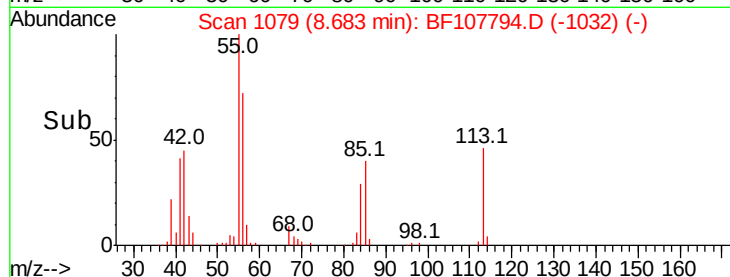
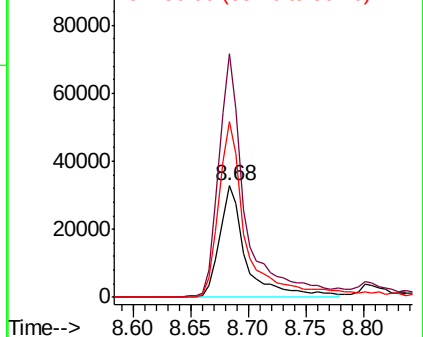
#35
 Caprolactam
 Concen: 22.266 ng
 RT: 8.68 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 52645
 Ion Ratio Lower Upper
 113 100
 55 219.1 163.3 203.3#
 56 157.6 115.7 155.7#

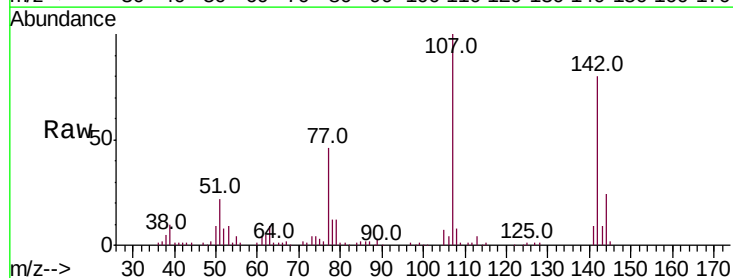


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

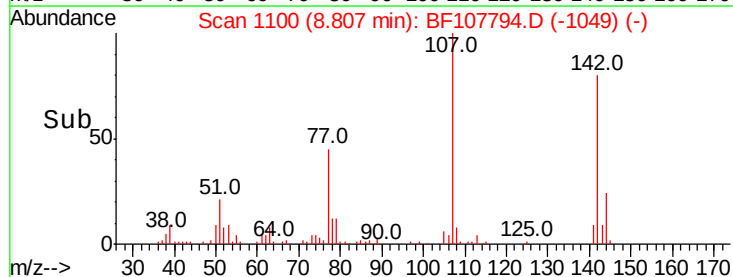
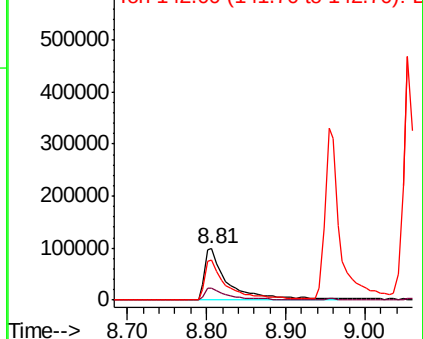


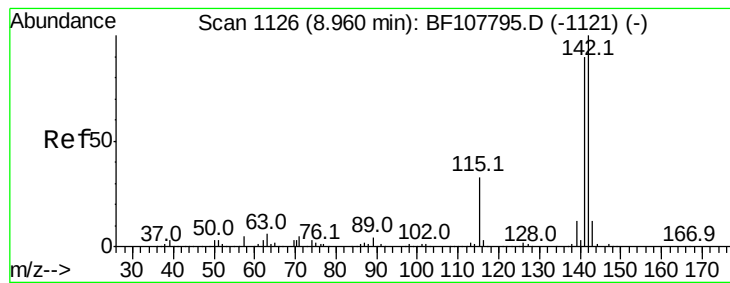
#36
 4-Chloro-3-methylphenol
 Concen: 25.615 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

Tgt Ion:107 Resp: 206833
 Ion Ratio Lower Upper
 107 100
 144 23.7 20.5 30.7
 142 79.5 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: 27.423 ng

RT: 8.95 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF107794.D

Acq: 30 Jul 2018 12:10

Instrument :

BNA_F

ClientSampleId :

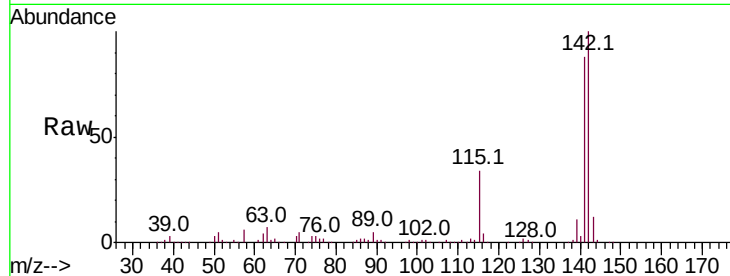
Tot Ion:142 Resp: 438079

Ion Ratio Lower Upper

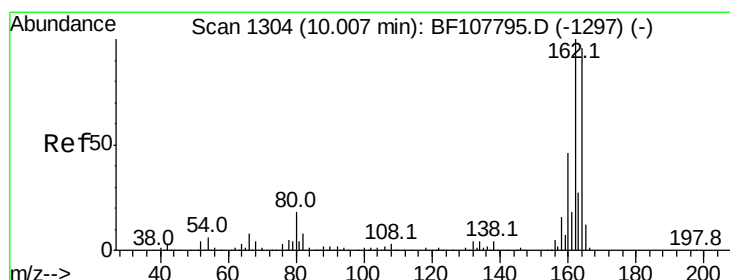
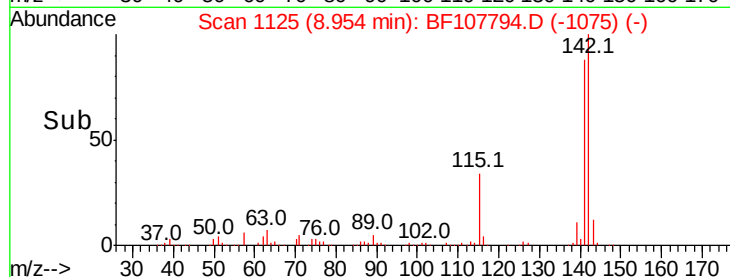
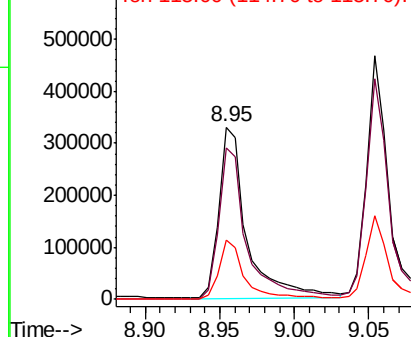
142 100

141 88.1 70.8 106.2

115 34.1 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: BF107794.D

Acq: 30 Jul 2018 12:10

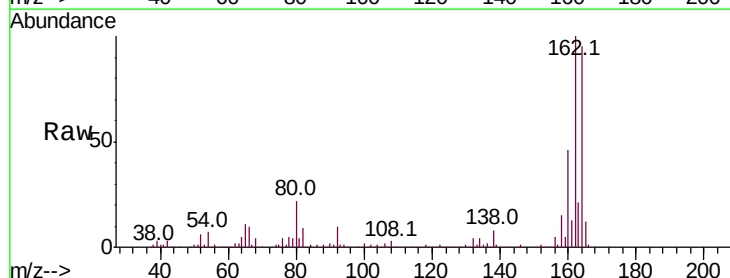
Tgt Ion:164 Resp: 302040

Ion Ratio Lower Upper

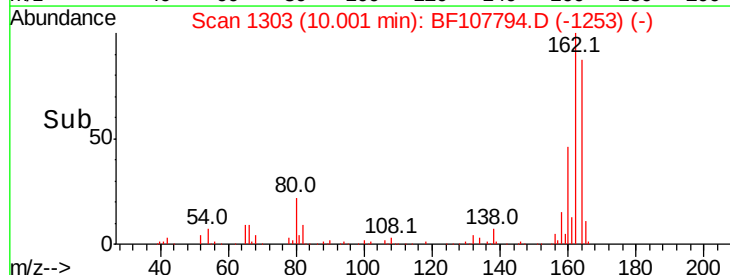
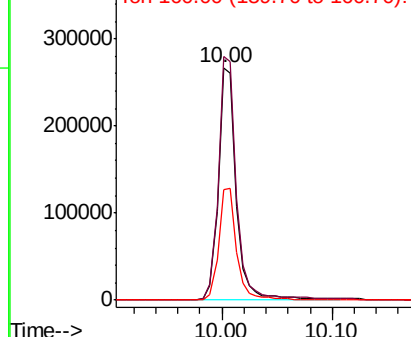
164 100

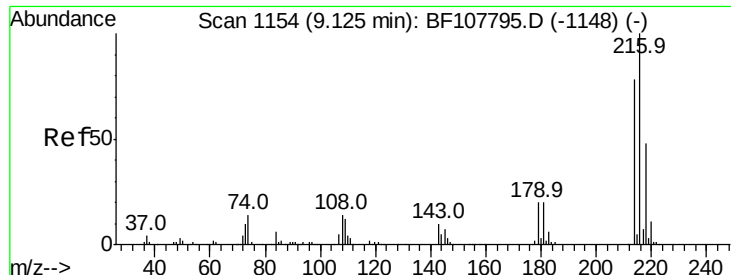
162 104.9 86.1 129.1

160 47.7 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

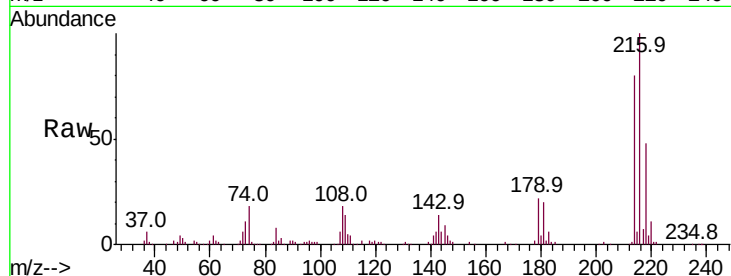




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 26.889 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.0	94.4
179	20.1	18.1	27.1
108	16.1	17.2	25.8#



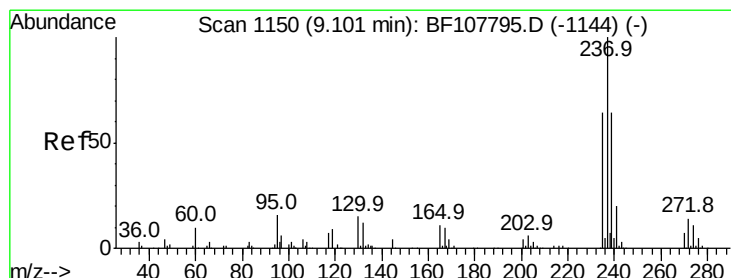
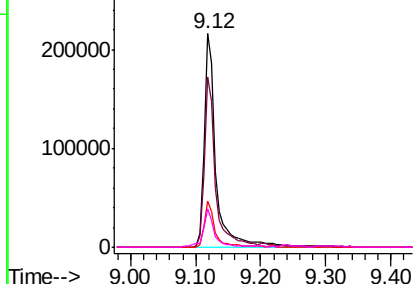
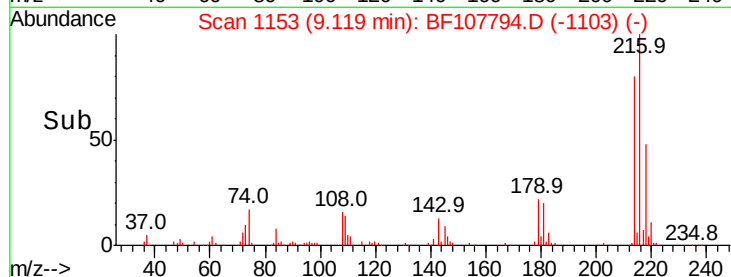
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

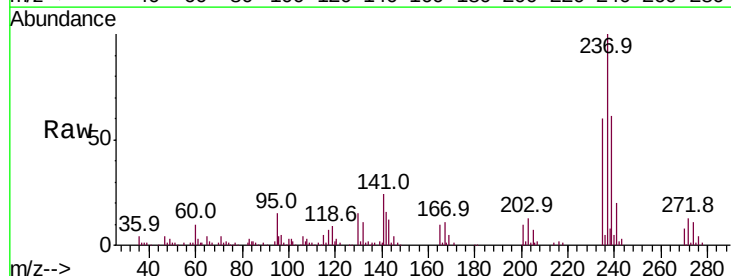
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 15.362 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.4	44.8	84.8
272	13.4	0.0	33.3

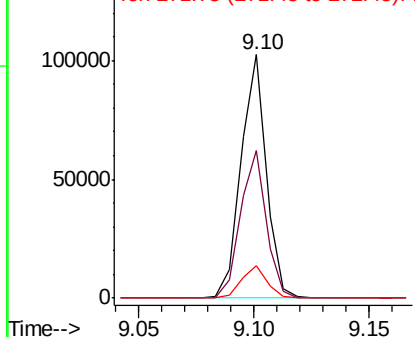
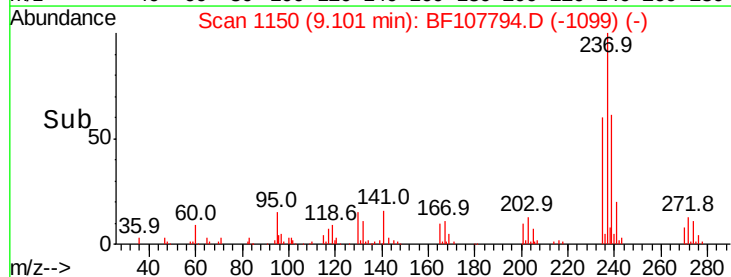


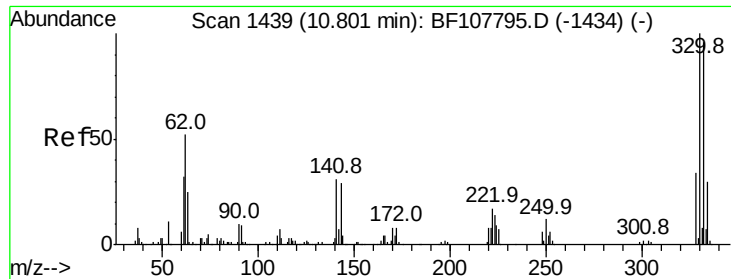
Abundance

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

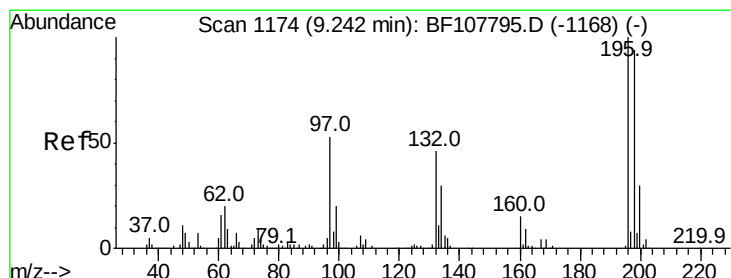
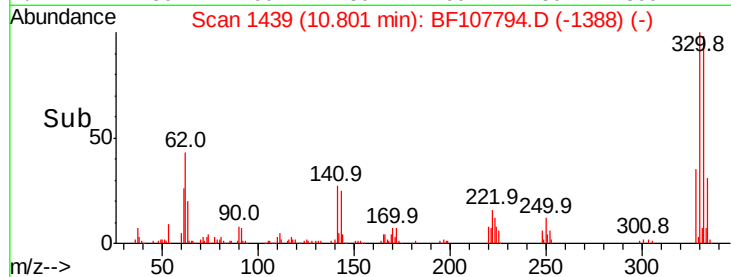
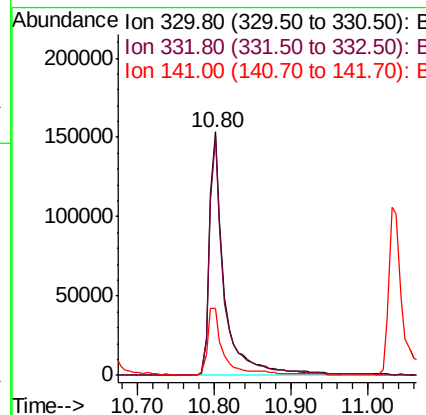
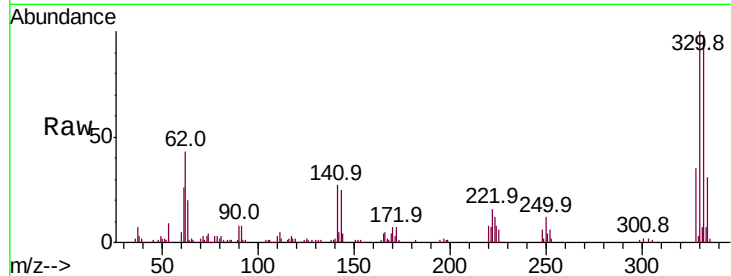




#41
 2,4,6-Tribromophenol
 Concen: 60.934 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

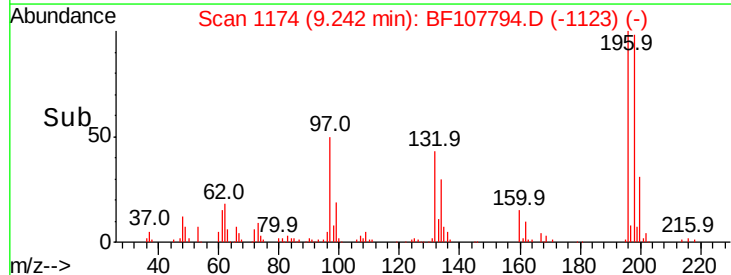
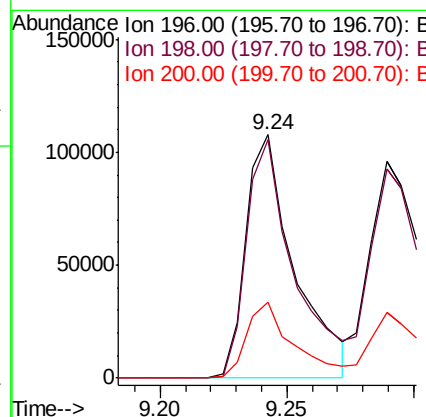
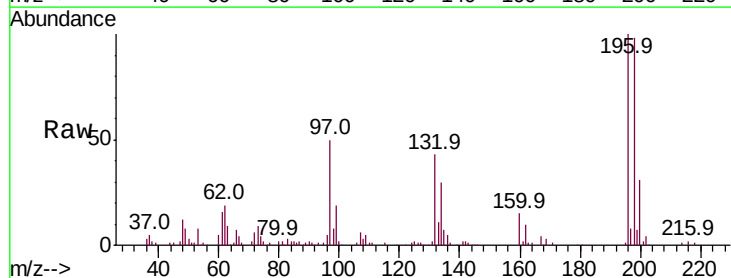
Instrument :
 BNA_F
 ClientSampleId :

