

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
 Data File : BF107961.D
 Acq On : 4 Aug 2018 2:19
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 04 04:09:19 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	6.95	152	198470	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	895271	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	364599	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	655217	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	604328	20.00	ng	0.00
86) Perylene-d12	15.68	264	607727	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	861631	73.78	ng	0.00
7) Phenol-d6	6.61	99	1183173	76.88	ng	0.00
23) Nitrobenzene-d5	7.53	82	1224541	78.80	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	340361	68.70	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	2119198	81.00	ng	0.00
78) Terphenyl-d14	13.07	244	1836839	65.91	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.77	88	176129	34.060	ng	# 83
3) Pyridine	3.58	79	420684	32.944	ng	# 83
4) n-Nitrosodimethylamine	3.57	42	122713	20.653	ng	95
6) Aniline	6.64	93	634479	39.635	ng	# 68
8) 2-Chlorophenol	6.75	128	565448	38.548	ng	94
9) Benzaldehyde	6.52	77	217623	23.436	ng	96
10) Phenol	6.62	94	747586	40.732	ng	# 68
11) bis(2-Chloroethyl)ether	6.69	93	728684	44.649	ng	98
12) 1,3-Dichlorobenzene	6.90	146	583569	37.931	ng	98
13) 1,4-Dichlorobenzene	6.97	146	677529	39.561	ng	99
14) 1,2-Dichlorobenzene	7.12	146	589837	37.102	ng	99
15) Benzyl Alcohol	7.11	79	385545	40.303	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.22	45	900991	38.398	ng	56
17) 2-Methylphenol	7.22	107	444615	41.059	ng	# 75
18) Hexachloroethane	7.45	117	206503	33.546	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	408837	41.875	ng	100
20) 3+4-Methylphenols	7.38	107	529057	39.794	ng	# 66
22) Acetophenone	7.37	105	820248	38.082	ng	# 90
24) Nitrobenzene	7.55	77	629819	38.651	ng	99
25) Isophorone	7.78	82	974122	38.187	ng	99
26) 2-Nitrophenol	7.86	139	242703	29.678	ng	98
27) 2,4-Dimethylphenol	7.90	122	428912	39.174	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	688891	40.979	ng	99
29) 2,4-Dichlorophenol	8.11	162	494773	39.951	ng	97
30) 1,2,4-Trichlorobenzene	8.18	180	543877	38.495	ng	99
31) Naphthalene	8.26	128	1598702	38.416	ng	99
32) Benzoic acid	8.05	122	121975	17.457	ng	93
33) 4-Chloroaniline	8.32	127	683860	38.471	ng	98
34) Hexachlorobutadiene	8.36	225	312888	35.837	ng	99
35) Caprolactam	8.71	113	135481	36.339	ng	# 85
36) 4-Chloro-3-methylphenol	8.81	107	496786	36.935	ng	100
37) 2-Methylnaphthalene	8.95	142	1002033	38.332	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	529389	42.586	ng	# 97
40) Hexachlorocyclopentadiene	9.09	237	44128	14.897	ng	98

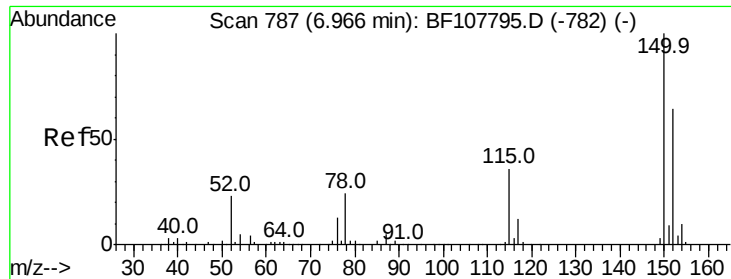
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	299621	43.599	ng	98
43) 2,4,5-Trichlorophenol	9.28	196	316503	38.256	ng	97
45) 1,1'-Biphenyl	9.41	154	1365225	41.145	ng	98
46) 2-Chloronaphthalene	9.44	162	1025404	40.981	ng	99
47) 2-Nitroaniline	9.55	65	332661	40.873	ng	92
48) Acenaphthylene	9.86	152	1446636	37.293	ng	100
49) Dimethylphthalate	9.71	163	1086661	39.686	ng	99
50) 2,6-Dinitrotoluene	9.79	165	237590	39.927	ng	92
51) Acenaphthene	10.03	154	854949	37.941	ng	100
52) 3-Nitroaniline	9.98	138	279405	37.262	ng	97
53) 2,4-Dinitrophenol	10.12	184	8928	10.987	ng #	56
54) Dibenzofuran	10.20	168	1287581	36.969	ng	96
55) 4-Nitrophenol	10.20	139	648126	171.589	ng #	15
56) 2,4-Dinitrotoluene	10.20	165	275817	35.266	ng #	81
57) Fluorene	10.55	166	955670	35.307	ng	94
58) 2,3,4,6-Tetrachlorophenol	10.32	232	248295	32.675	ng	96
59) Diethylphthalate	10.41	149	1074180	36.487	ng	98
60) 4-Chlorophenyl-phenylether	10.53	204	531160	36.023	ng	95
61) 4-Nitroaniline	10.60	138	248550	37.351	ng	93
62) Azobenzene	10.70	77	982454	35.832	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	56065	15.728	ng	88
65) n-Nitrosodiphenylamine	10.66	169	895147	41.491	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	323482	42.358	ng #	88
67) Hexachlorobenzene	11.10	284	326529	38.558	ng #	84
68) Atrazine	11.18	200	233990	36.645	ng	95
69) Pentachlorophenol	11.30	266	173772	41.683	ng	97
70) Phenanthrene	11.52	178	1168972	37.573	ng	99
71) Anthracene	11.57	178	1400095	39.016	ng	100
72) Carbazole	11.74	167	1394917	39.335	ng	99
73) Di-n-butylphthalate	12.03	149	1475440	38.137	ng	100
74) Fluoranthene	12.71	202	1414950	38.713	ng	97
76) Benzidine	12.85	184	512879	26.248	ng	98
77) Pyrene	12.94	202	1438966	33.067	ng	99
79) Butylbenzylphthalate	13.54	149	661553	34.715	ng	95
80) Benzo(a)anthracene	14.14	228	1304994	38.121	ng	98
81) 3,3'-Dichlorobenzidine	14.10	252	524693	39.539	ng #	96
82) Chrysene	14.18	228	1409398	38.171	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	843155	35.195	ng	100
84) Di-n-octyl phthalate	14.71	149	1576815	41.006	ng	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	1027815	36.596	ng #	93
87) Benzo(b)fluoranthene	15.22	252	1089863	36.361	ng	98
88) Benzo(k)fluoranthene	15.25	252	1456881	39.590	ng	97
89) Benzo(a)pyrene	15.61	252	1122509	36.277	ng	99
90) Dibenzo(a,h)anthracene	17.27	278	880256	32.613	ng	96
91) Benzo(g,h,i)perylene	17.74	276	792517	30.346	ng #	92

