

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080218\
 Data File : BF107907.D
 Acq On : 2 Aug 2018 14:16
 Operator : JU/SJ
 Sample : PB111618BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

Quant Time: Aug 02 15:40:49 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 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	144653	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	626877	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	294220	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	608802	20.00	ng	0.00
75) Chrysene-d12	14.15	240	443476	20.00	ng	0.00
86) Perylene-d12	15.68	264	363461	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	1100620	129.31	ng	0.02
7) Phenol-d6	6.61	99	1321831	117.84	ng	0.00
23) Nitrobenzene-d5	7.52	82	898845	82.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	488562	122.21	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1751726	82.97	ng	0.00
78) Terphenyl-d14	13.08	244	1926349	94.19	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.94	88	159139	40.835	ng	89
3) Pyridine	3.73	79	299147	32.294	ng	# 85
4) n-Nitrosodimethylamine	3.70	42	85986	19.855	ng	98
6) Aniline	6.64	93	462167	39.612	ng	# 47
8) 2-Chlorophenol	6.75	128	465593	43.549	ng	95
9) Benzaldehyde	6.52	77	93038	13.747	ng	95
10) Phenol	6.62	94	567448	42.420	ng	79
11) bis(2-Chloroethyl)ether	6.70	93	387264	32.557	ng	98
12) 1,3-Dichlorobenzene	6.90	146	477049	42.543	ng	98
13) 1,4-Dichlorobenzene	6.97	146	541498	43.381	ng	98
14) 1,2-Dichlorobenzene	7.12	146	445744	38.469	ng	99
15) Benzyl Alcohol	7.11	79	311907	44.736	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.22	45	722989	42.275	ng	59
17) 2-Methylphenol	7.22	107	372567	47.206	ng	# 79
18) Hexachloroethane	7.45	117	183845	40.976	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	313045	43.993	ng	98
20) 3+4-Methylphenols	7.38	107	445372	45.963	ng	# 71
22) Acetophenone	7.37	105	663219	43.975	ng	# 94
24) Nitrobenzene	7.54	77	442289	38.764	ng	99
25) Isophorone	7.77	82	918315	51.413	ng	99
26) 2-Nitrophenol	7.86	139	274851	47.999	ng	99
27) 2,4-Dimethylphenol	7.90	122	396969	51.780	ng	96
28) bis(2-Chloroethoxy)methane	7.98	93	555894	47.225	ng	99
29) 2,4-Dichlorophenol	8.11	162	403538	46.535	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	431133	43.580	ng	98
31) Naphthalene	8.26	128	1413591	48.510	ng	99
32) Benzoic acid	8.04	122	193500	37.633	ng	94
33) 4-Chloroaniline	8.32	127	470677	37.815	ng	99
34) Hexachlorobutadiene	8.36	225	248705	40.682	ng	98
35) Caprolactam	8.70	113	52590	20.145	ng	# 79
36) 4-Chloro-3-methylphenol	8.81	107	427089	45.348	ng	99
37) 2-Methylnaphthalene	8.95	142	927772	50.686	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	450489	44.908	ng	97
40) Hexachlorocyclopentadiene	9.10	237	365052	84.118	ng	96

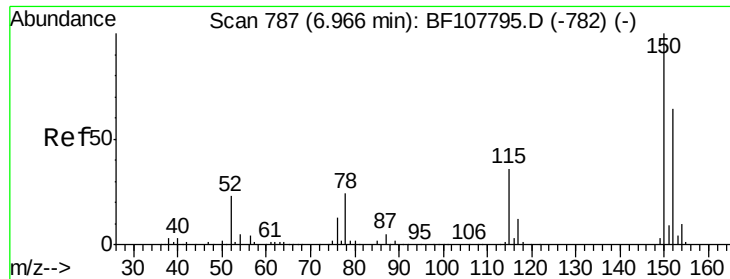
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080218\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	262107	47.263	ng	97
43) 2,4,5-Trichlorophenol	9.29	196	290461	43.506	ng	95
45) 1,1'-Biphenyl	9.41	154	1174706	43.872	ng	98
46) 2-Chloronaphthalene	9.44	162	872729	43.222	ng	99
47) 2-Nitroaniline	9.56	65	293698	44.718	ng	94
48) Acenaphthylene	9.86	152	1399725	44.715	ng	99
49) Dimethylphthalate	9.71	163	976878	44.210	ng	99
50) 2,6-Dinitrotoluene	9.79	165	213341	44.428	ng	91
51) Acenaphthene	10.03	154	775422	42.644	ng	99
52) 3-Nitroaniline	9.98	138	189893	31.382	ng	94
53) 2,4-Dinitrophenol	10.08	184	219873	86.153	ng	# 29
54) Dibenzofuran	10.21	168	1176629	41.865	ng	97
55) 4-Nitrophenol	10.17	139	154323	57.194	ng	94
56) 2,4-Dinitrotoluene	10.20	165	266756	42.266	ng	# 86
57) Fluorene	10.55	166	980835	44.905	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.33	232	286995	46.802	ng	# 79
59) Diethylphthalate	10.41	149	1003095	42.223	ng	97
60) 4-Chlorophenyl-phenylether	10.54	204	483663	40.648	ng	91
61) 4-Nitroaniline	10.61	138	237640	44.254	ng	95
62) Azobenzene	10.70	77	947551	42.825	ng	97
64) 4,6-Dinitro-2-methylphenol	10.61	198	142504	43.026	ng	92
65) n-Nitrosodiphenylamine	10.66	169	852528	42.528	ng	98
66) 4-Bromophenyl-phenylether	11.03	248	313084	44.122	ng	# 87
67) Hexachlorobenzene	11.10	284	330819	42.042	ng	# 87
68) Atrazine	11.18	200	254821	42.950	ng	97
69) Pentachlorophenol	11.30	266	301836	77.922	ng	98
70) Phenanthrene	11.52	178	1333640	46.134	ng	99
71) Anthracene	11.57	178	1568695	47.047	ng	100
72) Carbazole	11.74	167	1434661	43.540	ng	98
73) Di-n-butylphthalate	12.04	149	1519899	42.281	ng	100
74) Fluoranthene	12.71	202	1559359	45.916	ng	97
76) Benzidine	12.85	184	865550	60.365	ng	98
77) Pyrene	12.94	202	1495266	46.824	ng	98
79) Butylbenzylphthalate	13.54	149	641819	45.896	ng	92
80) Benzo(a)anthracene	14.14	228	1172437	46.671	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	328868	33.771	ng	# 97
82) Chrysene	14.18	228	1247264	46.032	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	787626	44.802	ng	100
84) Di-n-octyl phthalate	14.71	149	1224585	43.397	ng	96
85) Indeno(1,2,3-cd)pyrene	17.27	276	941173	45.666	ng	# 93
87) Benzo(b)fluoranthene	15.22	252	815643	45.501	ng	98
88) Benzo(k)fluoranthene	15.22	252	815643	37.060	ng	97
89) Benzo(a)pyrene	15.62	252	882084	47.665	ng	98
90) Dibenzo(a,h)anthracene	17.28	278	787275	48.771	ng	# 96
91) Benzo(g,h,i)perylene	17.74	276	774685	49.598	ng	94

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

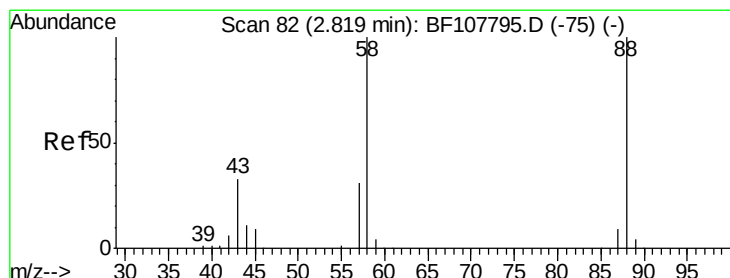
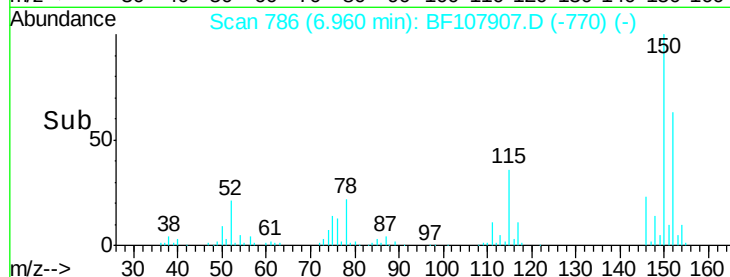
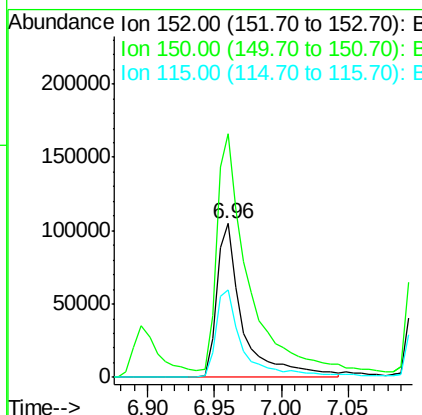
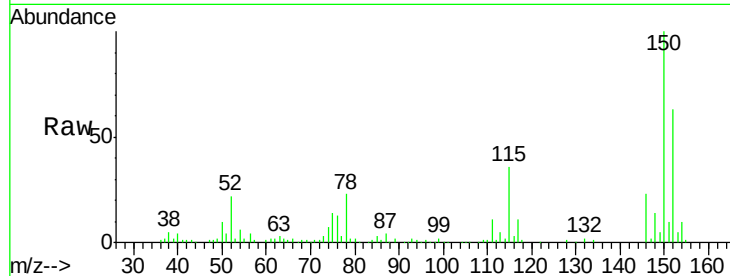


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Instrument :
BNA_F
ClientSampleId :
PB111618BS

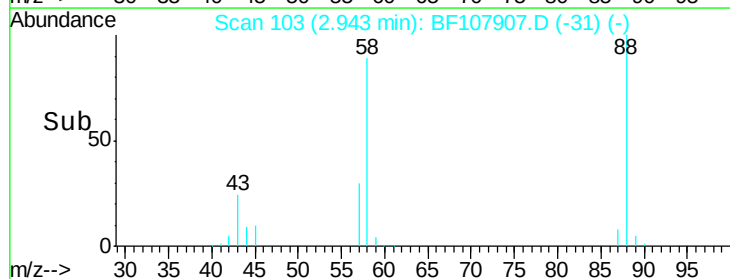
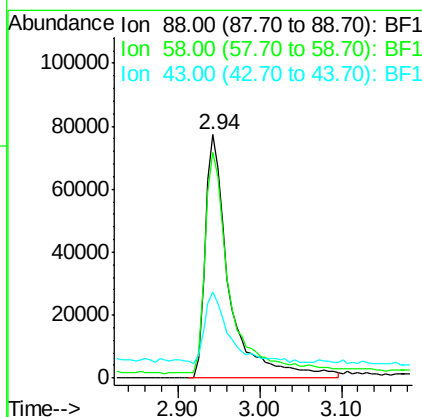
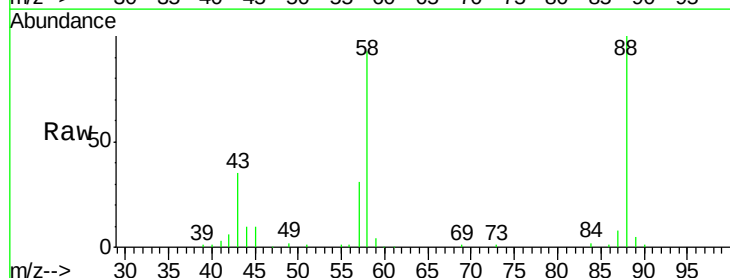
Tgt Ion:152 Resp: 144653
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 56.9 50.1 75.1

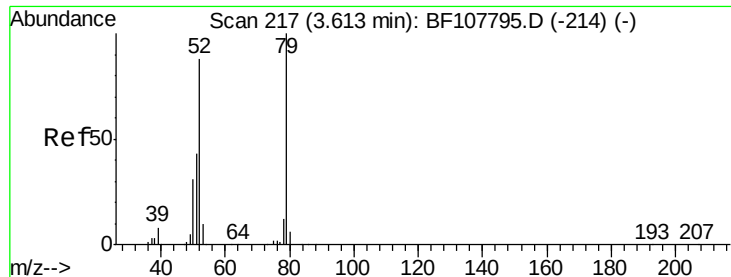


#2

1,4-Dioxane
Concen: 40.835 ng
RT: 2.94 min Scan# 103
Delta R.T. 0.12 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion: 88 Resp: 159139
Ion Ratio Lower Upper
88 100
58 90.1 62.6 93.8
43 27.5 24.6 37.0





#3

Pyridine

Concen: 32.294 ng

RT: 3.73 min Scan# 236

Delta R.T. 0.11 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

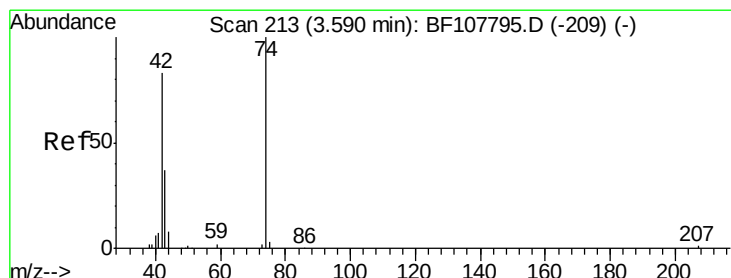
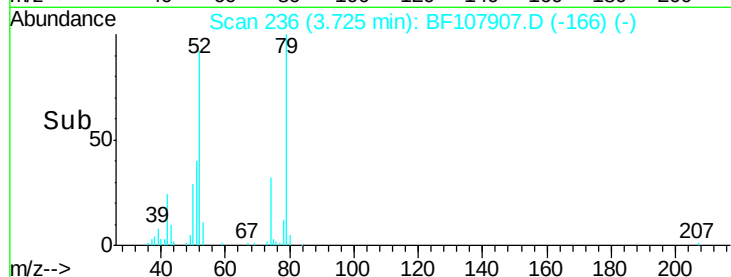
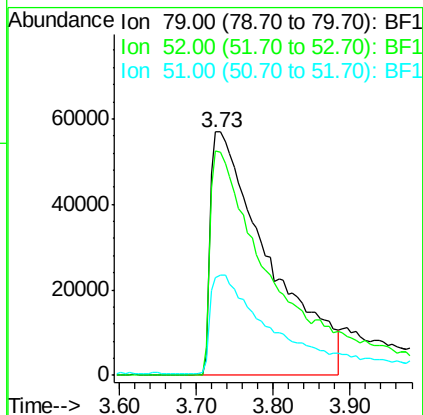
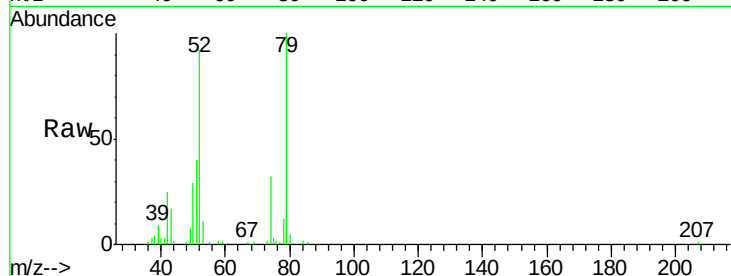
Instrument :

BNA_F

ClientSampleId :

PB111618BS

Tgt Ion:	79	Resp:	299147
Ion	Ratio	Lower	Upper
79	100		
52	92.0	59.8	89.6#
51	40.3	29.8	44.8



#4

n-Nitrosodimethylamine

Concen: 19.855 ng

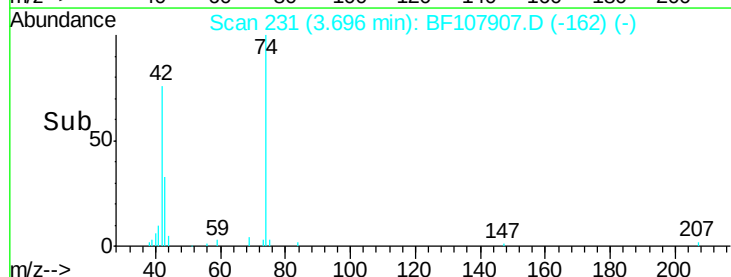
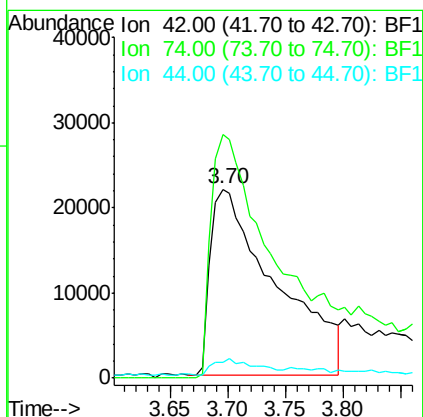
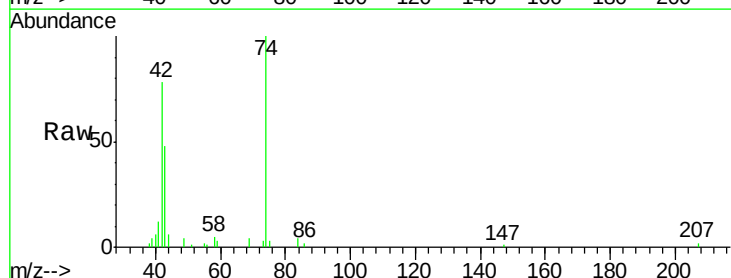
RT: 3.70 min Scan# 231

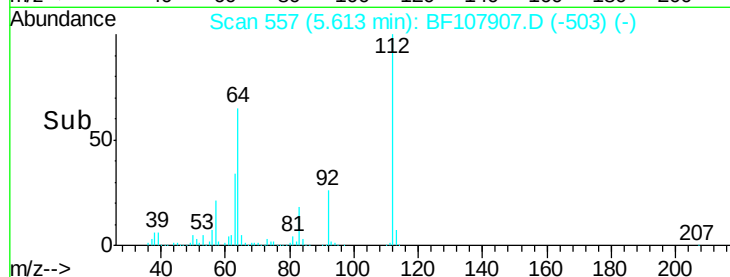
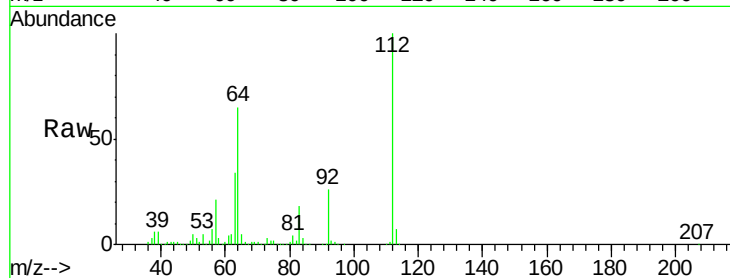
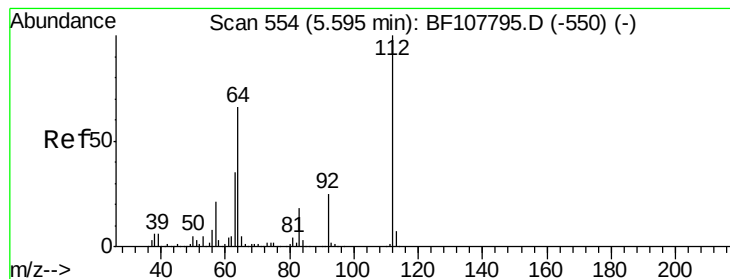
Delta R.T. 0.11 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Tgt Ion:	42	Resp:	85986
Ion	Ratio	Lower	Upper
42	100		
74	129.0	104.9	157.3
44	8.0	6.9	10.3





#5

2-Fluorophenol

Concen: 129.313 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

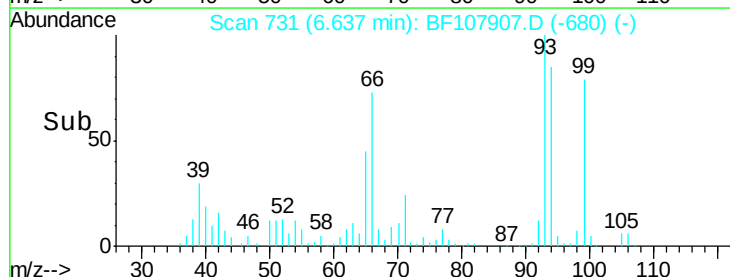
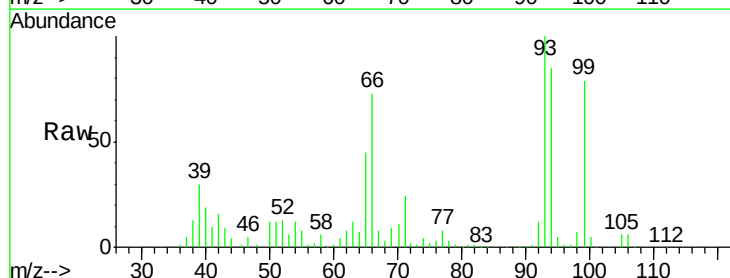
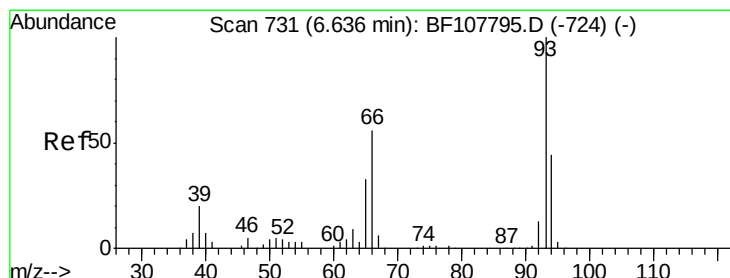
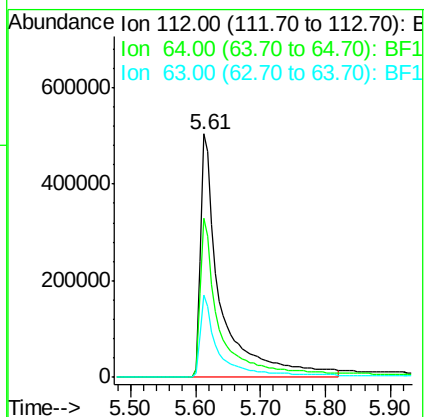
Tgt Ion:112 Resp: 1100620

Ion Ratio Lower Upper

112 100

64 65.2 47.9 71.9

63 34.0 23.7 35.5



#6

Aniline

Concen: 39.612 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

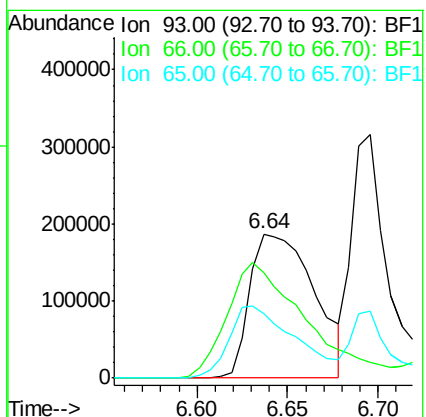
Tgt Ion: 93 Resp: 462167

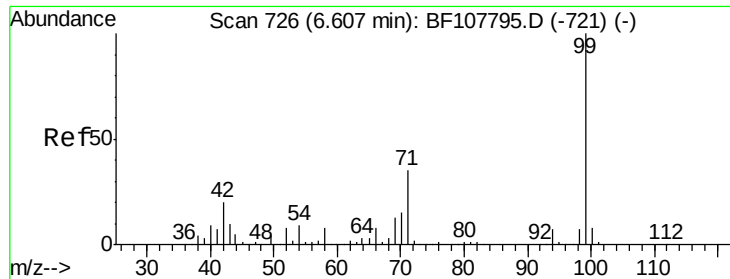
Ion Ratio Lower Upper

93 100

66 73.2 32.2 48.2#

65 44.6 16.4 24.6#





#7

Phenol-d6

Concen: 117.838 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

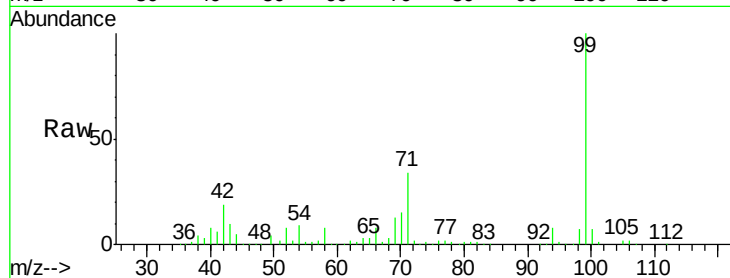
Tgt Ion: 99 Resp: 1321831

Ion Ratio Lower Upper

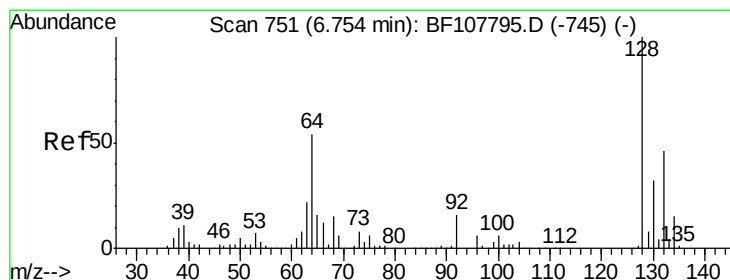
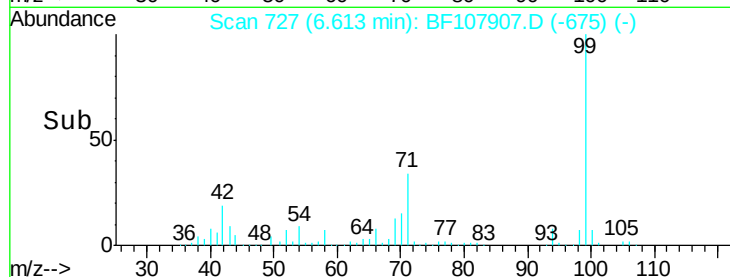
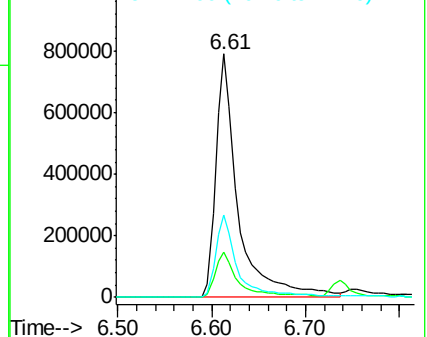
99 100

42 18.6 14.5 21.7

71 33.9 25.4 38.0



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



#8

2-Chlorophenol

Concen: 43.549 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

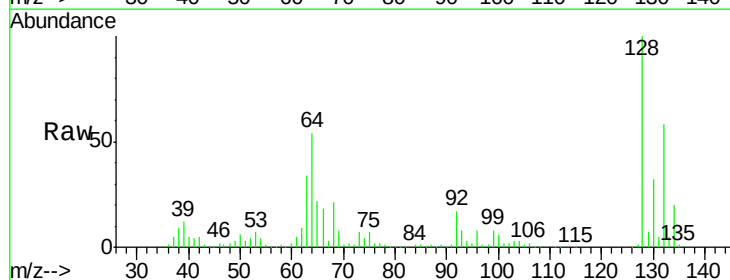
Tgt Ion: 128 Resp: 465593

Ion Ratio Lower Upper

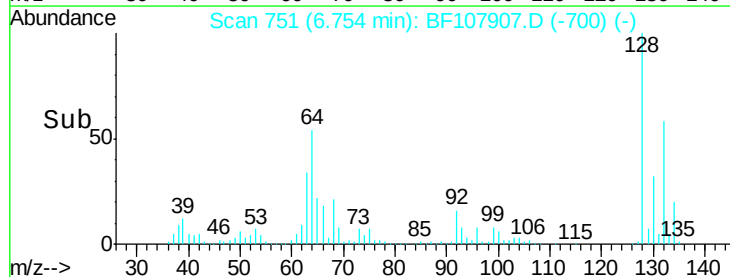
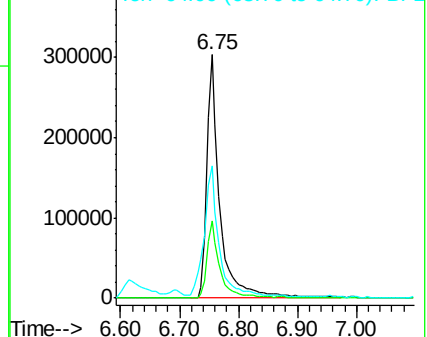
128 100

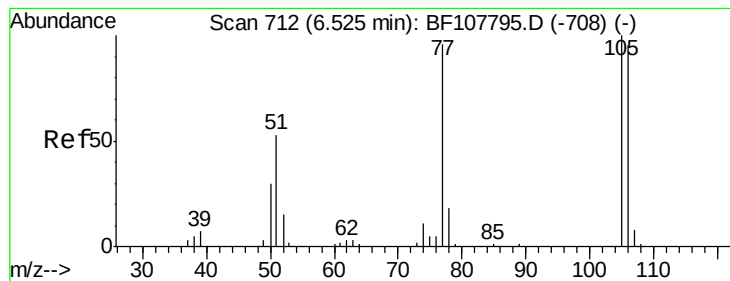
130 31.7 13.0 53.0

64 54.3 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: 13.747 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

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PB111618BS

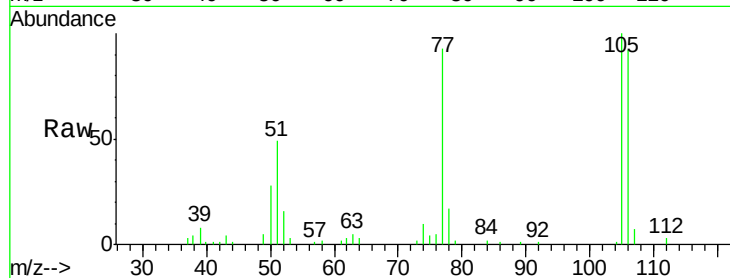
Tgt Ion: 77 Resp: 93038

Ion Ratio Lower Upper

77 100

105 107.3 81.1 121.1

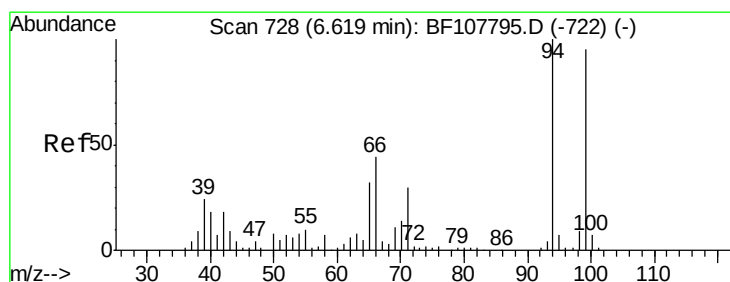
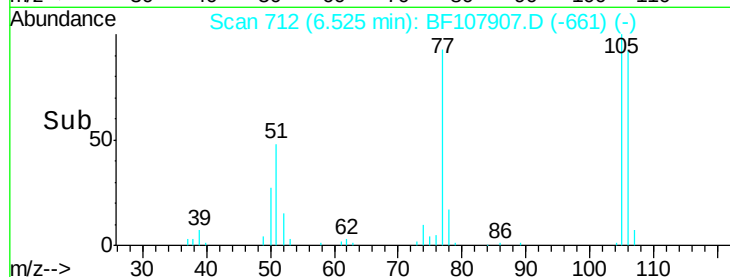
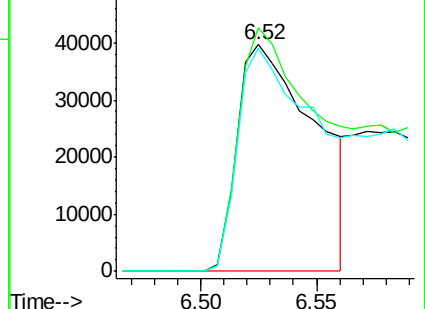
106 98.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.420 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