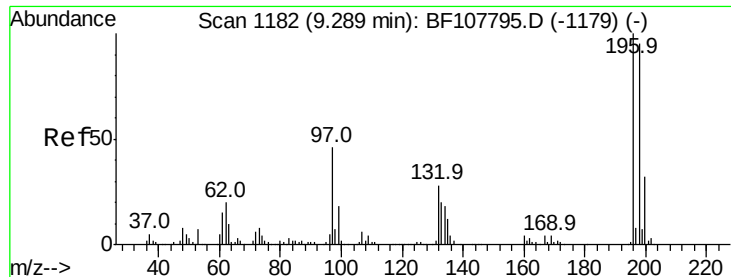
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	26.0	29.9	44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 22.248 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	75.7	113.5
200	31.1	24.5	36.7

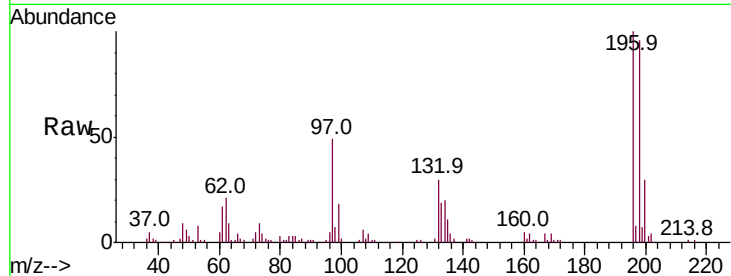




#43
 2,4,5-Trichlorophenol
 Concen: 26.224 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	74.6	112.0
97	48.5	42.9	64.3
132	29.9	26.3	39.5



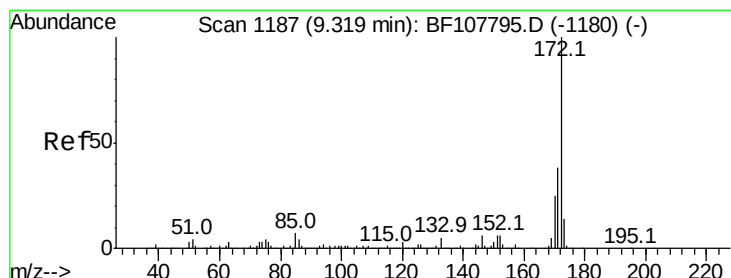
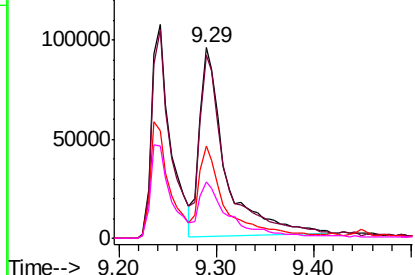
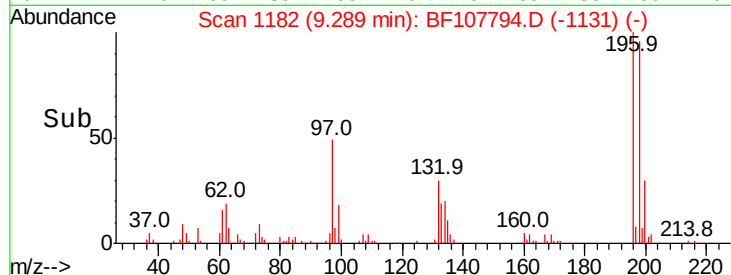
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

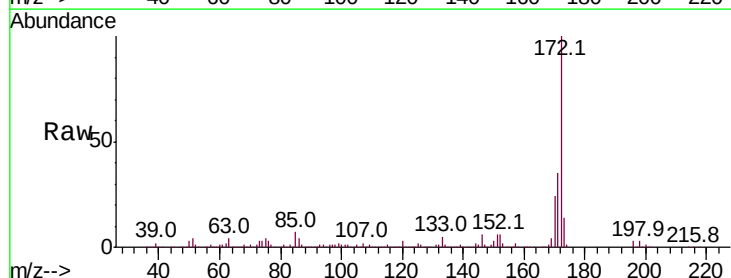
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 59.279 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	24.4	19.6	29.4

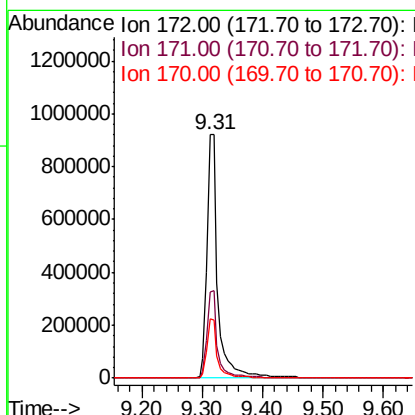
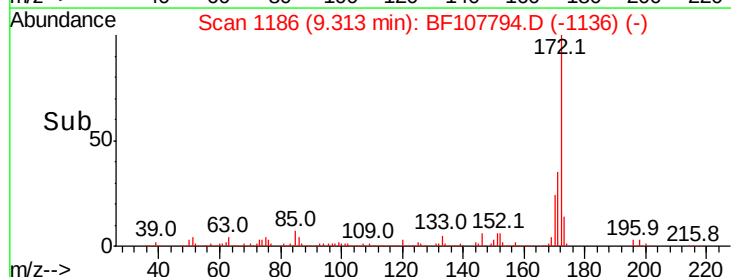


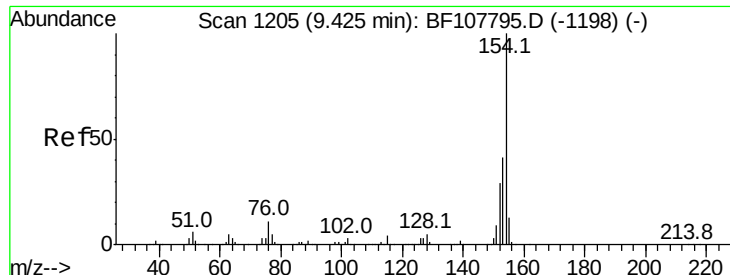
Abundance

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

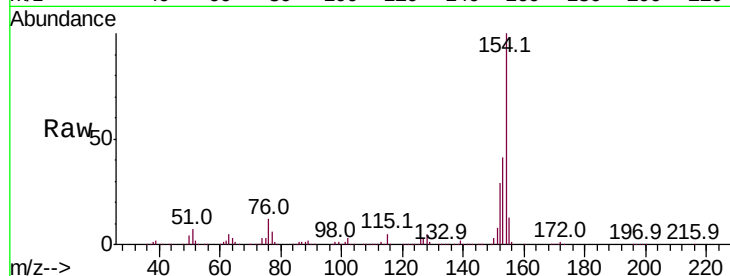




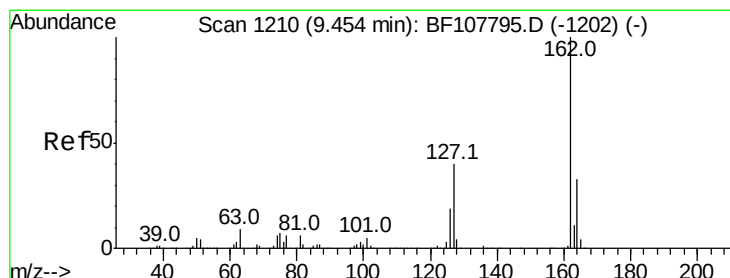
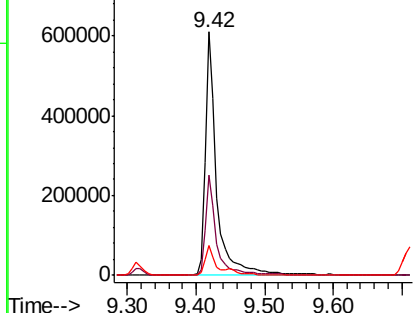
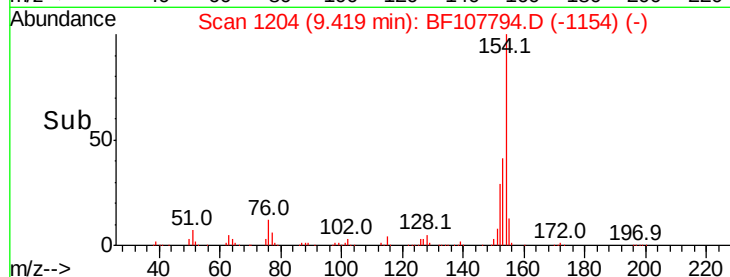
#45
 1,1'-Biphenyl
 Concen: 27.386 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 720562
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.3 61.3
 76 12.1 0.0 34.0

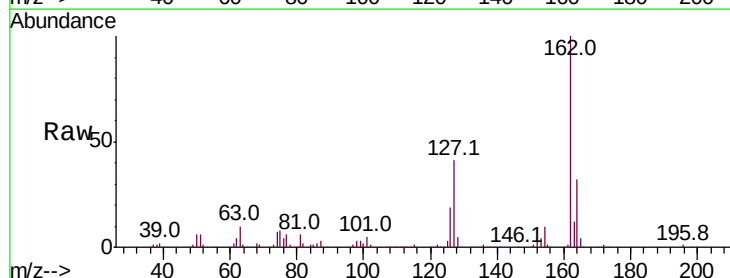


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

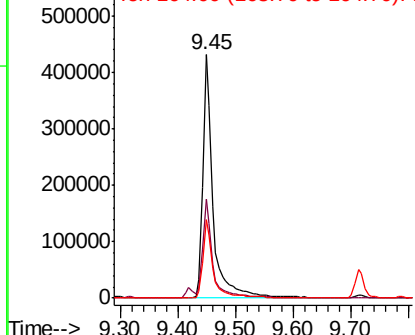
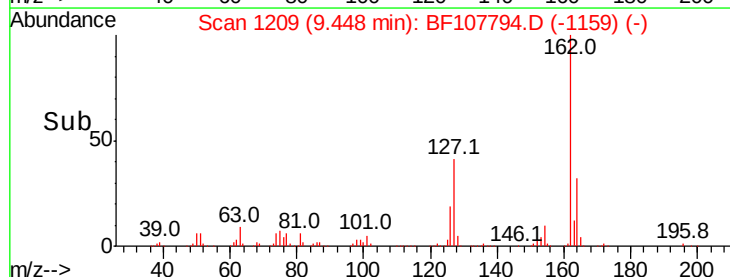


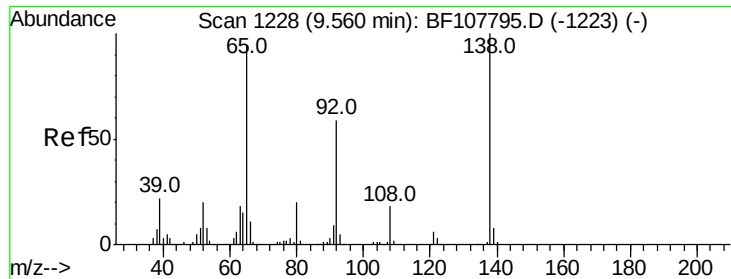
#46
 2-Chloronaphthalene
 Concen: 27.205 ng
 RT: 9.45 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

Tgt Ion:162 Resp: 547136
 Ion Ratio Lower Upper
 162 100
 127 40.6 33.9 50.9
 164 32.2 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

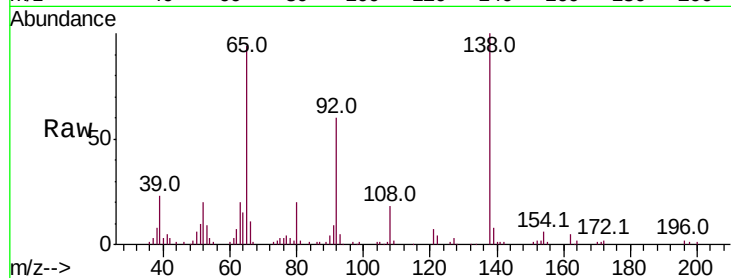




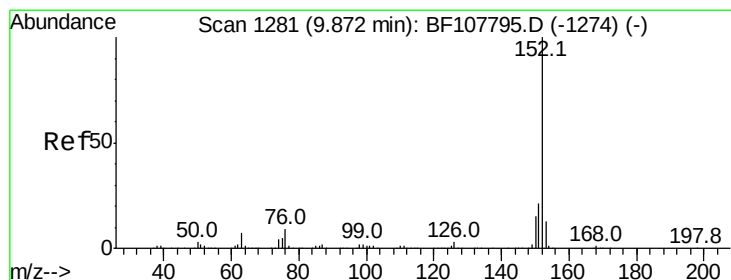
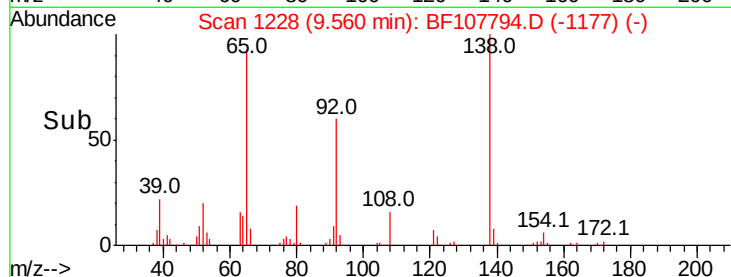
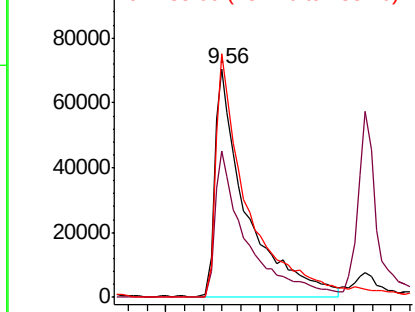
#47
2-Nitroaniline
Concen: 28.178 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 165213
Ion Ratio Lower Upper
65 100
92 64.1 55.8 83.6
138 106.4 91.2 136.8

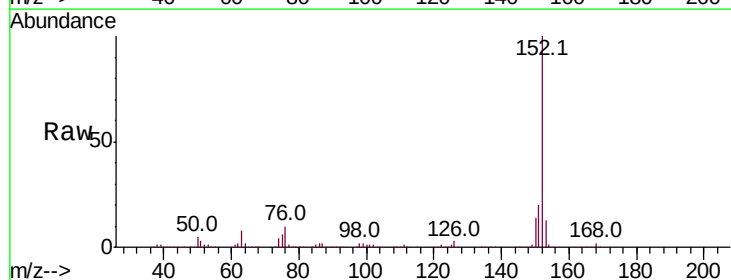


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

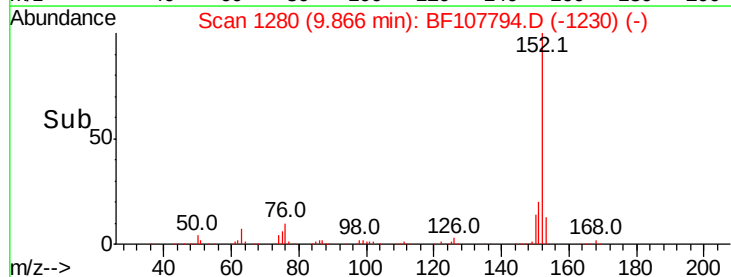
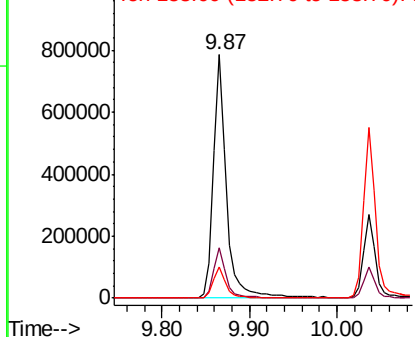


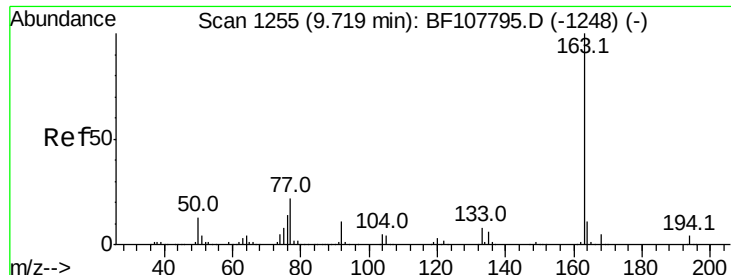
#48
Acenaphthylene
Concen: 27.252 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Tgt Ion: 152 Resp: 823316
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.0 10.7 16.1



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

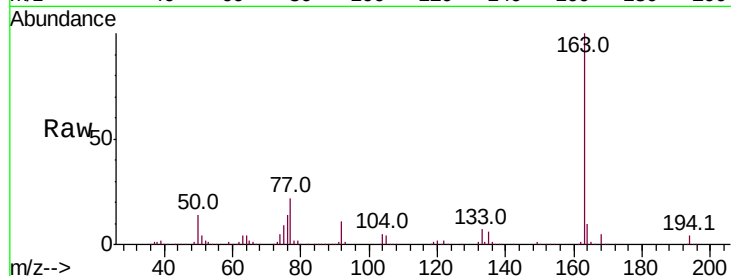




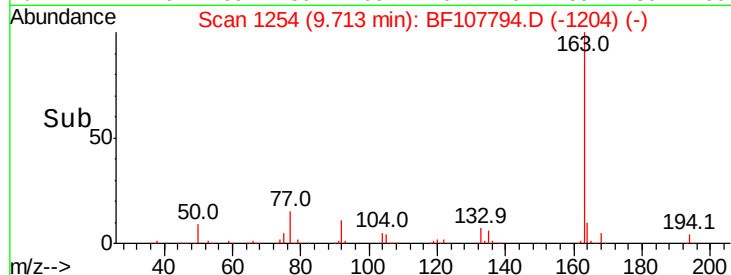
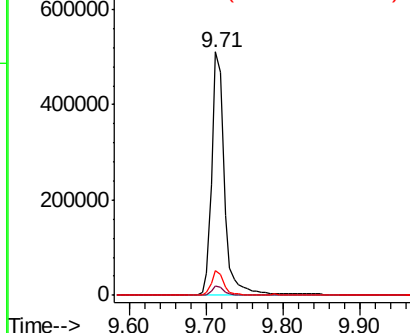
#49
Dimethylphthalate
Concen: 25.640 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 583664
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.0 8.2 12.2