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

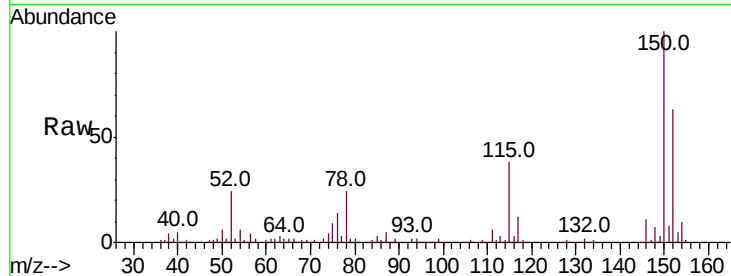


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	60.8	50.1	75.1

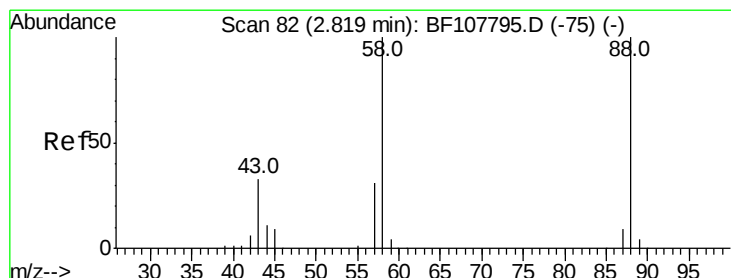
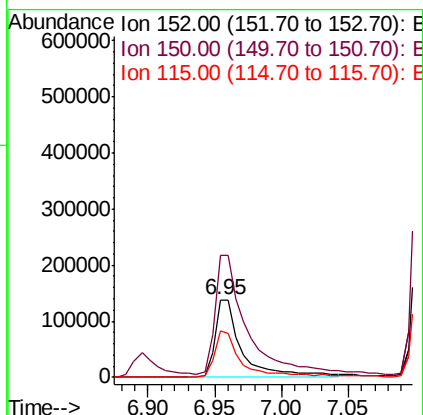
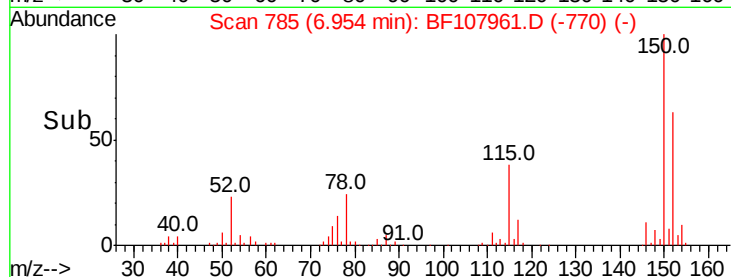


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

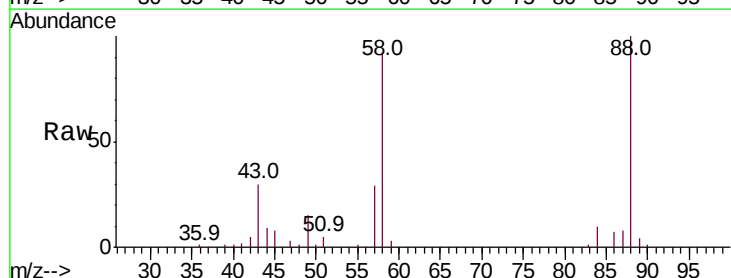
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.060 ng
RT: 2.77 min Scan# 74
Delta R.T. -0.05 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.5	62.6	93.8#
43	31.8	24.6	37.0

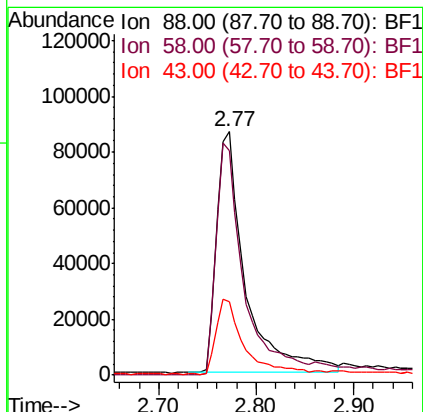
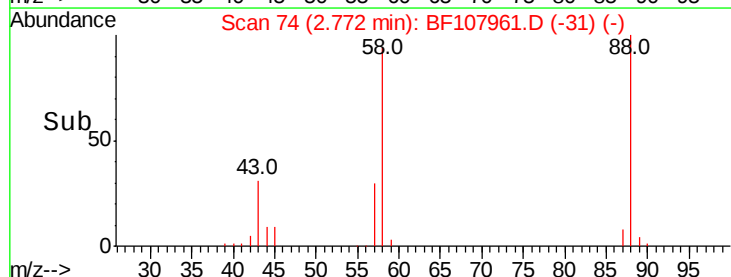


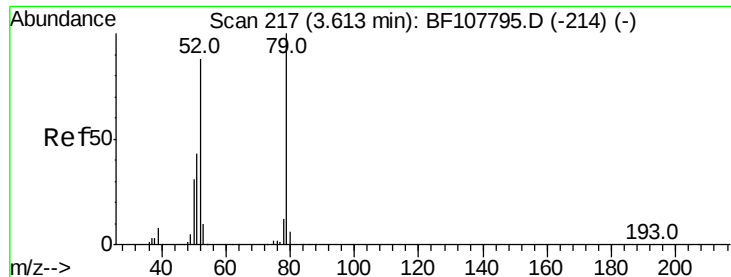
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.944 ng

RT: 3.58 min Scan# 211

Delta R.T. -0.04 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampleId :