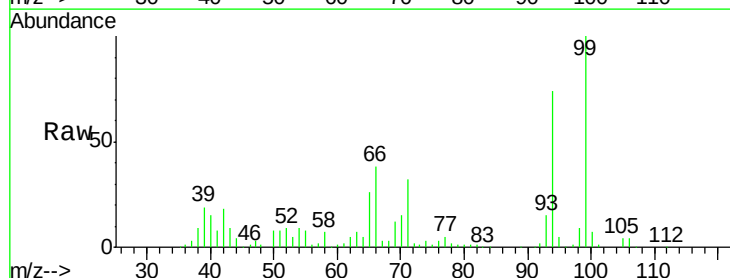
Tgt Ion: 94 Resp: 567448

Ion Ratio Lower Upper

94 100

65 35.6 7.9 47.9

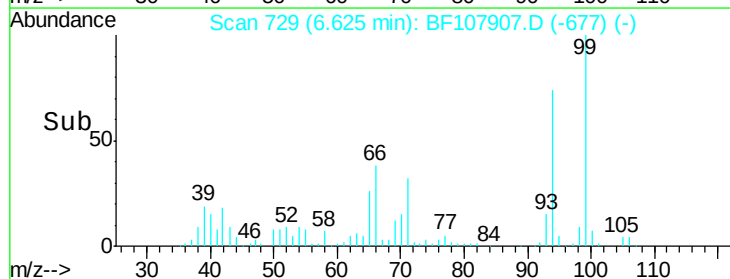
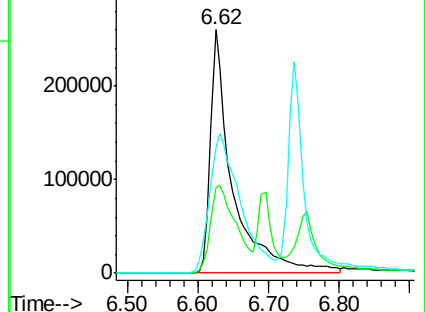
66 51.7 16.2 56.2

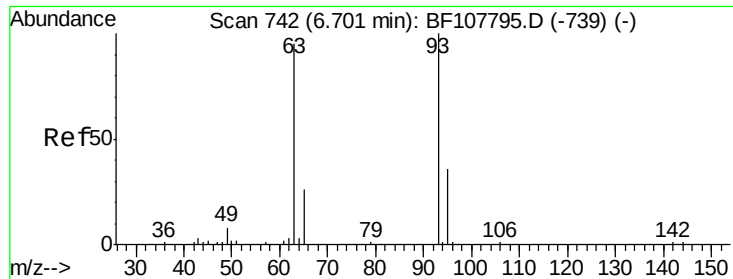


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

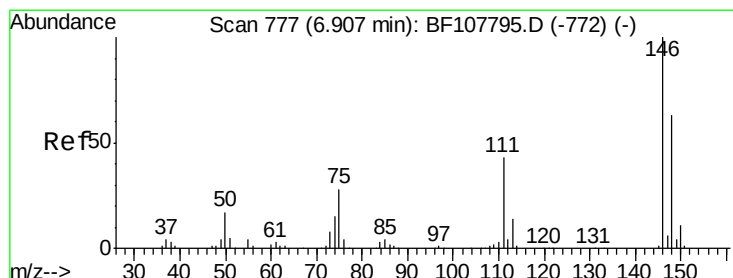
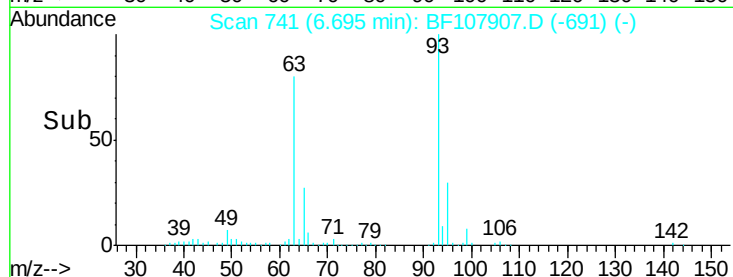
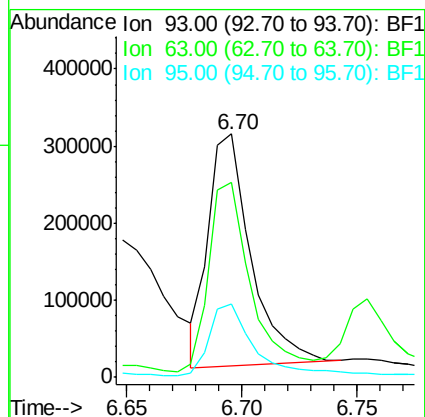
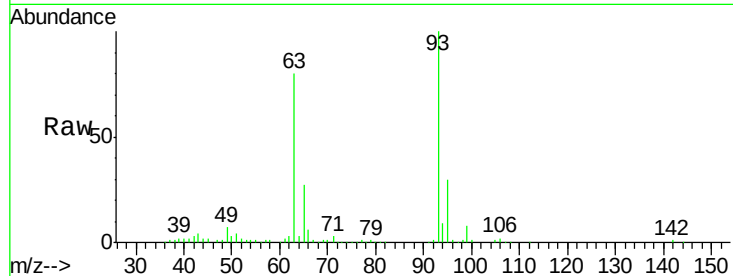




#11
 bis(2-Chloroethyl)ether
 Concen: 32.557 ng
 RT: 6.70 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

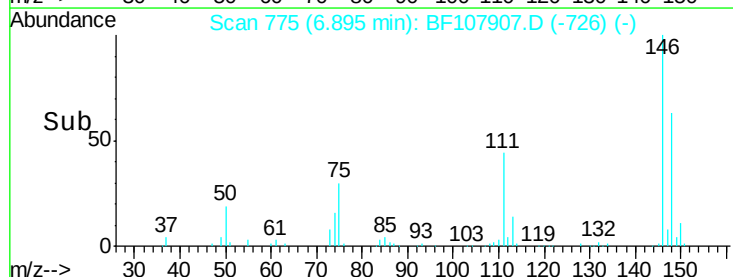
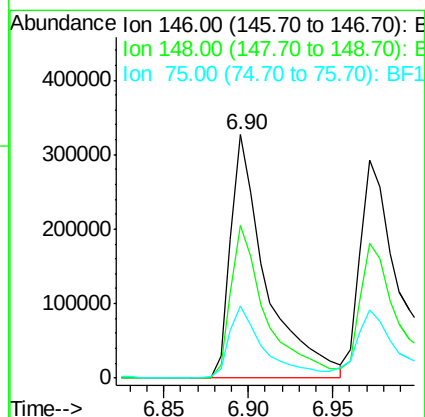
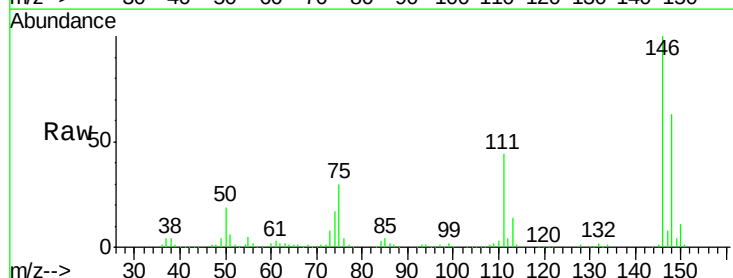
Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

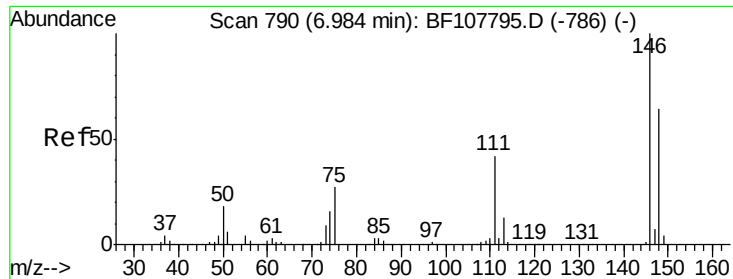
Tgt Ion: 93 Resp: 387264
 Ion Ratio Lower Upper
 93 100
 63 80.1 58.6 98.6
 95 30.0 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 42.543 ng
 RT: 6.90 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Tgt Ion: 146 Resp: 477049
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.8 77.8
 75 29.8 24.2 36.4

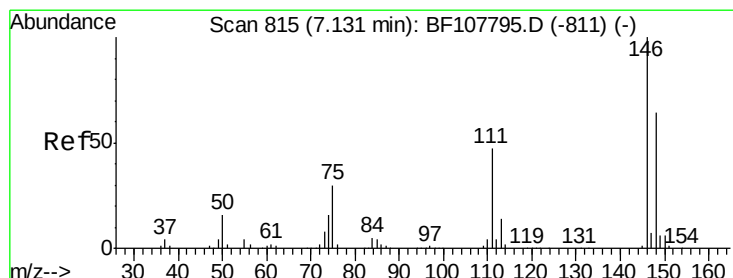
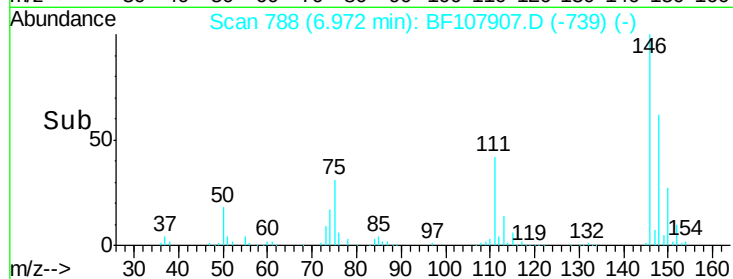
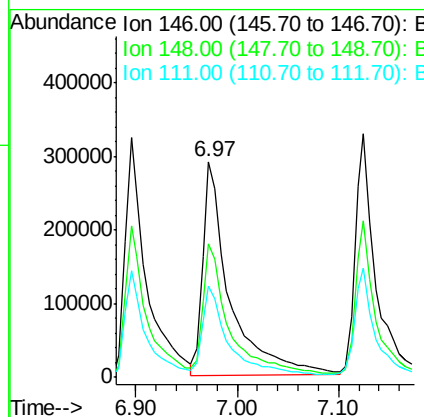
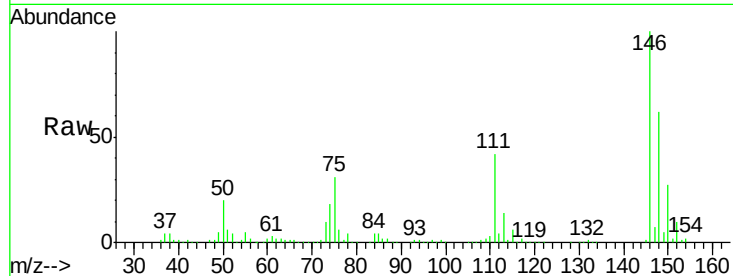




#13
 1,4-Dichlorobenzene
 Concen: 43.381 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

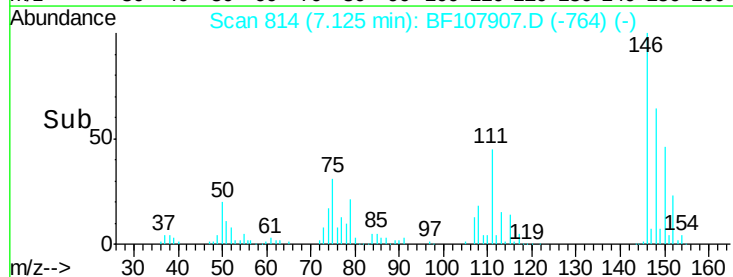
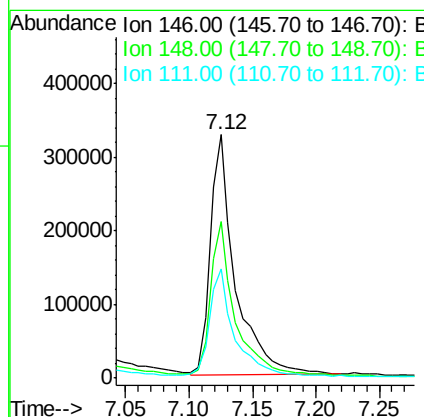
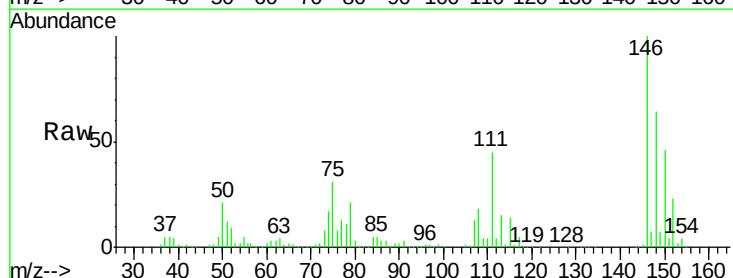
Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

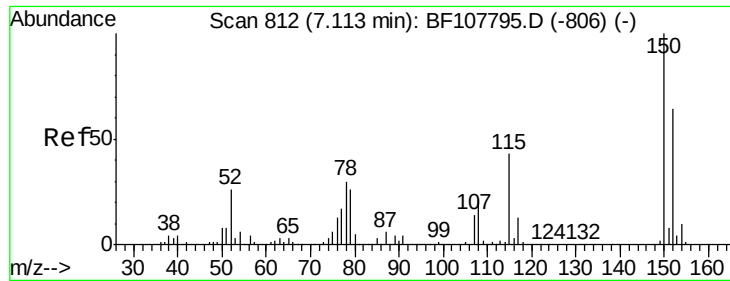
Tgt Ion:146 Resp: 541498
 Ion Ratio Lower Upper
 146 100
 148 61.8 50.8 76.2
 111 42.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.469 ng
 RT: 7.12 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Tgt Ion:146 Resp: 445744
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 75.8
 111 44.9 36.0 54.0

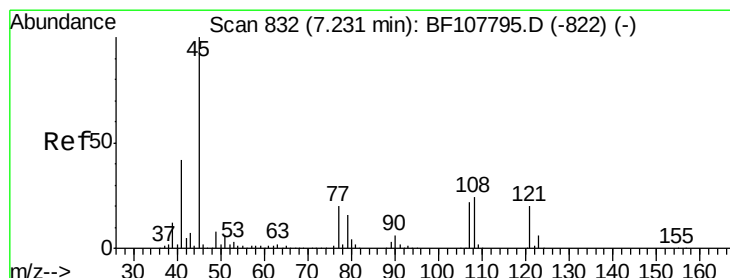
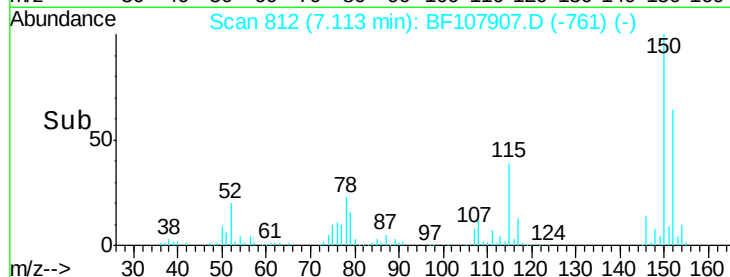
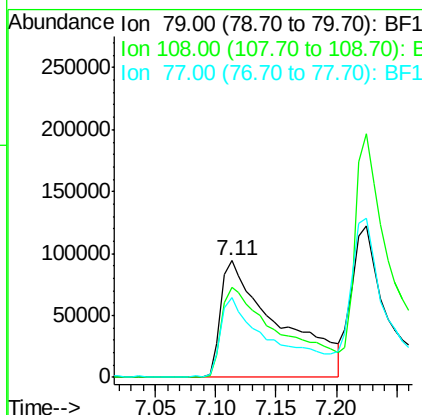
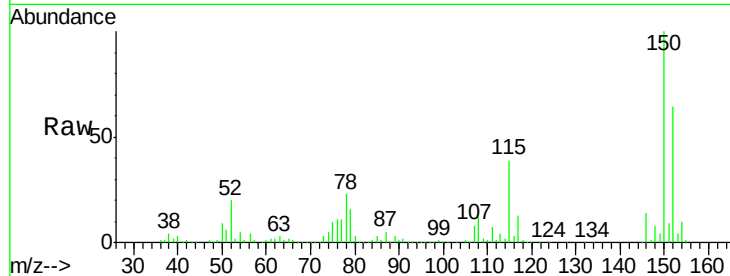




#15
Benzyl Alcohol
Concen: 44.736 ng
RT: 7.11 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

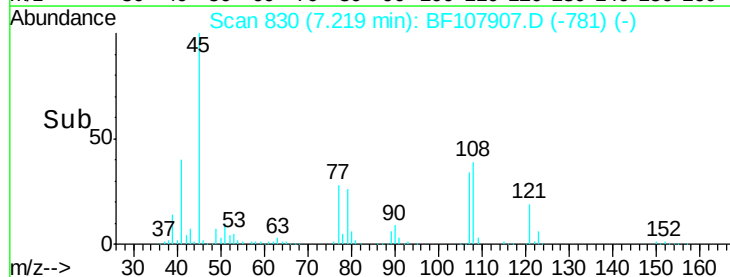
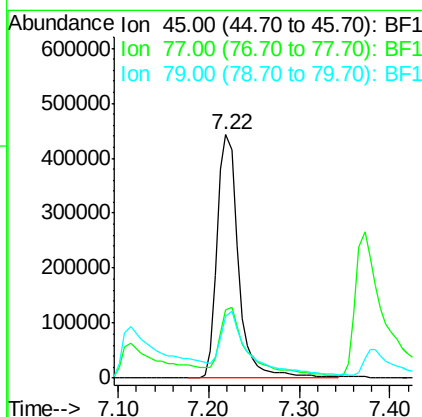
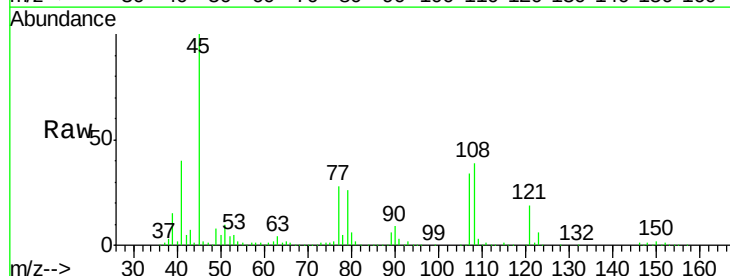
Instrument :
BNA_F
ClientSampleId :
PB111618BS

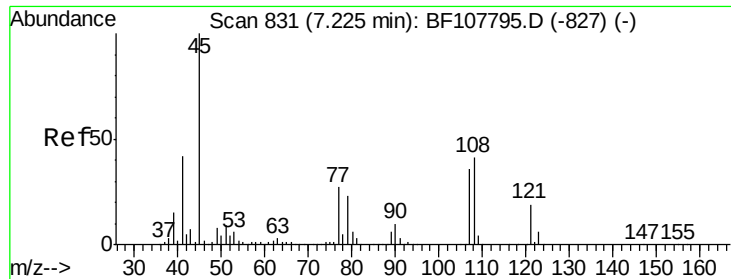
Tgt Ion: 79 Resp: 311907
Ion Ratio Lower Upper
79 100
108 77.4 65.1 97.7
77 68.2 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.275 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion: 45 Resp: 722989
Ion Ratio Lower Upper
45 100
77 28.1 0.0 32.9
79 25.7 0.0 29.6





#17

2-Methylphenol

Concen: 47.206 ng

RT: 7.22 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

Tgt Ion:107 Resp: 372567

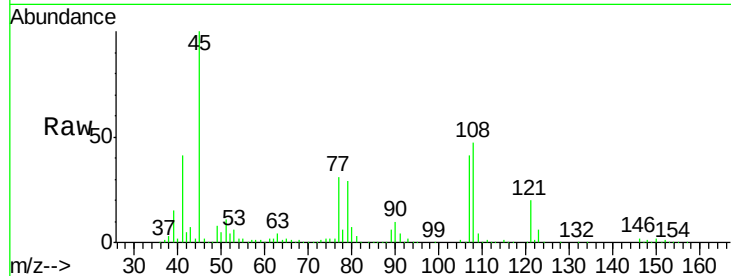
Ion Ratio Lower Upper

107 100

108 114.3 91.7 137.5

77 74.6 33.8 50.8#

79 71.2 33.8 50.8#

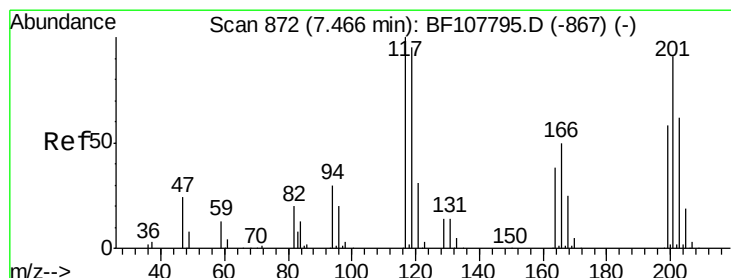
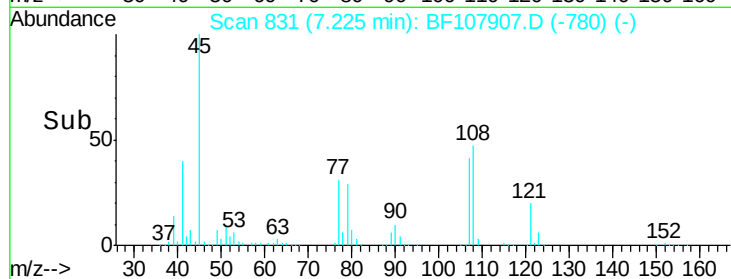
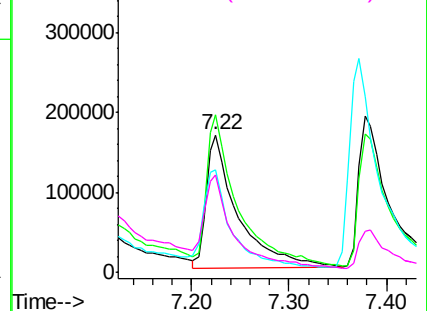


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.976 ng

RT: 7.45 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

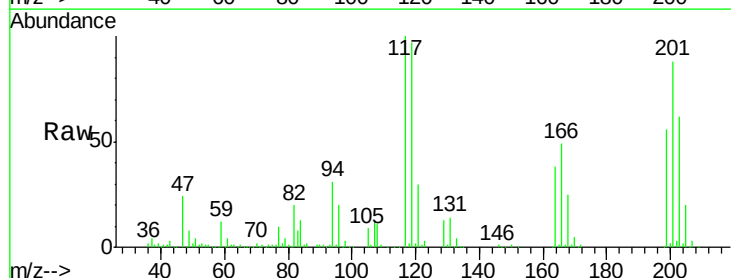
Tgt Ion:117 Resp: 183845

Ion Ratio Lower Upper

117 100

119 96.9 75.8 113.8

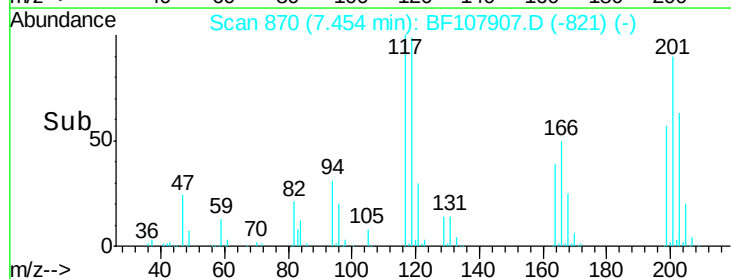
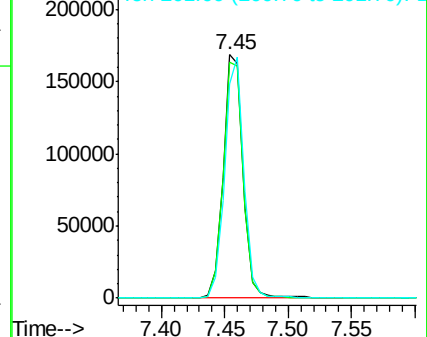
201 88.1 75.7 113.5

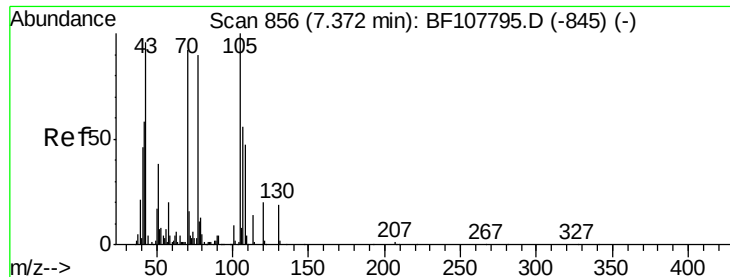


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

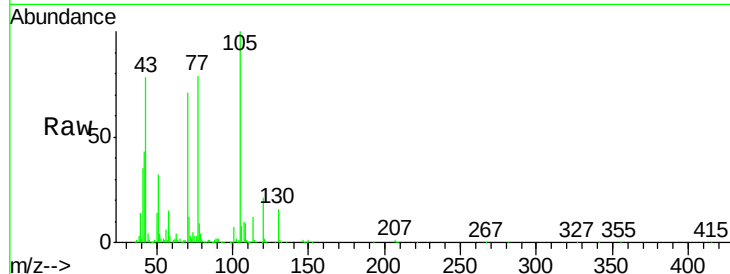




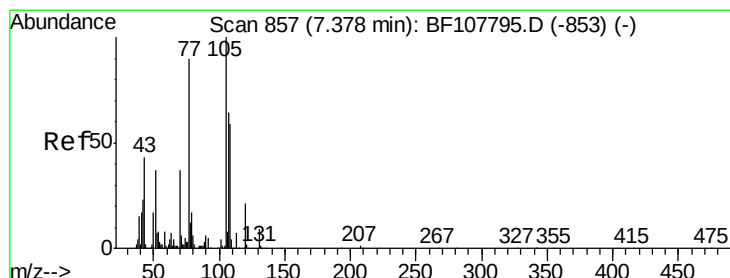
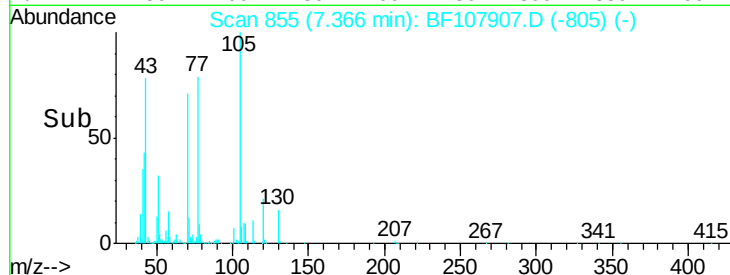
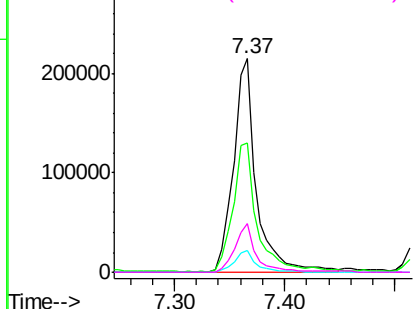
#19
n-Nitroso-di-n-propylamine
Concen: 43.993 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tgt Ion: 70 Resp: 313045
Ion Ratio Lower Upper
70 100
42 60.8 47.5 71.3
101 10.5 7.4 11.2
130 22.5 16.6 25.0



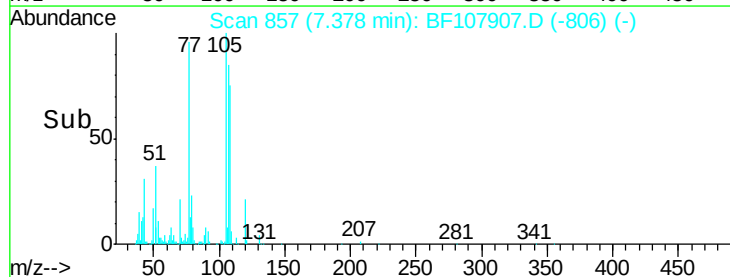
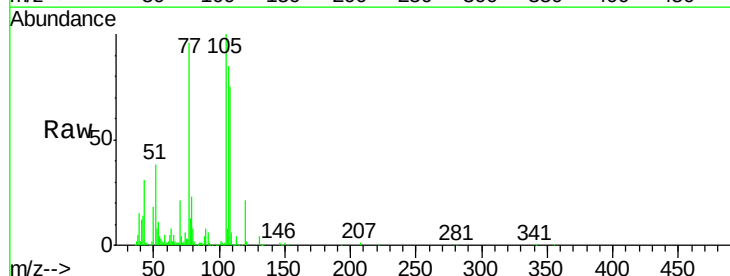
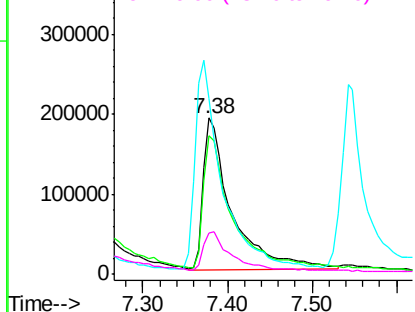
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

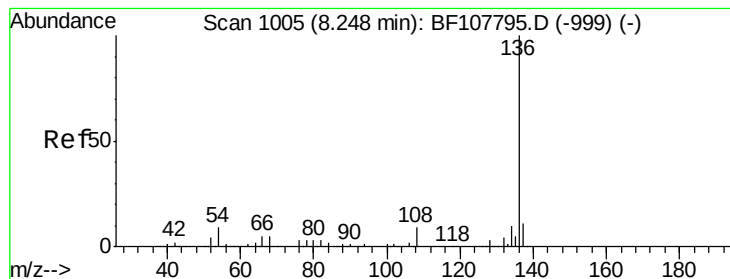


#20
3+4-Methylphenols
Concen: 45.963 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion: 107 Resp: 445372
Ion Ratio Lower Upper
107 100
108 88.5 68.2 108.2
77 112.7 26.7 66.7#
79 26.6 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: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

Tgt Ion:136 Resp: 626877

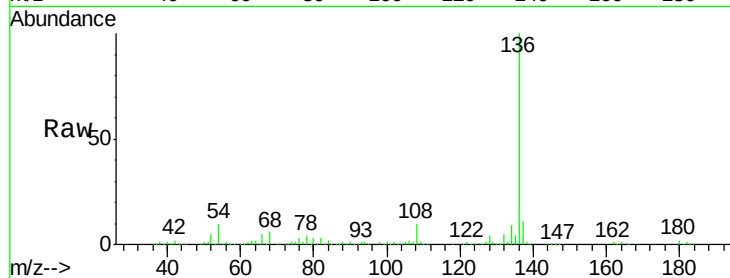
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.6 6.6 9.8