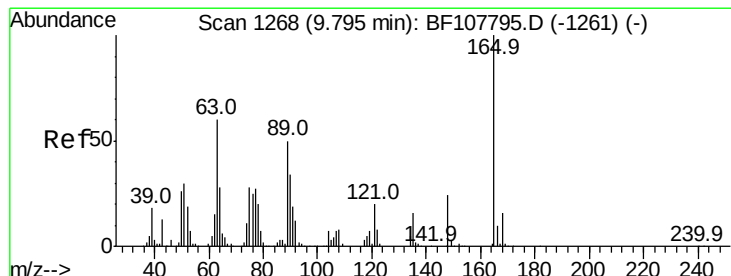


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

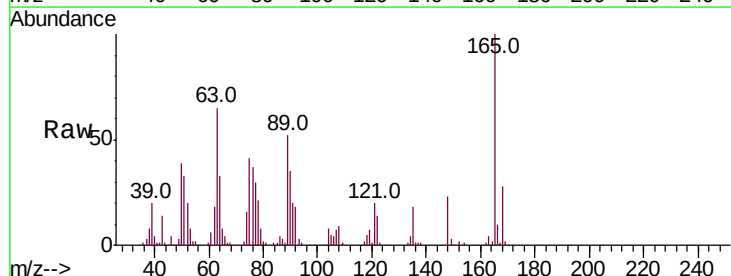
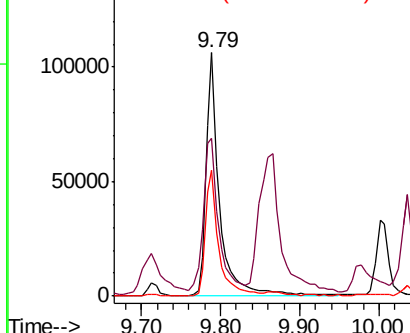


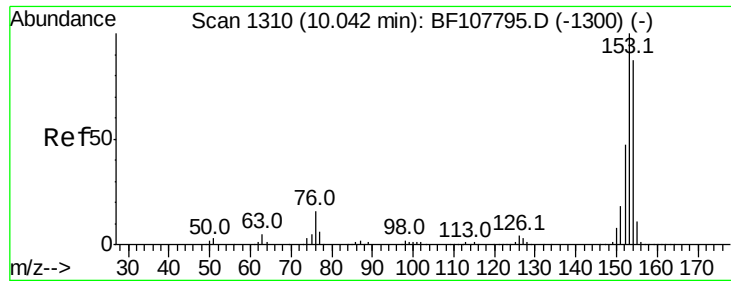
#50
2,6-Dinitrotoluene
Concen: 28.147 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Tgt Ion:165 Resp: 127210
Ion Ratio Lower Upper
165 100
63 64.6 44.7 67.1
89 51.6 44.0 66.0



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





#51

Acenaphthene

Concen: 24.453 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF107794.D

Acq: 30 Jul 2018 12:10

Instrument :

BNA_F

ClientSampleId :

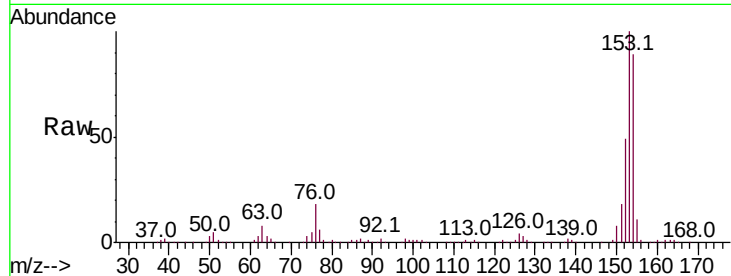
Tot Ion:154 Resp: 462882

Ion Ratio Lower Upper

154 100

153 112.3 91.2 136.8

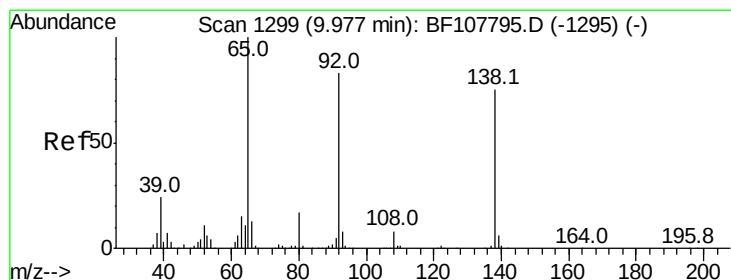
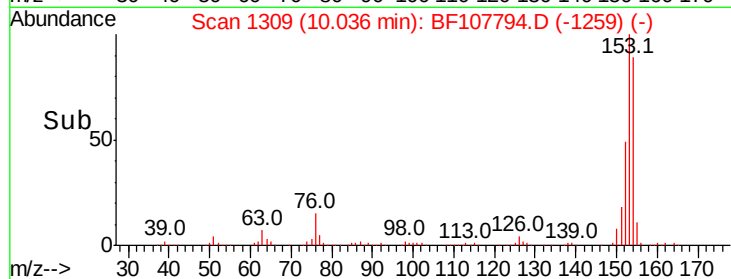
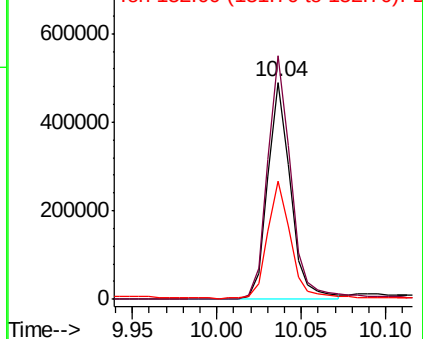
152 54.7 43.8 65.8



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: 28.669 ng

RT: 9.98 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF107794.D

Acq: 30 Jul 2018 12:10

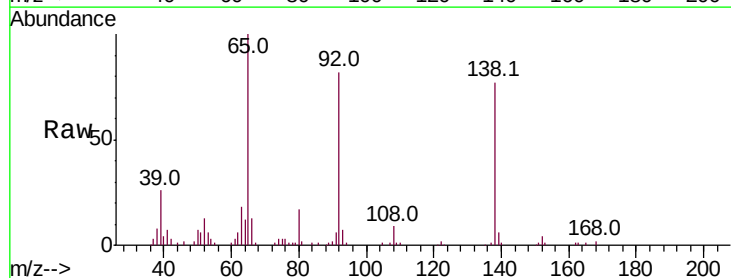
Tgt Ion:138 Resp: 157629

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.0

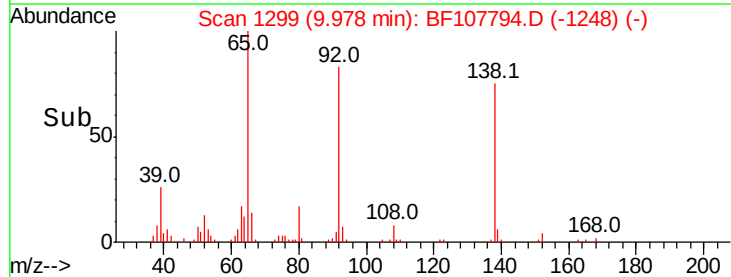
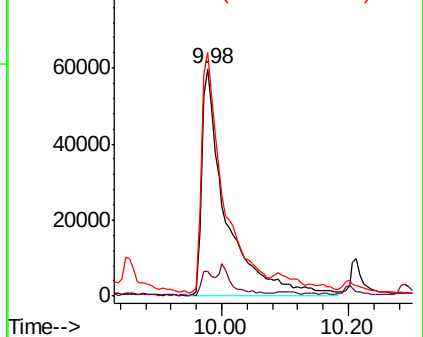
92 107.1 89.4 134.2

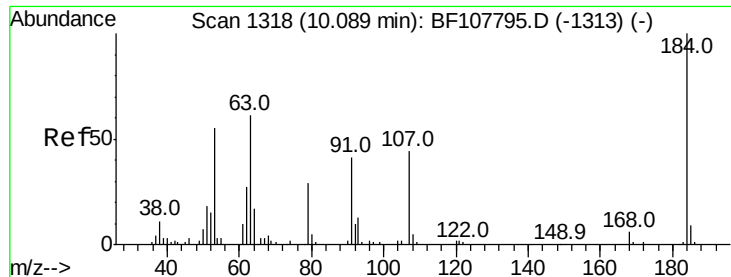


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

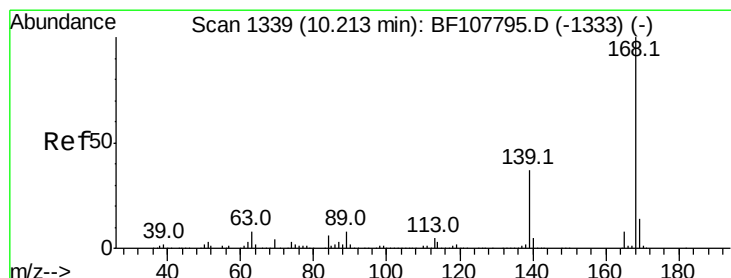
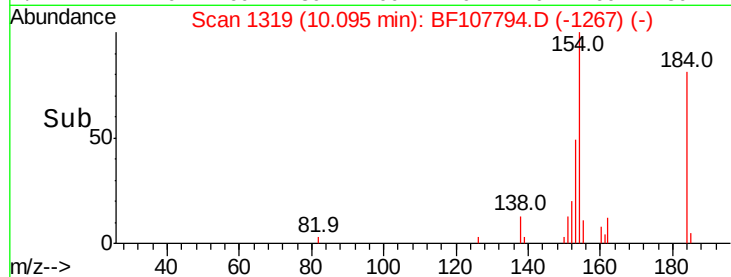
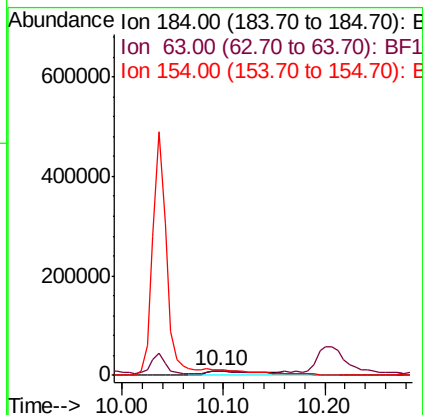
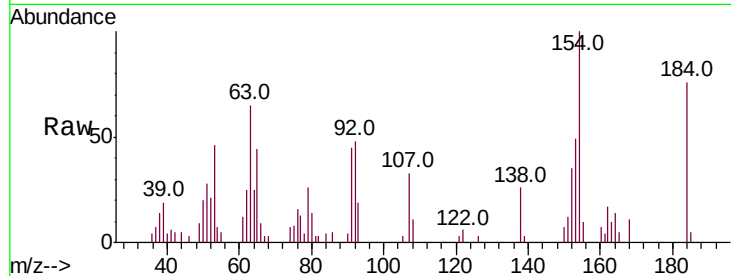




#53
 2,4-Dinitrophenol
 Concen: 27.359 ng
 RT: 10.10 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

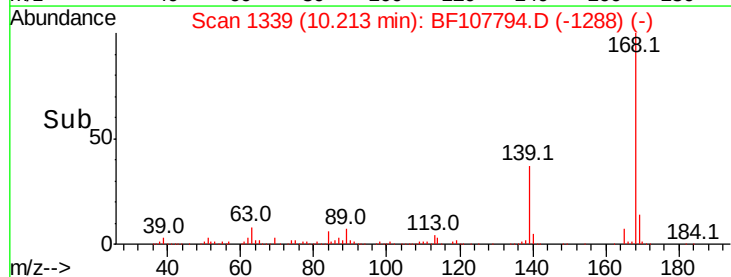
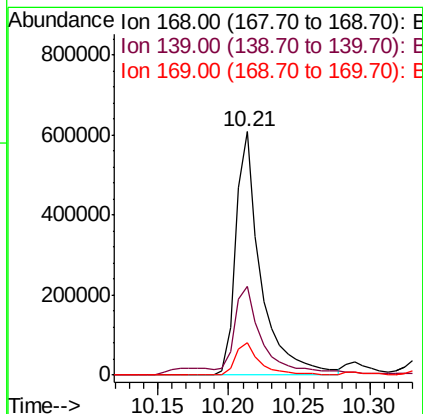
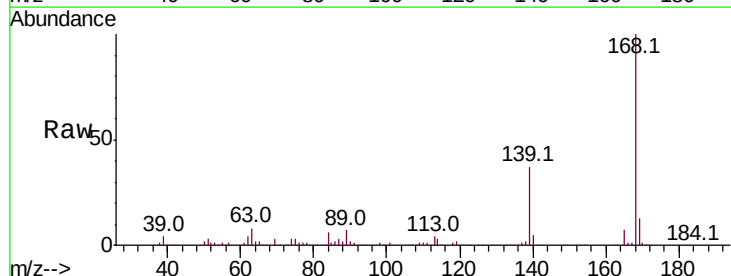
Instrument :
 BNA_F
 ClientSampleId :

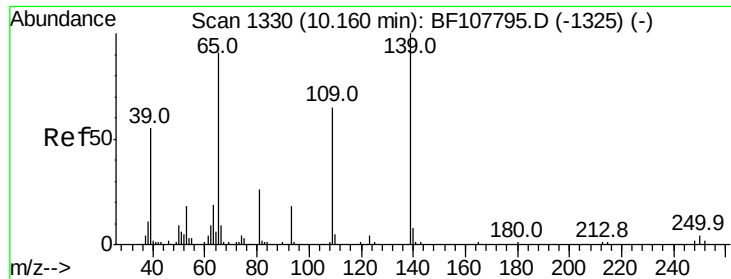
Tot Ion:184 Resp: 39865
 Ion Ratio Lower Upper
 184 100
 63 84.8 54.2 81.2#
 154 130.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 26.662 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

Tgt Ion:168 Resp: 742996
 Ion Ratio Lower Upper
 168 100
 139 36.5 30.1 45.1
 169 13.4 10.9 16.3

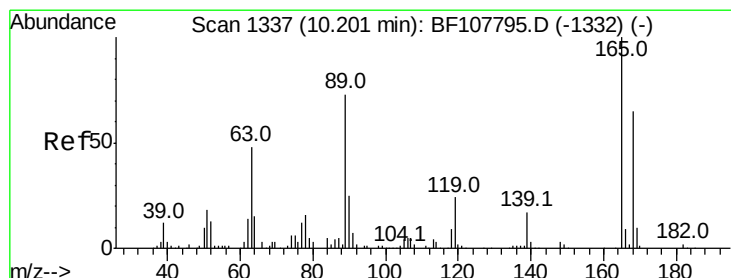
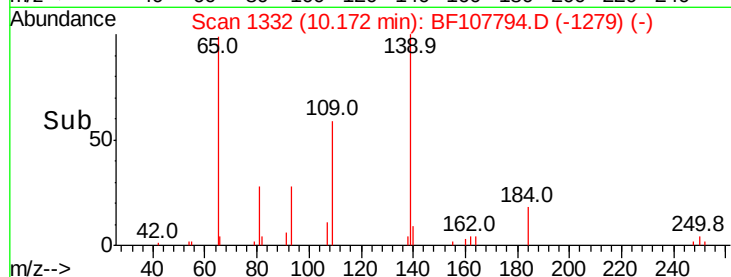
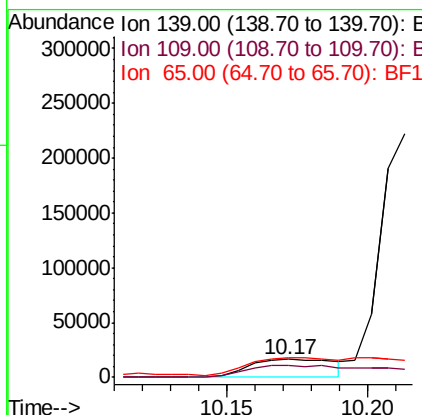
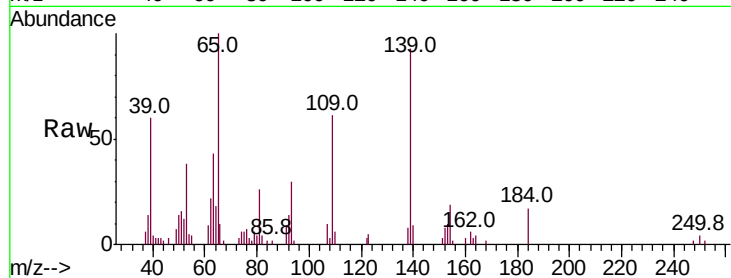




#55
4-Nitrophenol
Concen: 8.557 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

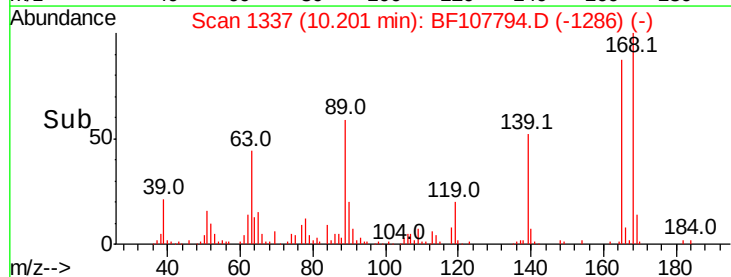
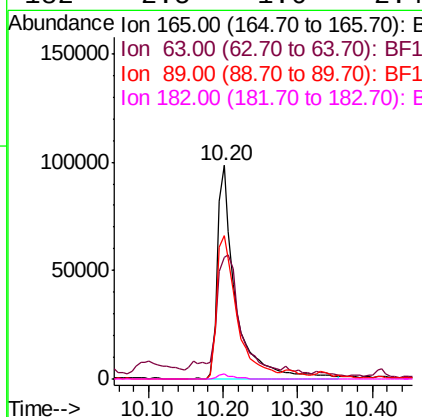
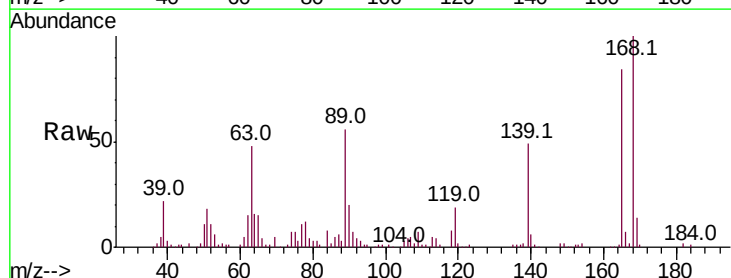
Instrument :
BNA_F
ClientSampled :