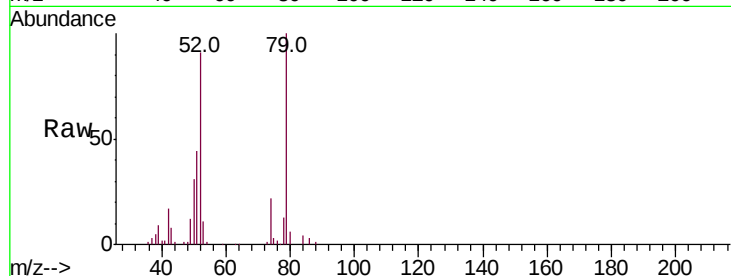
Tot Ion: 79 Resp: 420684

Ion Ratio Lower Upper

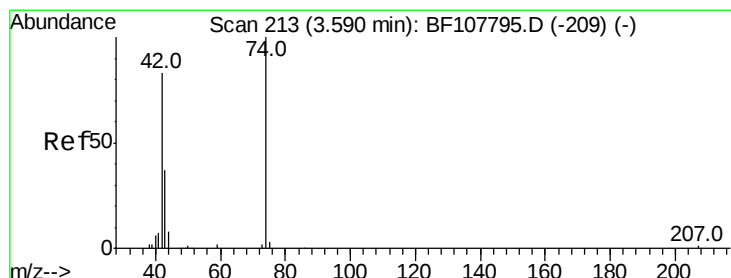
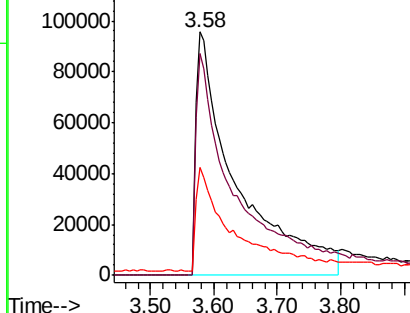
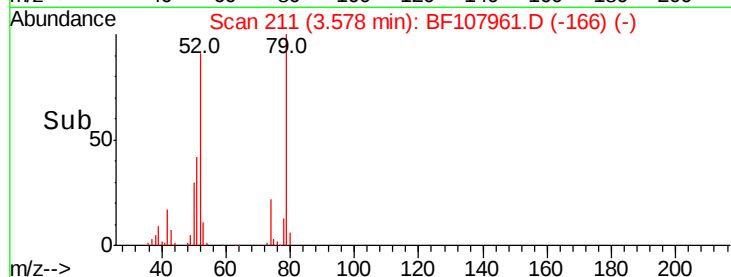
79 100

52 91.3 59.8 89.6#

51 44.2 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 20.653 ng

RT: 3.57 min Scan# 209

Delta R.T. -0.02 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

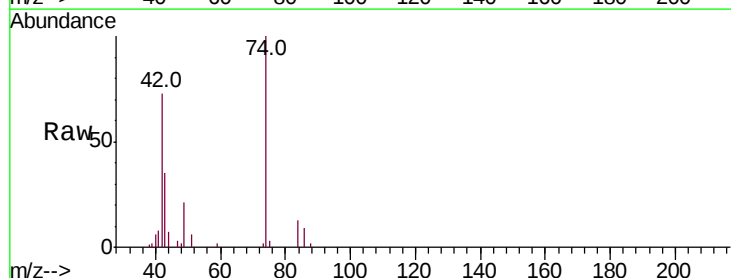
Tgt Ion: 42 Resp: 122713

Ion Ratio Lower Upper

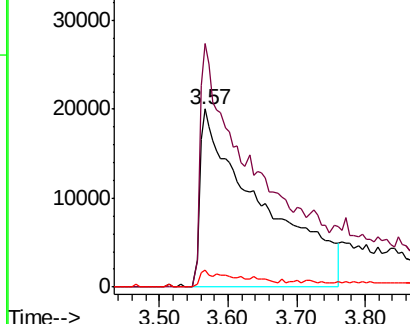
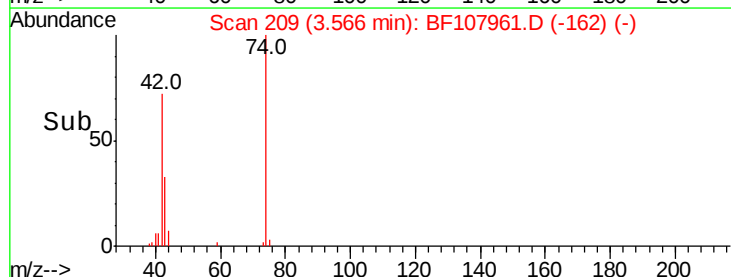
42 100

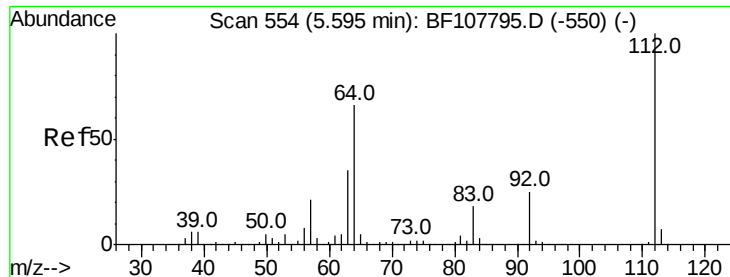
74 136.9 104.9 157.3

44 9.9 6.9 10.3



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





#5

2-Fluorophenol

Concen: 73.784 ng

RT: 5.59 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampleId :

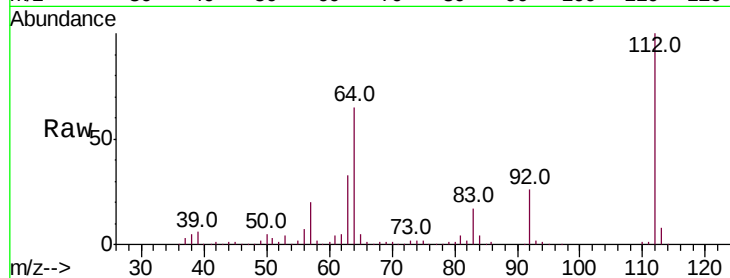
Tot Ion:112 Resp: 861631

Ion Ratio Lower Upper

112 100

64 64.5 47.9 71.9

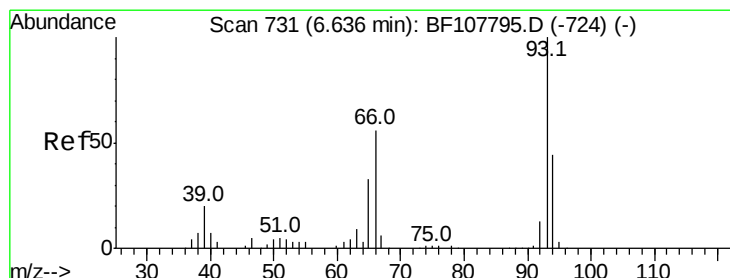
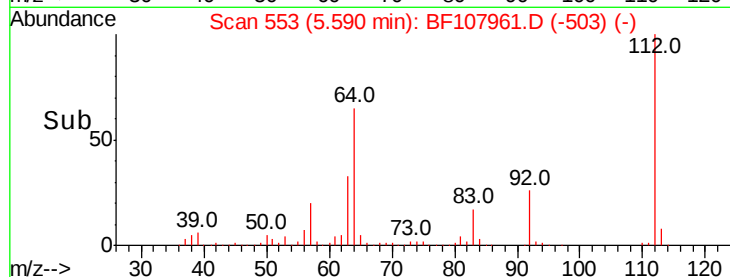
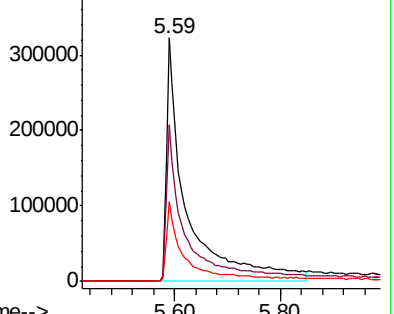
63 33.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.635 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