68 5.9 5.0 7.4

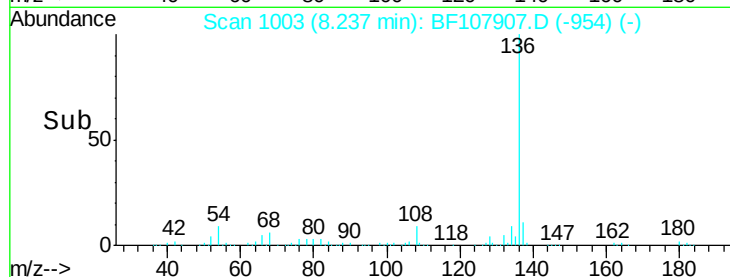


Abundance Ion 136.00 (135.70 to 136.70): E

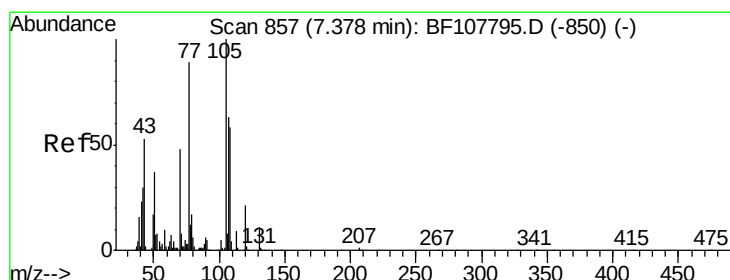
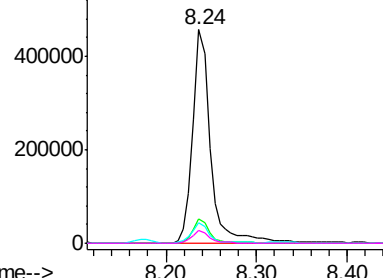
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 43.975 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Tgt Ion:105 Resp: 663219

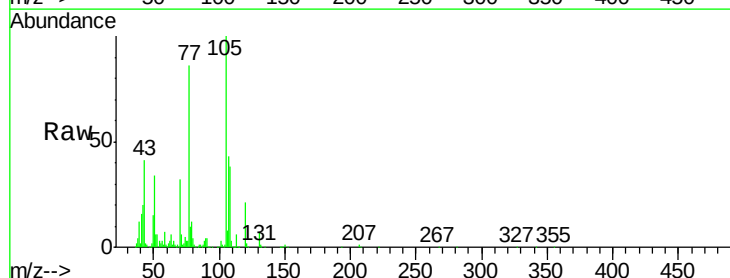
Ion Ratio Lower Upper

105 100

71 5.6 4.4 6.6

51 33.8 22.3 33.5#

120 20.8 16.9 25.3

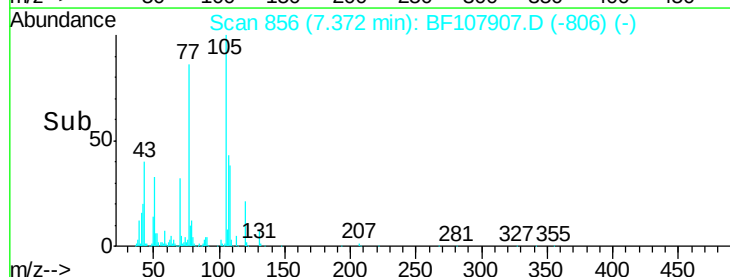


Abundance Ion 105.00 (104.70 to 105.70): E

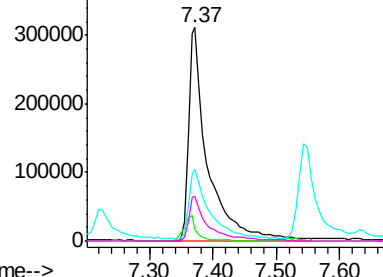
Ion 71.00 (70.70 to 71.70): BF1

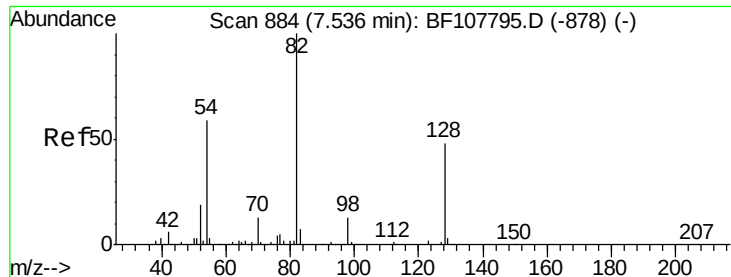
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

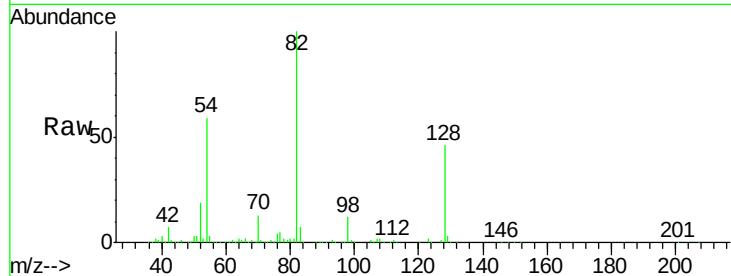




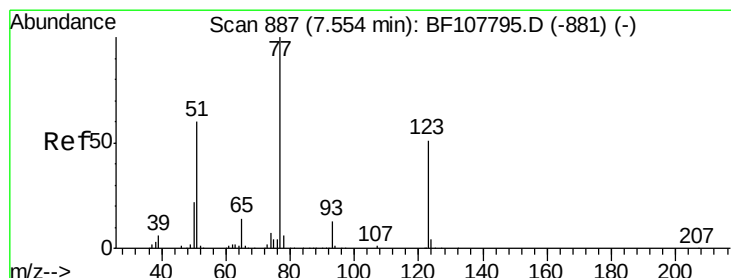
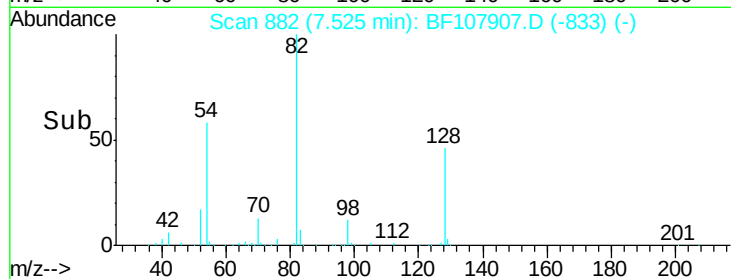
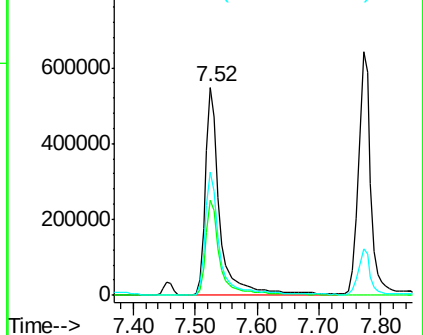
#23
 Nitrobenzene-d5
 Concen: 82.604 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	59.0	41.4	62.2

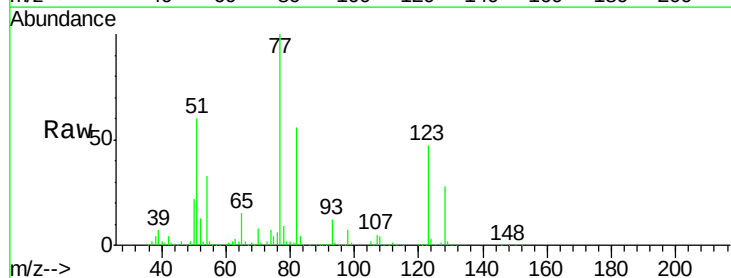


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

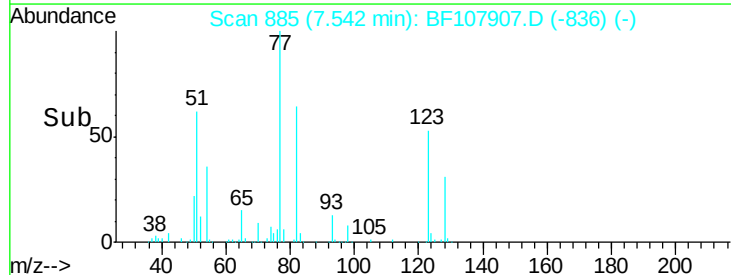
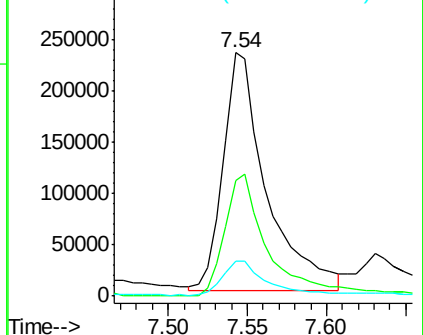


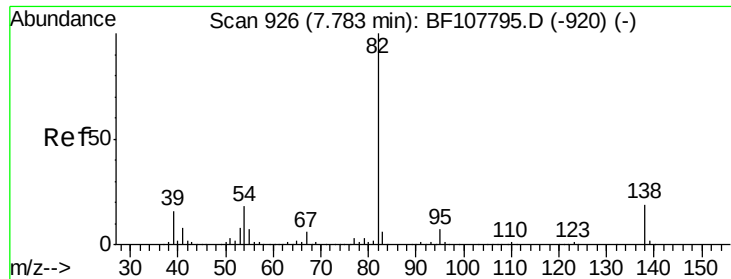
#24
 Nitrobenzene
 Concen: 38.764 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	37.9	56.9
65	14.6	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: 51.413 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

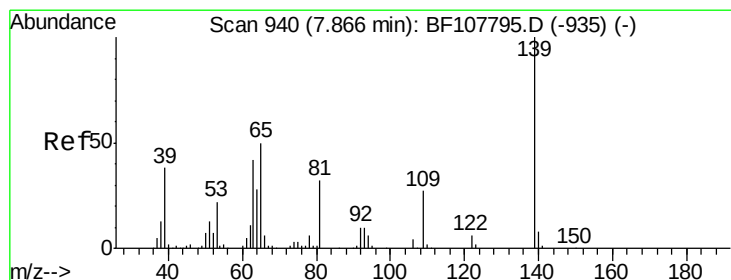
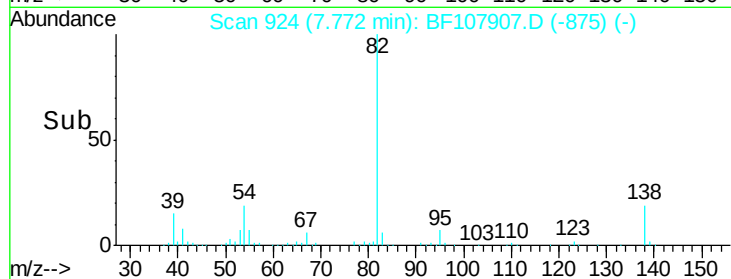
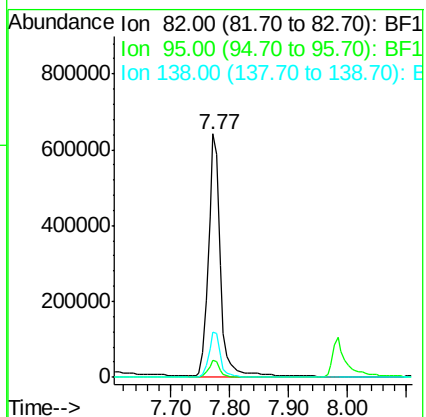
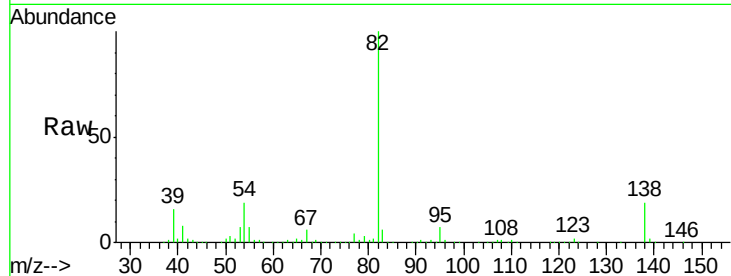
Tgt Ion: 82 Resp: 918315

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 18.7 14.9 22.3



#26

2-Nitrophenol

Concen: 47.999 ng

RT: 7.86 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

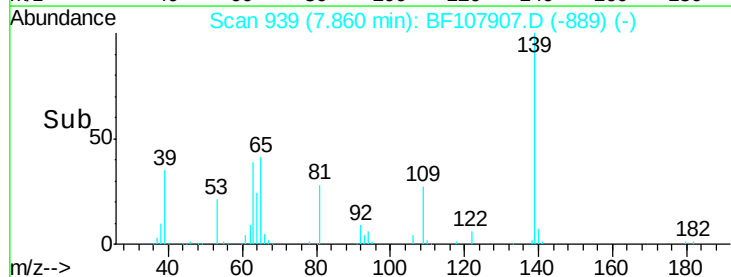
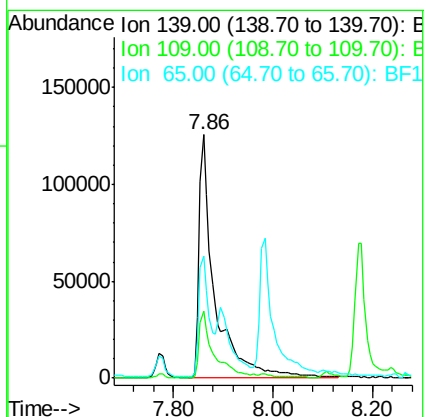
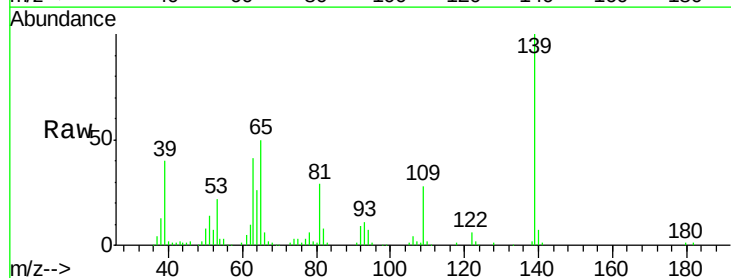
Tgt Ion: 139 Resp: 274851

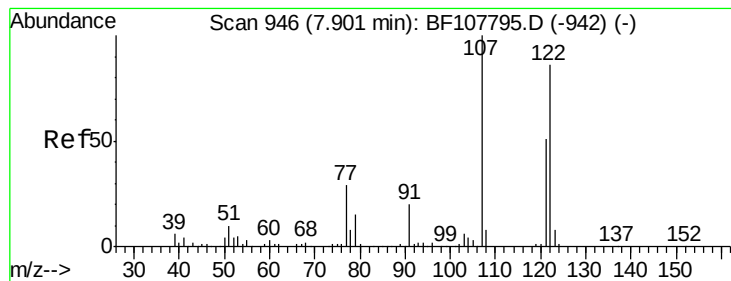
Ion Ratio Lower Upper

139 100

109 27.5 22.7 34.1

65 49.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 51.780 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

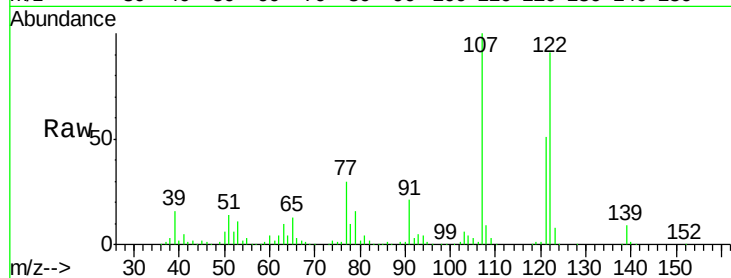
Tgt Ion:122 Resp: 396969

Ion Ratio Lower Upper

122 100

107 109.5 91.2 136.8

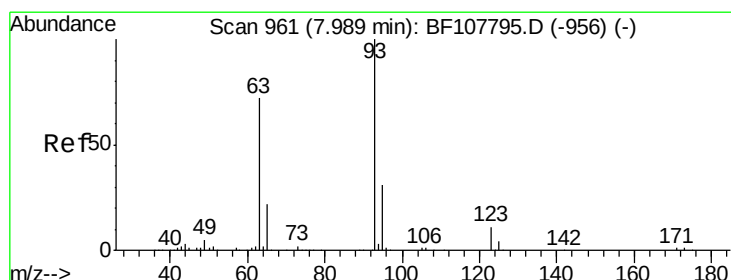
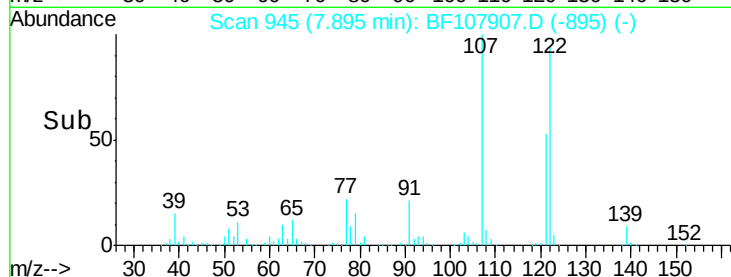
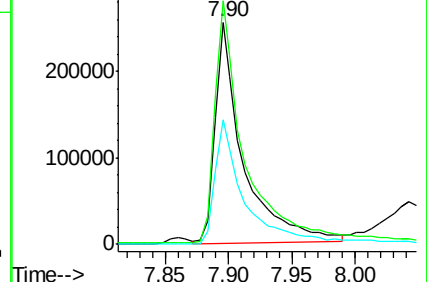
121 56.2 47.2 70.8



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: 47.225 ng

RT: 7.98 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

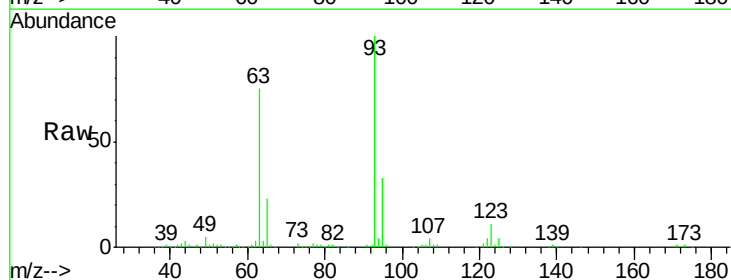
Tgt Ion: 93 Resp: 555894

Ion Ratio Lower Upper

93 100

95 33.4 26.3 39.5

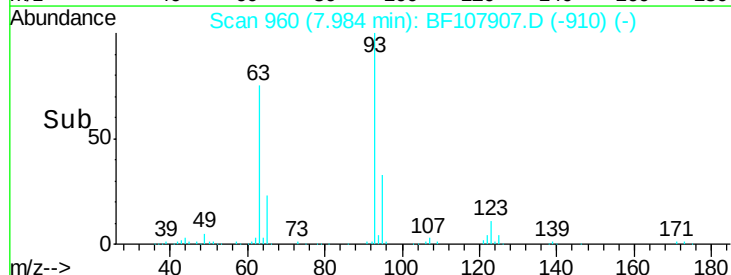
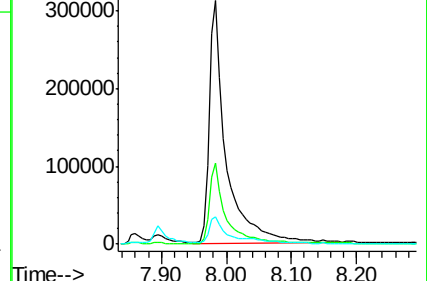
123 11.4 9.8 14.6

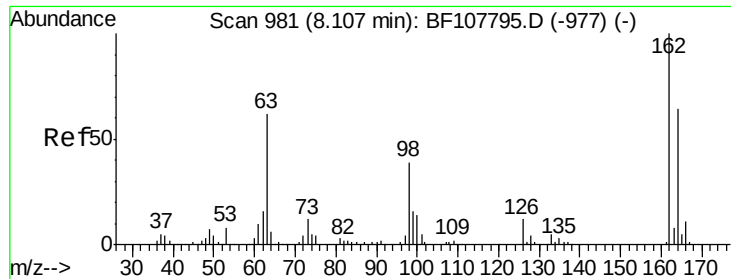


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

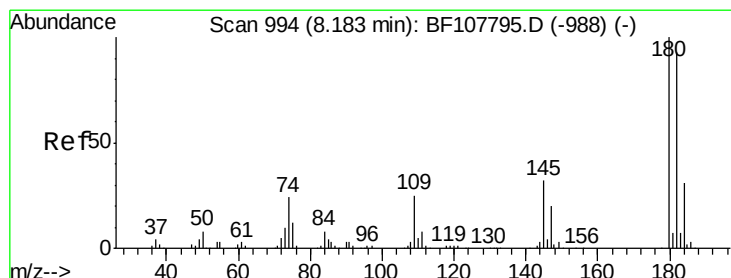
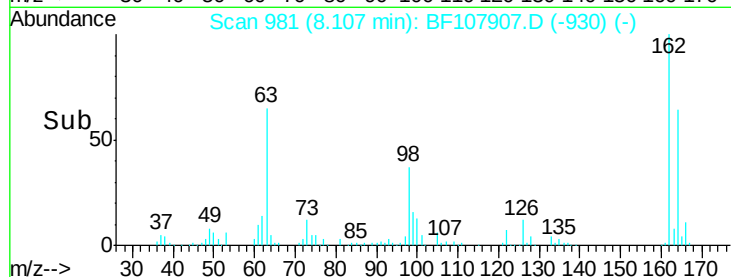
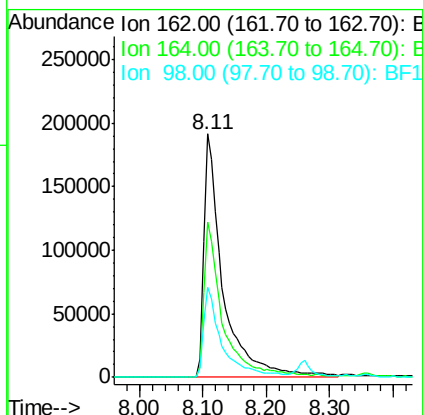
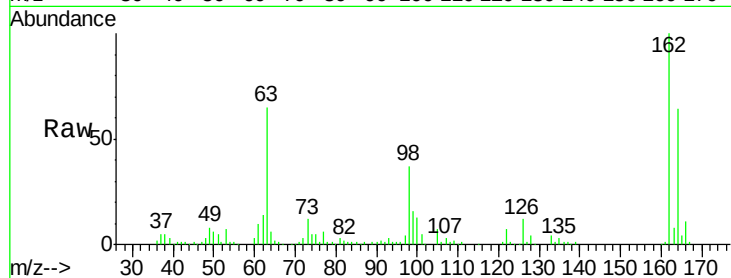




#29
 2,4-Dichlorophenol
 Concen: 46.535 ng
 RT: 8.11 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

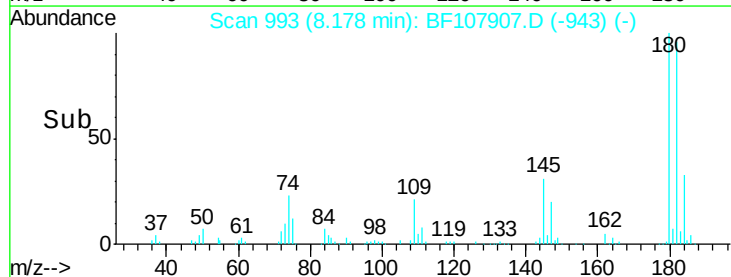
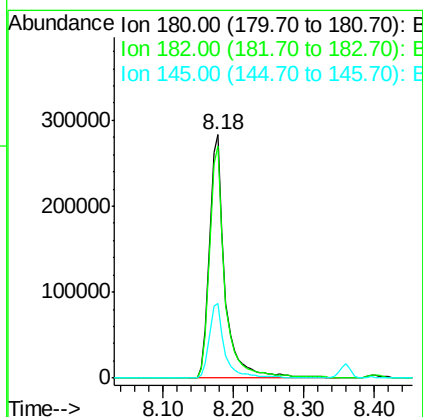
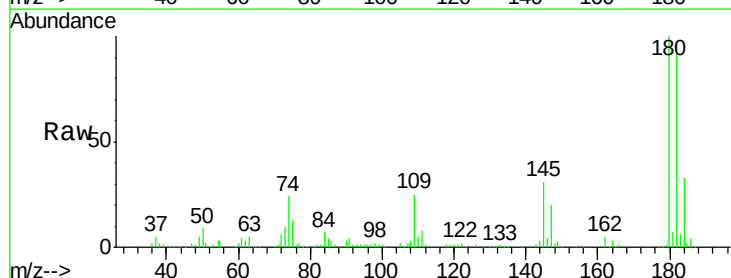
Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

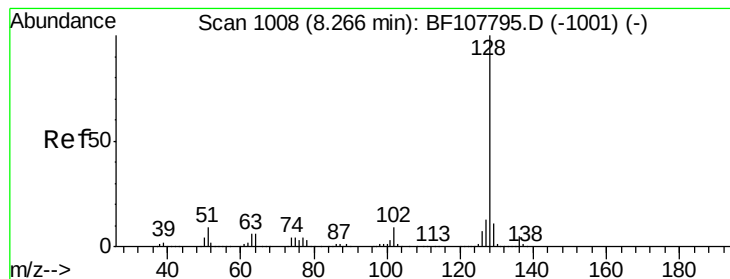
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.7	82.7
98	37.1	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.580 ng
 RT: 8.18 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.8	115.2
145	30.5	26.5	39.7





#31

Naphthalene

Concen: 48.510 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

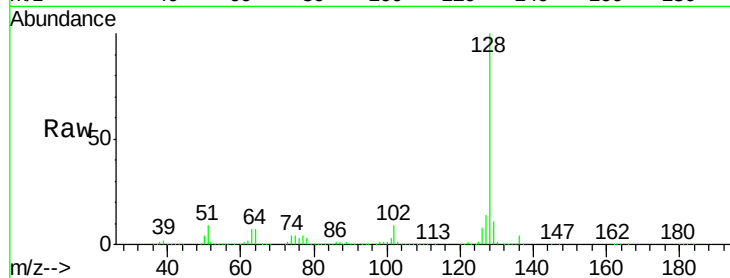
Tgt Ion:128 Resp: 1413591

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

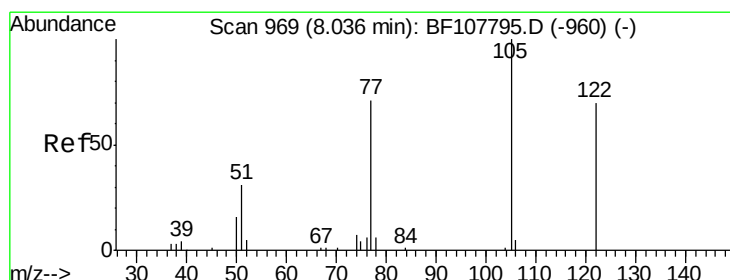
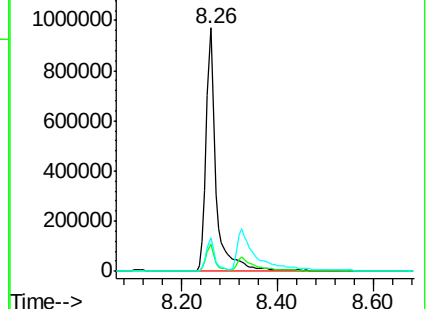
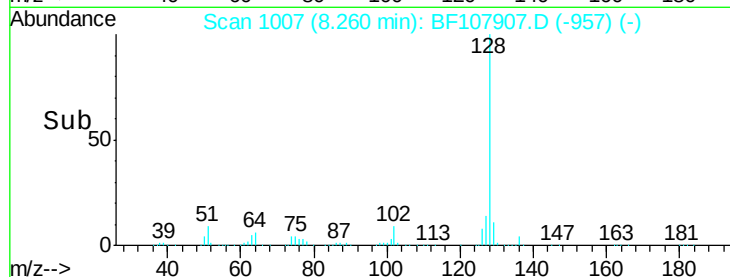
127 13.9 10.9 16.3



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: 37.633 ng

RT: 8.04 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

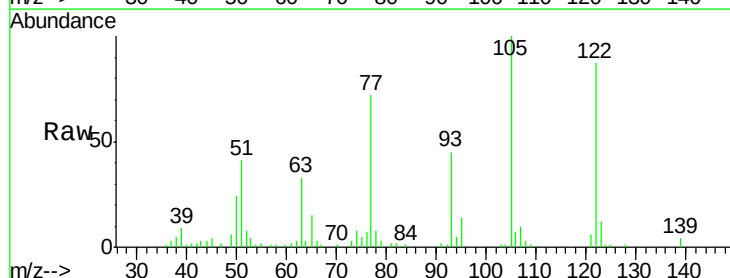
Tgt Ion:122 Resp: 193500

Ion Ratio Lower Upper

122 100

105 115.3 101.1 141.1

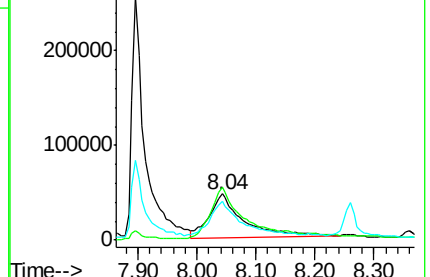
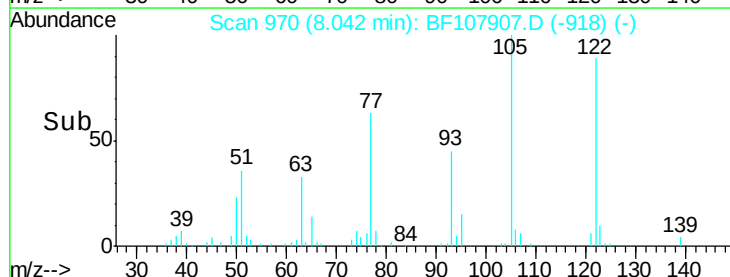
77 82.9 70.7 110.7