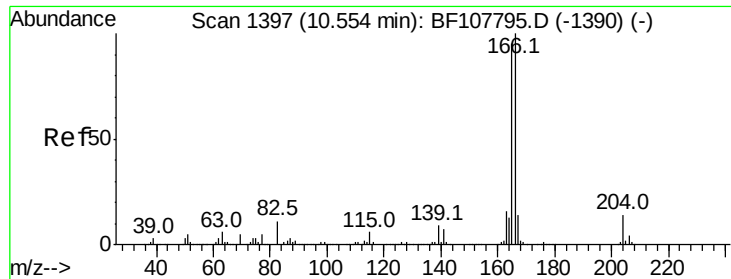
Tot Ion:139 Resp: 35226
Ion Ratio Lower Upper
139 100
109 65.7 48.4 88.4
65 107.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 30.550 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Tgt Ion:165 Resp: 166666
Ion Ratio Lower Upper
165 100
63 57.2 36.4 54.6#
89 67.2 57.8 86.6
182 2.5 1.6 2.4#

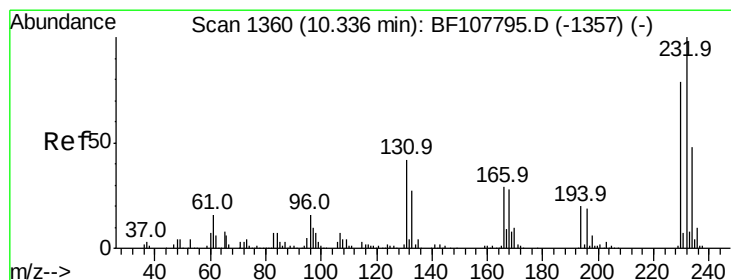
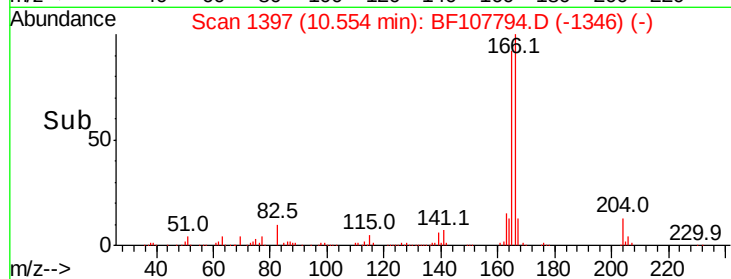
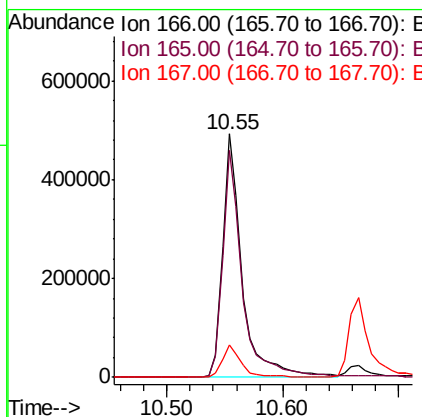
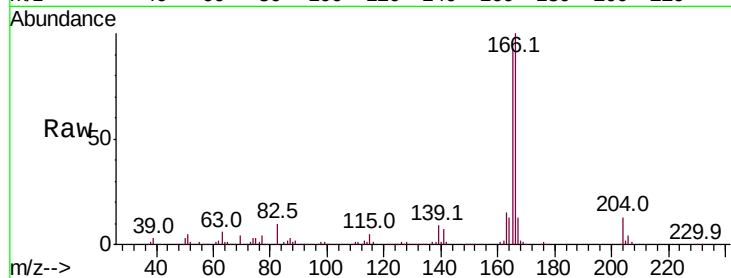




#57
Fluorene
Concen: 28.787 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

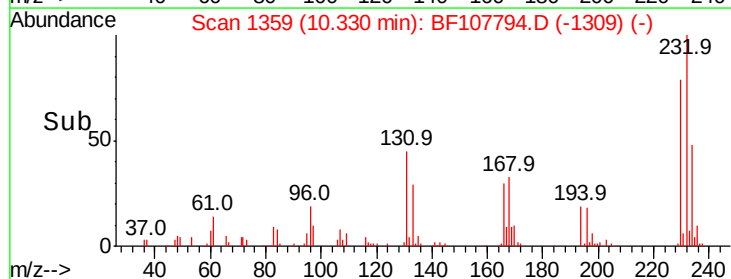
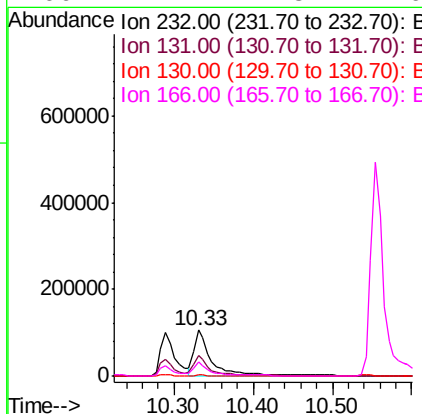
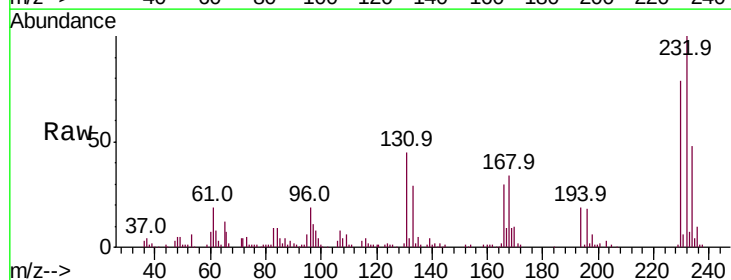
Instrument :
BNA_F
ClientSampleId :

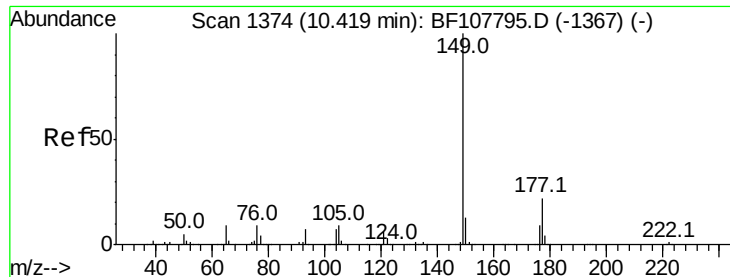
Tot Ion:166 Resp: 572316
Ion Ratio Lower Upper
166 100
165 93.4 79.8 119.8
167 13.1 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 28.552 ng
RT: 10.33 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Tgt Ion:232 Resp: 160147
Ion Ratio Lower Upper
232 100
131 40.9 43.8 65.8#
130 1.7 2.1 3.1#
166 24.7 27.8 41.6#

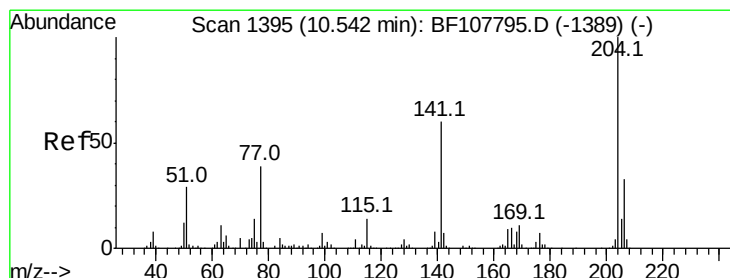
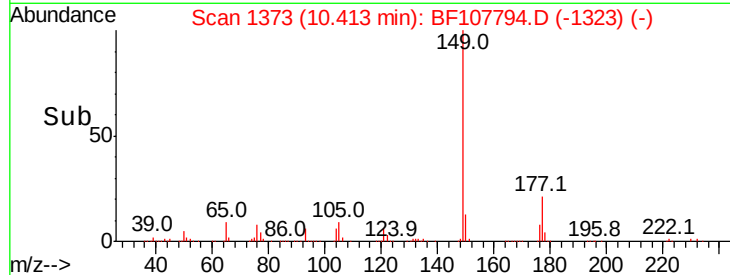
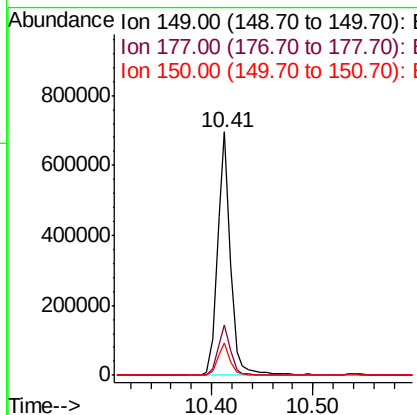
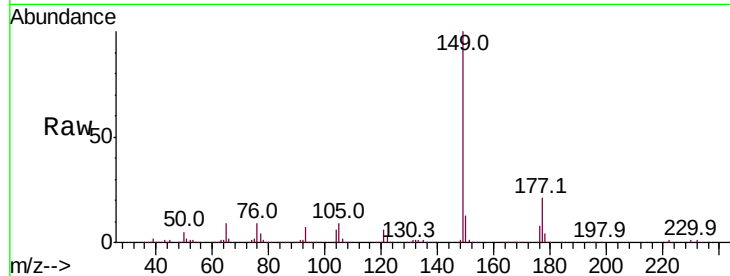




#59
 Diethylphthalate
 Concen: 26.058 ng
 RT: 10.41 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

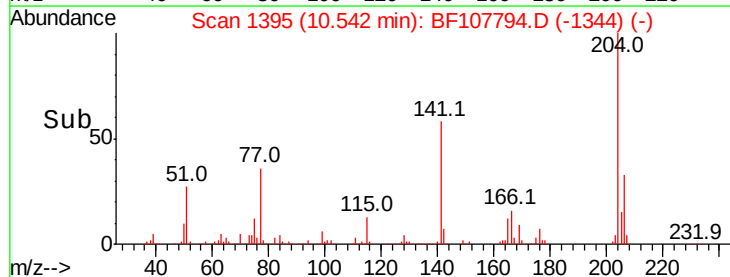
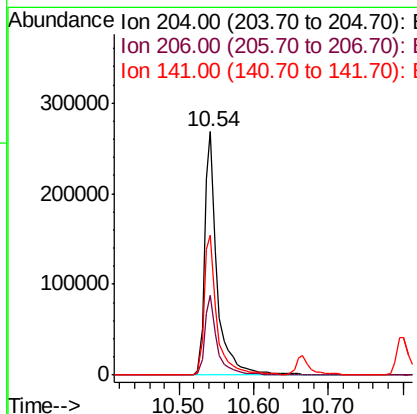
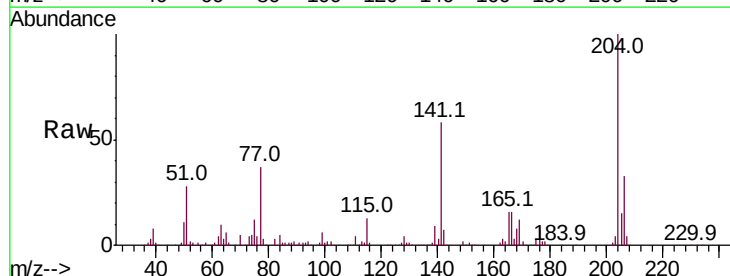
Instrument :
 BNA_F
 ClientSampled :

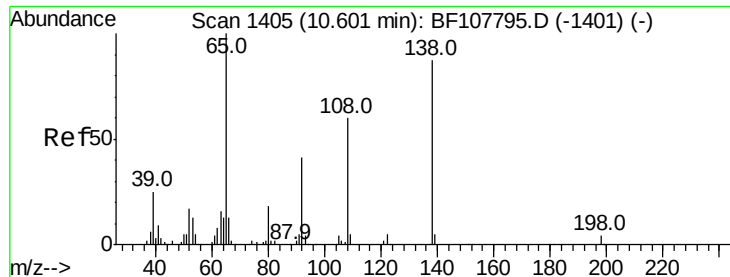
Tot Ion:	149	Resp:	619504
Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.1	24.1
150	13.1	10.1	15.1



#60
 4-Chlorophenyl-phenylether
 Concen: 28.033 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

Tgt Ion:	204	Resp:	315077
Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	57.7	54.6	81.8

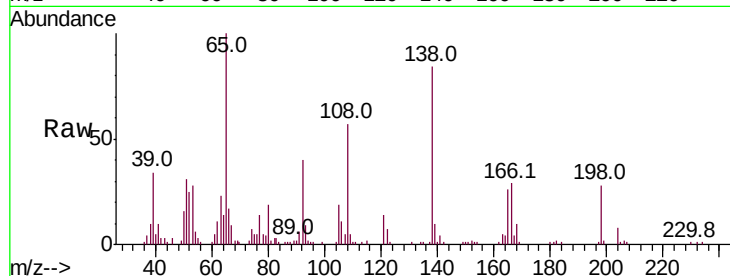




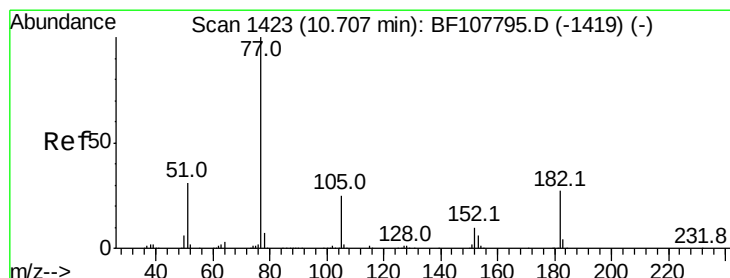
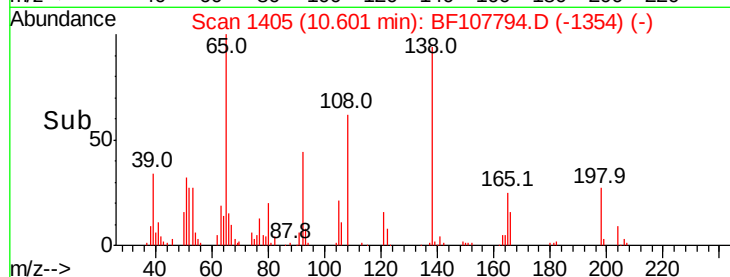
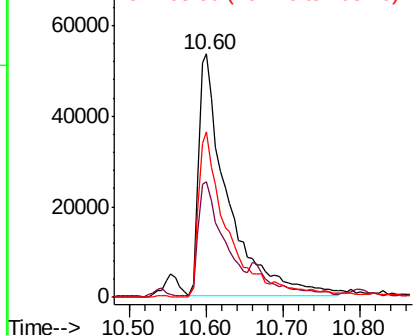
#61
4-Nitroaniline
Concen: 30.169 ng
RT: 10.60 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 139363
Ion Ratio Lower Upper
138 100
92 47.7 30.2 70.2
108 67.7 52.5 92.5

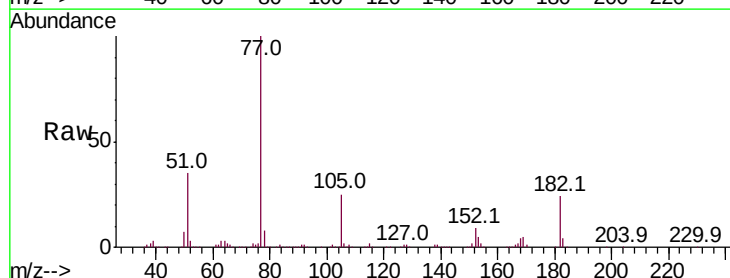


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

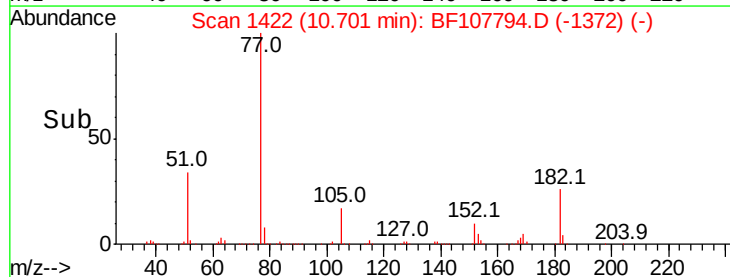
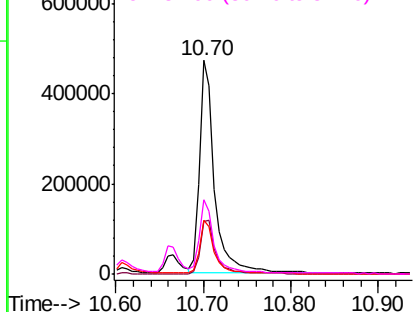


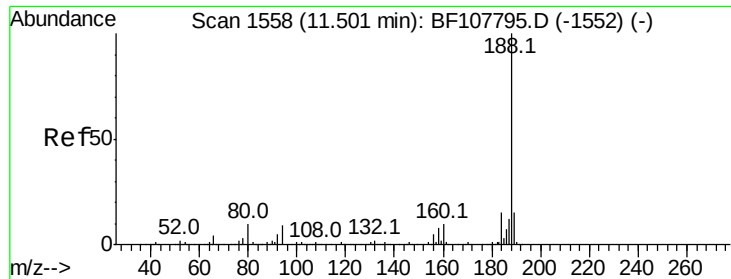
#62
Azobenzene
Concen: 25.259 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Tgt Ion: 77 Resp: 563086
Ion Ratio Lower Upper
77 100
182 24.5 1.7 41.7
105 25.0 3.0 43.0
51 35.0 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