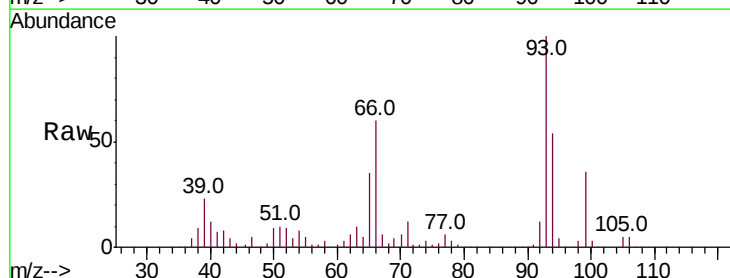
Tgt Ion: 93 Resp: 634479

Ion Ratio Lower Upper

93 100

66 60.4 32.2 48.2#

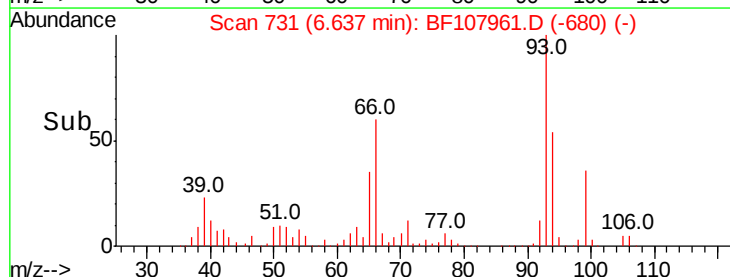
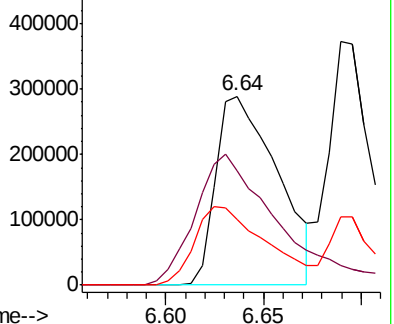
65 34.6 16.4 24.6#

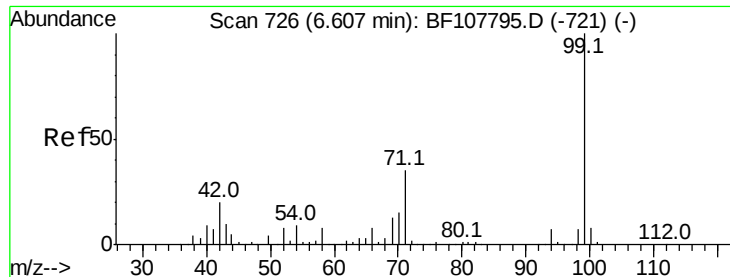


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.876 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampled :

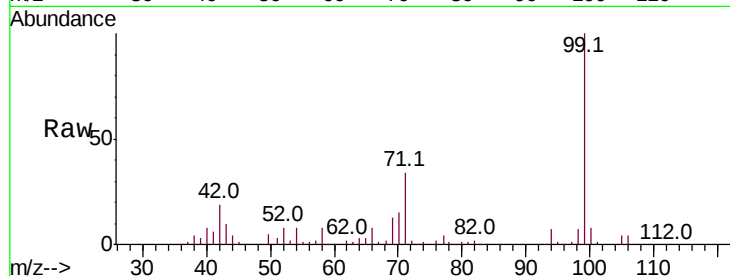
Tot Ion: 99 Resp: 1183173

Ion Ratio Lower Upper

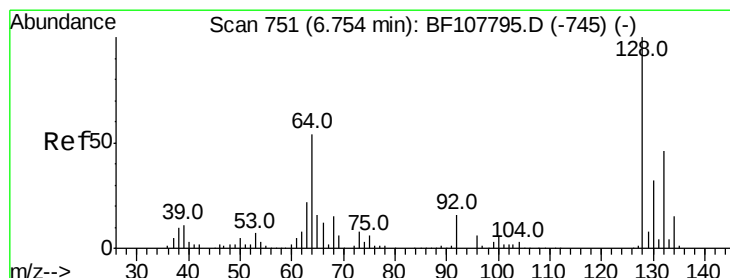
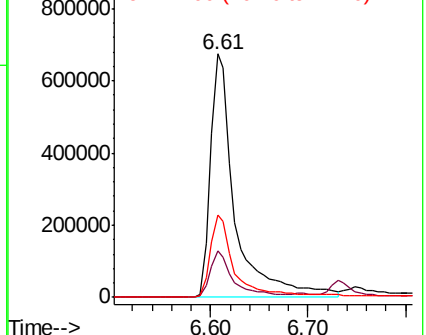
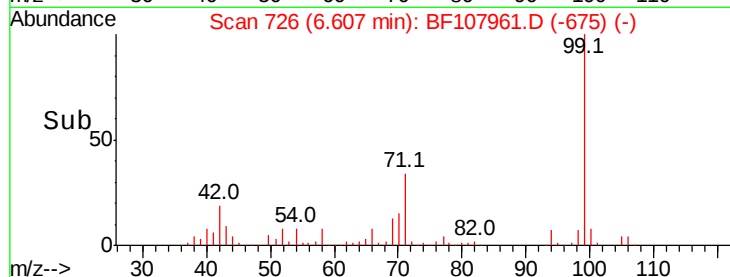
99 100

42 19.0 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: 38.548 ng

RT: 6.75 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

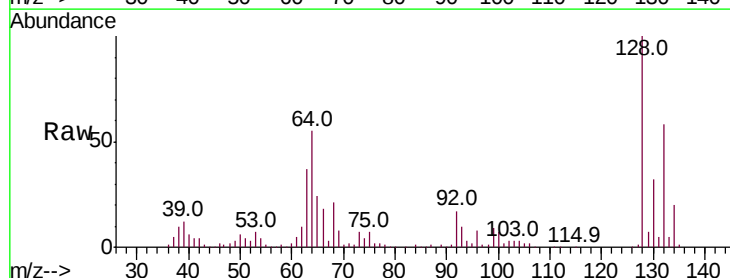
Tgt Ion: 128 Resp: 565448

Ion Ratio Lower Upper

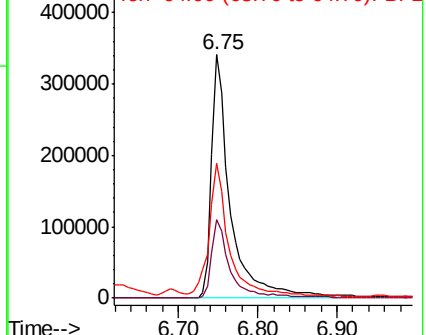
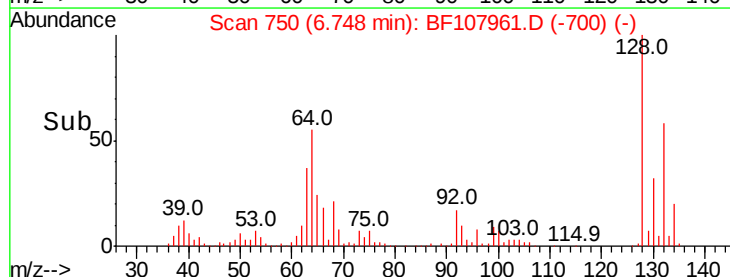
128 100