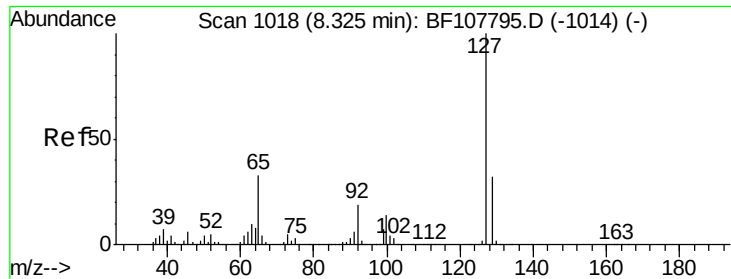


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

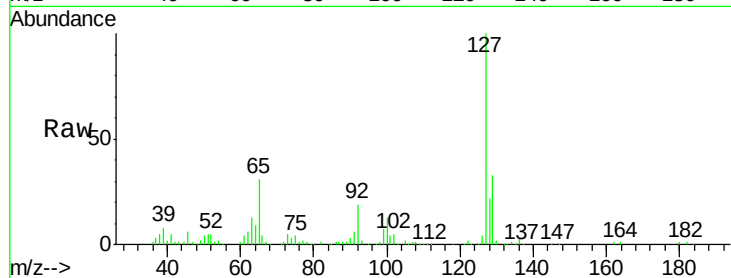




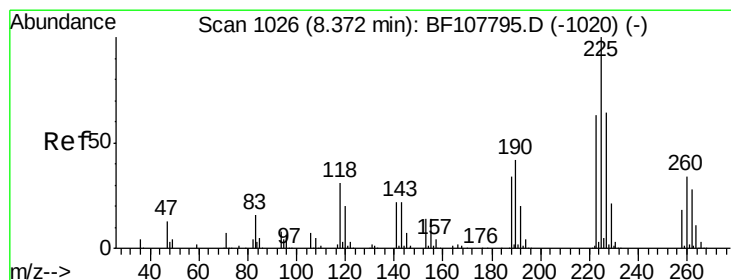
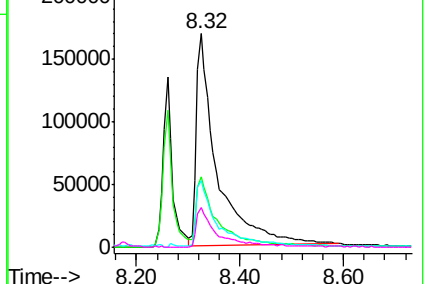
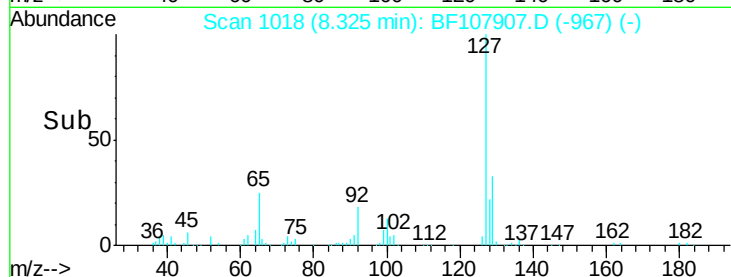
#33
4-Chloroaniline
Concen: 37.815 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tgt Ion:	127	Resp:	470677
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	31.4	25.0	37.4
92	18.6	15.2	22.8

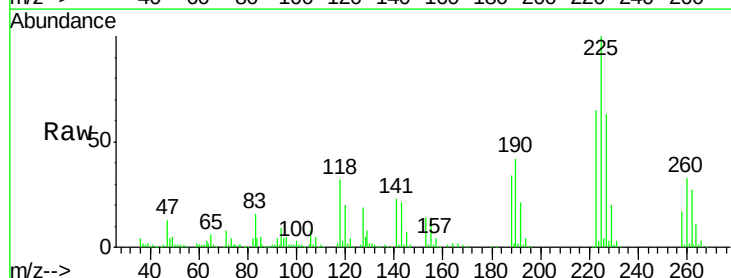


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

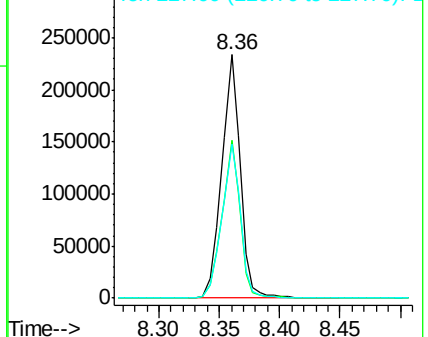
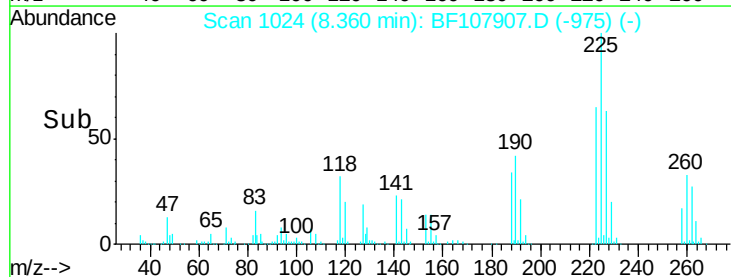


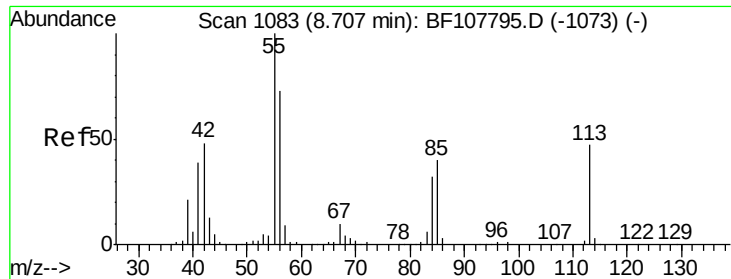
#34
Hexachlorobutadiene
Concen: 40.682 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion:	225	Resp:	248705
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.6	76.0
227	63.2	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

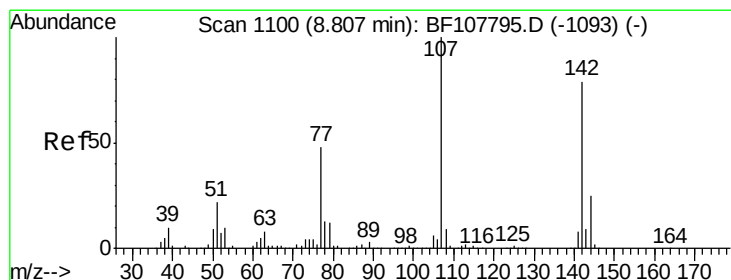
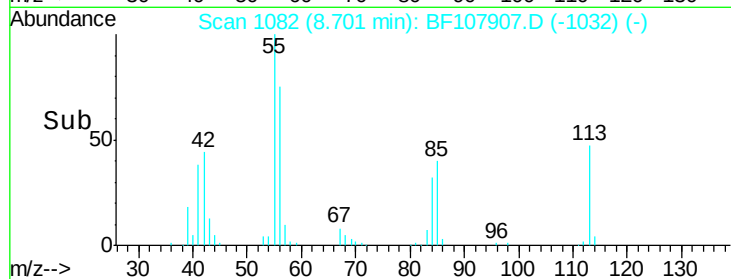
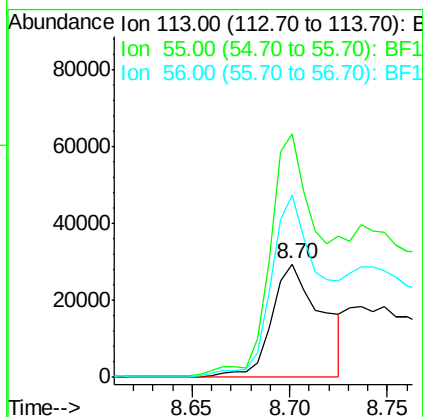
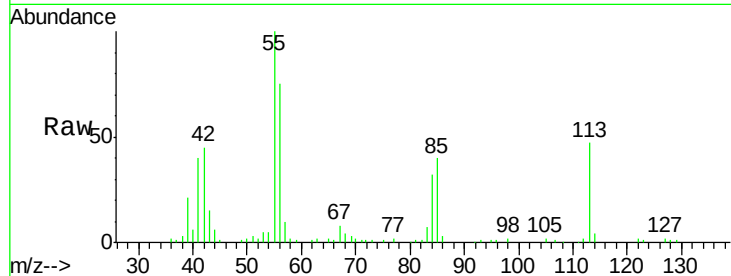




#35
 Caprolactam
 Concen: 20.145 ng
 RT: 8.70 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

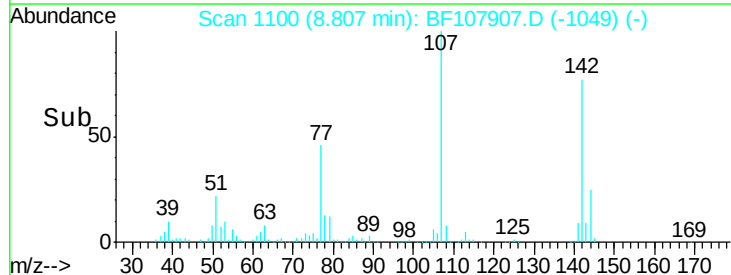
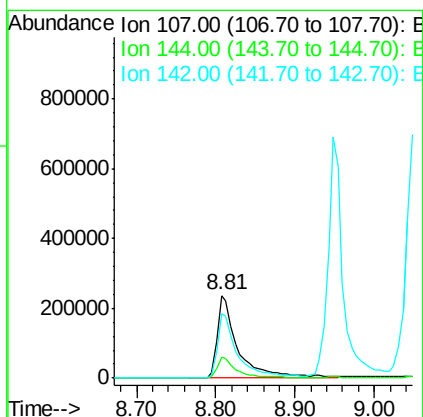
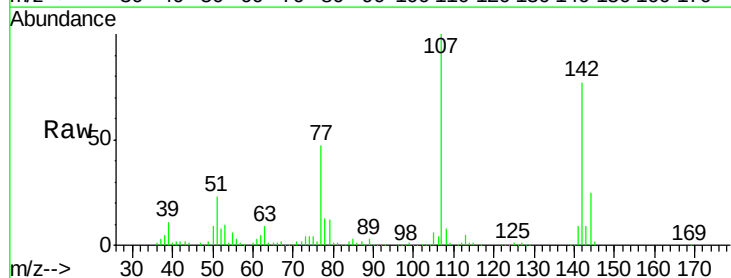
Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

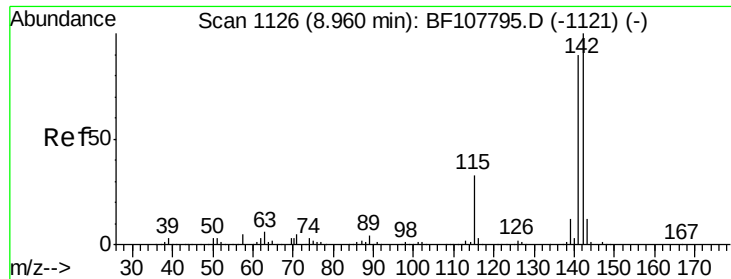
Tgt Ion:113 Resp: 52590
 Ion Ratio Lower Upper
 113 100
 55 214.3 163.3 203.3#
 56 160.5 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 45.348 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Tgt Ion:107 Resp: 427089
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.5 30.7
 142 77.1 62.0 93.0

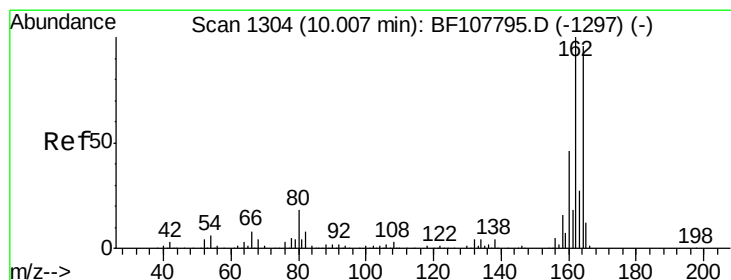
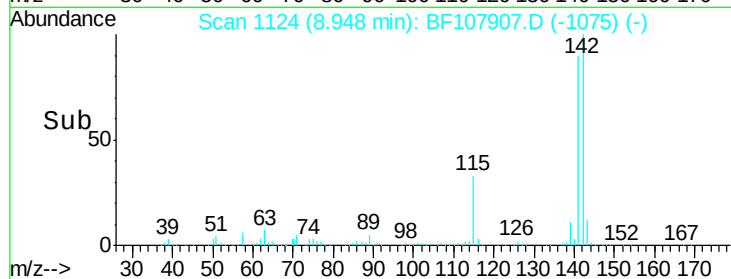
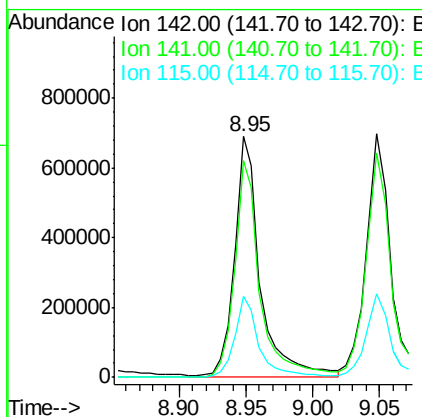
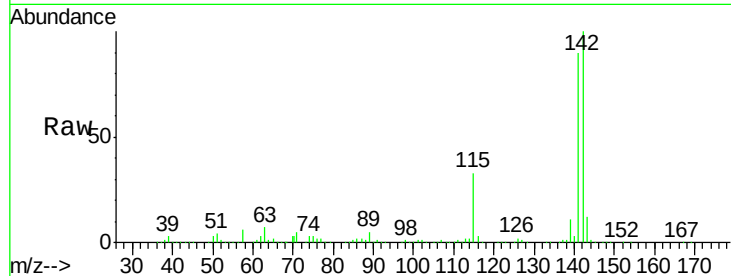




#37
 2-Methylnaphthalene
 Concen: 50.686 ng
 RT: 8.95 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

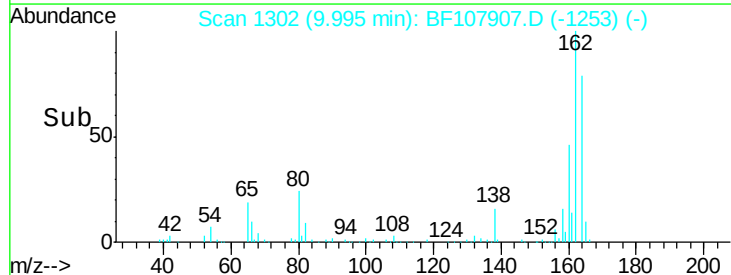
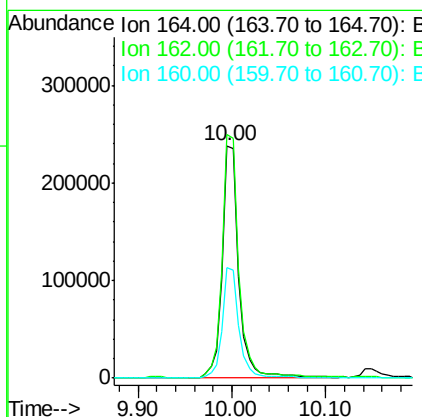
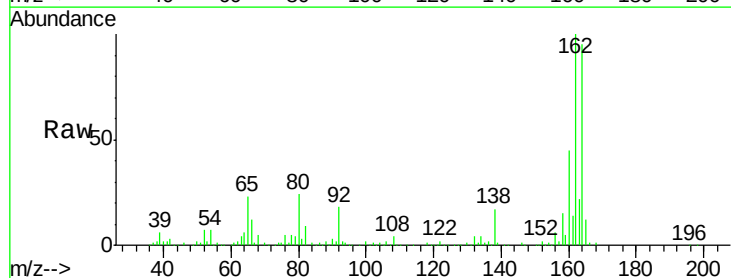
Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

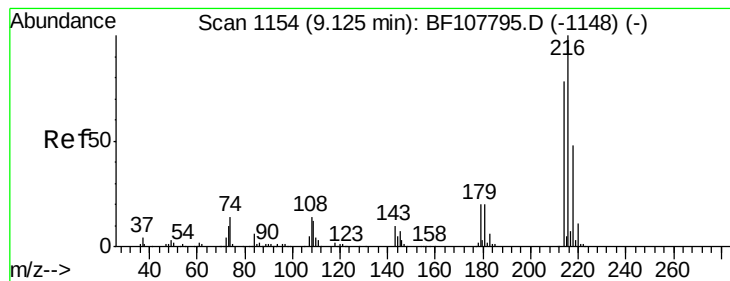
Tgt Ion:142 Resp: 927772
 Ion Ratio Lower Upper
 142 100
 141 90.1 70.8 106.2
 115 33.4 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Tgt Ion:164 Resp: 294220
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 47.4 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.908 ng

RT: 9.11 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

Tgt Ion:216 Resp: 450489

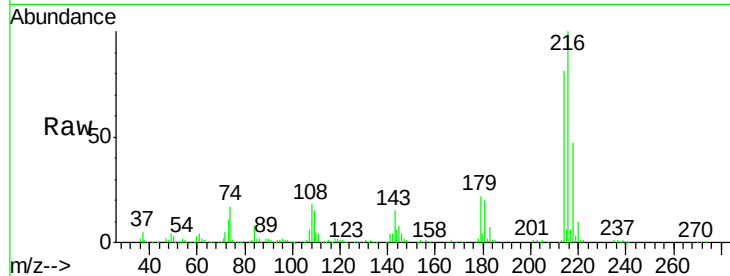
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.4

179 20.8 18.1 27.1

108 18.5 17.2 25.8

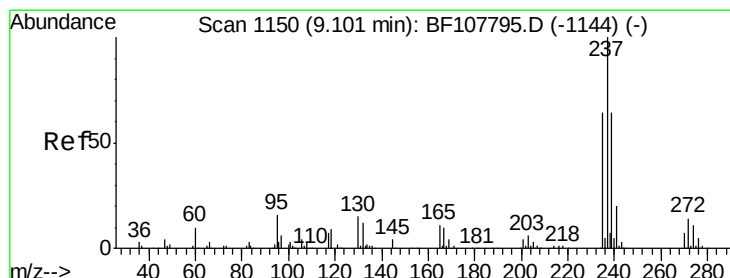
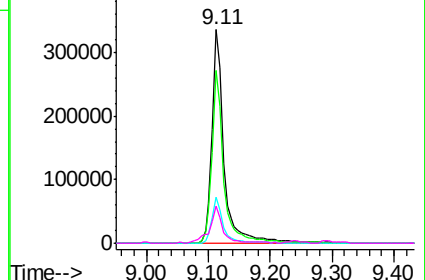
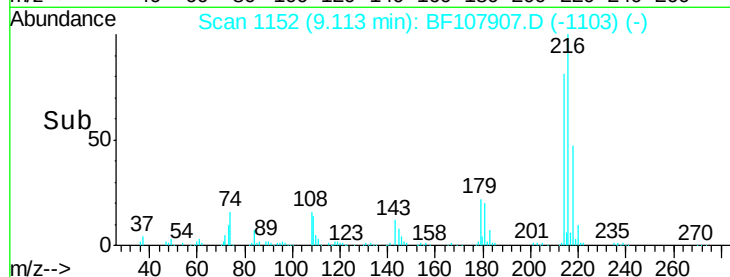


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.118 ng

RT: 9.10 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

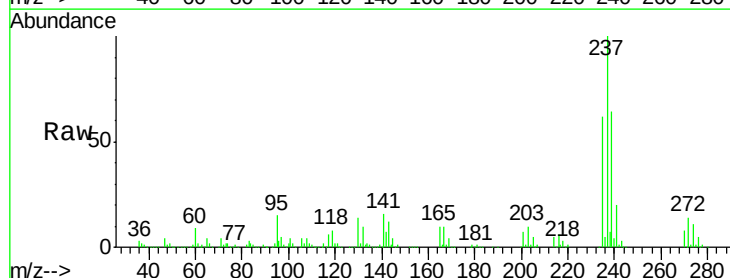
Tgt Ion:237 Resp: 365052

Ion Ratio Lower Upper

237 100

235 61.7 44.8 84.8

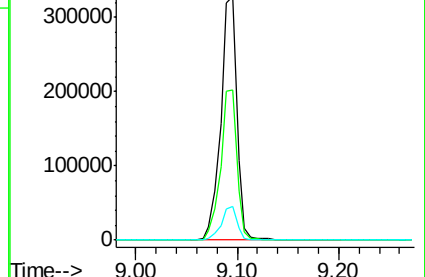
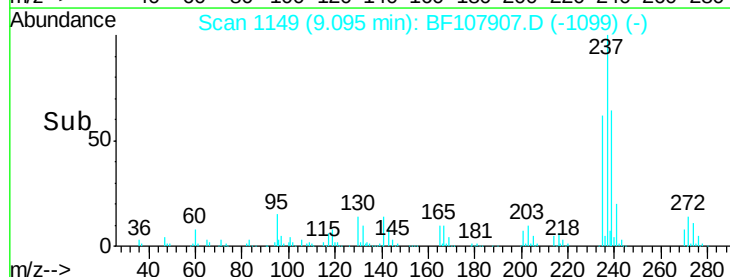
272 13.9 0.0 33.3

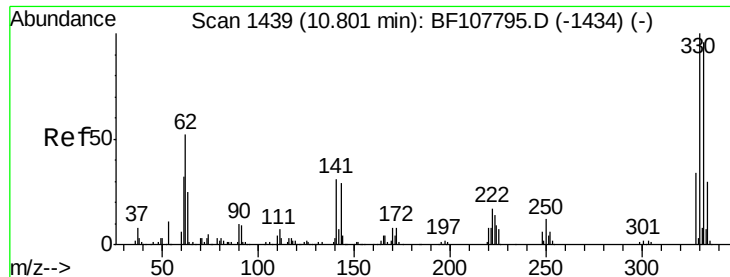


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

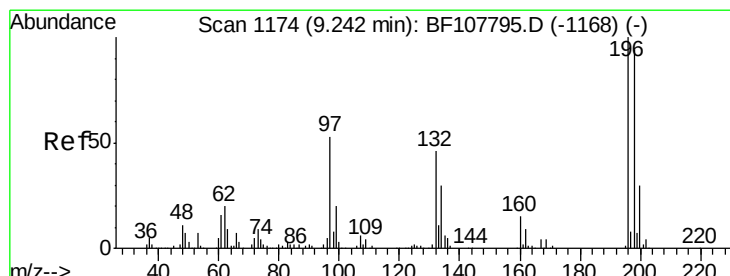
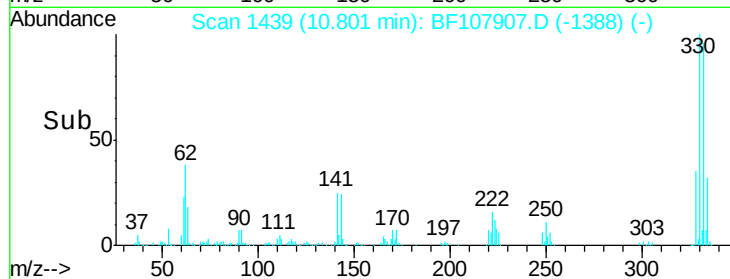
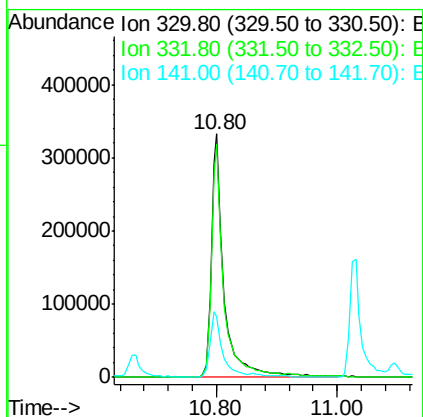
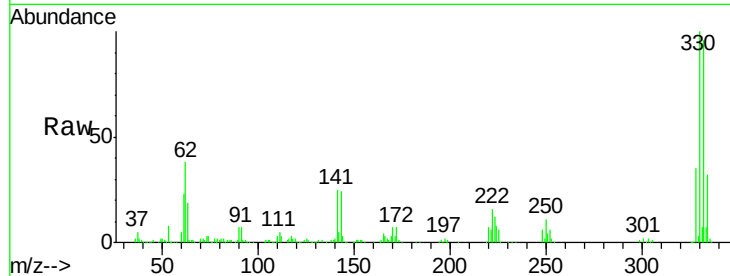




#41
 2,4,6-Tribromophenol
 Concen: 122.206 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

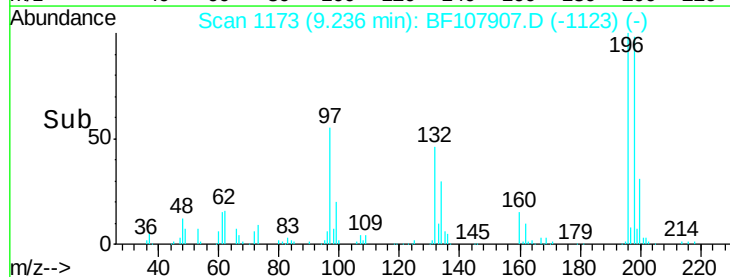
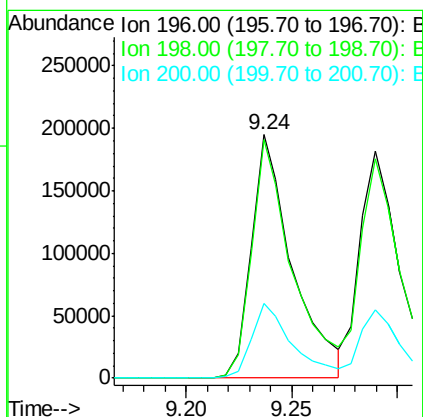
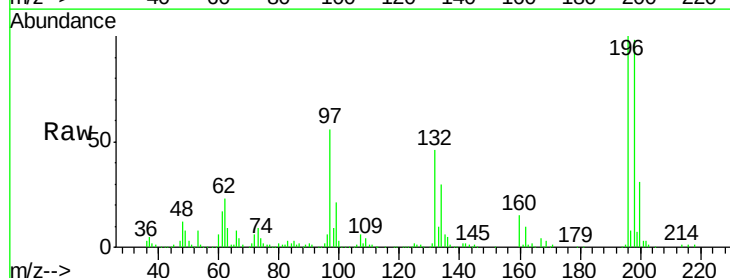
Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

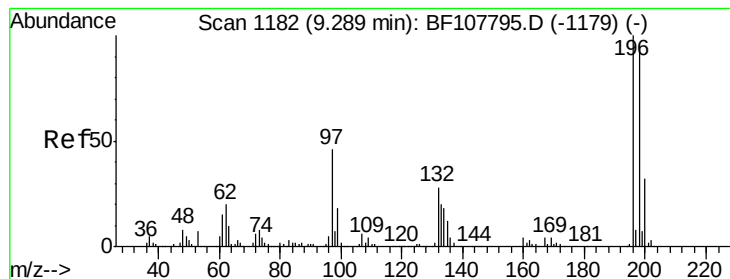
Tgt Ion:330 Resp: 488562
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 25.6 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 47.263 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Tgt Ion:196 Resp: 262107
 Ion Ratio Lower Upper
 196 100
 198 98.0 75.7 113.5
 200 30.6 24.5 36.7





#43

2,4,5-Trichlorophenol

Concen: 43.506 ng

RT: 9.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

Tgt Ion:196 Resp: 290461

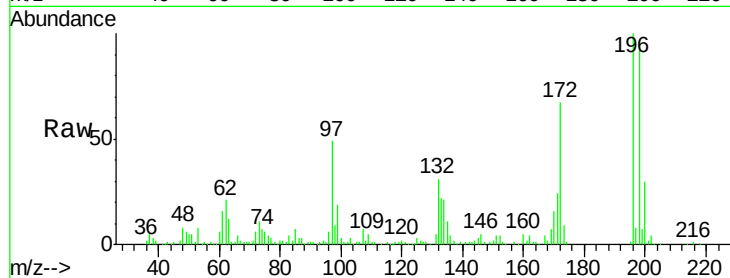
Ion Ratio Lower Upper

196 100

198 96.9 74.6 112.0

97 48.8 42.9 64.3

132 30.7 26.3 39.5

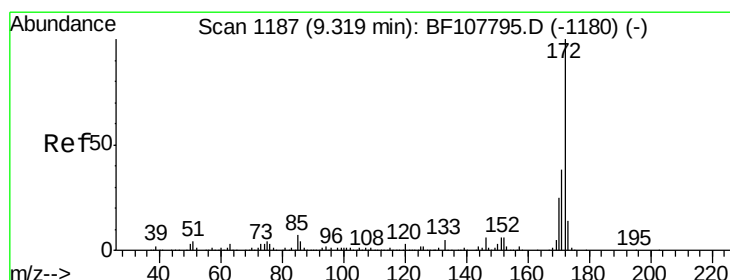
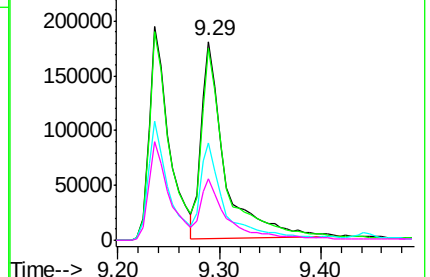
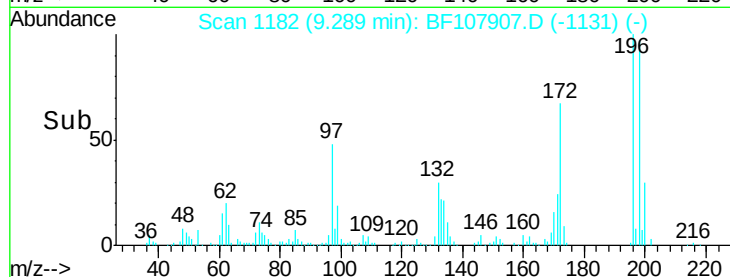


Abundance Ion 196.00 (195.70 to 196.70): E

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: 82.966 ng

RT: 9.31 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

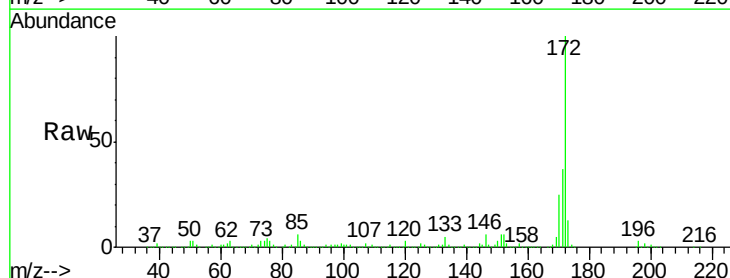
Tgt Ion:172 Resp: 1751726

Ion Ratio Lower Upper

172 100

171 36.8 29.7 44.5

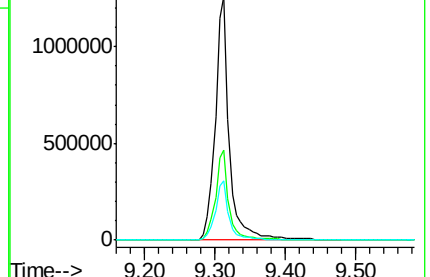
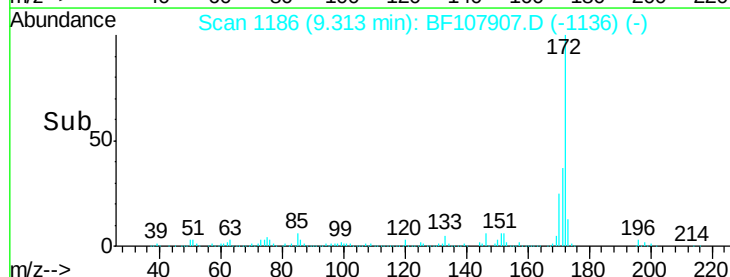
170 24.6 19.6 29.4