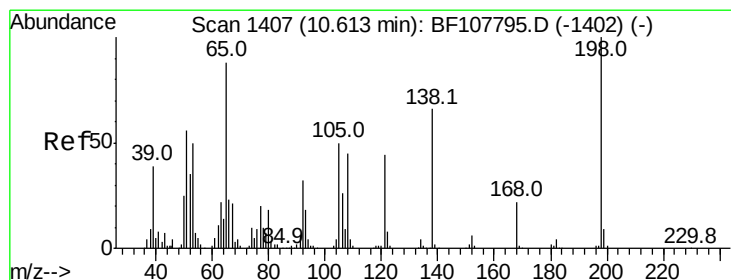
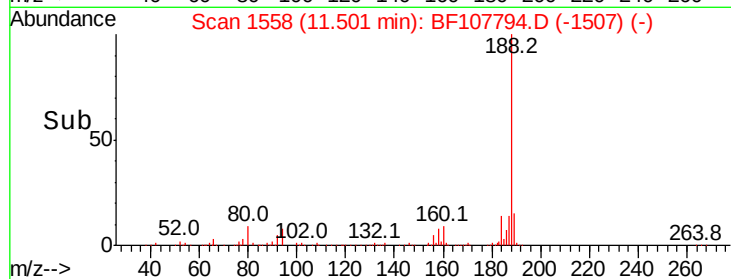
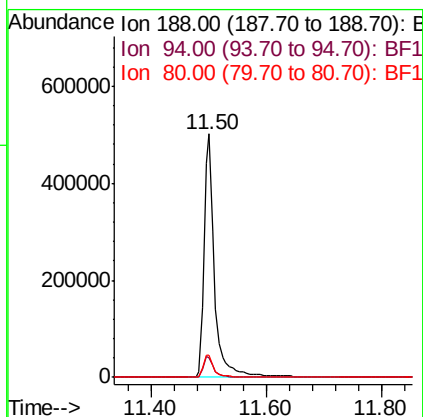
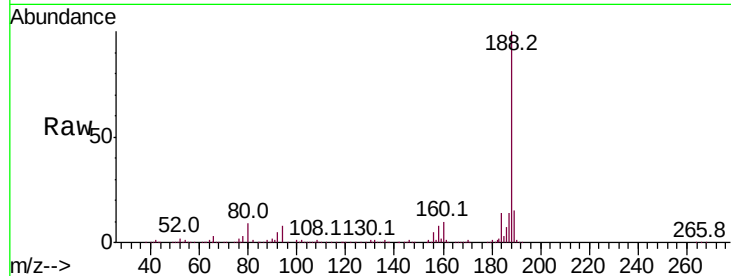




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

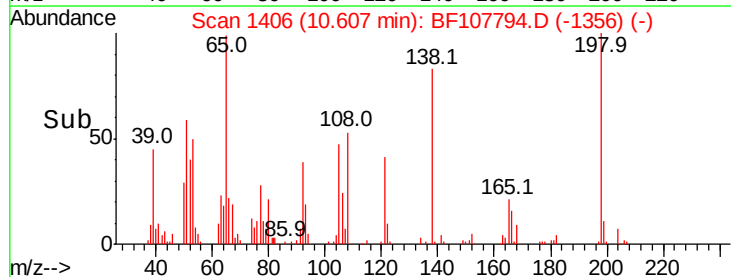
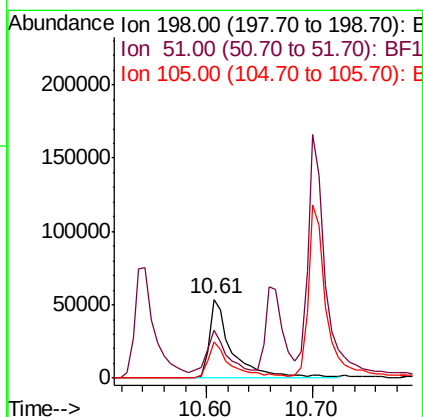
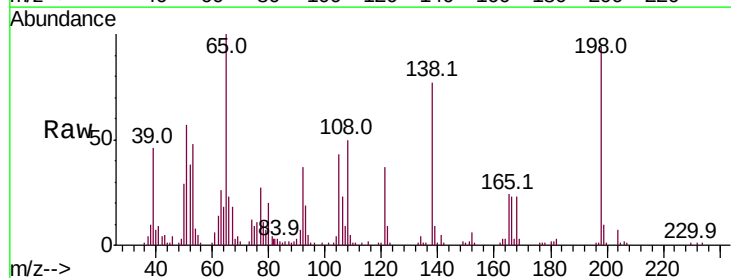
Instrument :
BNA_F
ClientSampleId :

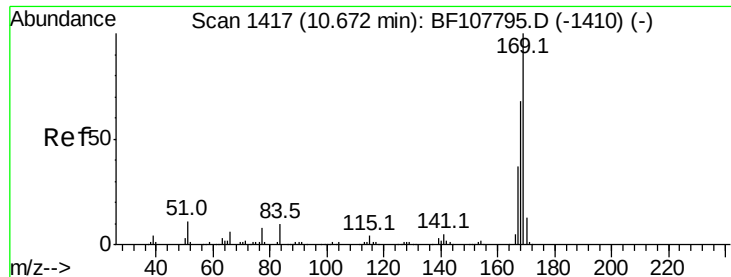
Tot Ion:188 Resp: 648348
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 9.1 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 29.722 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Tgt Ion:198 Resp: 80662
Ion Ratio Lower Upper
198 100
51 60.3 37.7 77.7
105 46.2 36.3 76.3

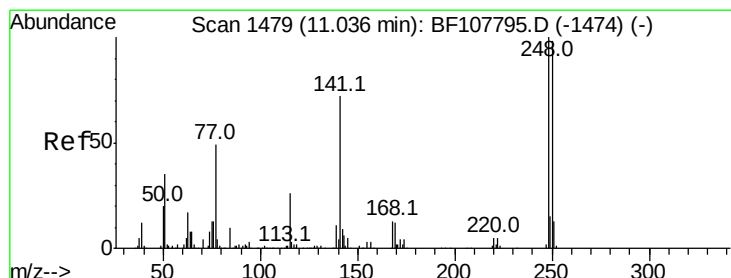
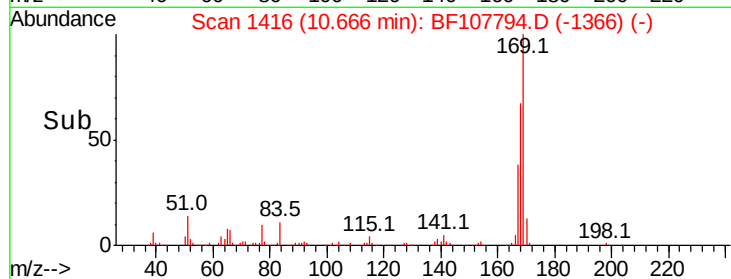
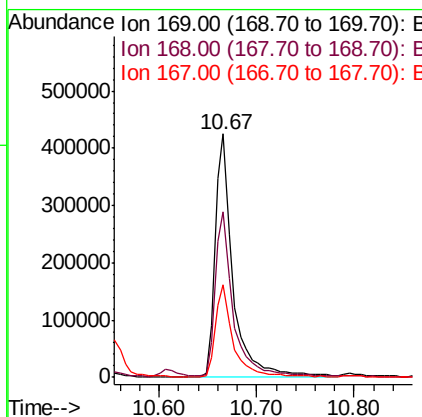
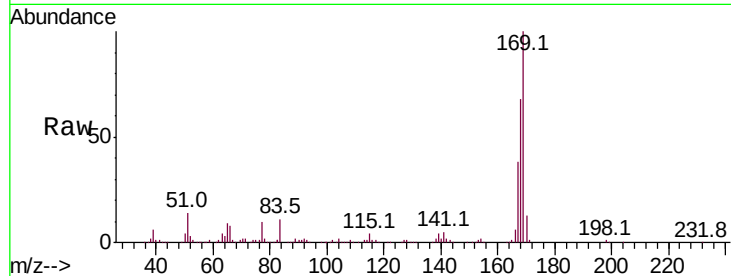




#65
 n-Nitrosodiphenylamine
 Concen: 24.334 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

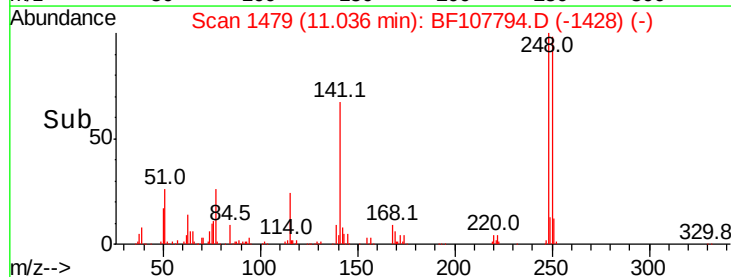
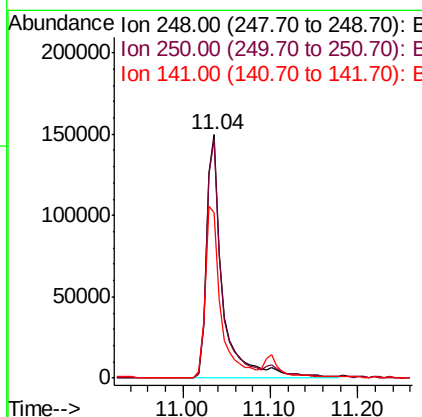
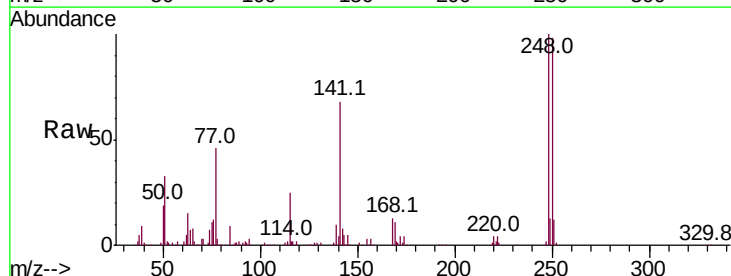
Instrument :
 BNA_F
 ClientSampleId :

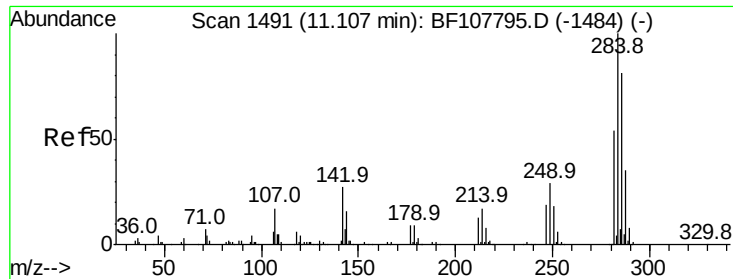
Tot Ion:169 Resp: 535813
 Ion Ratio Lower Upper
 169 100
 168 68.0 54.4 81.6
 167 38.1 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 25.345 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

Tgt Ion:248 Resp: 193437
 Ion Ratio Lower Upper
 248 100
 250 98.1 76.9 115.3
 141 67.9 74.4 111.6#

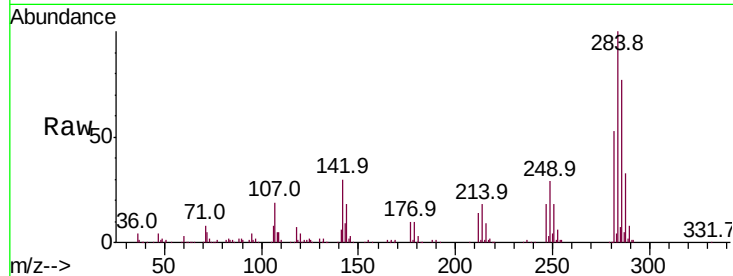




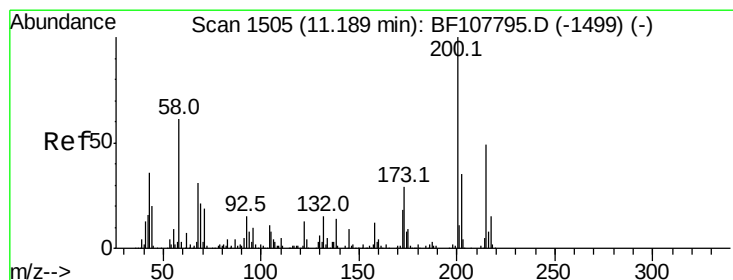
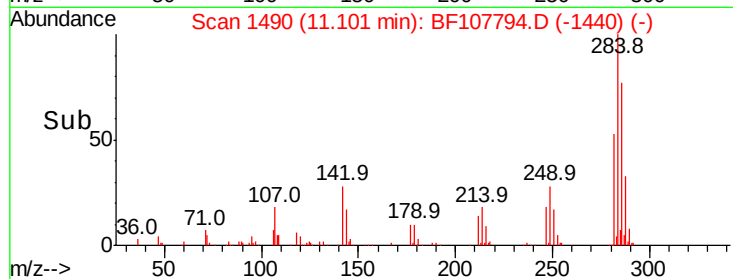
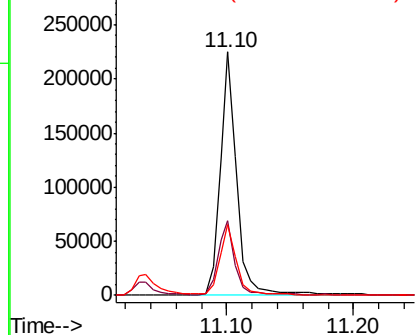
#67
Hexachlorobenzene
Concen: 24.731 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.5	34.6	52.0#
249	29.0	24.8	37.2

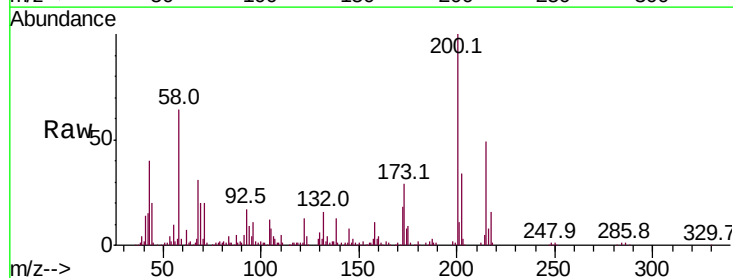


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

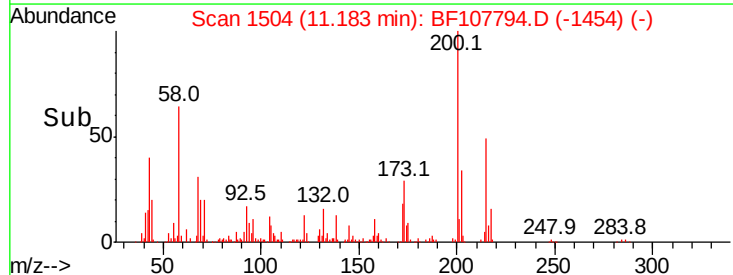
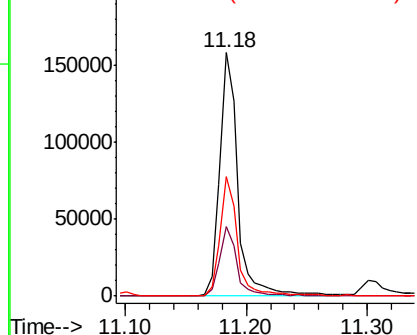


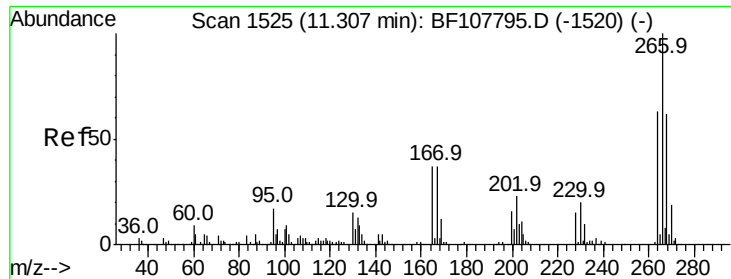
#68
Atrazine
Concen: 24.257 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.7	8.6	48.6
215	49.2	25.1	65.1



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

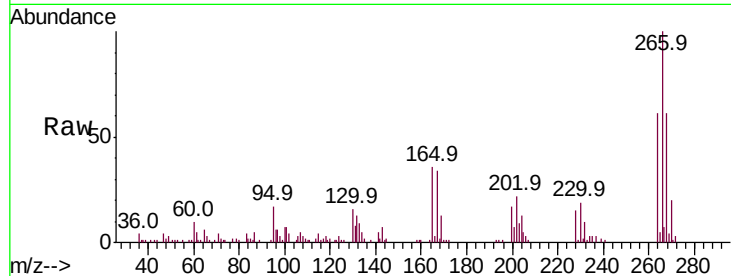




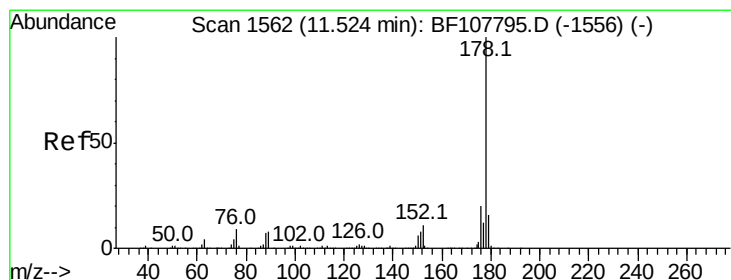
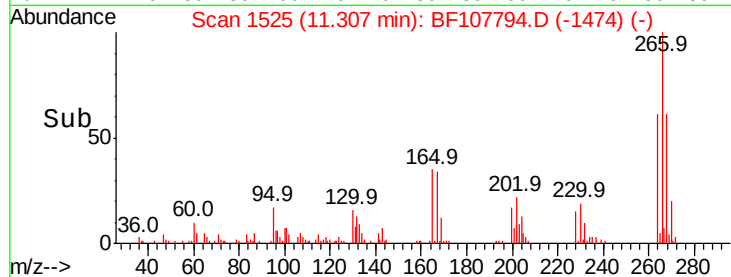
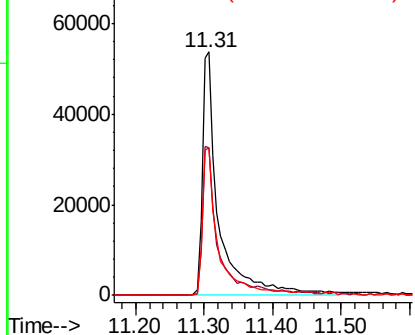
#69
 Pentachlorophenol
 Concen: 17.480 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 91689
 Ion Ratio Lower Upper
 266 100
 268 60.8 51.1 76.7
 264 60.6 49.5 74.3

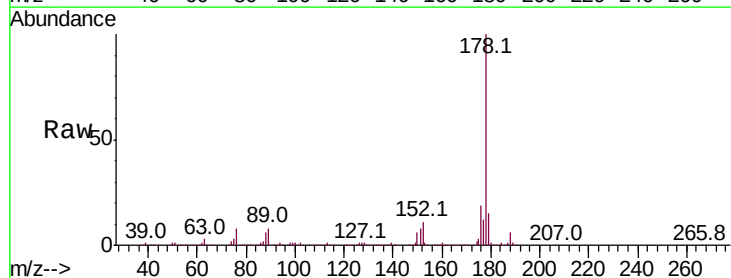


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

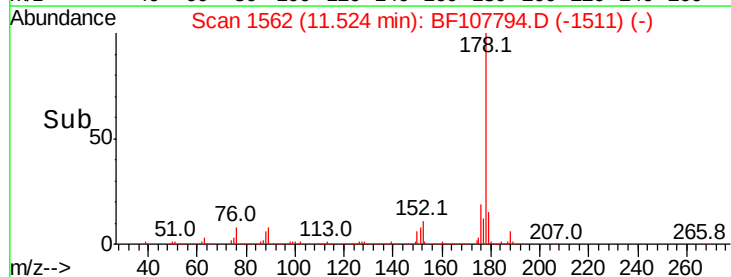
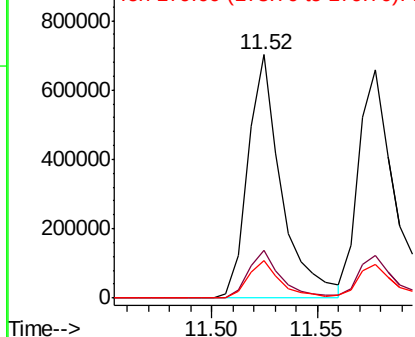