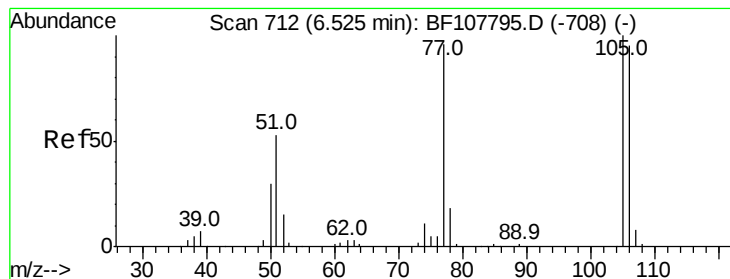
130 32.2 13.0 53.0

64 55.4 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: 23.436 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampled :

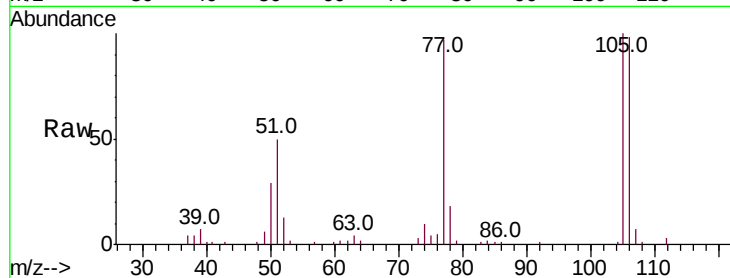
Tot Ion: 77 Resp: 217623

Ion Ratio Lower Upper

77 100

105 103.0 81.1 121.1

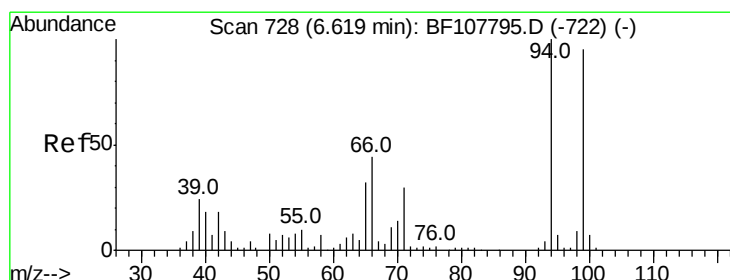
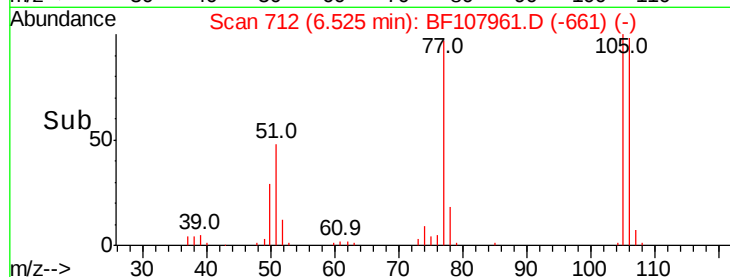
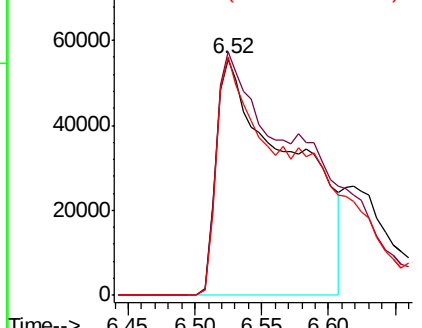
106 101.0 74.5 114.5



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: 40.732 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

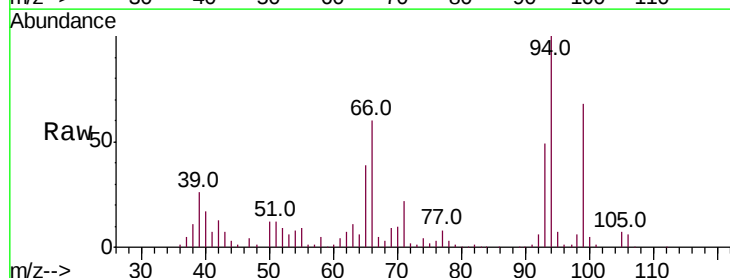
Tgt Ion: 94 Resp: 747586

Ion Ratio Lower Upper

94 100

65 39.2 7.9 47.9

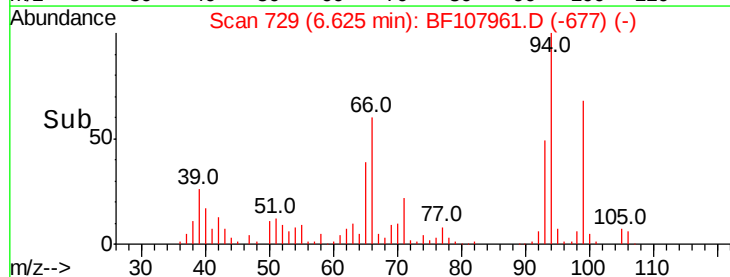
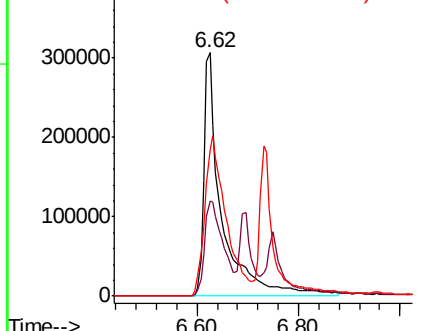
66 60.1 16.2 56.2#

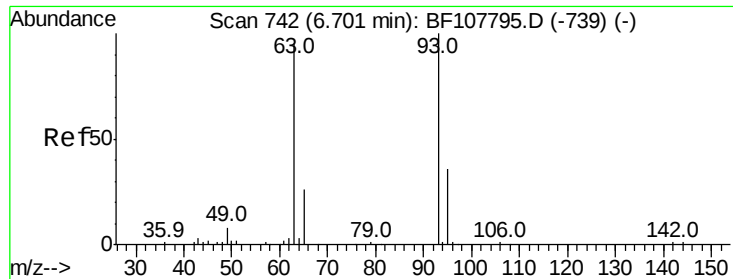


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 44.649 ng

RT: 6.69 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampleId :