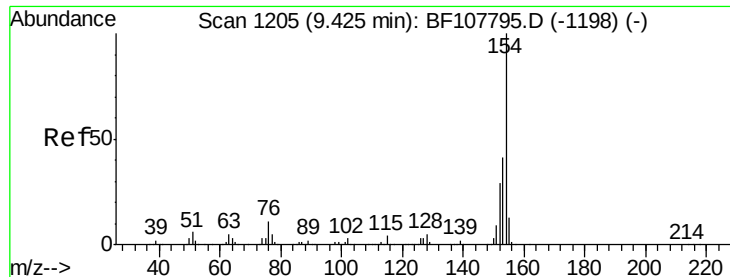


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

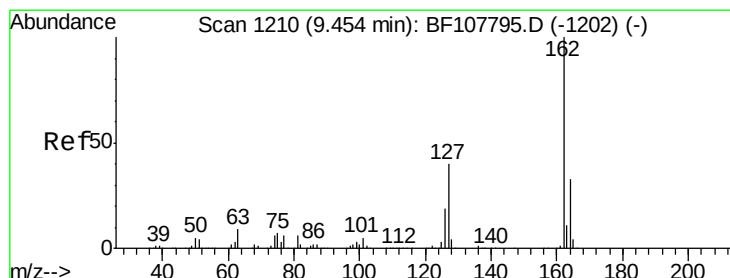
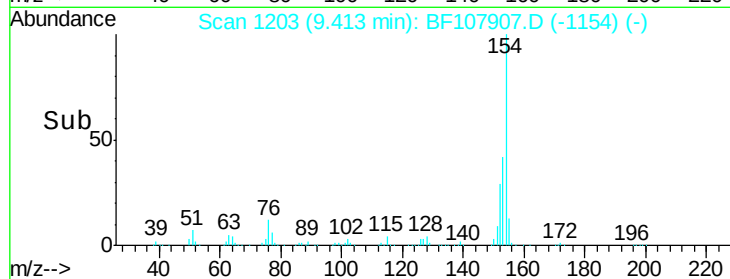
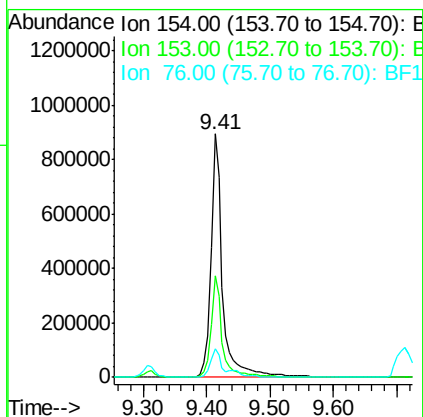
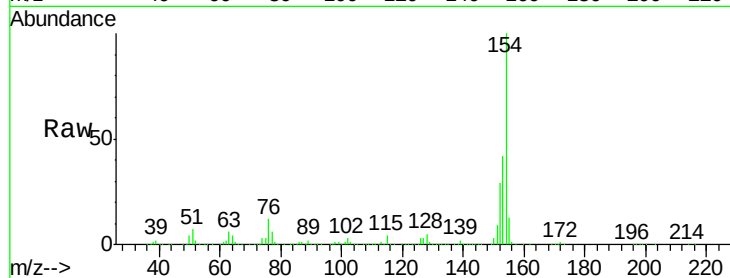




#45
 1,1'-Biphenyl
 Concen: 43.872 ng
 RT: 9.41 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

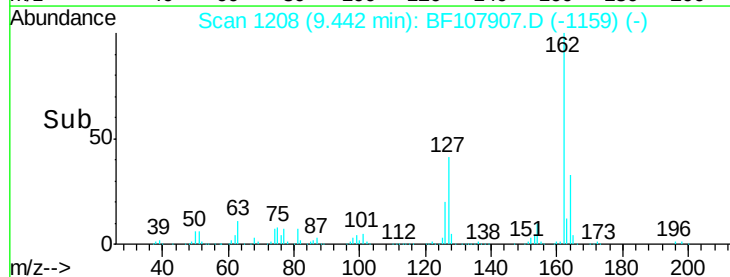
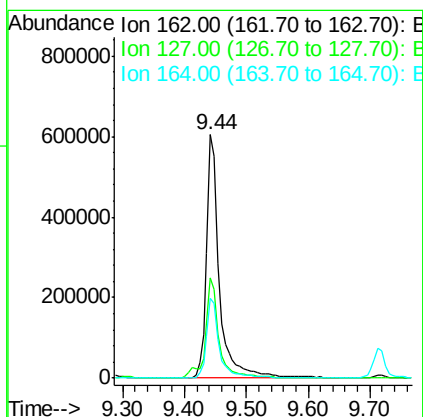
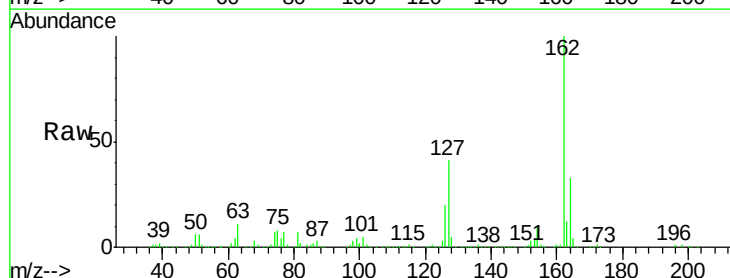
Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

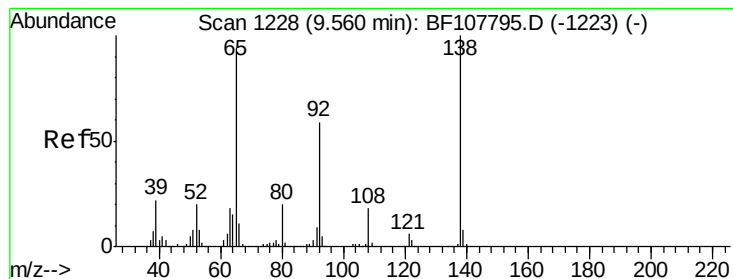
Tgt Ion:154 Resp: 1174706
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.3 61.3
 76 11.9 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 43.222 ng
 RT: 9.44 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Tgt Ion:162 Resp: 872729
 Ion Ratio Lower Upper
 162 100
 127 41.4 33.9 50.9
 164 32.7 26.5 39.7





#47

2-Nitroaniline

Concen: 44.718 ng

RT: 9.56 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

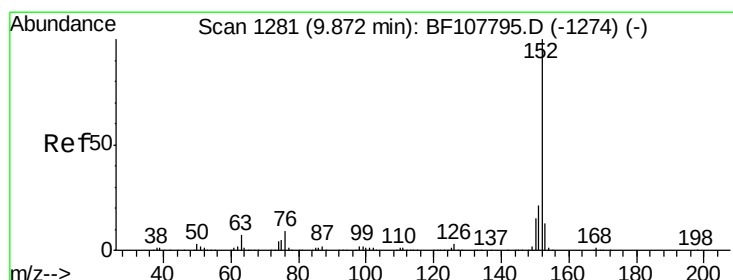
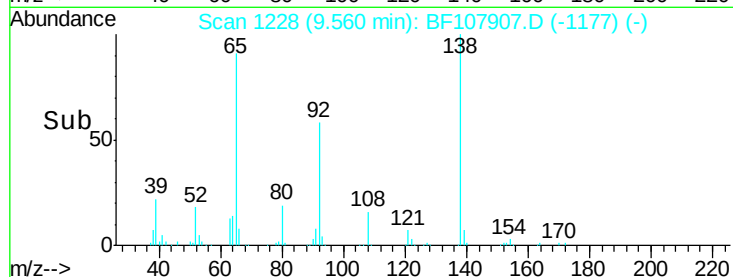
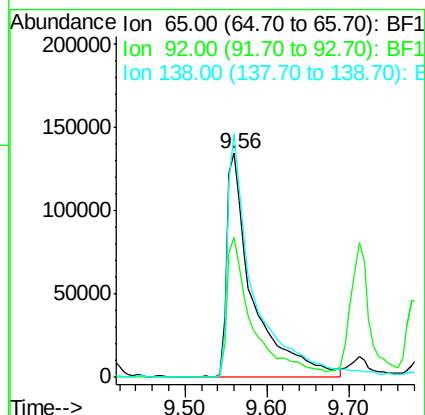
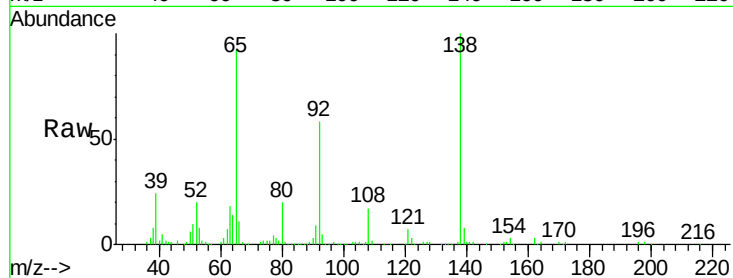
Tgt Ion: 65 Resp: 293698

Ion Ratio Lower Upper

65 100

92 62.6 55.8 83.6

138 108.7 91.2 136.8



#48

Acenaphthylene

Concen: 44.715 ng

RT: 9.86 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

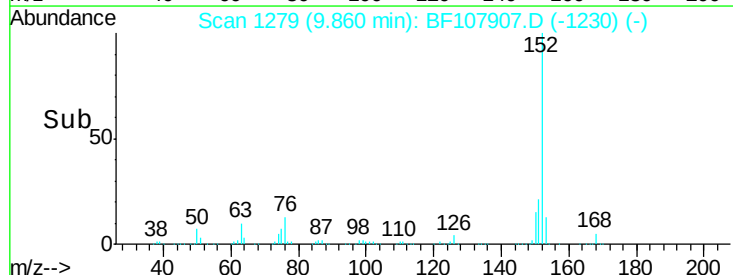
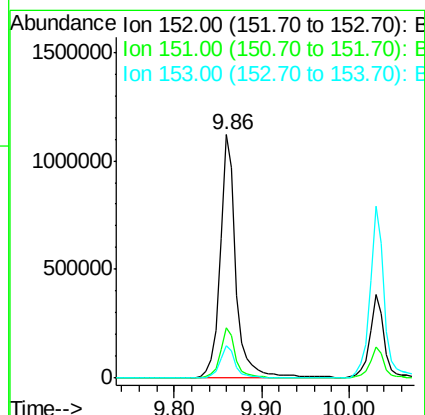
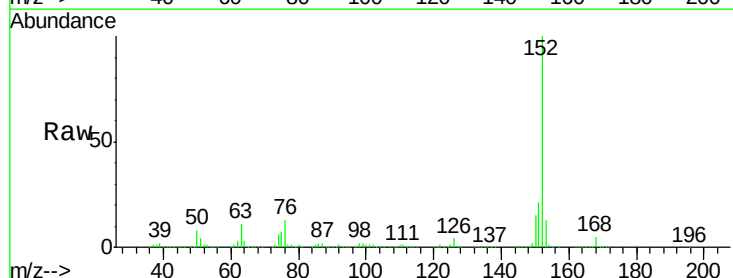
Tgt Ion: 152 Resp: 1399725

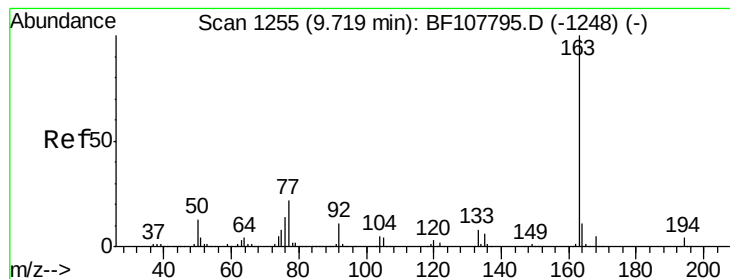
Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 44.210 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

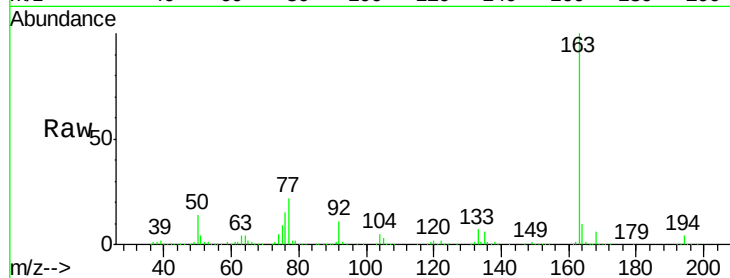
Tgt Ion:163 Resp: 976878

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

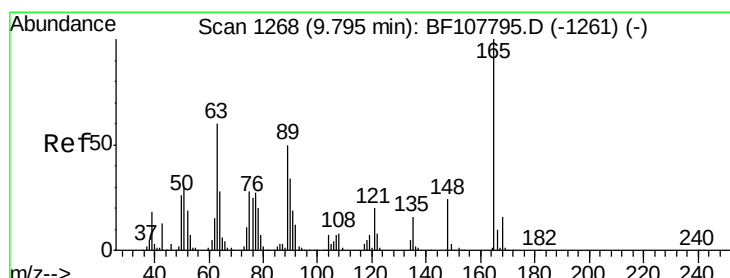
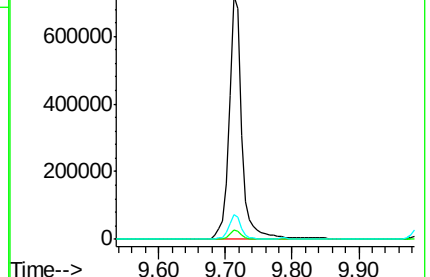
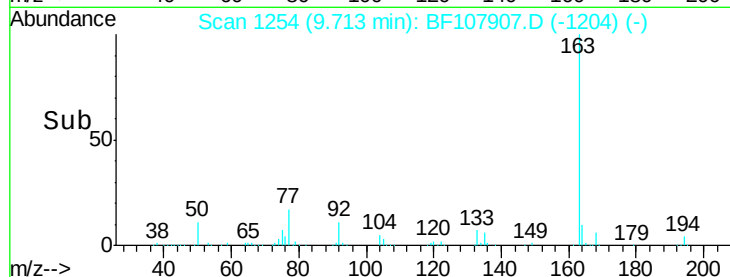
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.428 ng

RT: 9.79 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

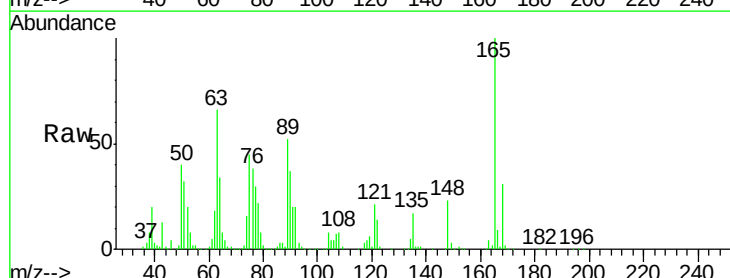
Tgt Ion:165 Resp: 213341

Ion Ratio Lower Upper

165 100

63 65.5 44.7 67.1

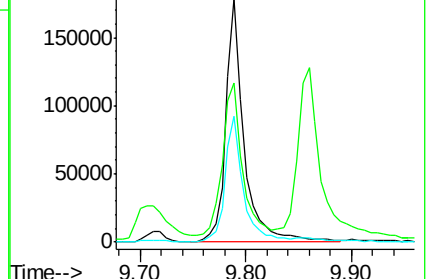
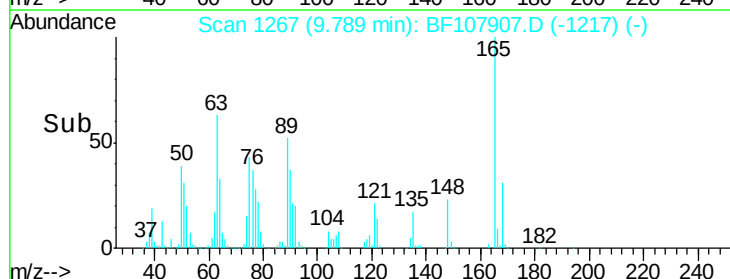
89 51.7 44.0 66.0

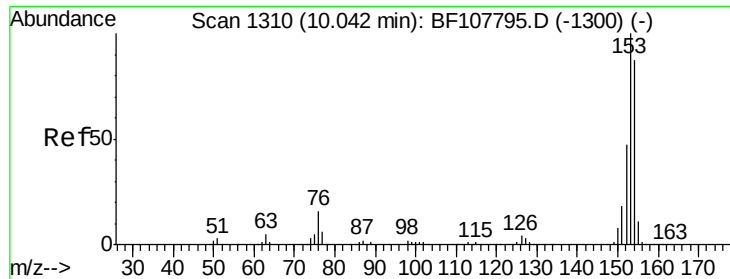


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 42.644 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

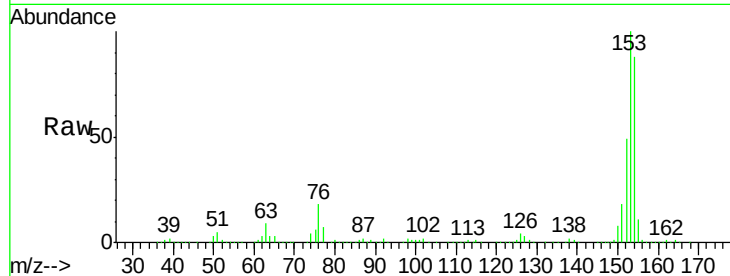
Tgt Ion:154 Resp: 775422

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

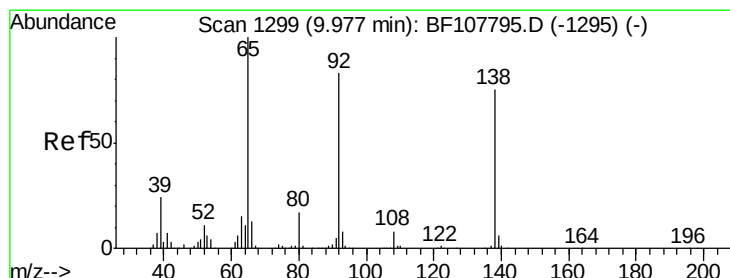
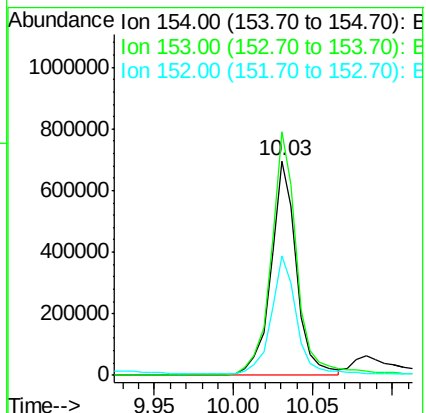
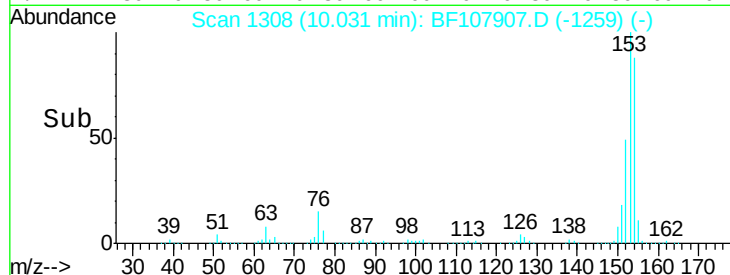
152 55.5 43.8 65.8



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: 31.382 ng

RT: 9.98 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

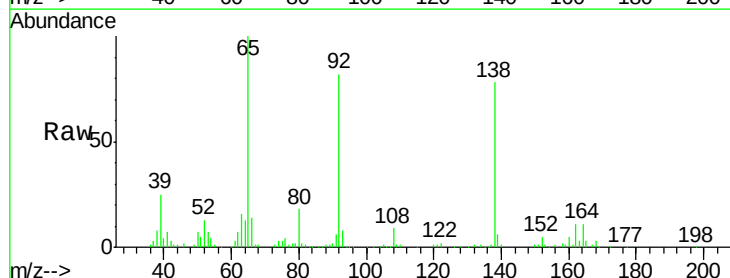
Tgt Ion:138 Resp: 189893

Ion Ratio Lower Upper

138 100

108 11.6 9.4 14.0

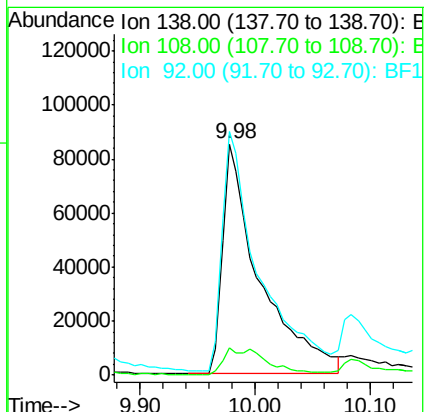
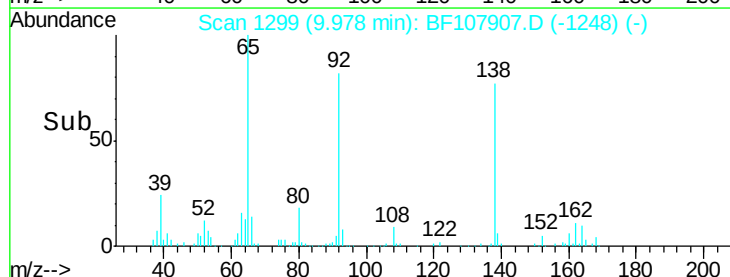
92 105.2 89.4 134.2

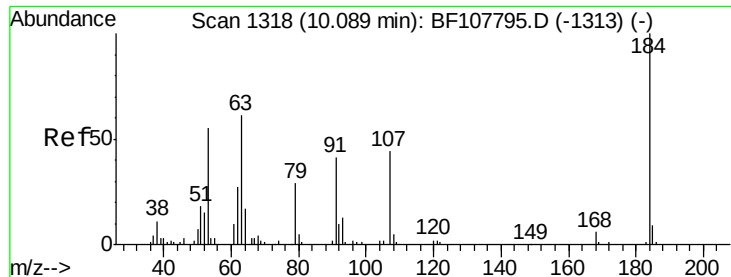


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

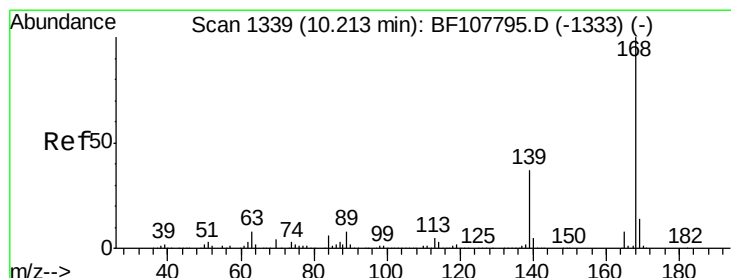
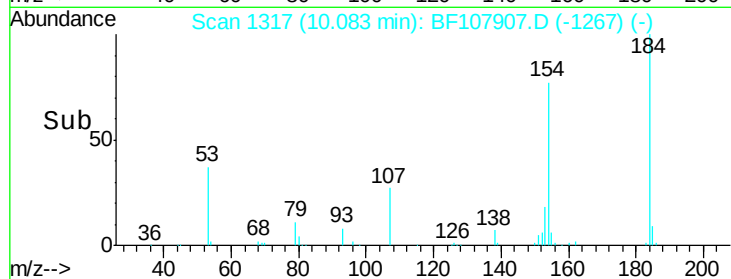
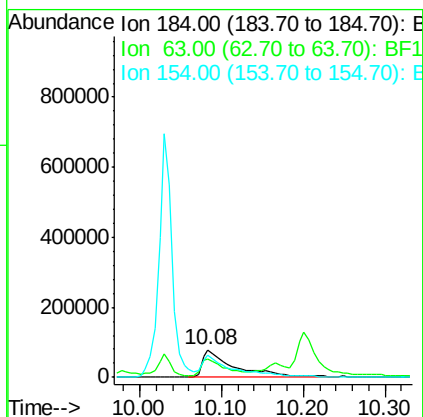
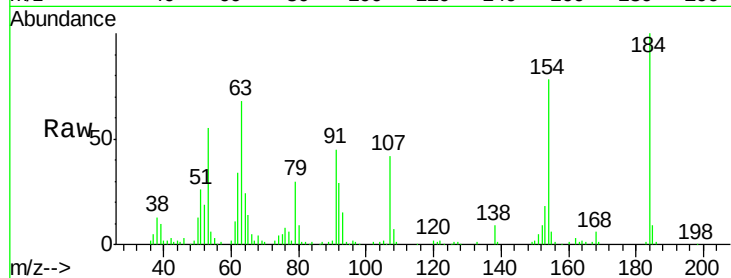




#53
2,4-Dinitrophenol
Concen: 86.153 ng
RT: 10.08 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

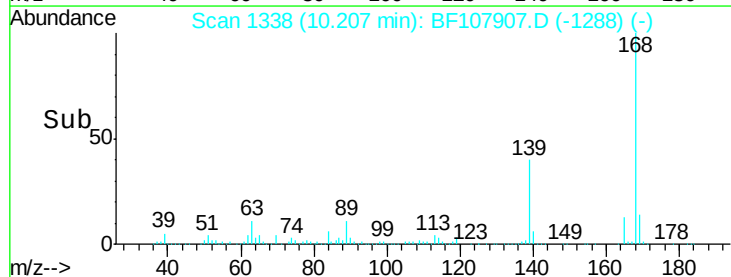
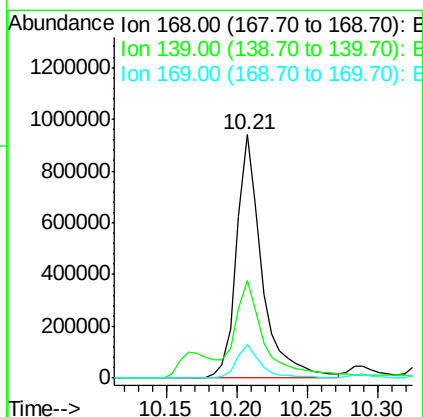
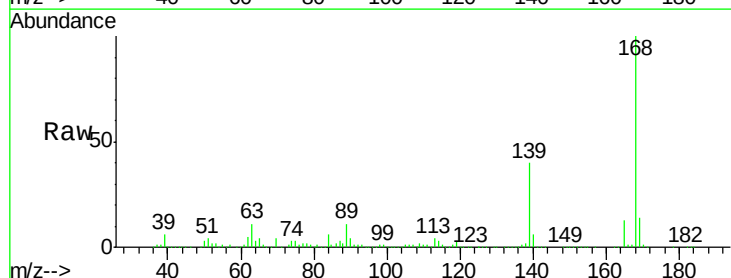
Instrument :
BNA_F
ClientSampleId :
PB111618BS

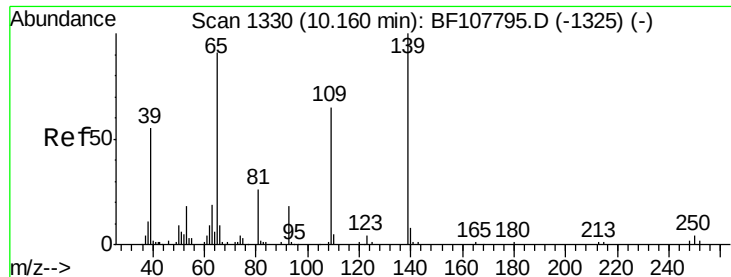
Tgt Ion:184 Resp: 219873
Ion Ratio Lower Upper
184 100
63 68.2 54.2 81.2
154 78.3 184.0 276.0#



#54
Dibenzofuran
Concen: 41.865 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion:168 Resp: 1176629
Ion Ratio Lower Upper
168 100
139 39.9 30.1 45.1
169 13.6 10.9 16.3

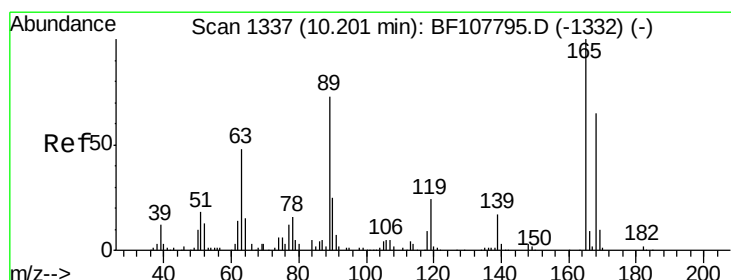
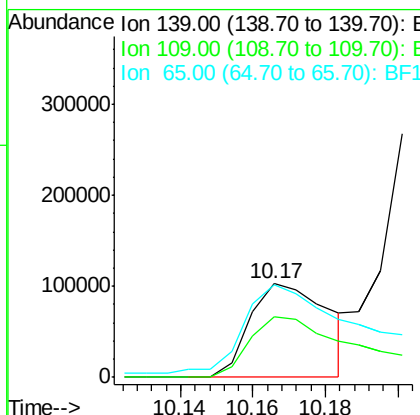
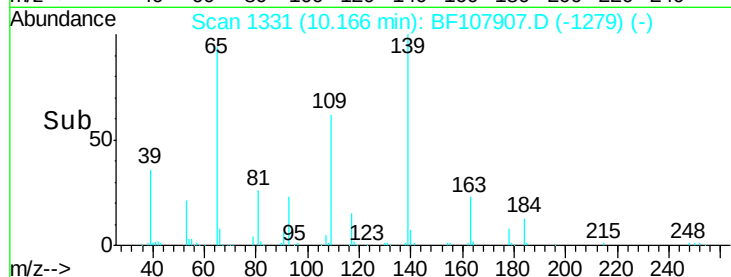
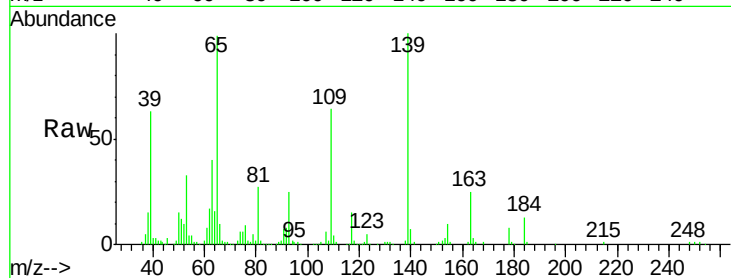




#55
4-Nitrophenol
Concen: 57.194 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

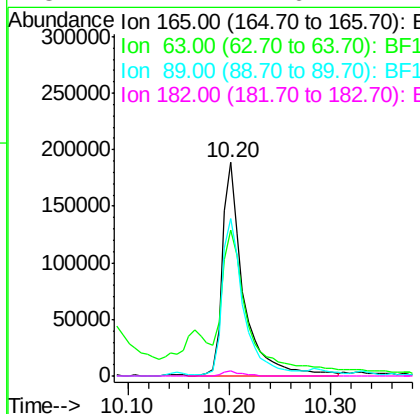
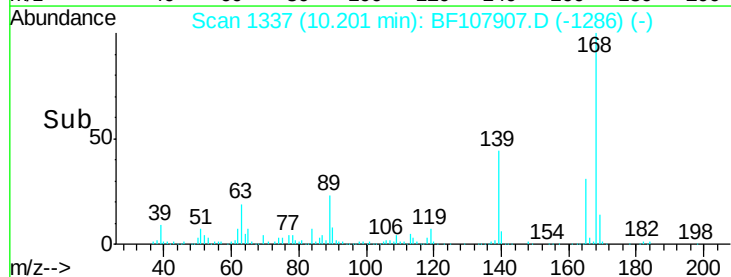
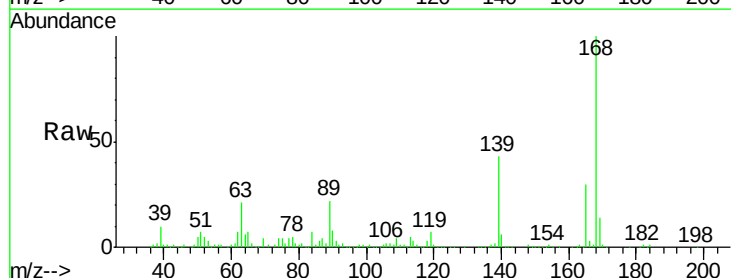
Instrument :
BNA_F
ClientSampleId :
PB111618BS