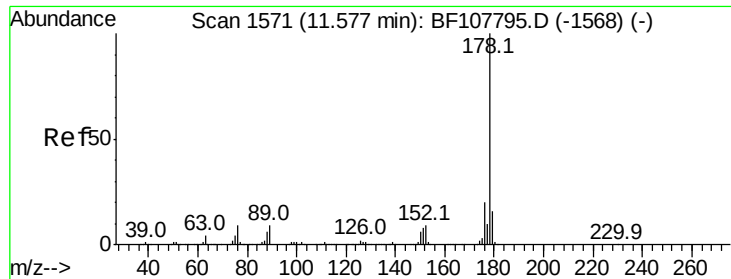
#70
 Phenanthrene
 Concen: 24.555 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

Tgt Ion:178 Resp: 775784
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.4 13.0 19.6



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

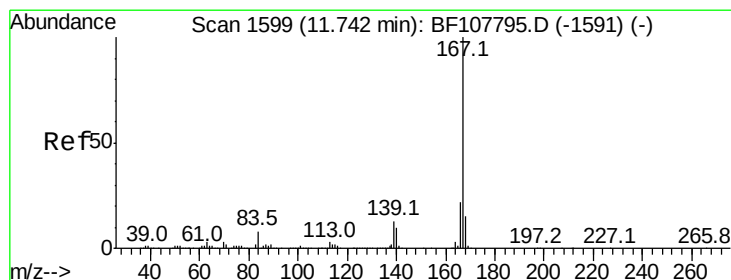
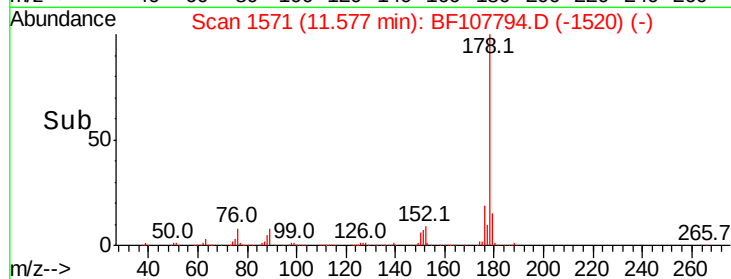
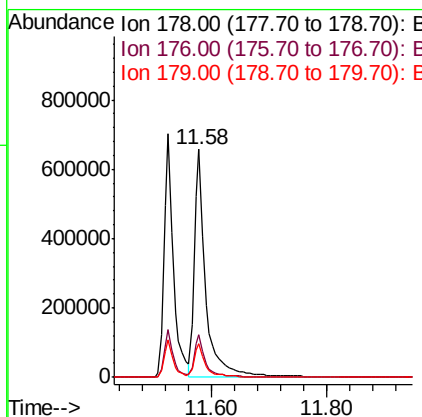
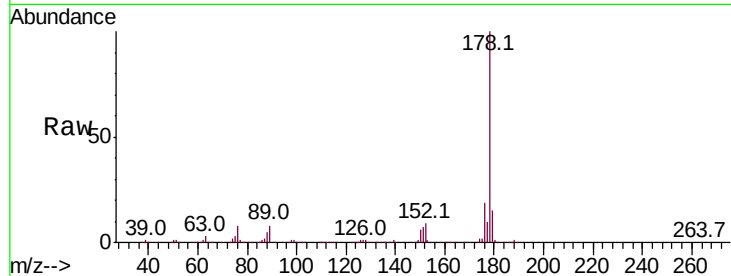




#71
 Anthracene
 Concen: 28.302 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

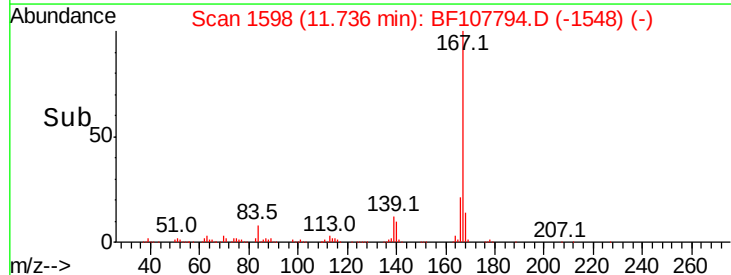
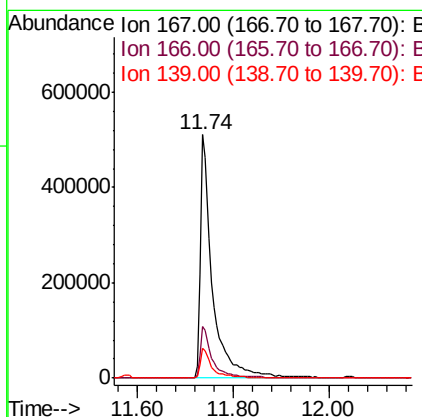
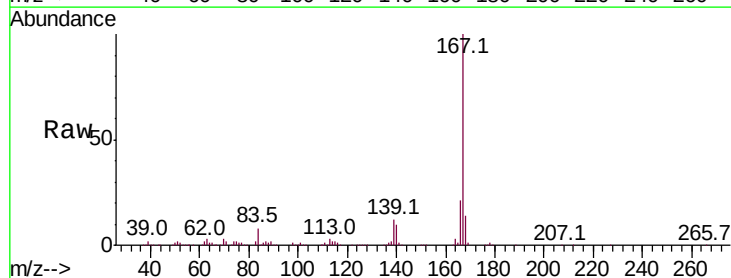
Instrument :
 BNA_F
 ClientSampleId :

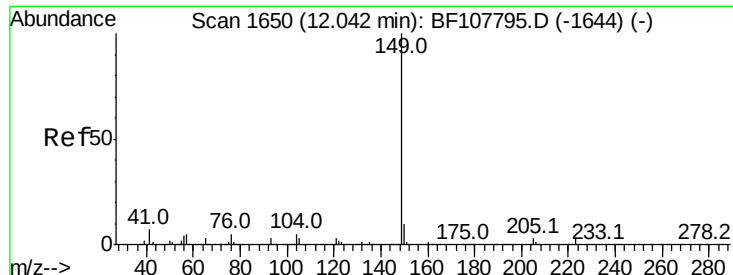
Tot Ion:178 Resp: 900309
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 14.9 12.6 19.0



#72
 Carbazole
 Concen: 27.126 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

Tgt Ion:167 Resp: 897299
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.6 26.4
 139 12.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 26.359 ng

RT: 12.04 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BF107794.D

Acq: 30 Jul 2018 12:10

Instrument :

BNA_F

ClientSampleId :

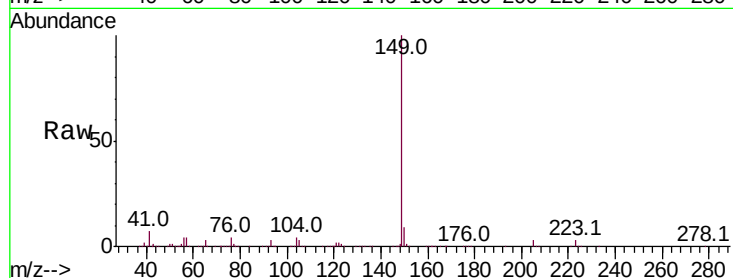
Tot Ion:149 Resp: 987121

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

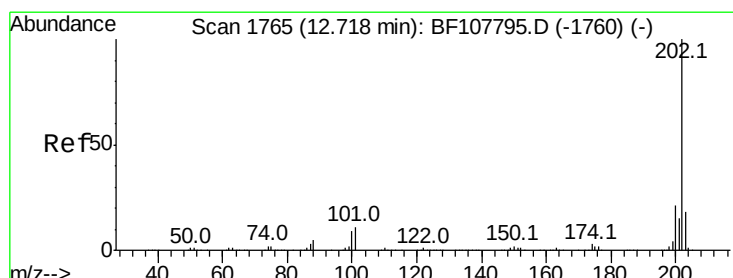
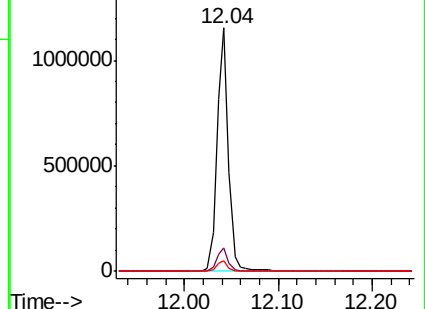
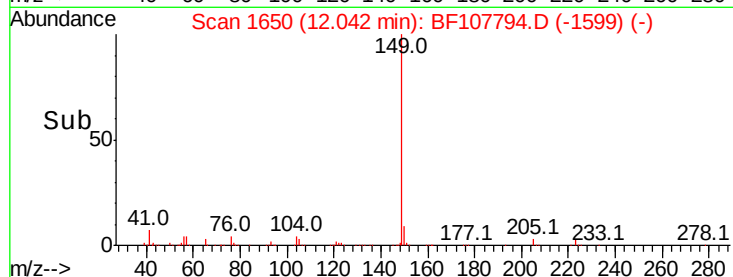
104 4.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 27.269 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF107794.D

Acq: 30 Jul 2018 12:10

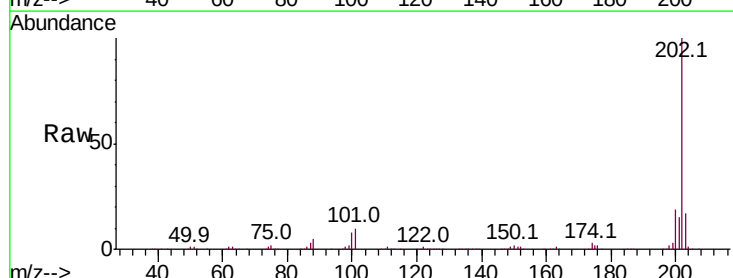
Tgt Ion:202 Resp: 924508

Ion Ratio Lower Upper

202 100

101 10.3 0.0 34.1

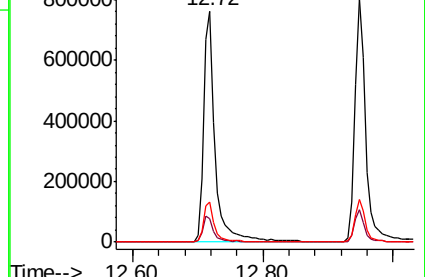
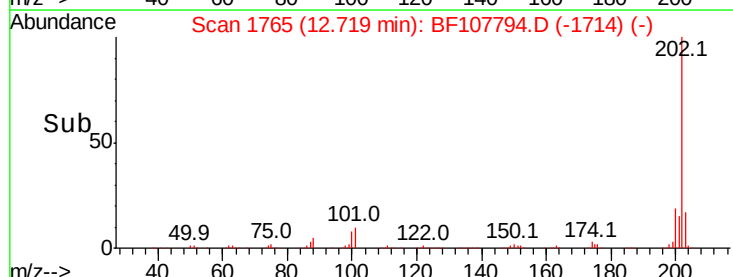
203 17.4 0.0 38.1

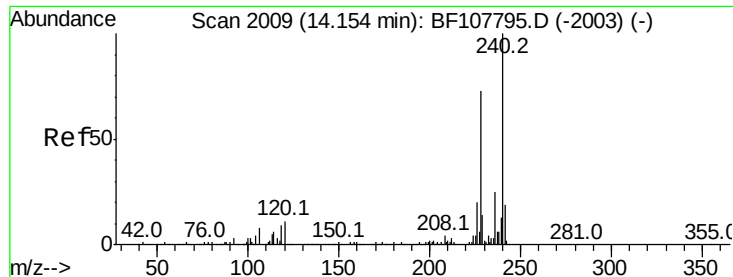


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107794.D

Acq: 30 Jul 2018 12:10

Instrument :

BNA_F

ClientSampleId :

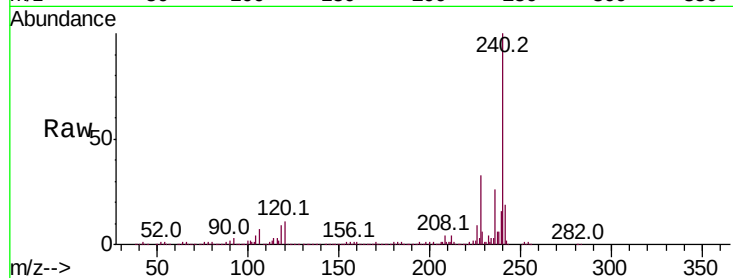
Tot Ion:240 Resp: 514921

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	26.1	20.7	31.1

240 100

120 10.6 9.5 14.3

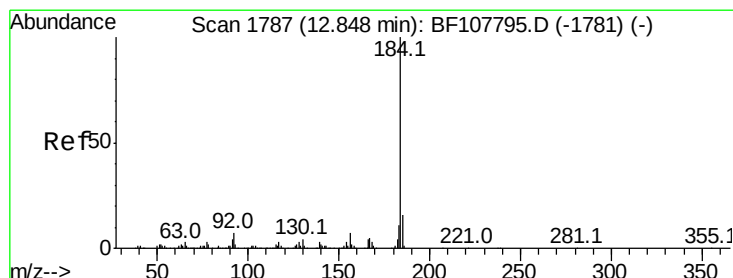
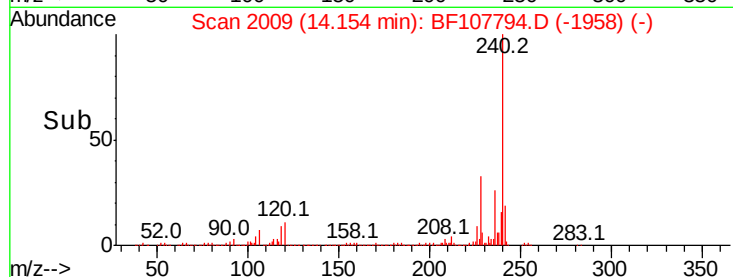
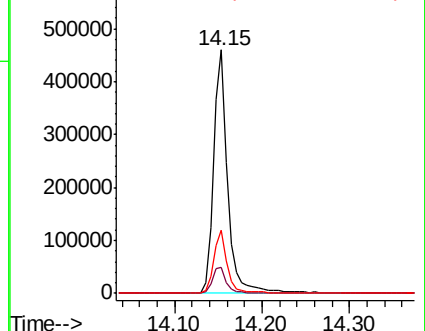
236 26.1 20.7 31.1



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: 26.825 ng

RT: 12.85 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF107794.D

Acq: 30 Jul 2018 12:10

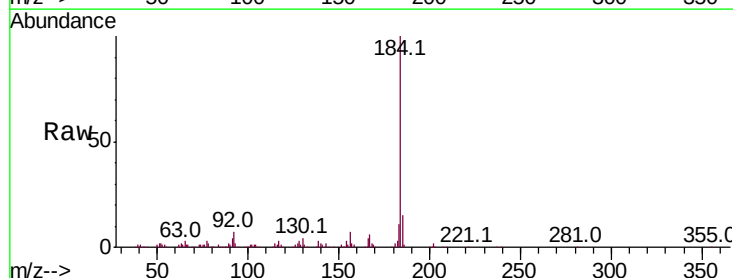
Tgt Ion:184 Resp: 397789

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.6	18.8
183	10.9	9.3	13.9

184 100

185 15.4 12.6 18.8

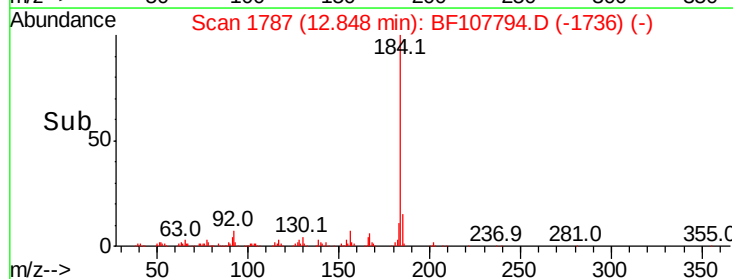
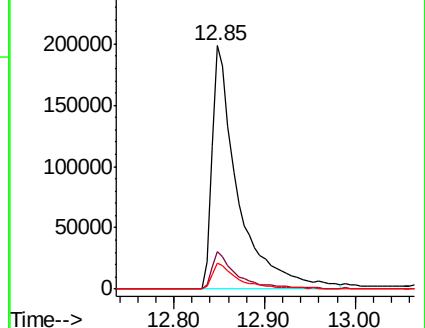
183 10.9 9.3 13.9