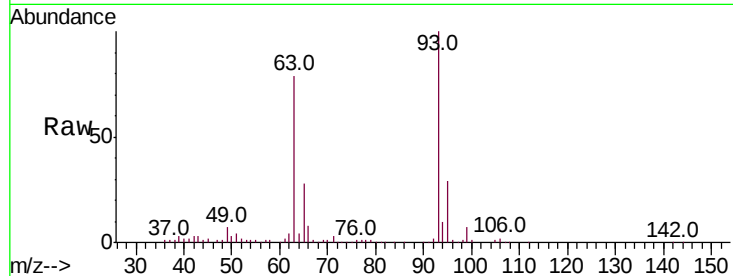
Tot Ion: 93 Resp: 728684

Ion Ratio Lower Upper

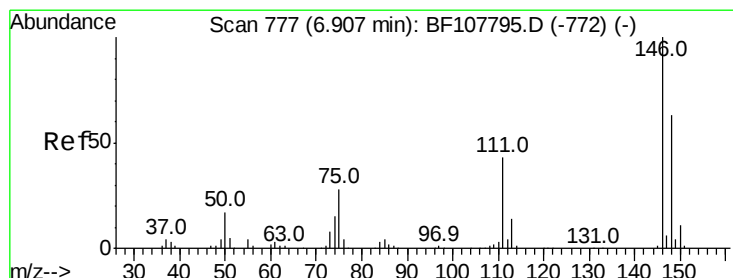
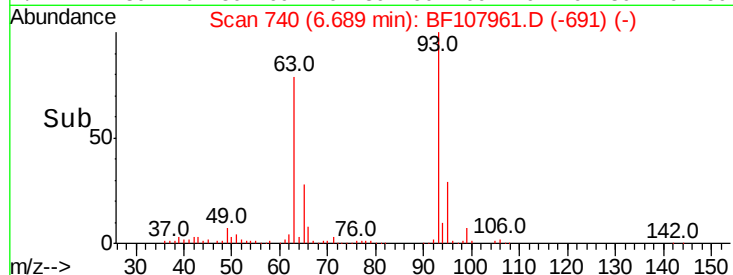
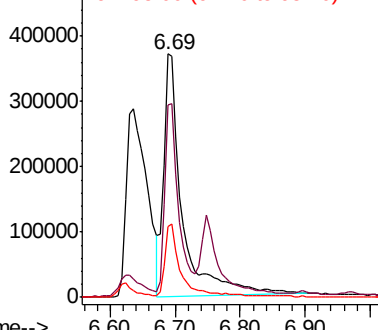
93 100

63 78.8 58.6 98.6

95 29.0 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 37.931 ng

RT: 6.90 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

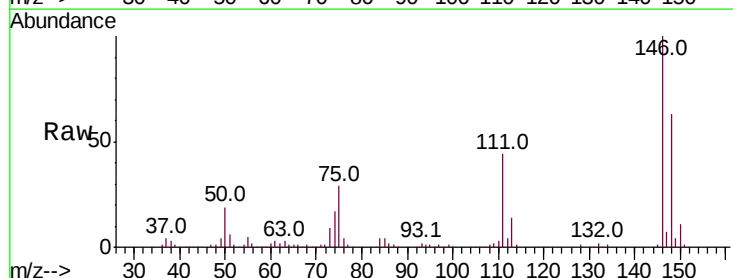
Tgt Ion: 146 Resp: 583569

Ion Ratio Lower Upper

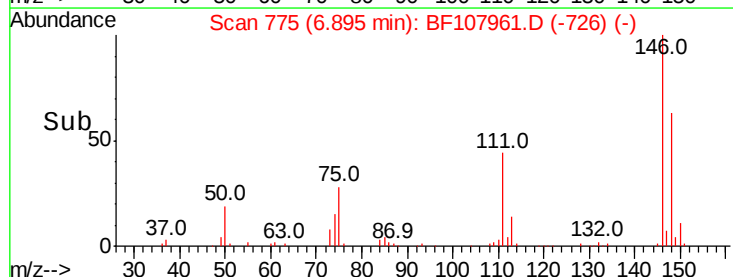
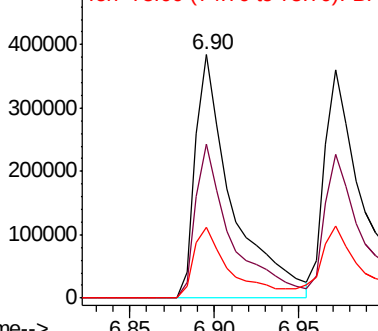
146 100

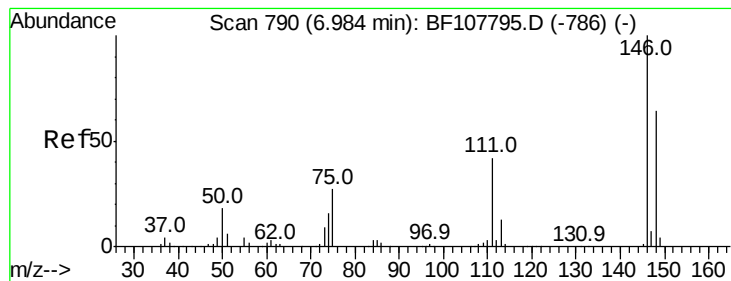
148 63.3 51.8 77.8

75 29.0 24.2 36.4



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





#13

1,4-Dichlorobenzene

Concen: 39.561 ng

RT: 6.97 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampled :