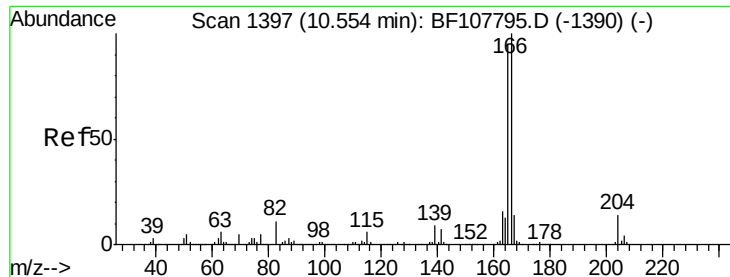
Tgt Ion:139 Resp: 154323
Ion Ratio Lower Upper
139 100
109 64.0 48.4 88.4
65 98.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 42.266 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion:165 Resp: 266756
Ion Ratio Lower Upper
165 100
63 68.1 36.4 54.6#
89 73.8 57.8 86.6
182 2.4 1.6 2.4#

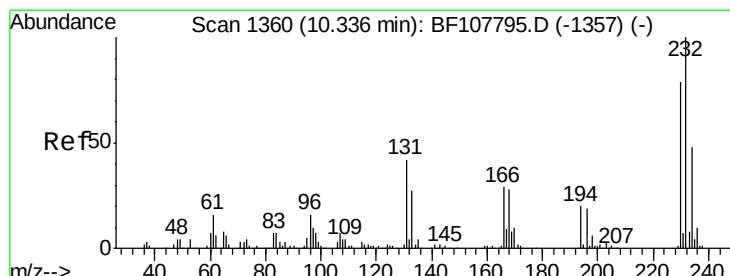
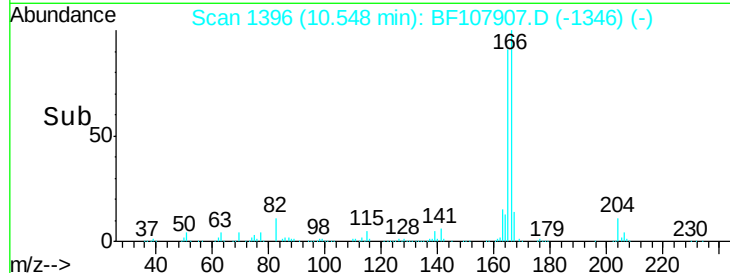
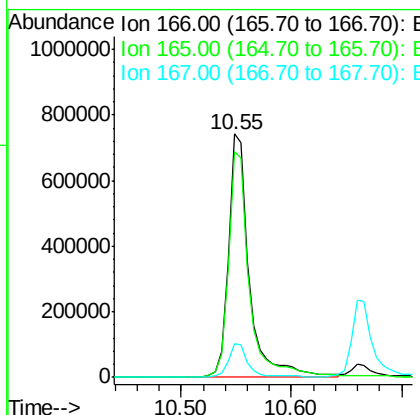
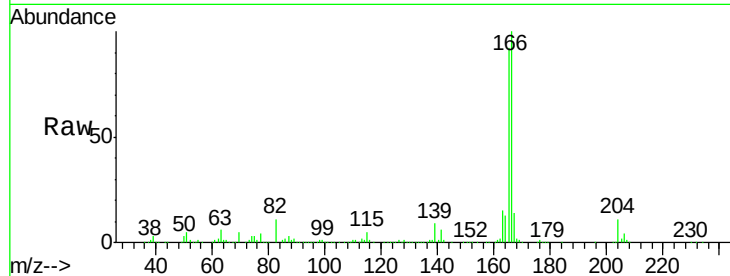




#57
 Fluorene
 Concen: 44.905 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

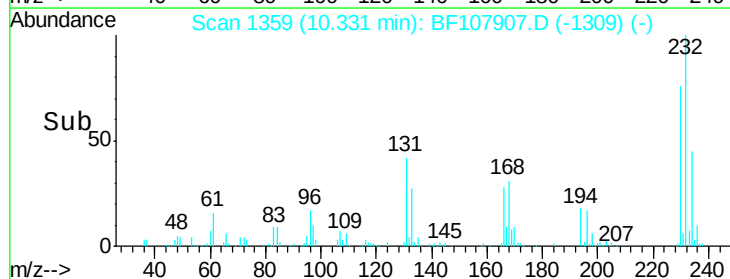
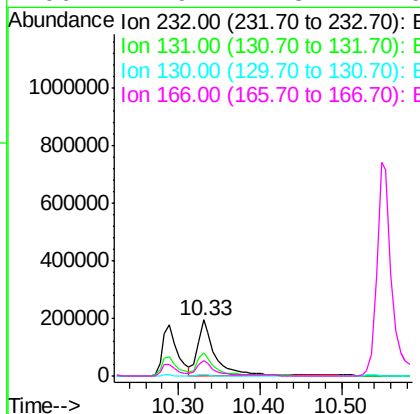
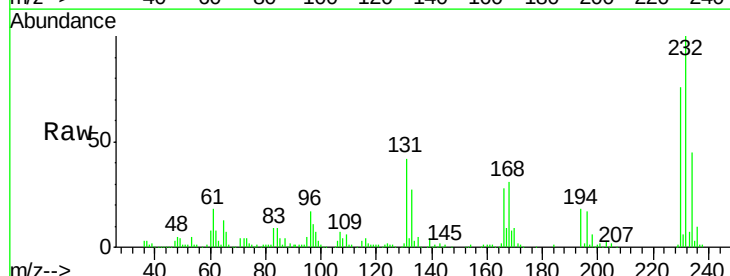
Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

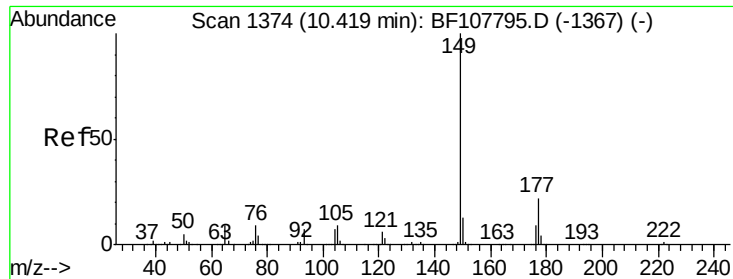
Tgt Ion:166 Resp: 980835
 Ion Ratio Lower Upper
 166 100
 165 92.4 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.802 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Tgt Ion:232 Resp: 286995
 Ion Ratio Lower Upper
 232 100
 131 37.1 43.8 65.8#
 130 2.1 2.1 3.1#
 166 24.9 27.8 41.6#

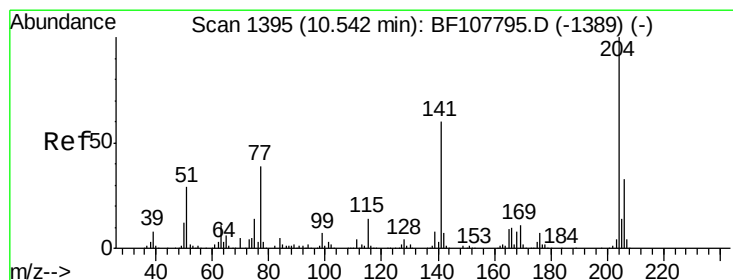
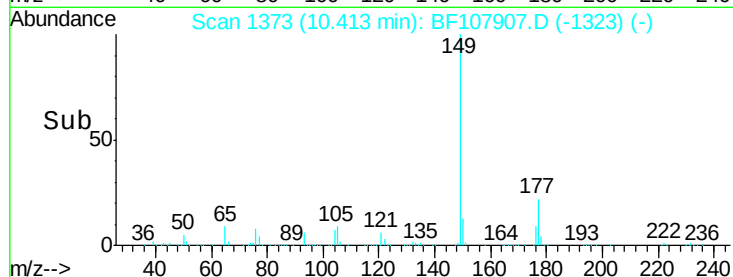
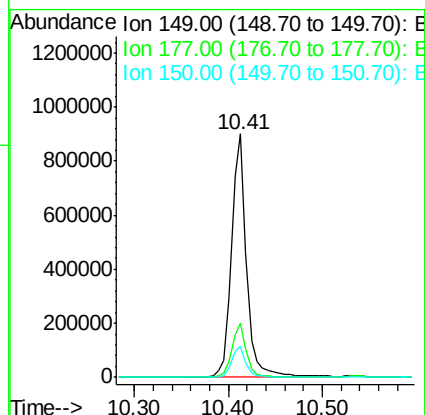
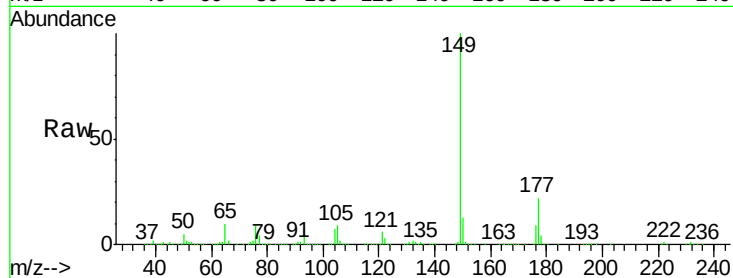




#59
Diethylphthalate
Concen: 42.223 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

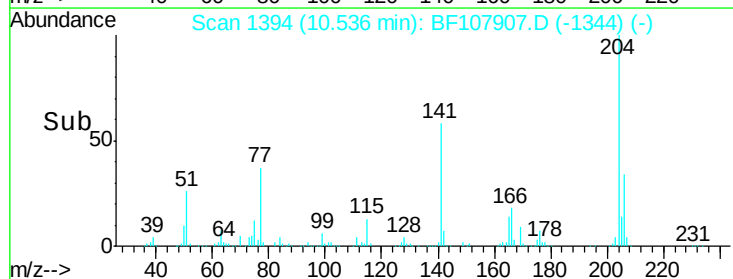
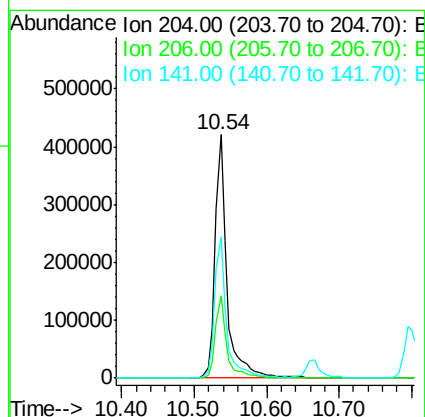
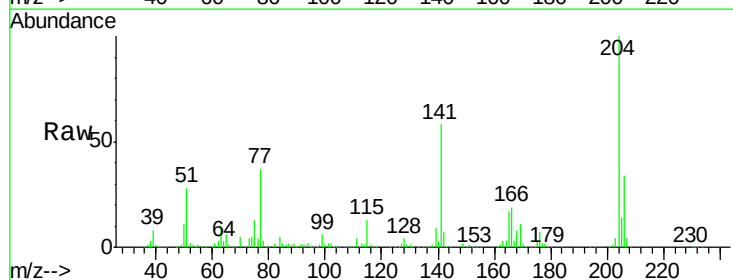
Instrument :
BNA_F
ClientSampleId :
PB111618BS

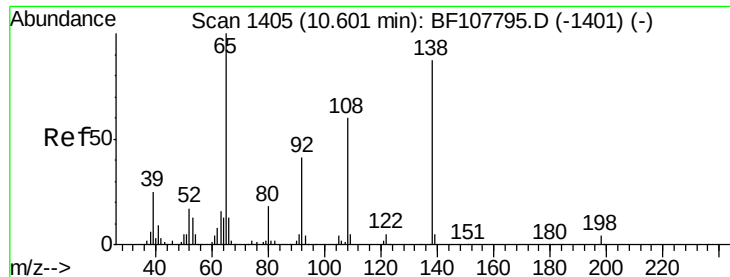
Tgt Ion:149 Resp: 1003095
Ion Ratio Lower Upper
149 100
177 22.2 16.1 24.1
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.648 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion:204 Resp: 483663
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 57.8 54.6 81.8





#61

4-Nitroaniline

Concen: 44.254 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

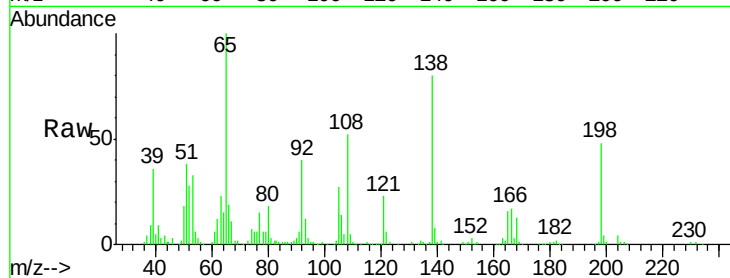
Tgt Ion:138 Resp: 237640

Ion Ratio Lower Upper

138 100

92 49.8 30.2 70.2

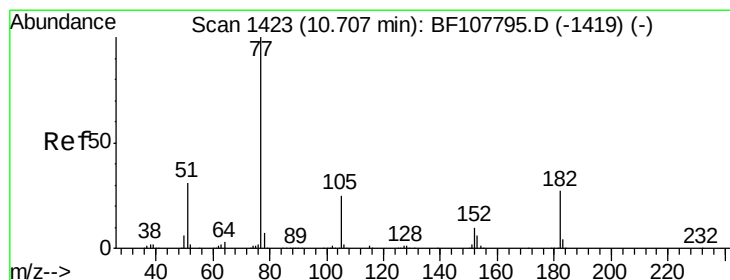
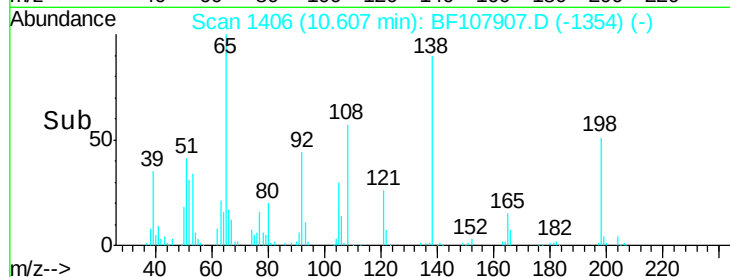
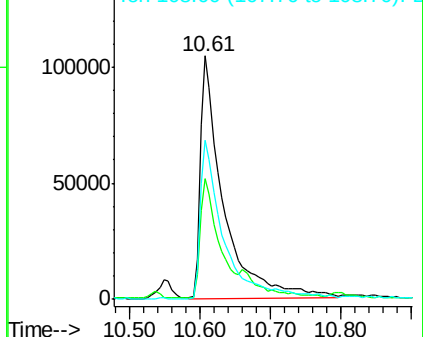
108 65.6 52.5 92.5



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: 42.825 ng

RT: 10.70 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Tgt Ion: 77 Resp: 947551

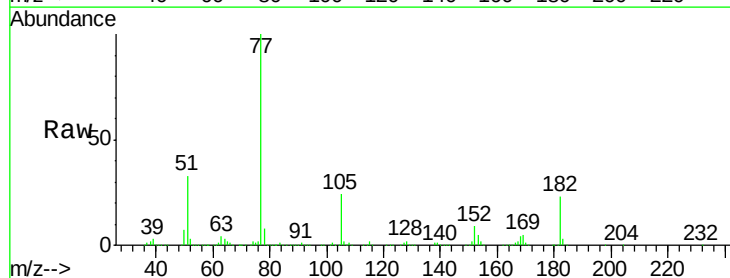
Ion Ratio Lower Upper

77 100

182 22.8 1.7 41.7

105 23.9 3.0 43.0

51 32.8 9.9 49.9

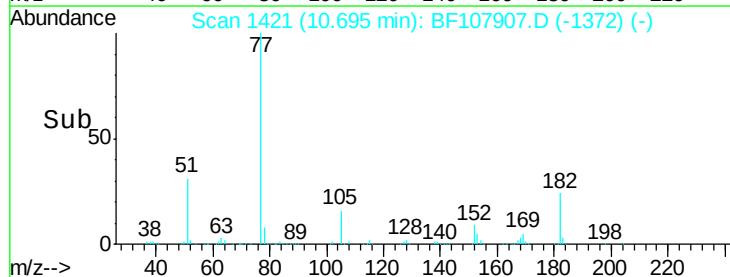
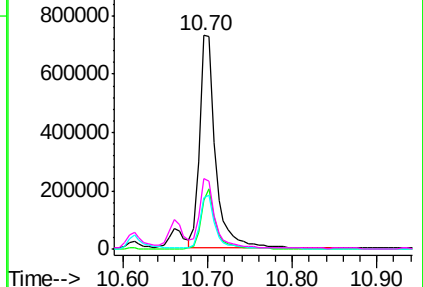


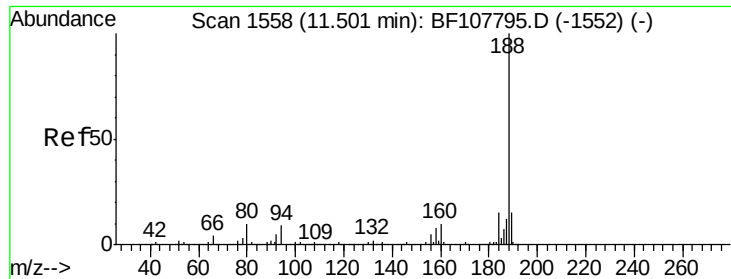
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

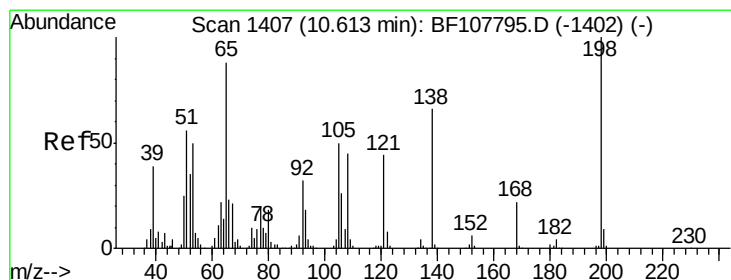
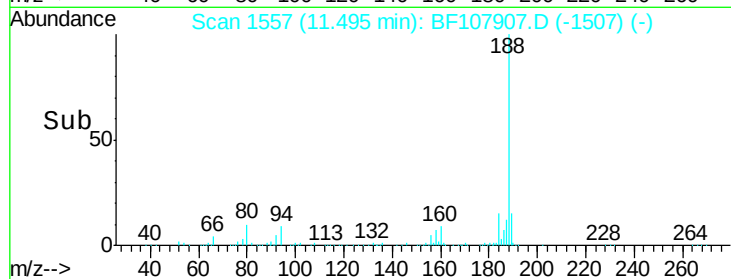
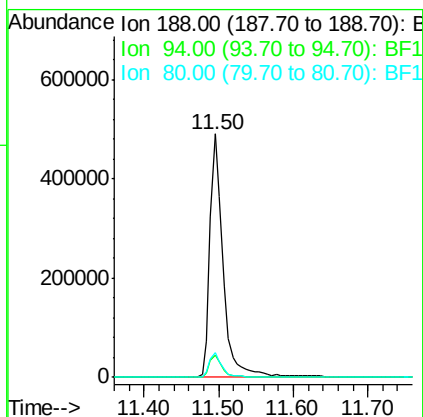
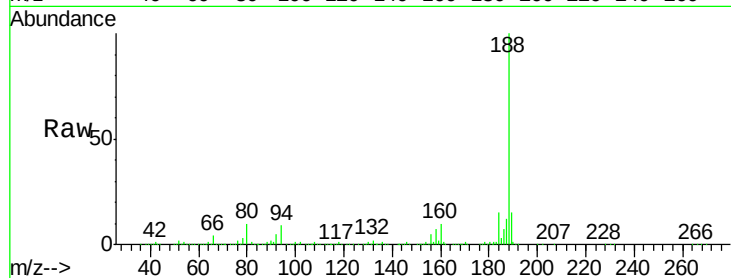




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

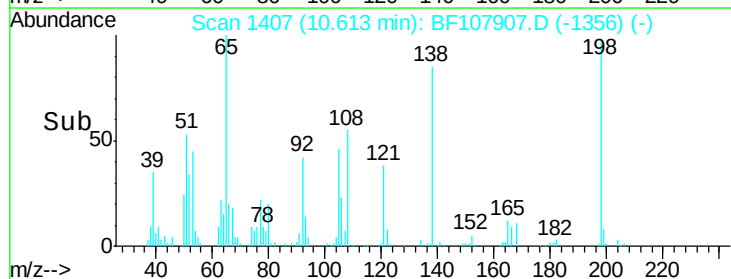
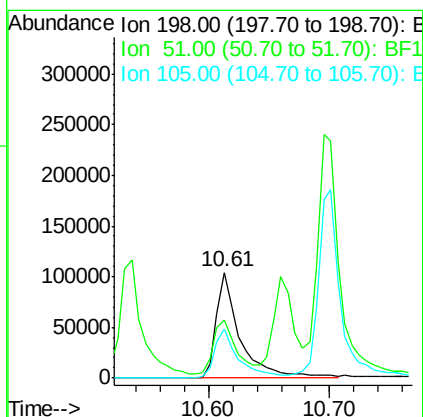
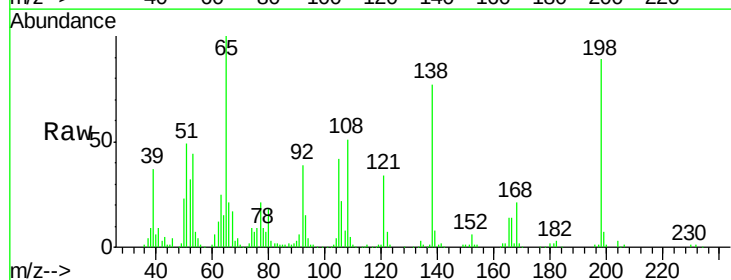
Instrument :
BNA_F
ClientSampleId :
PB111618BS

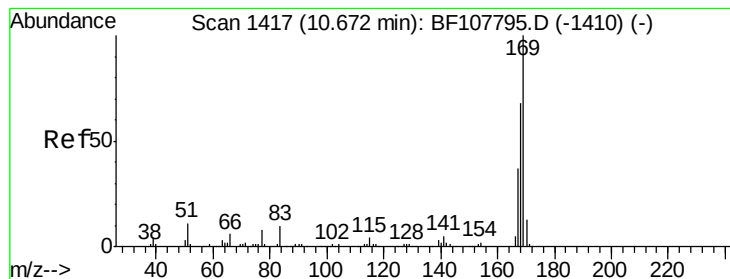
Tgt Ion:188 Resp: 608802
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 43.026 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion:198 Resp: 142504
Ion Ratio Lower Upper
198 100
51 55.1 37.7 77.7
105 46.9 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 42.528 ng

RT: 10.66 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

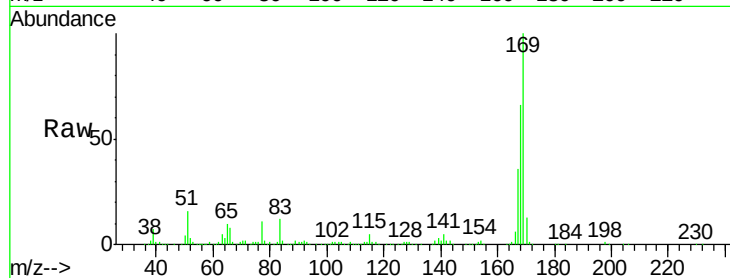
Tgt Ion:169 Resp: 852528

Ion Ratio Lower Upper

169 100

168 66.5 54.4 81.6

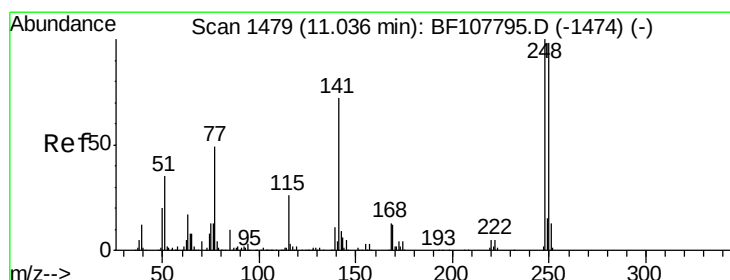
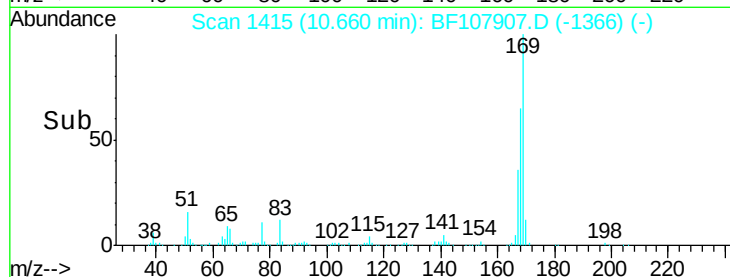
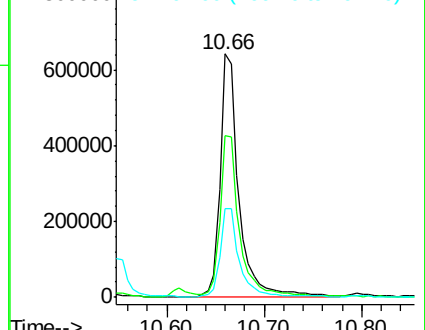
167 36.4 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.122 ng

RT: 11.03 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

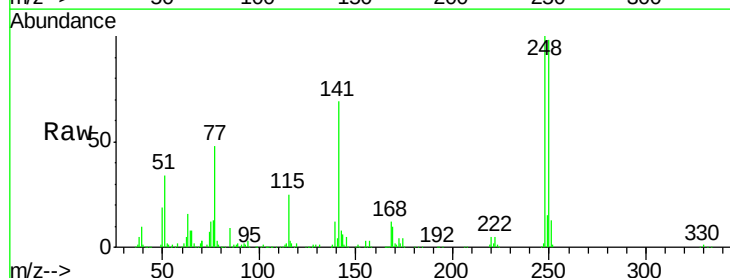
Tgt Ion:248 Resp: 313084

Ion Ratio Lower Upper

248 100

250 98.3 76.9 115.3

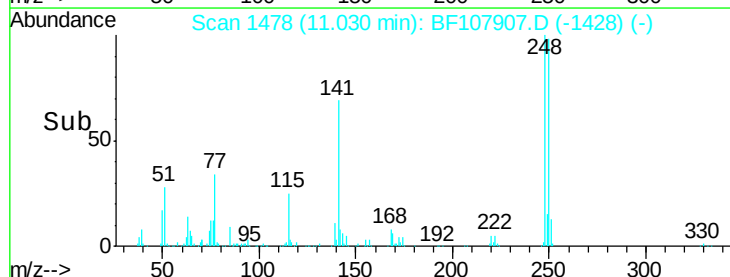
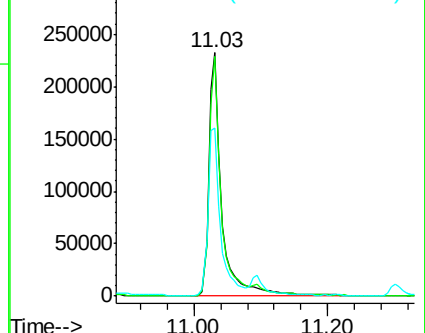
141 69.2 74.4 111.6#

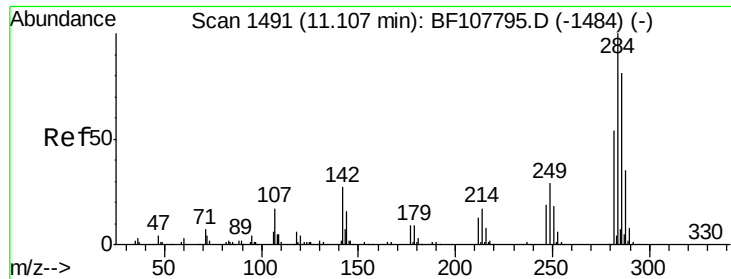


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

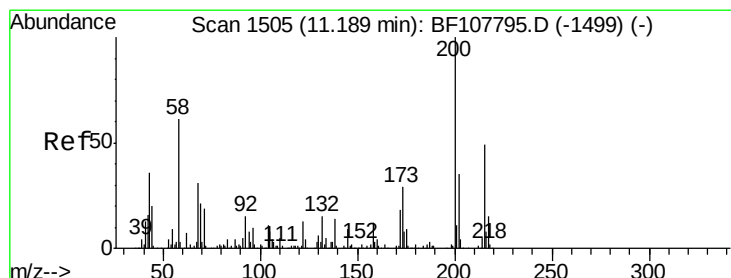
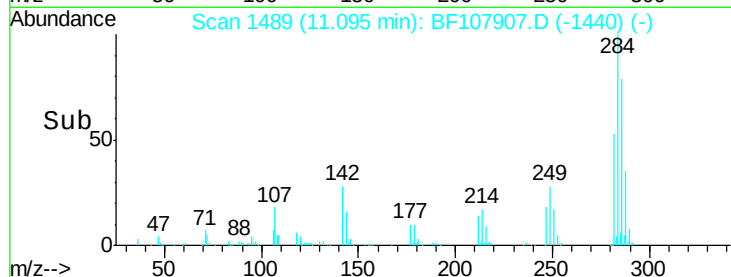
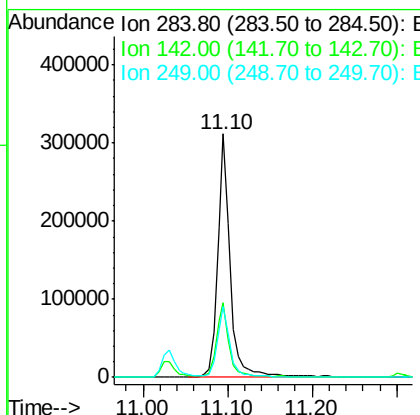
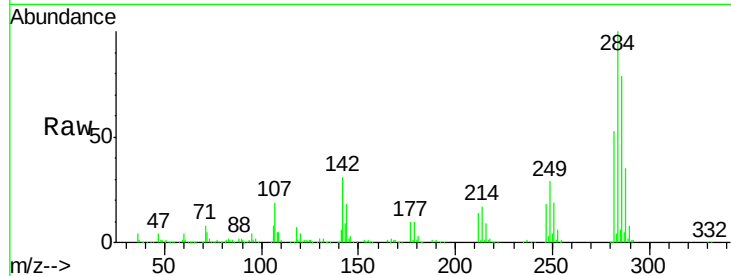




#67
Hexachlorobenzene
Concen: 42.042 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