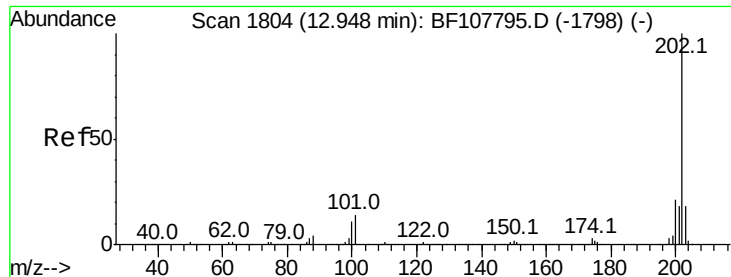


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

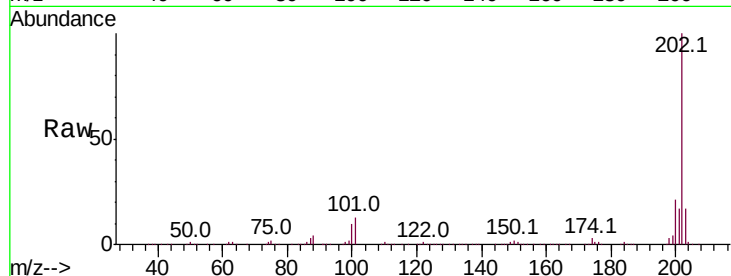




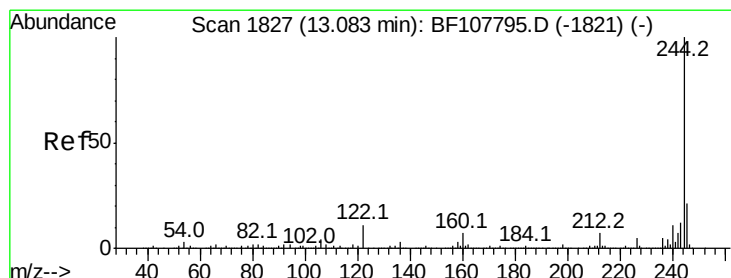
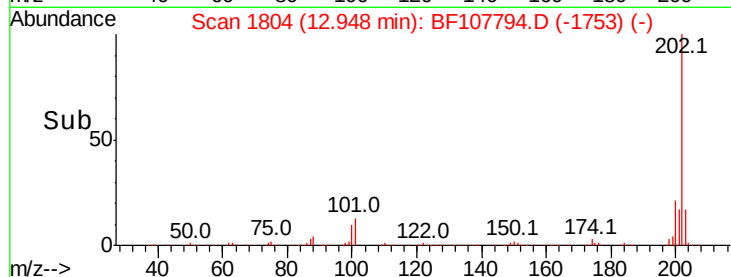
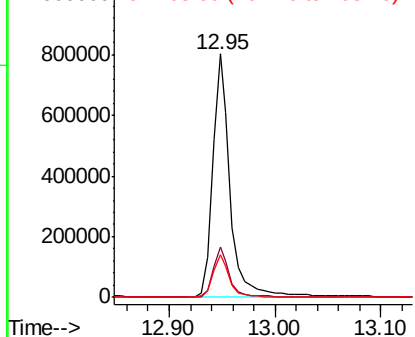
#77
Pvrene
Concen: 26.371 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 928806
Ion Ratio Lower Upper
202 100
200 20.6 17.4 26.2
203 17.3 14.3 21.5

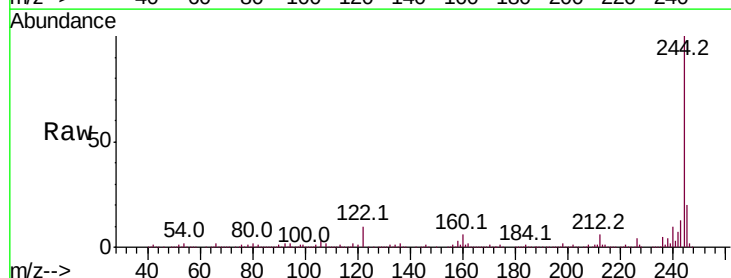


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

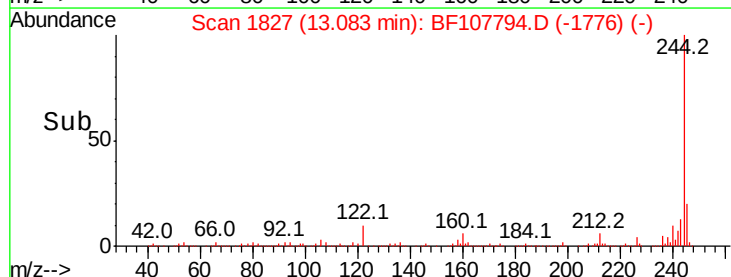
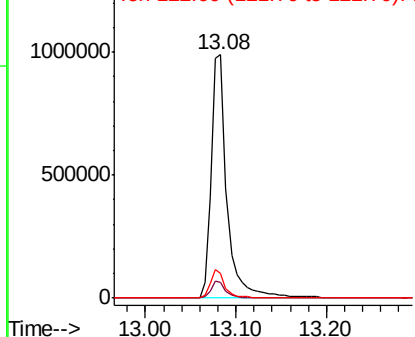


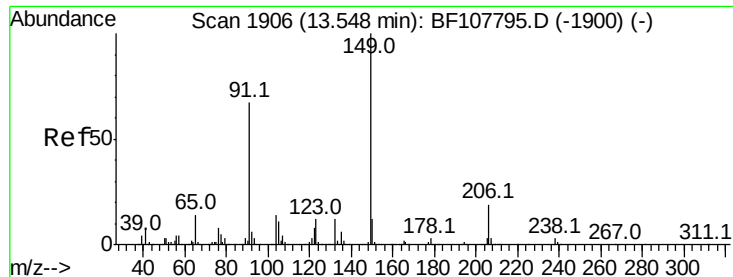
#78
Terphenyl-d14
Concen: 60.308 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Tgt Ion:244 Resp: 1213002
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 10.0 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

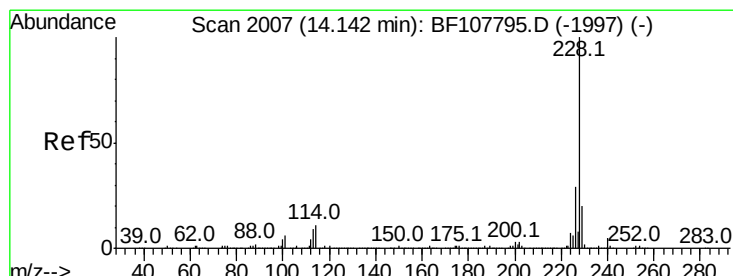
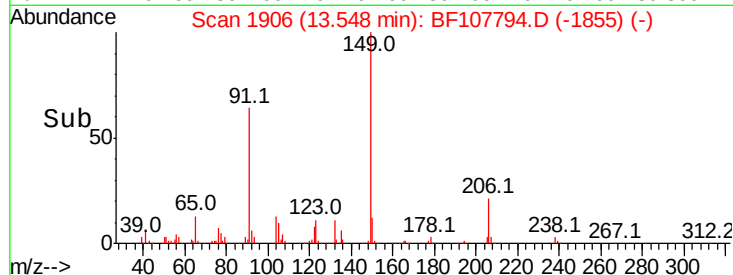
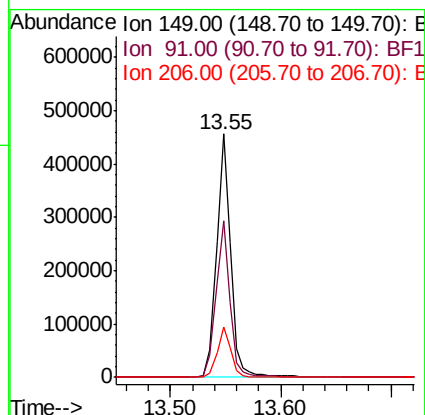
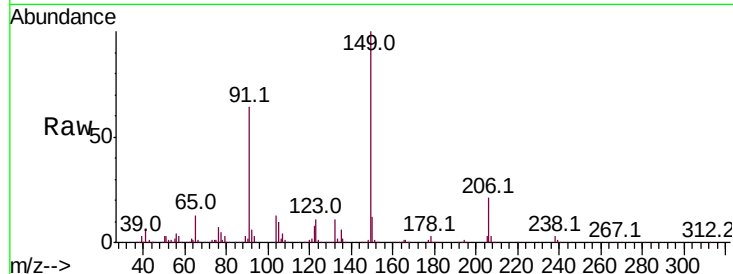




#79
Butylbenzylphthalate
Concen: 26.476 ng
RT: 13.55 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

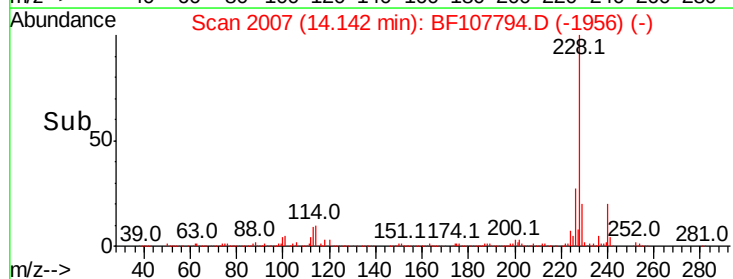
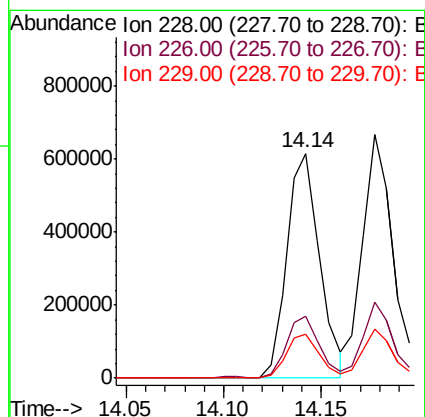
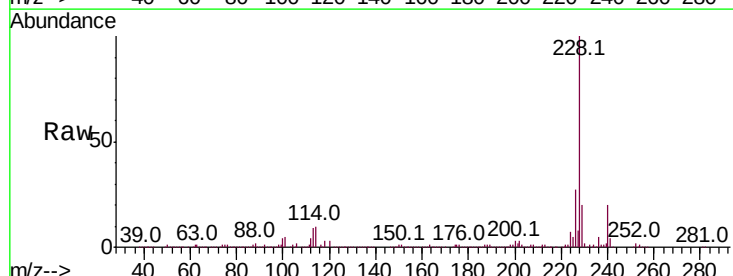
Instrument :
BNA_F
ClientSampleId :

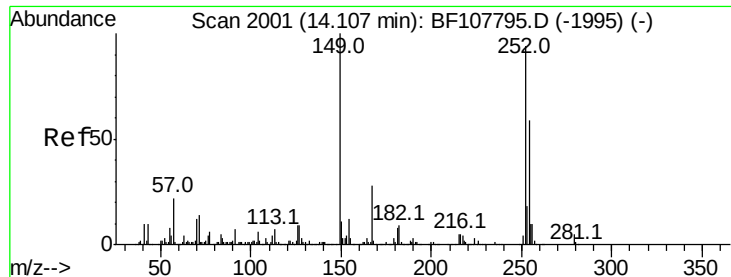
Tot Ion:149 Resp: 401034
Ion Ratio Lower Upper
149 100
91 64.5 56.8 85.2
206 20.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 23.713 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Tgt Ion:228 Resp: 715561
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.8 15.8 23.6

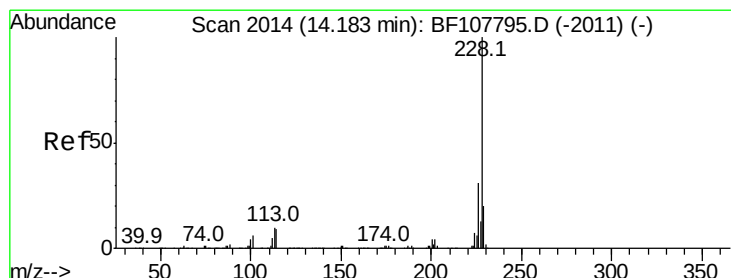
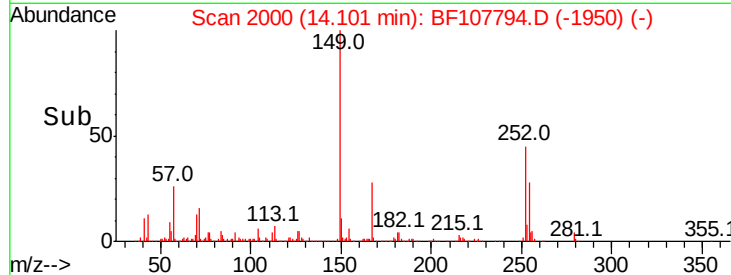
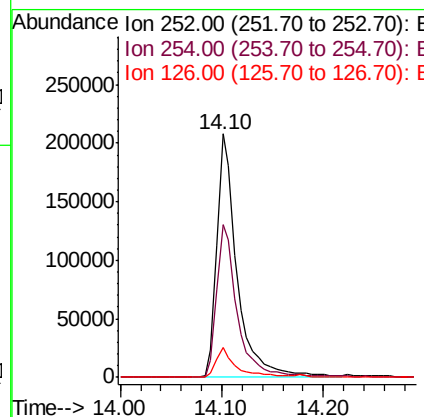
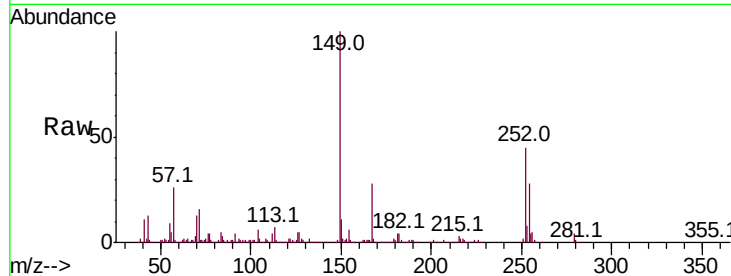




#81
 3,3'-Dichlorobenzidine
 Concen: 30.370 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

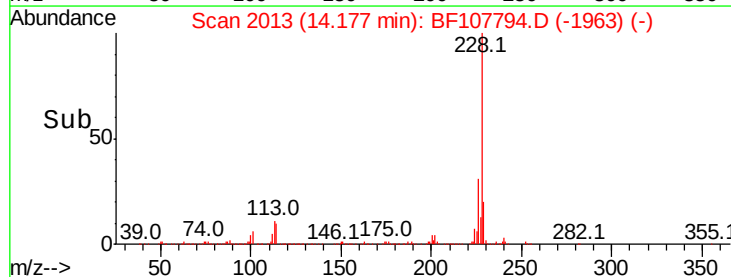
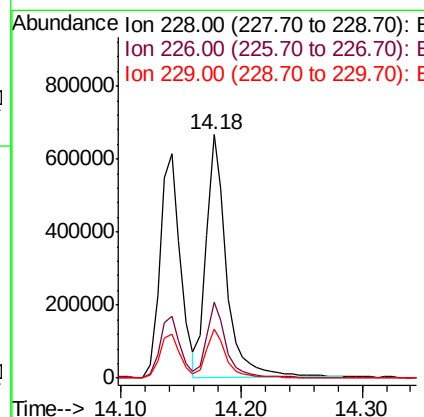
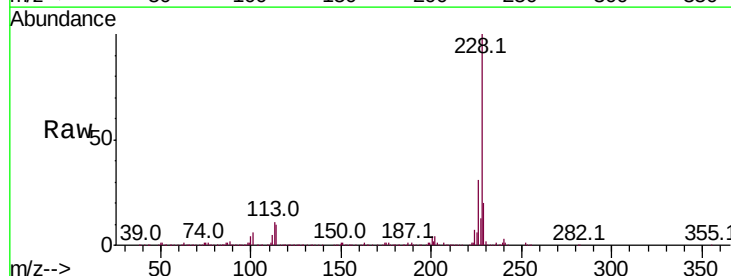
Instrument :
 BNA_F
 ClientSampled :

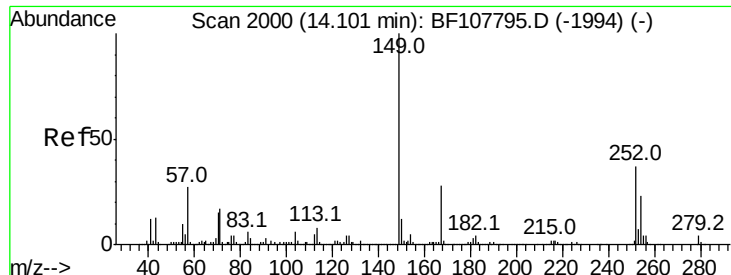
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	50.4	75.6
126	12.2	11.3	16.9



#82
 Chrysene
 Concen: 26.616 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.0	16.2	24.4

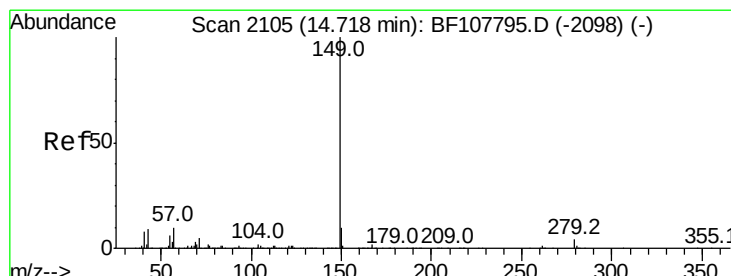
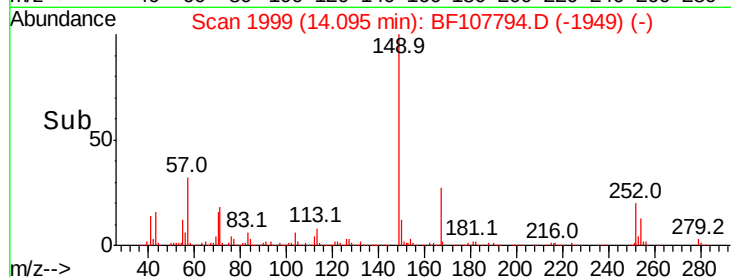
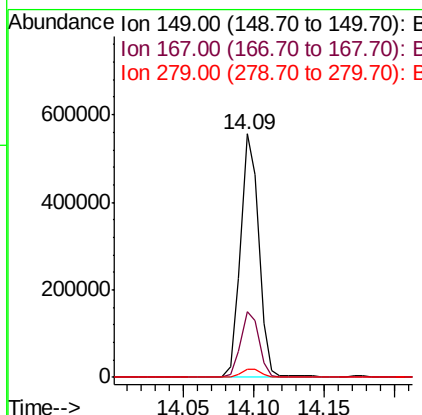
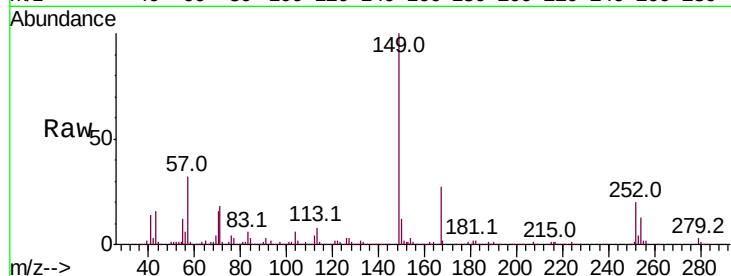




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 23.624 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