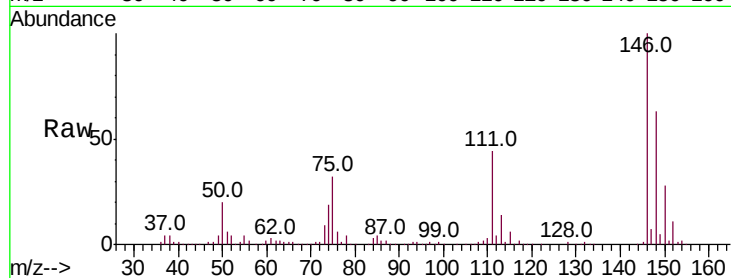
Tot Ion:146 Resp: 677529

Ion Ratio Lower Upper

146 100

148 63.2 50.8 76.2

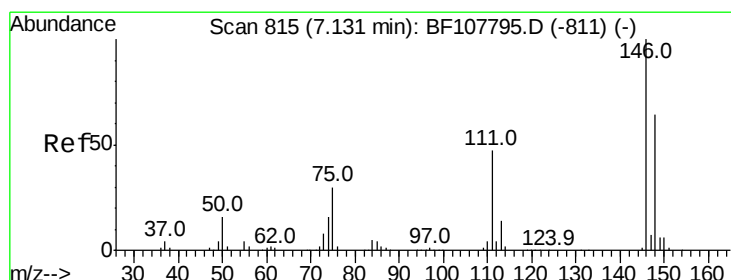
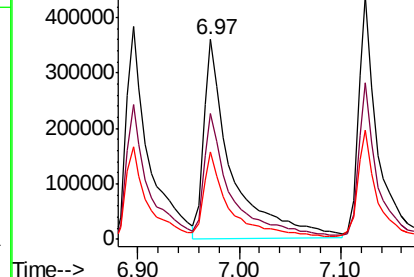
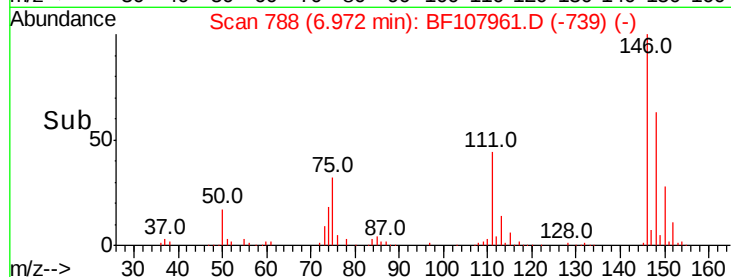
111 43.8 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.102 ng

RT: 7.12 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

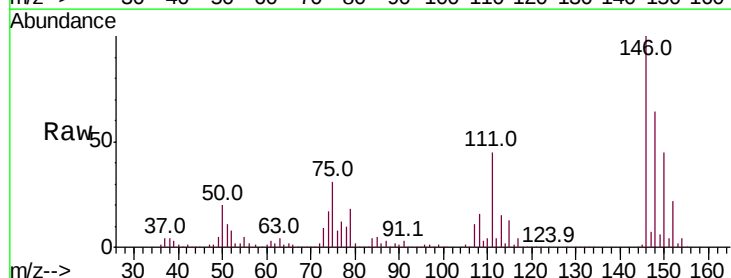
Tgt Ion:146 Resp: 589837

Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

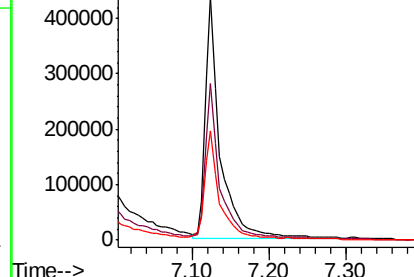
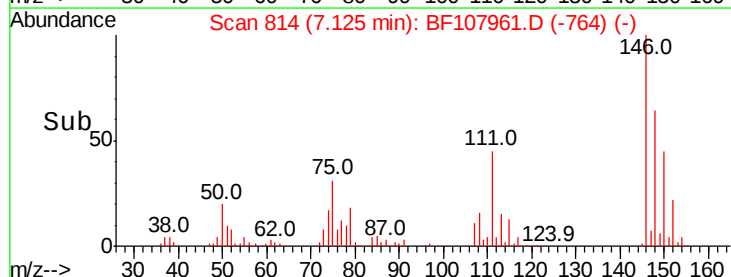
111 44.7 36.0 54.0

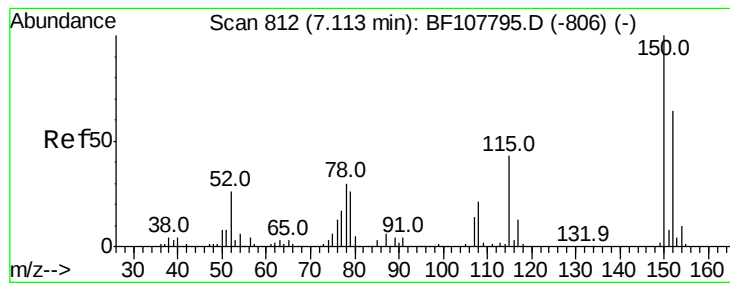


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.303 ng

RT: 7.11 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampleId :

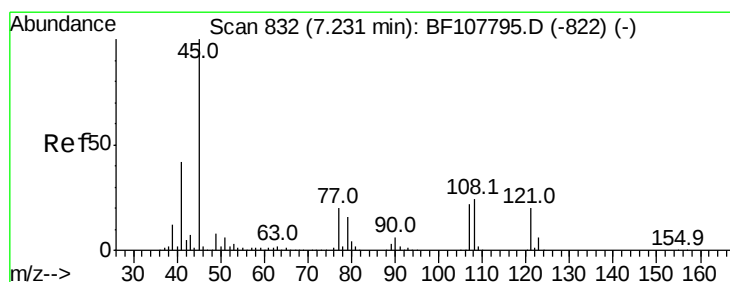
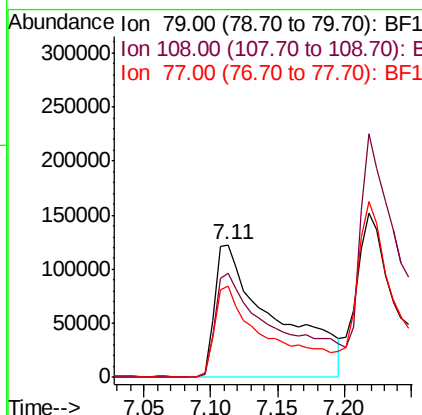
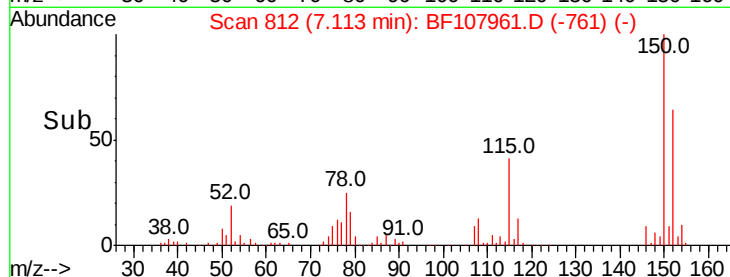
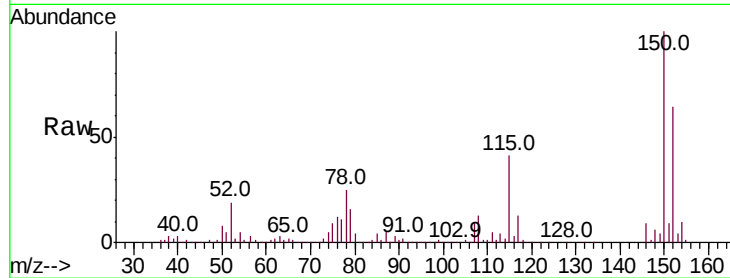
Tot Ion: 79 Resp: 385545