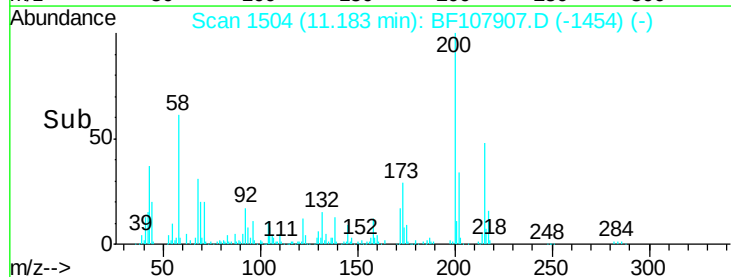
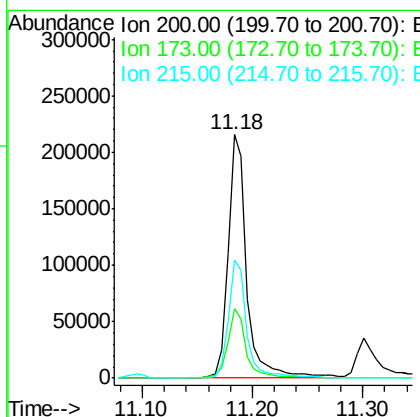
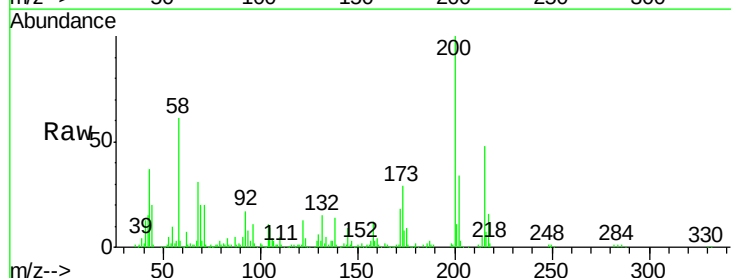
Instrument :
BNA_F
ClientSampleId :
PB111618BS

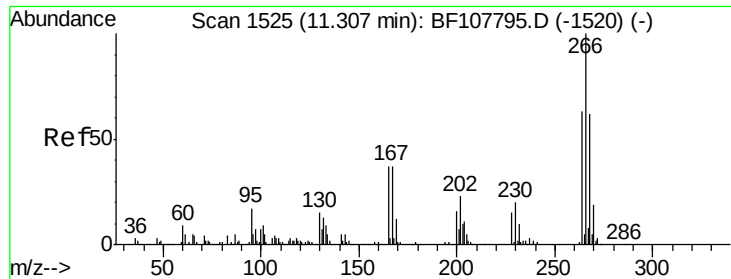
Tgt Ion: 284 Resp: 330819
Ion Ratio Lower Upper
284 100
142 30.6 34.6 52.0#
249 29.1 24.8 37.2



#68
Atrazine
Concen: 42.950 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion: 200 Resp: 254821
Ion Ratio Lower Upper
200 100
173 28.7 8.6 48.6
215 48.4 25.1 65.1

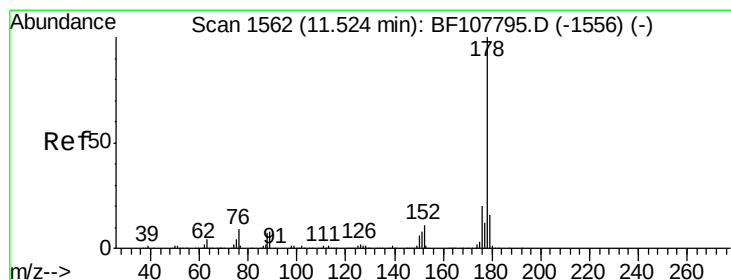
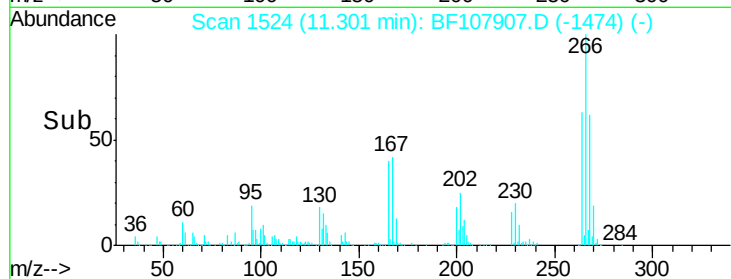
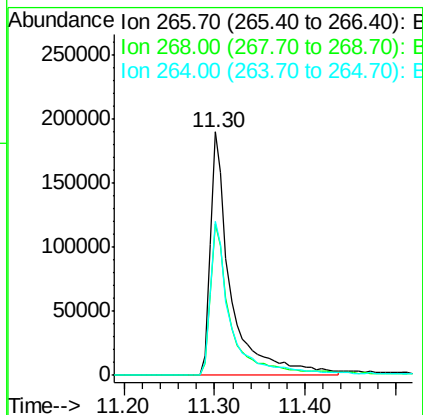
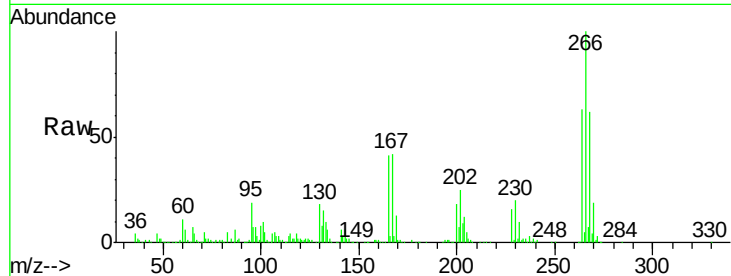




#69
 Pentachlorophenol
 Concen: 77.922 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

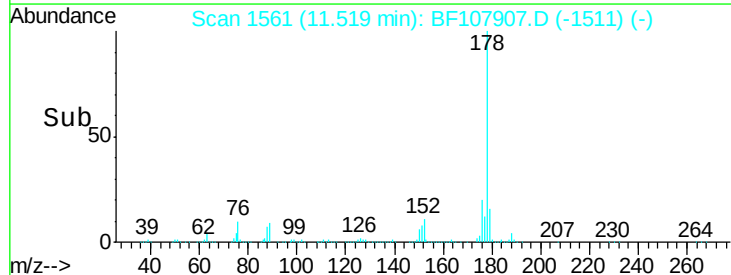
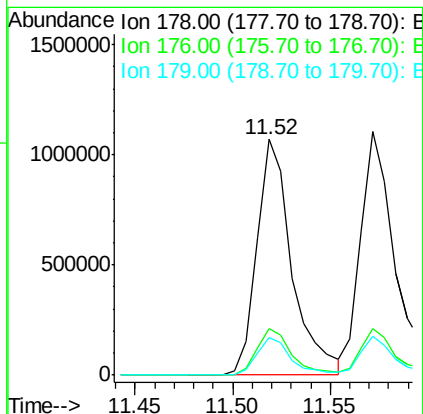
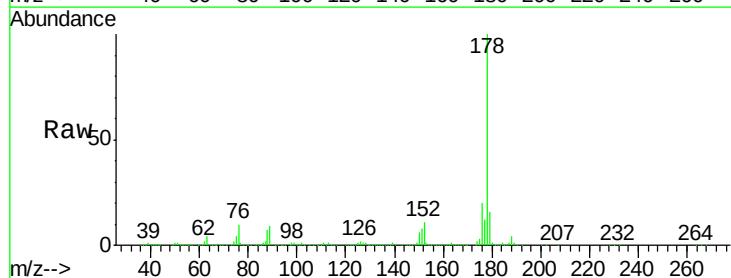
Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

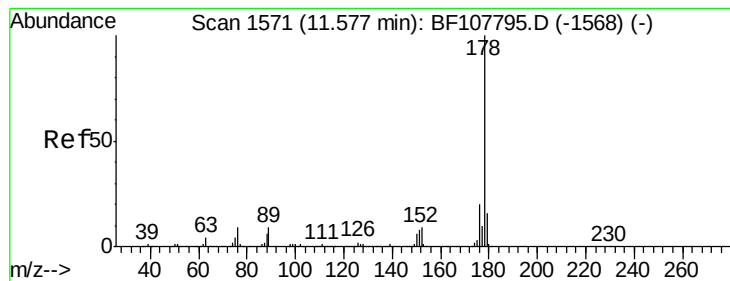
Tgt Ion: 266 Resp: 301836
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.1 76.7
 264 63.4 49.5 74.3



#70
 Phenanthrene
 Concen: 46.134 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Tgt Ion: 178 Resp: 1333640
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 16.0 13.0 19.6





#71

Anthracene

Concen: 47.047 ng

RT: 11.57 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

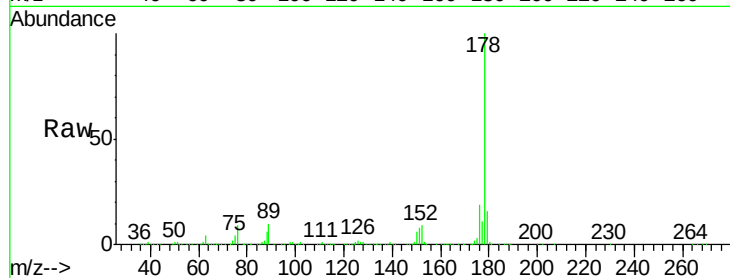
Tgt Ion:178 Resp: 1568695

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

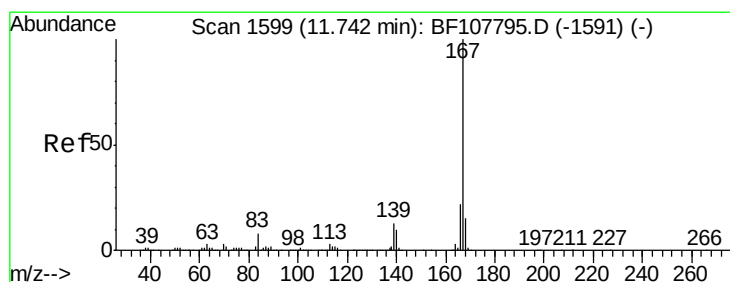
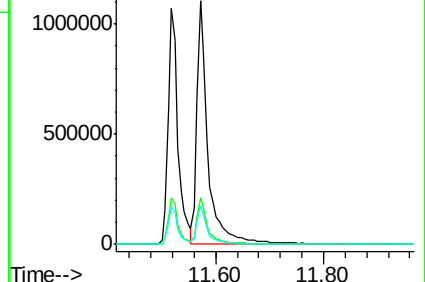
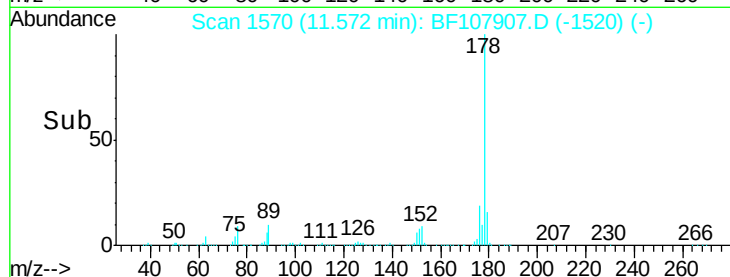
179 16.0 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.540 ng

RT: 11.74 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

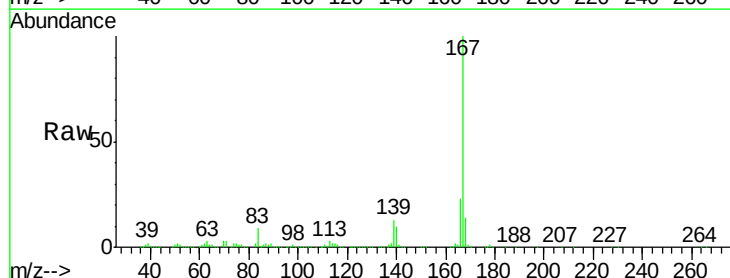
Tgt Ion:167 Resp: 1434661

Ion Ratio Lower Upper

167 100

166 22.8 17.6 26.4

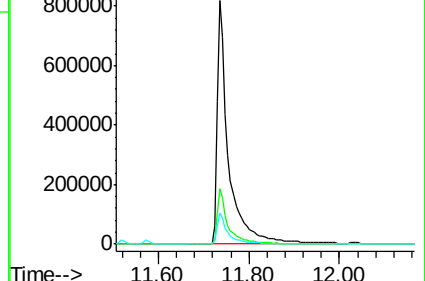
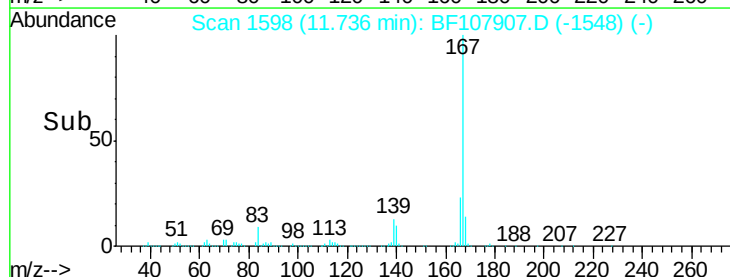
139 13.0 10.9 16.3

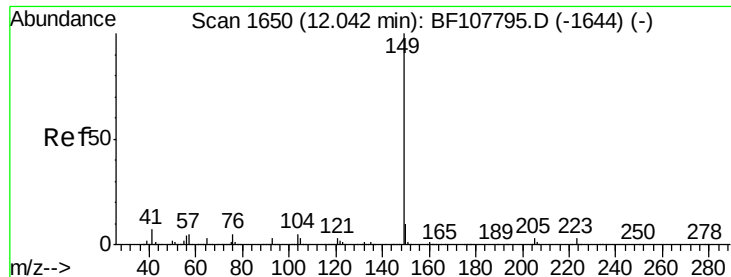


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

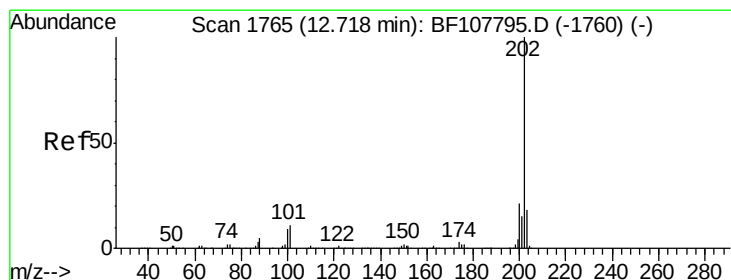
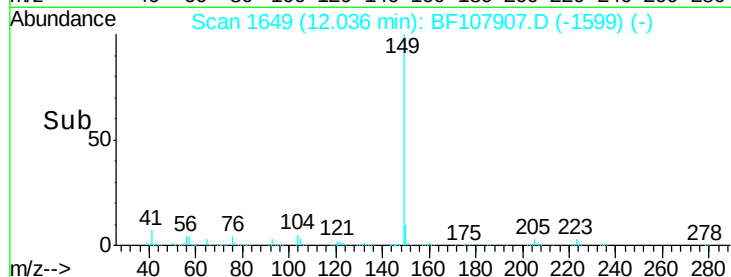
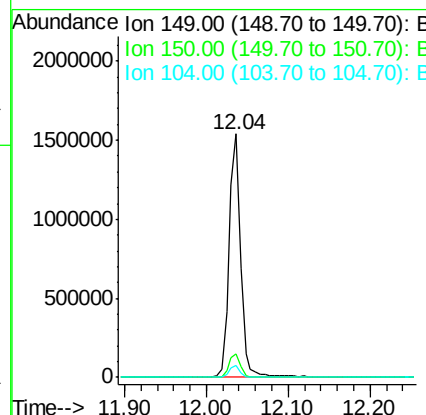
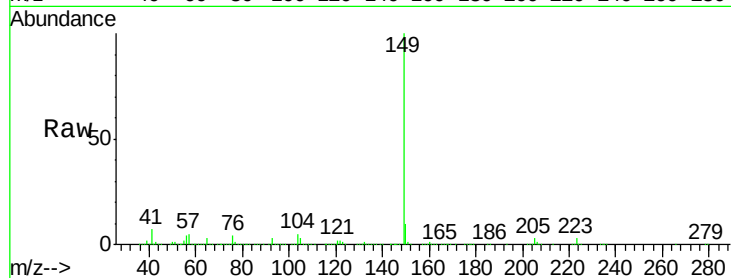




#73
Di-n-butylphthalate
Concen: 42.281 ng
RT: 12.04 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

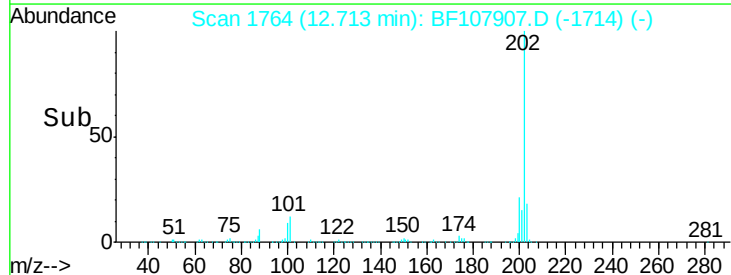
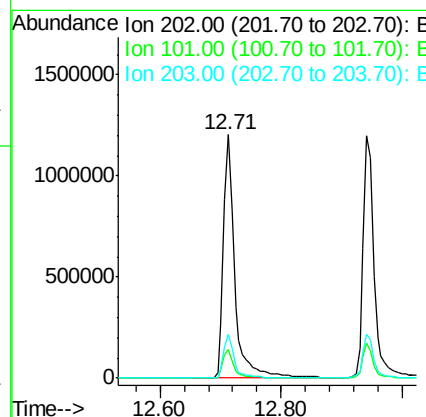
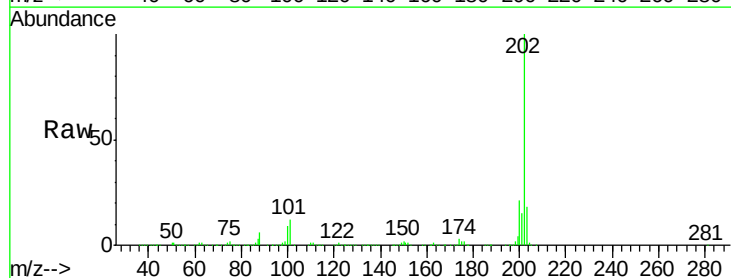
Instrument :
BNA_F
ClientSampleId :
PB111618BS

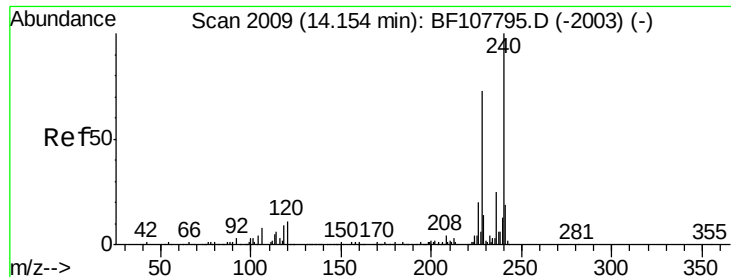
Tgt Ion:149 Resp: 1519899
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 4.8 3.8 5.8



#74
Fluoranthene
Concen: 45.916 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion:202 Resp: 1559359
Ion Ratio Lower Upper
202 100
101 11.5 0.0 34.1
203 18.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

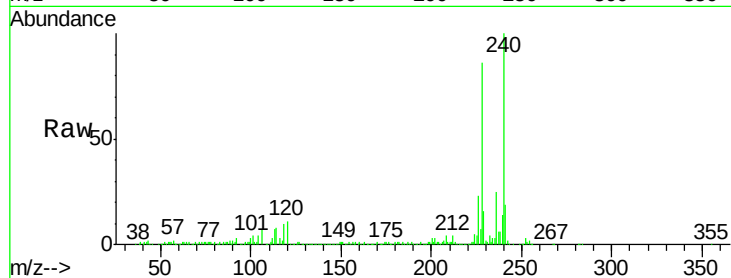
Tgt Ion:240 Resp: 443476

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

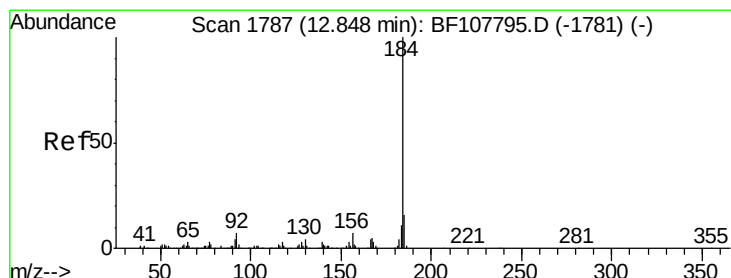
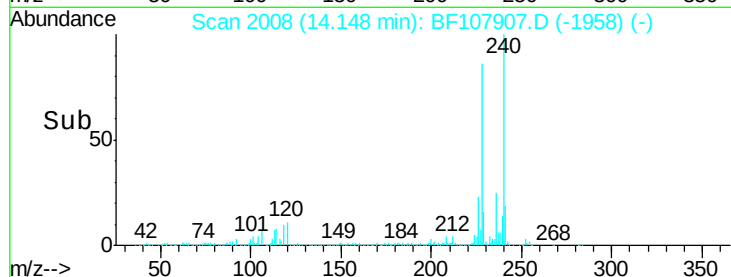
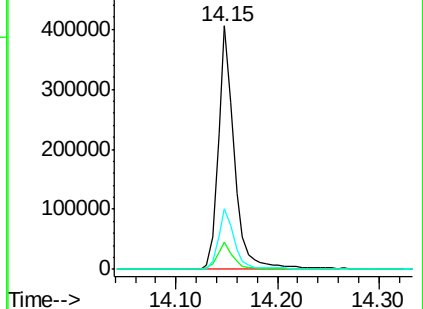
236 25.0 20.7 31.1



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: 60.365 ng

RT: 12.85 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

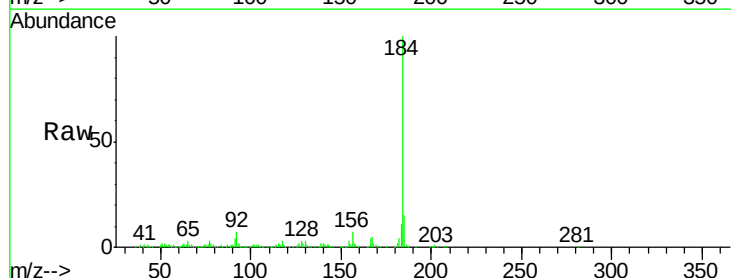
Tgt Ion:184 Resp: 865550

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

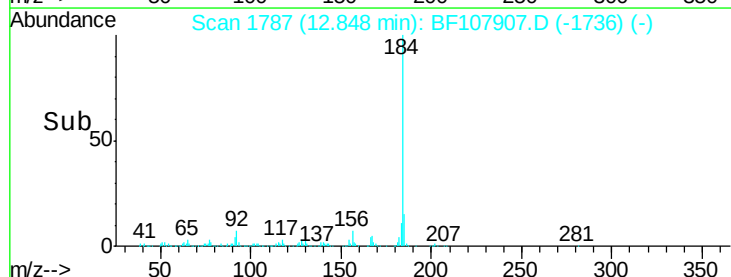
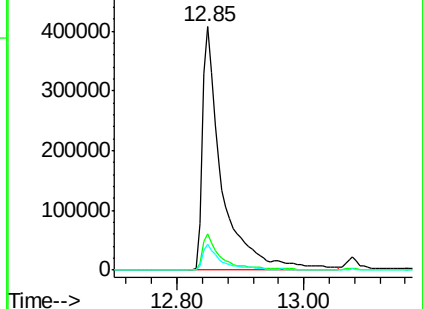
183 10.8 9.3 13.9

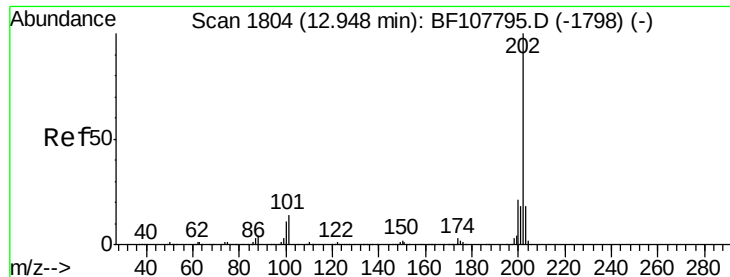


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

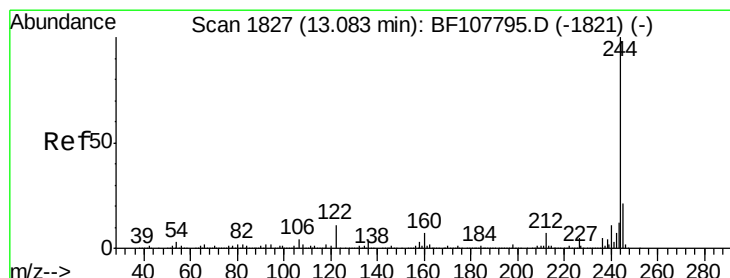
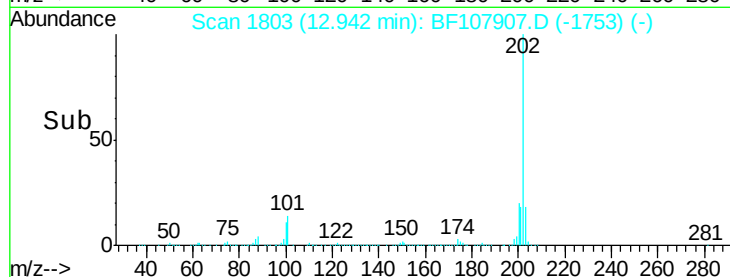
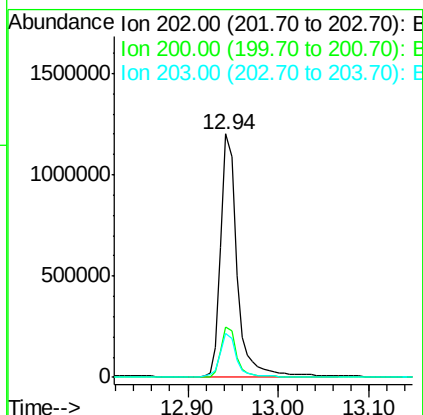
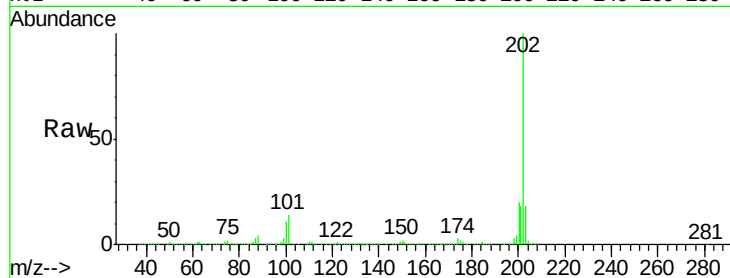




#77
 Pyrene
 Concen: 46.824 ng
 RT: 12.94 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

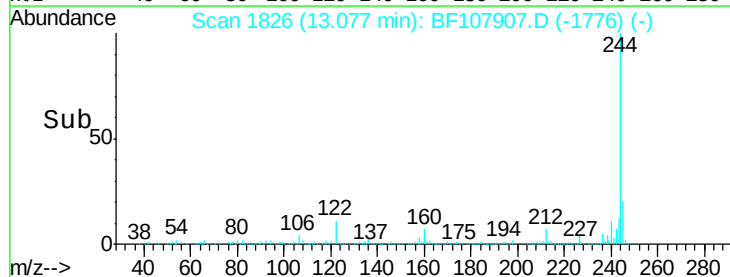
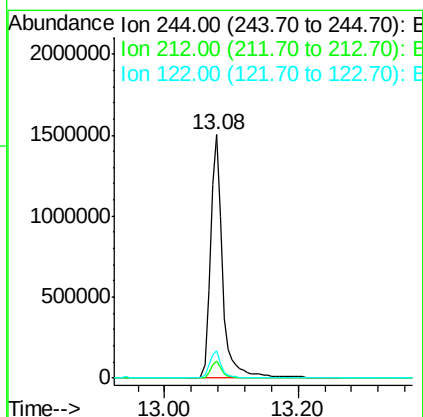
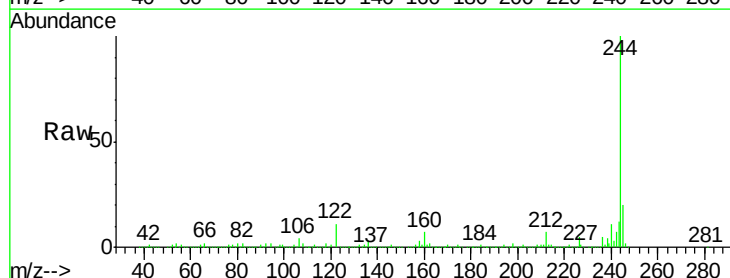
Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

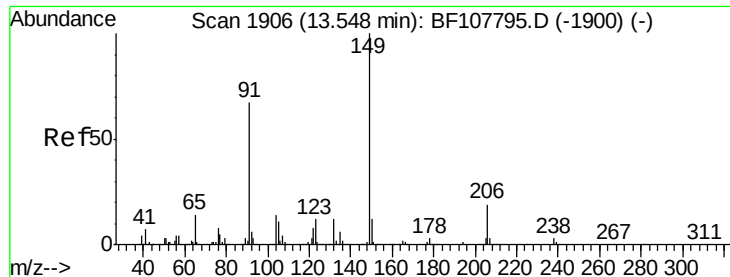
Tgt Ion:202 Resp: 1495266
 Ion Ratio Lower Upper
 202 100
 200 20.5 17.4 26.2
 203 18.1 14.3 21.5



#78
 Terphenyl-d14
 Concen: 94.191 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Tgt Ion:244 Resp: 1926349
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.4 11.0 16.4

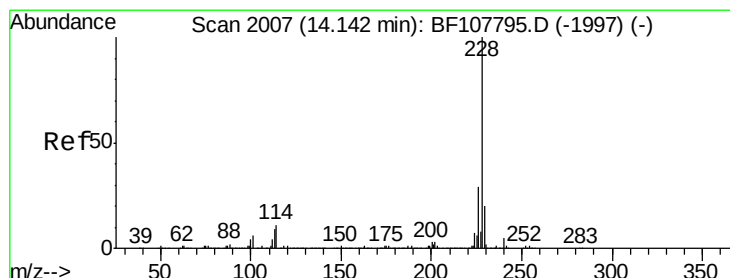
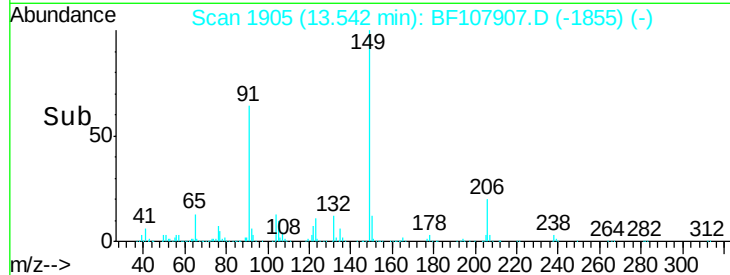
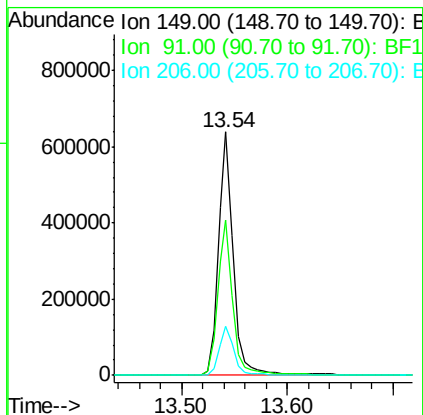
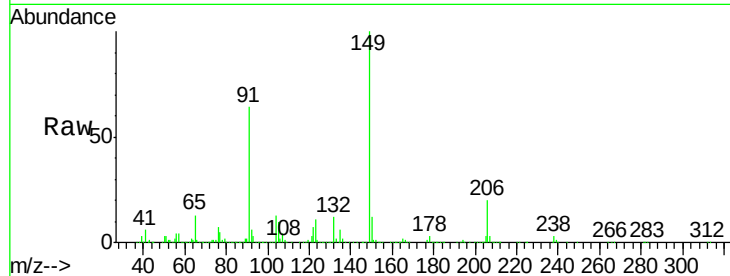