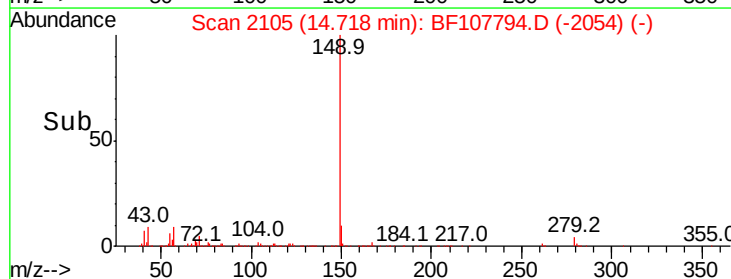
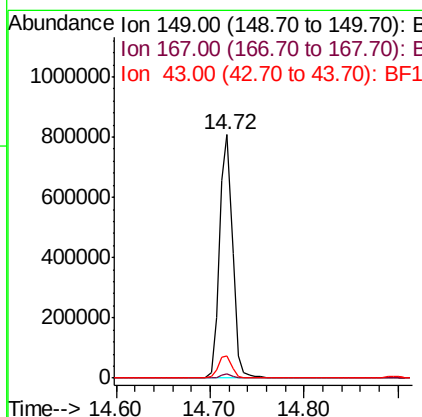
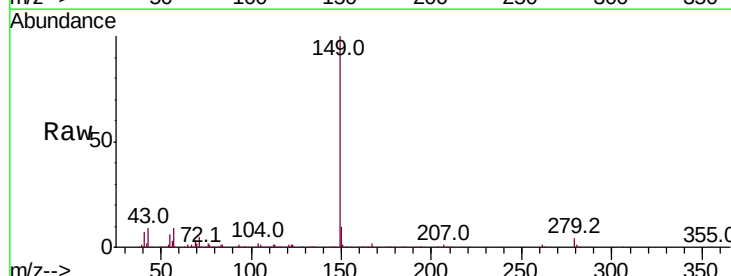
Instrument :
 BNA_F
 ClientSampleId :

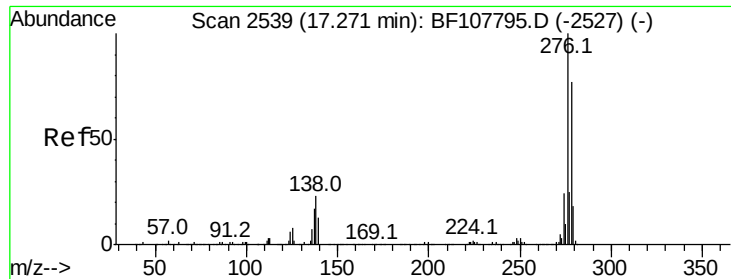
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	3.4	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 23.654 ng
 RT: 14.72 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.7	8.4	12.6

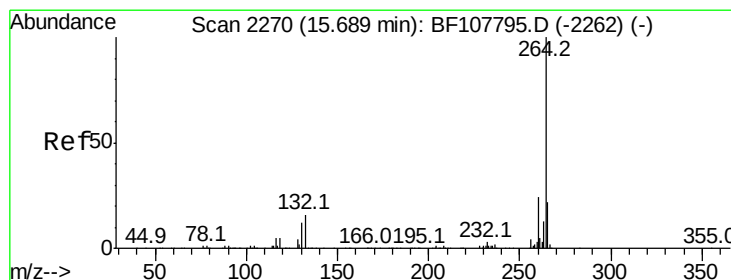
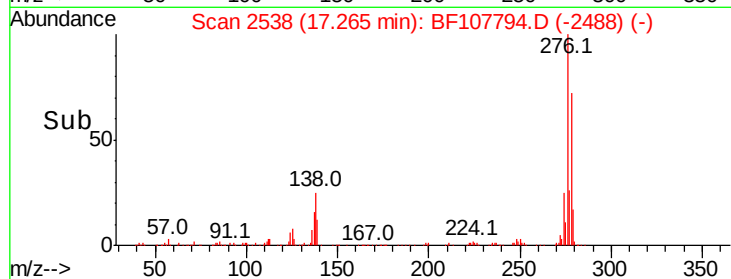
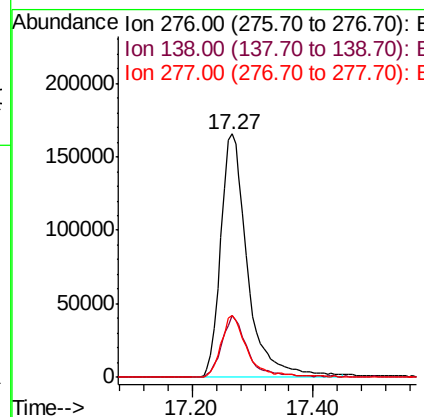
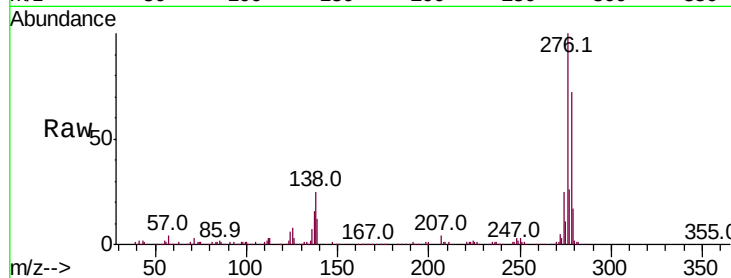




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 20.789 ng
 RT: 17.27 min Scan# 2538
 Delta R.T. -0.01 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

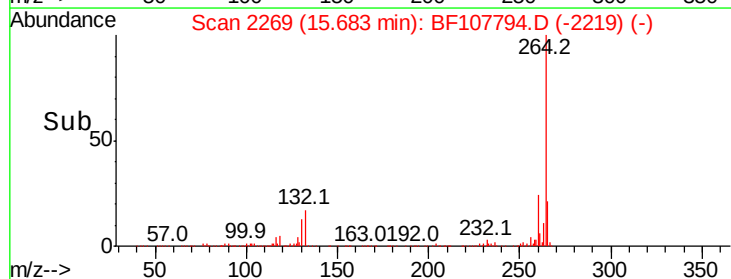
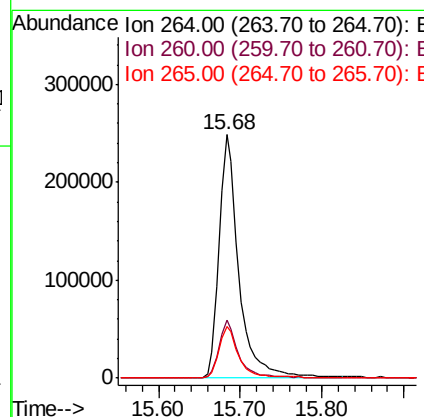
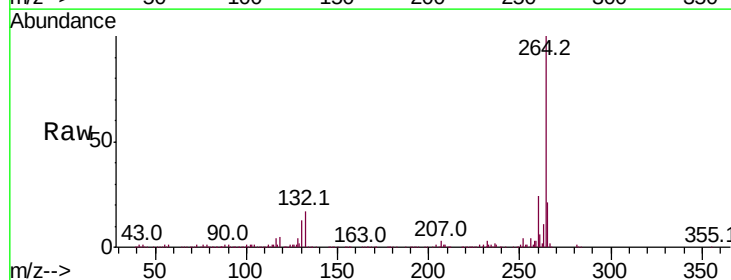
Instrument :
 BNA_F
 ClientSampleId :

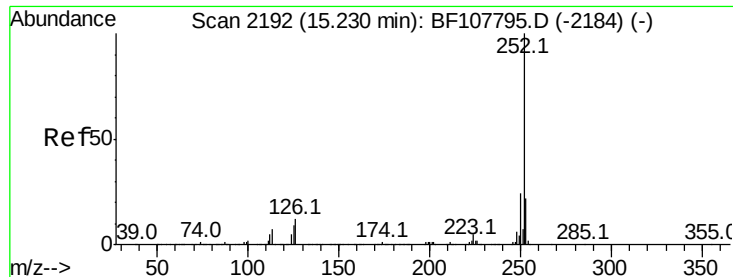
Tot Ion:276 Resp: 510713
 Ion Ratio Lower Upper
 276 100
 138 24.2 25.0 37.6#
 277 24.5 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

Tgt Ion:264 Resp: 422147
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.9 17.5 26.3

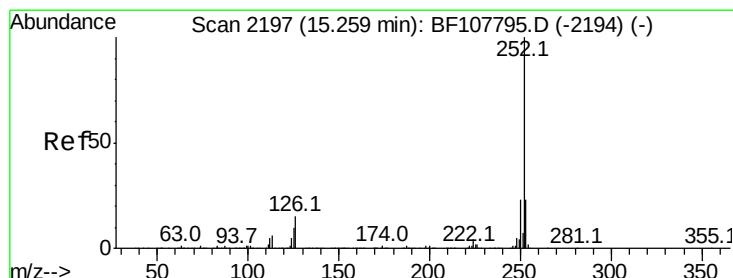
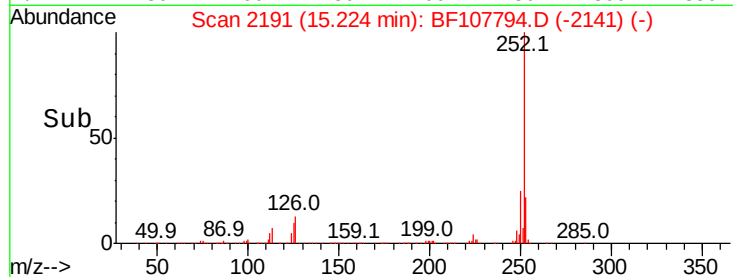
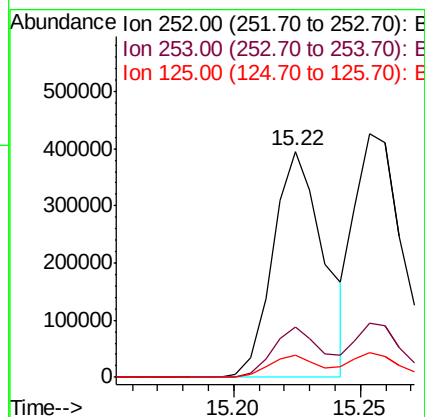
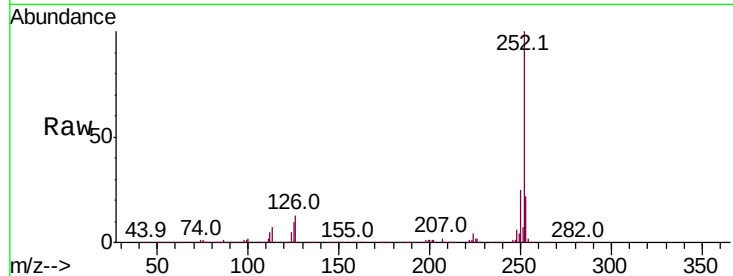




#87
Benzo(b)fluoranthene
Concen: 24.021 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

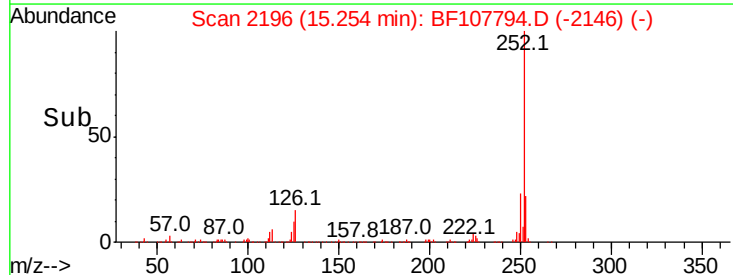
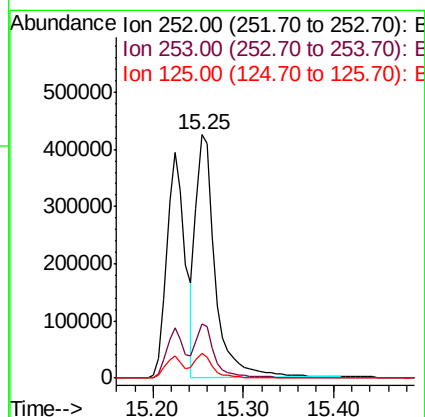
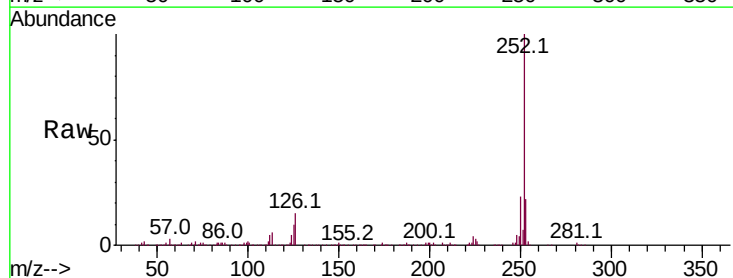
Instrument :
BNA_F
ClientSampleId :

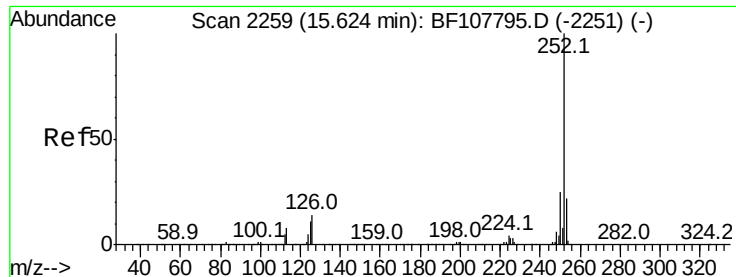
Tot Ion:252 Resp: 554983
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 9.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 27.771 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Tgt Ion:252 Resp: 628612
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 10.2 10.2 15.2

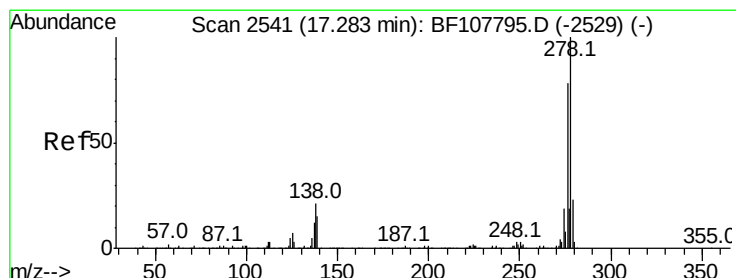
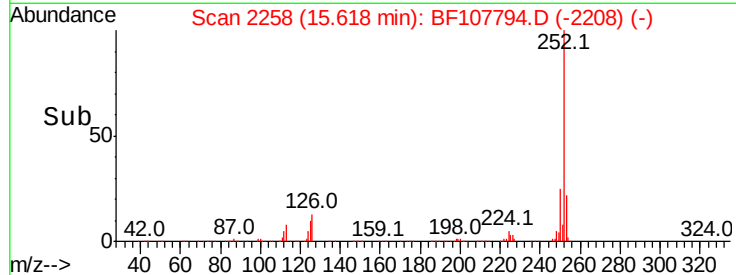
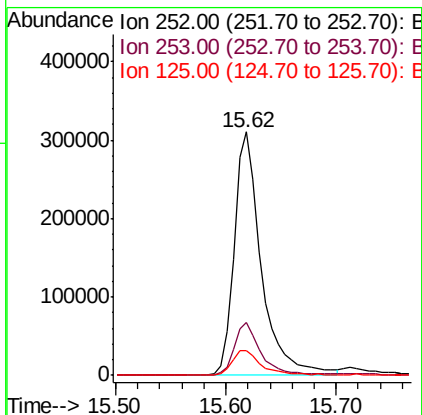
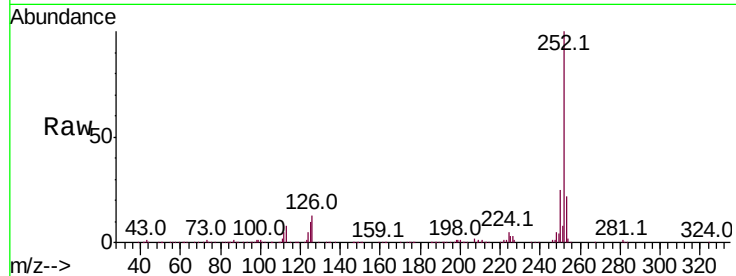




#89
Benzo(a)pyrene
Concen: 25.217 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

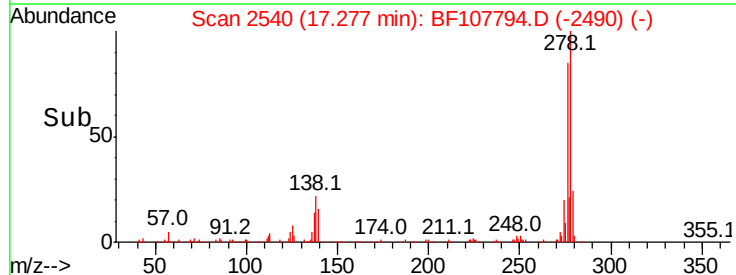
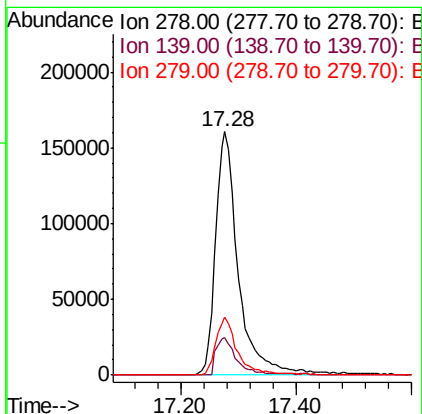
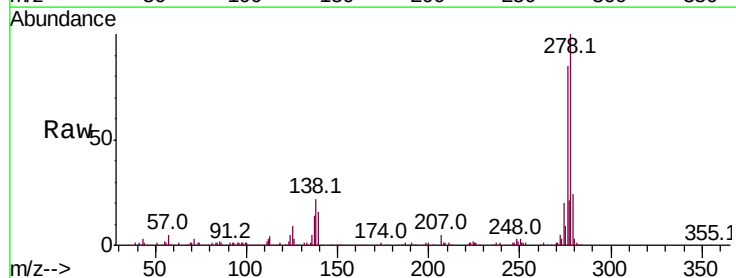
Instrument :
BNA_F
ClientSampleId :

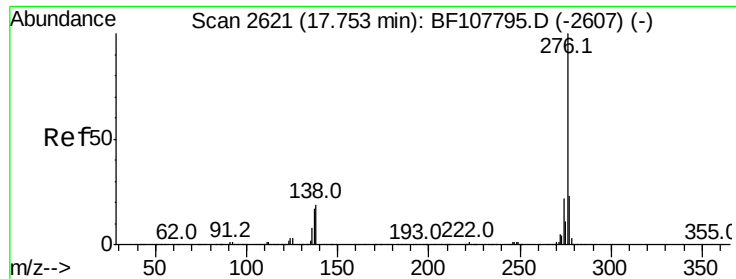
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	10.4	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 24.026 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BF107794.D
Acq: 30 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.6	15.9	23.9#
279	23.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 22.789 ng
 RT: 17.75 min Scan# 2620
 Delta R.T. -0.01 min
 Lab File: BF107794.D
 Acq: 30 Jul 2018 12:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	17.9	26.9
138	17.7	21.8	32.8