#79
Butylbenzylphthalate
Concen: 45.896 ng
RT: 13.54 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

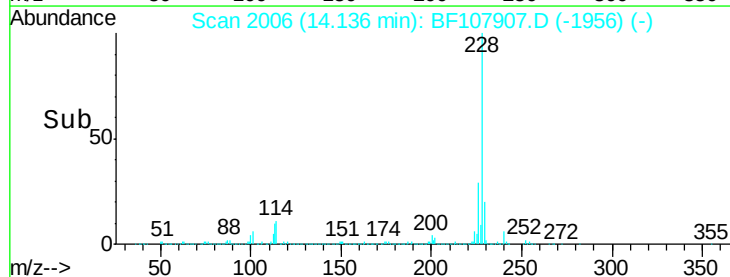
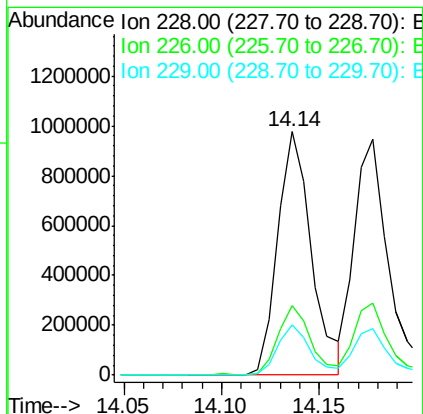
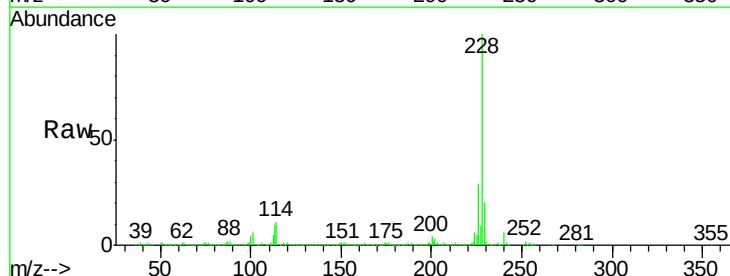
Instrument :
BNA_F
ClientSampleId :
PB111618BS

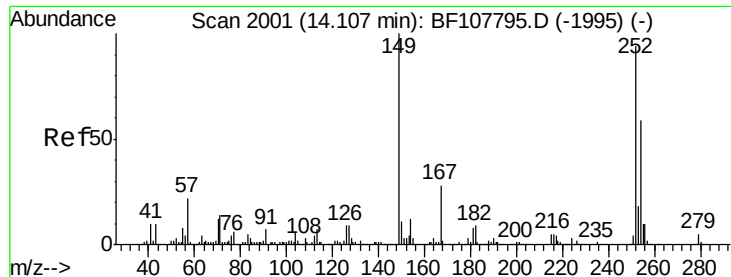
Tgt Ion:149 Resp: 641819
Ion Ratio Lower Upper
149 100
91 63.8 56.8 85.2
206 20.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 46.671 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion:228 Resp: 1172437
Ion Ratio Lower Upper
228 100
226 28.6 22.6 33.8
229 20.4 15.8 23.6

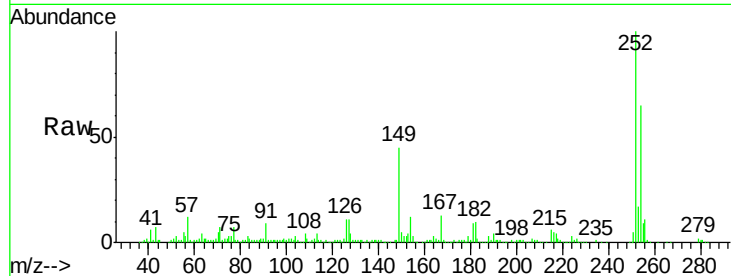




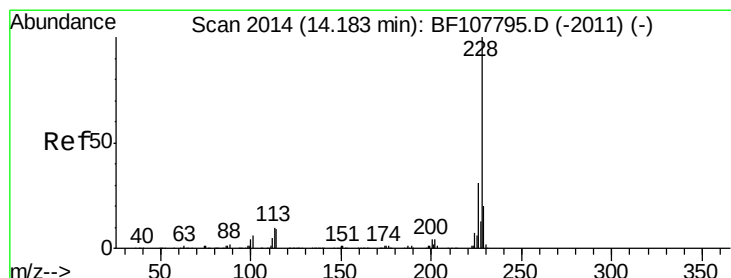
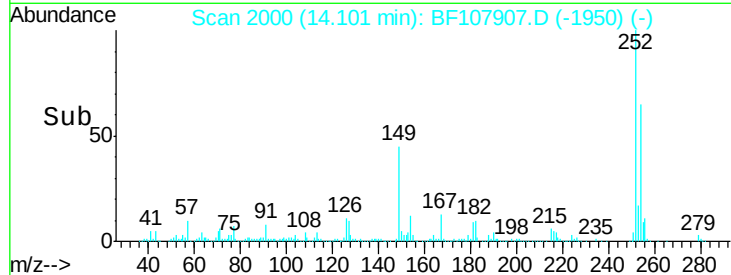
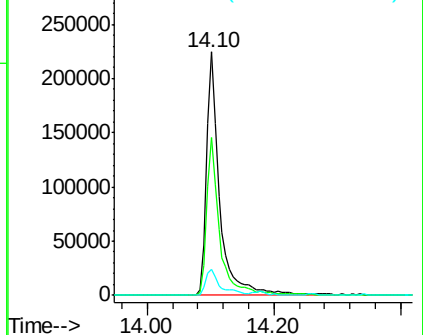
#81
 3,3'-Dichlorobenzidine
 Concen: 33.771 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

Tgt Ion: 252 Resp: 328868
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.4 75.6
 126 10.9 11.3 16.9#

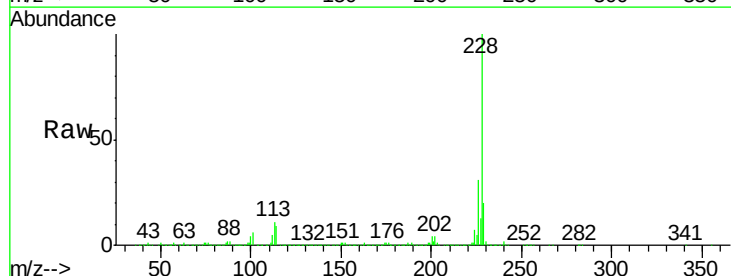


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

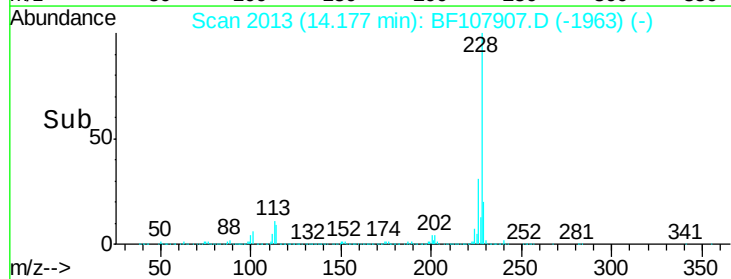
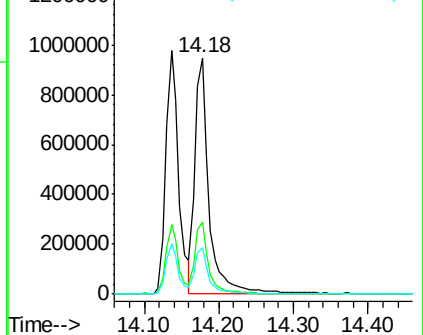


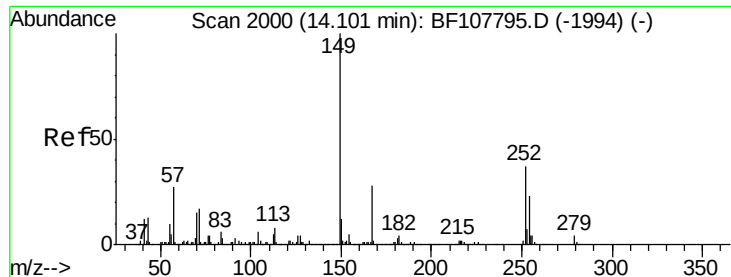
#82
 Chrysene
 Concen: 46.032 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Tgt Ion: 228 Resp: 1247264
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.6
 229 19.9 16.2 24.4



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

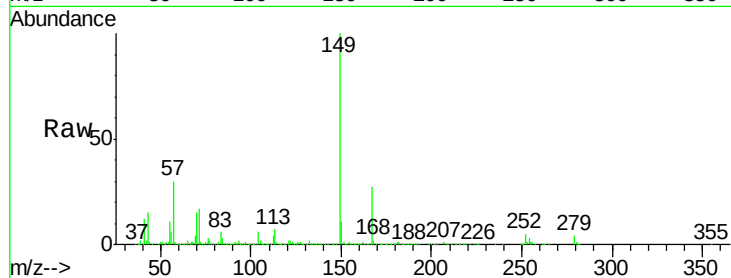




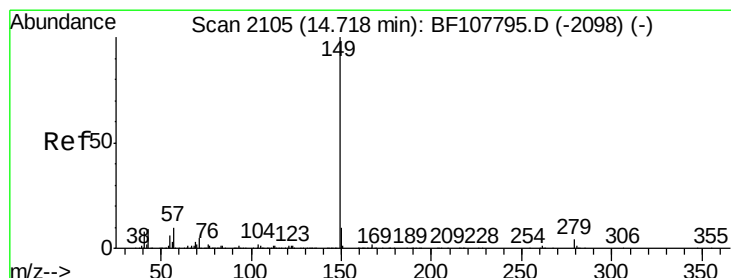
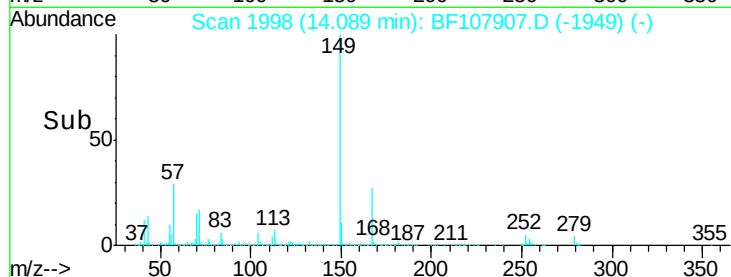
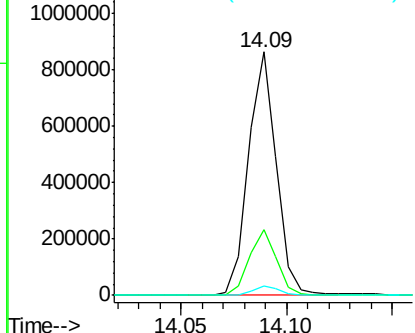
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.802 ng
 RT: 14.09 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

Tgt Ion:149 Resp: 787626
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 3.7 3.0 4.4

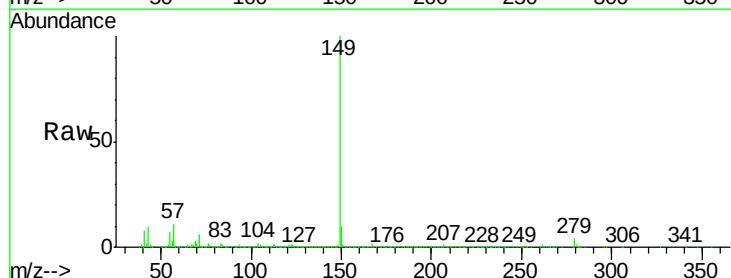


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

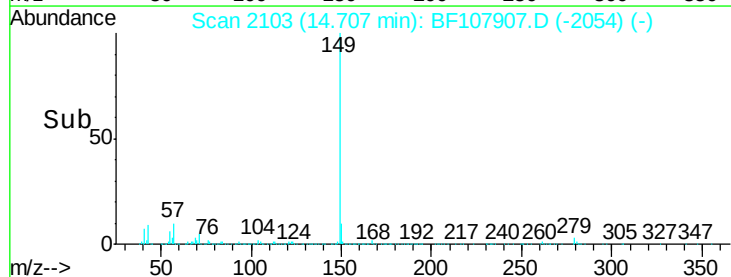
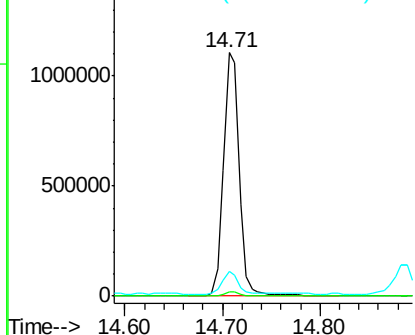


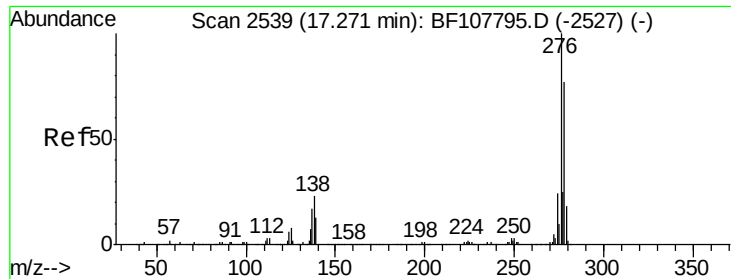
#84
 Di-n-octyl phthalate
 Concen: 43.397 ng
 RT: 14.71 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Tgt Ion:149 Resp: 1224585
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.8 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.666 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

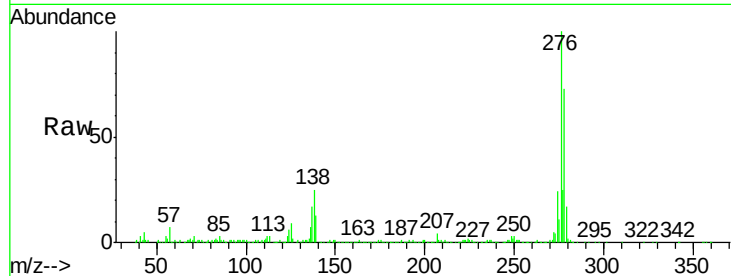
Tgt Ion:276 Resp: 941173

Ion Ratio Lower Upper

276 100

138 24.6 25.0 37.6#

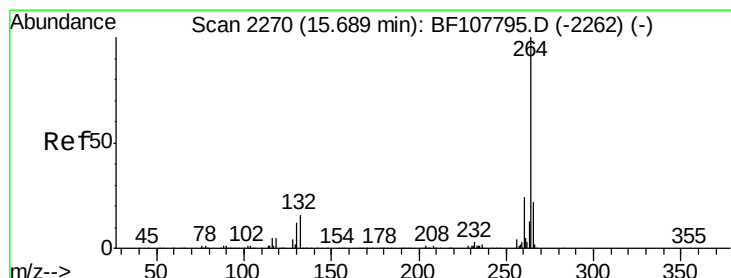
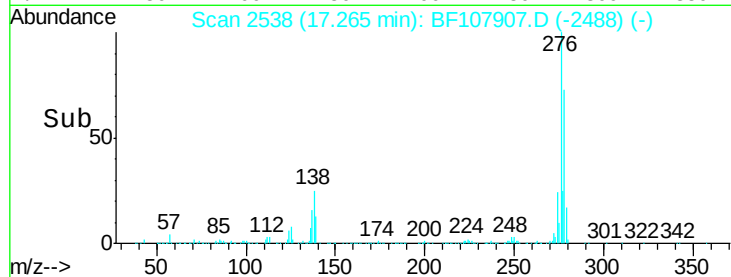
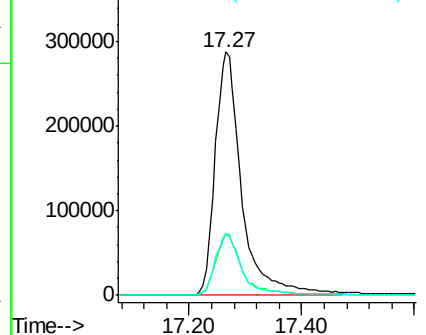
277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

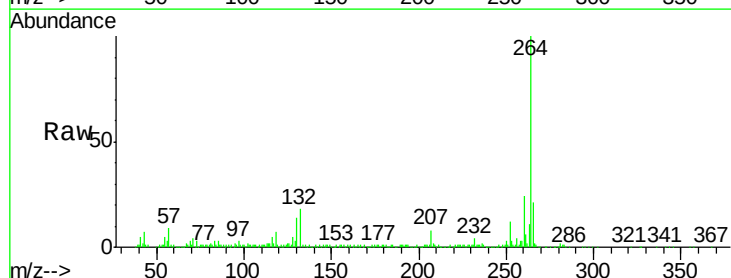
Tgt Ion:264 Resp: 363461

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

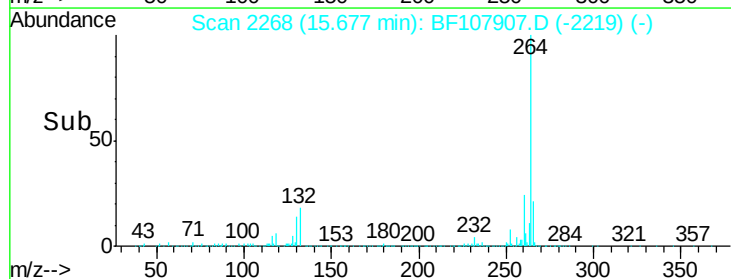
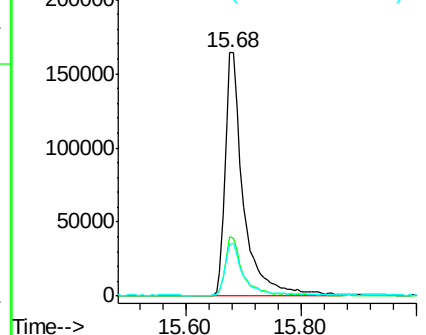
265 21.5 17.5 26.3

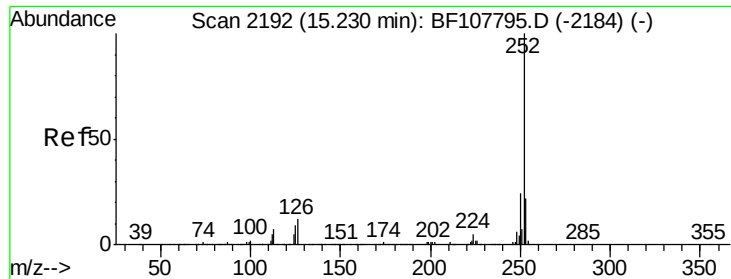


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

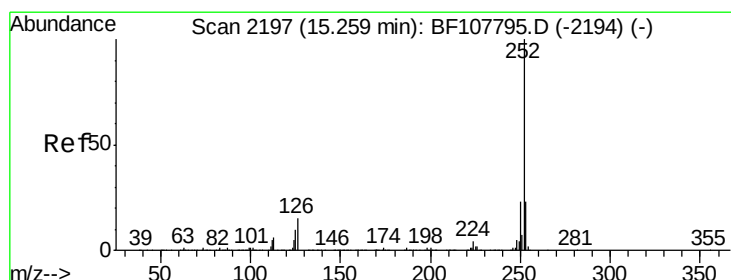
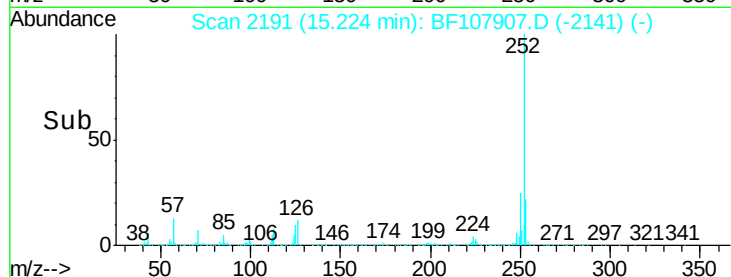
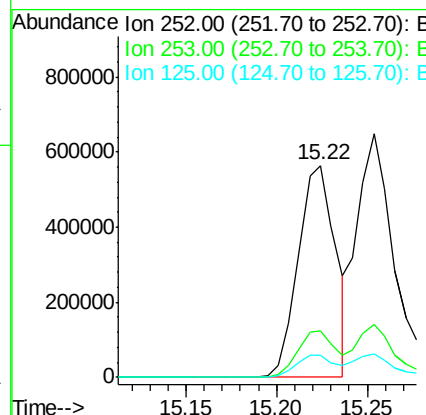
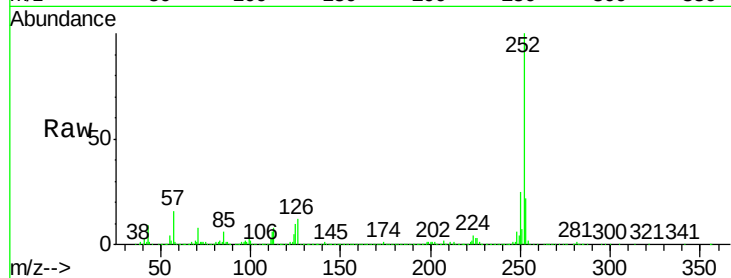




#87
Benzo(b)fluoranthene
Concen: 45.501 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

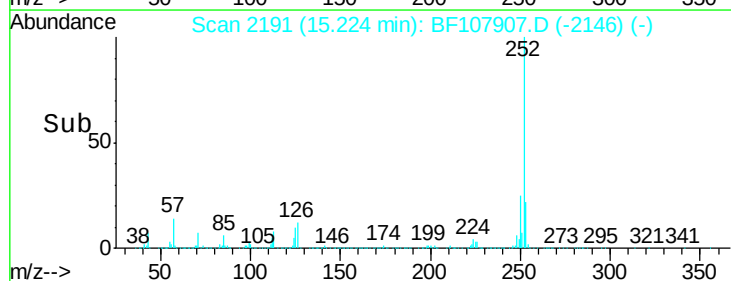
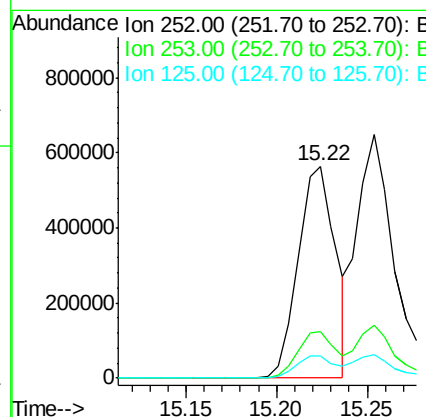
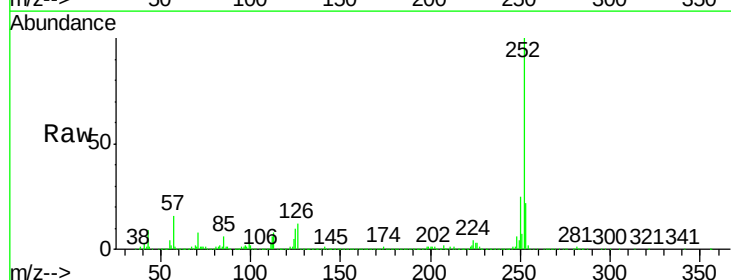
Instrument :
BNA_F
ClientSampleId :
PB111618BS

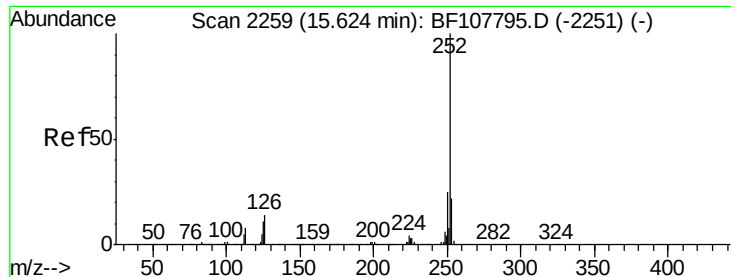
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	10.2	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 37.060 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt 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: 47.665 ng

RT: 15.62 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

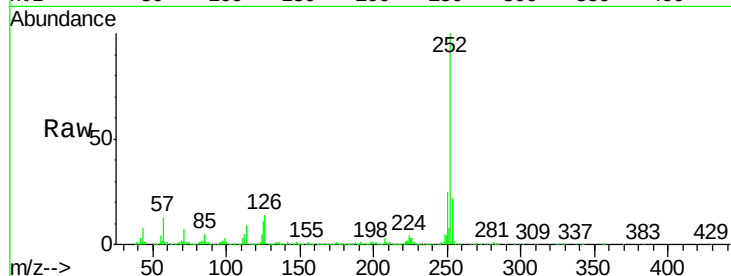
Tgt Ion:252 Resp: 882084

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

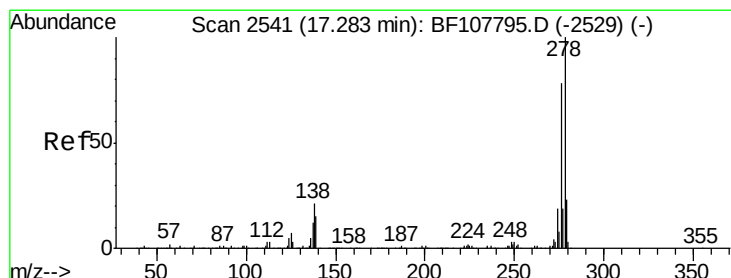
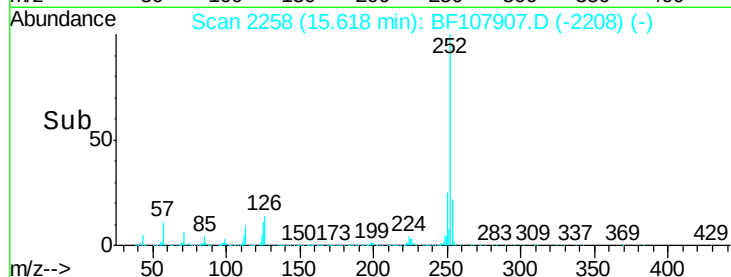
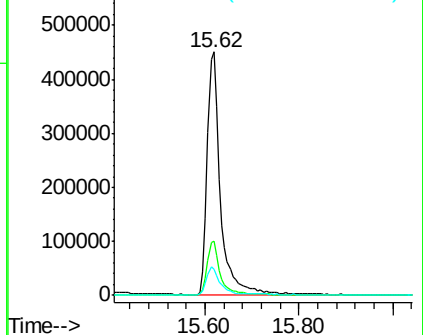
125 10.7 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.771 ng

RT: 17.28 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

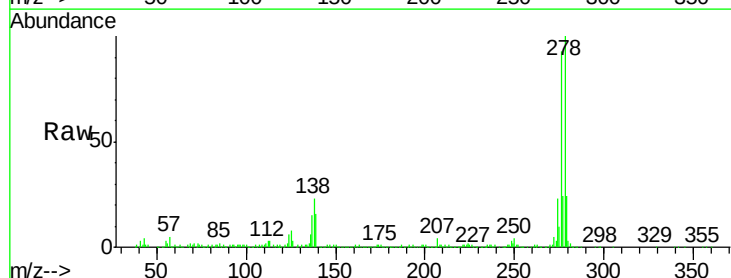
Tgt Ion:278 Resp: 787275

Ion Ratio Lower Upper

278 100

139 15.8 15.9 23.9#

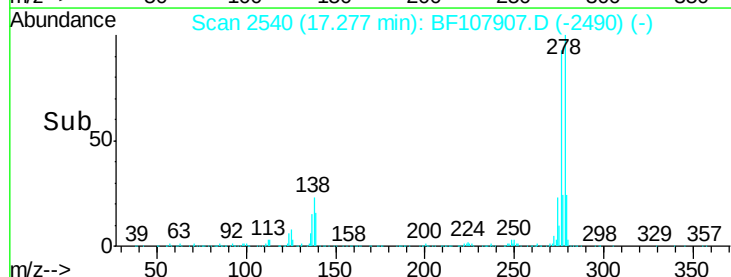
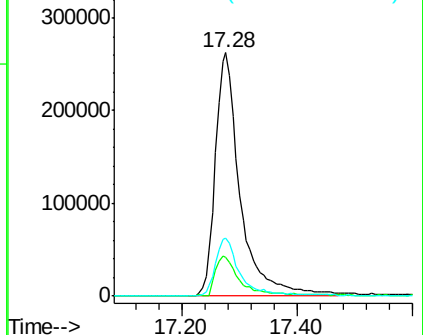
279 23.7 19.0 28.4

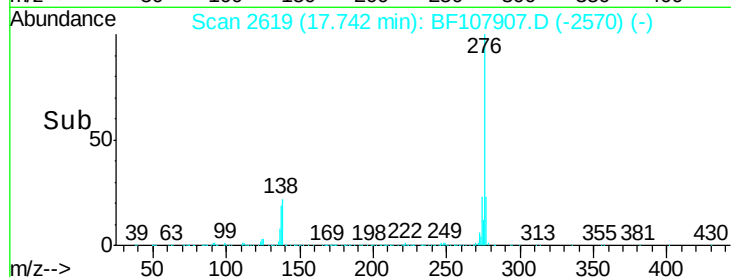
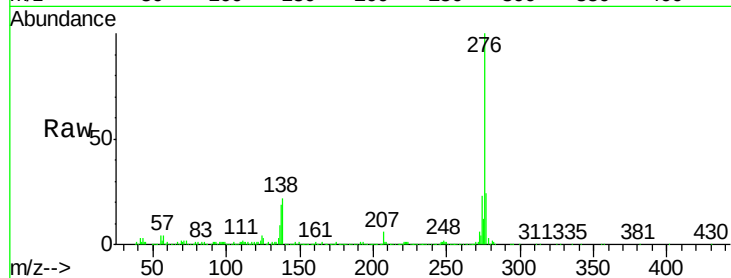
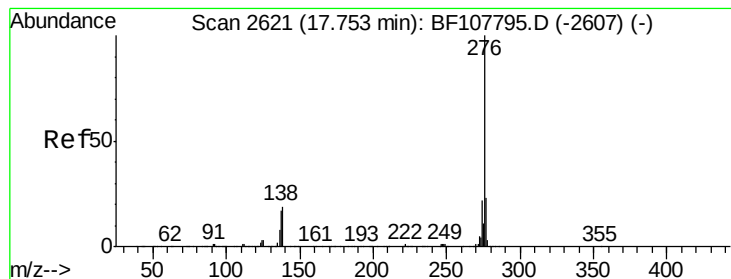


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 49.598 ng

RT: 17.74 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

Tgt Ion:276 Resp: 774685

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 22.3 21.8 32.8