Ion Ratio Lower Upper

79 100

108 78.9 65.1 97.7

77 69.3 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.398 ng

RT: 7.22 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

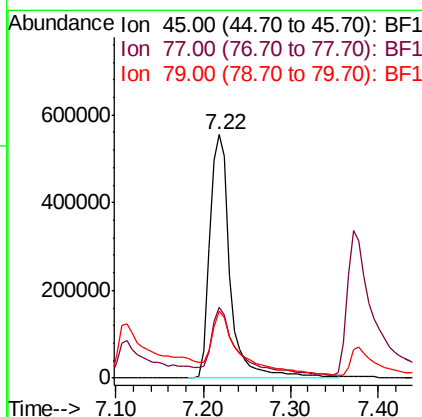
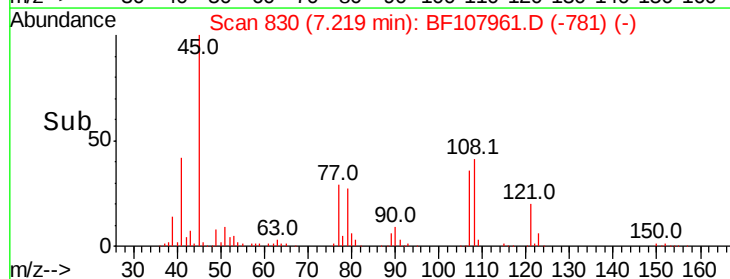
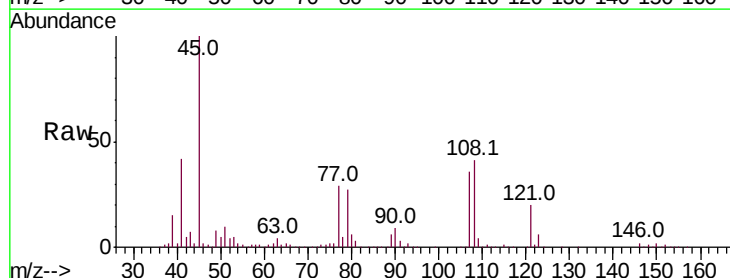
Tgt Ion: 45 Resp: 900991

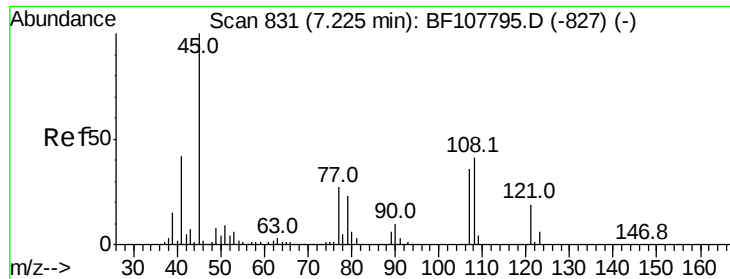
Ion Ratio Lower Upper

45 100

77 29.3 0.0 32.9

79 27.4 0.0 29.6

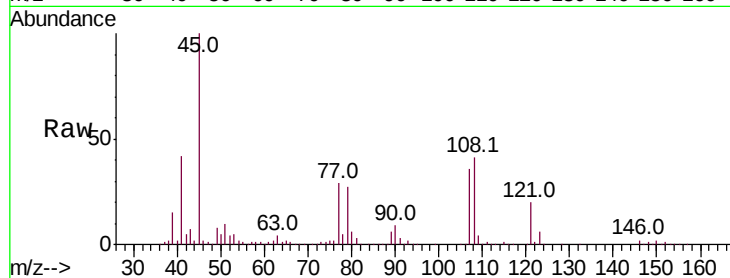




#17
2-Methylphenol
Concen: 41.059 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.7	137.5
77	81.7	33.8	50.8#
79	76.2	33.8	50.8#



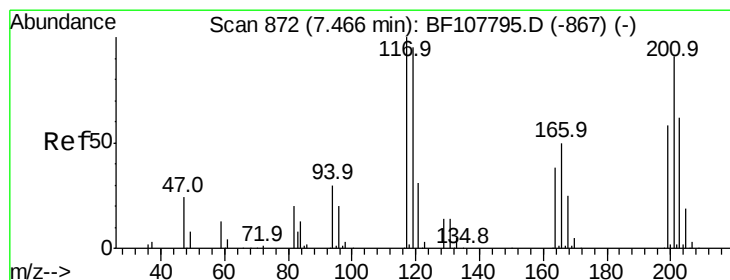
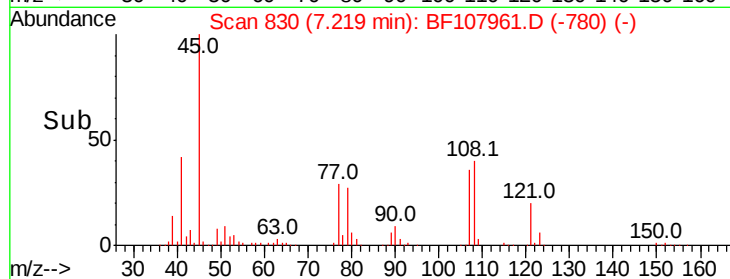
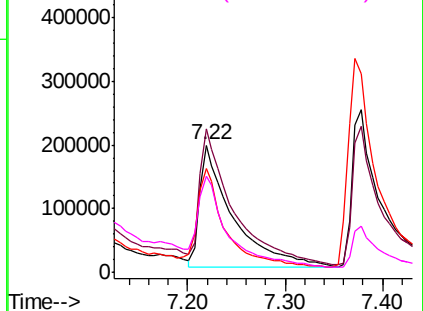
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

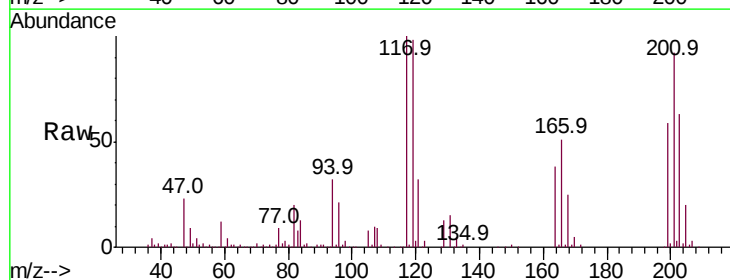
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 33.546 ng
RT: 7.45 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.8	113.8
201	92.3	75.7	113.5

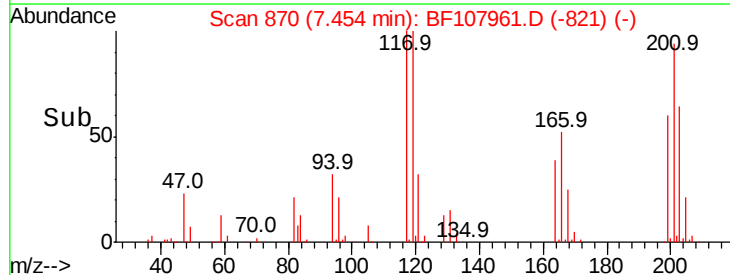
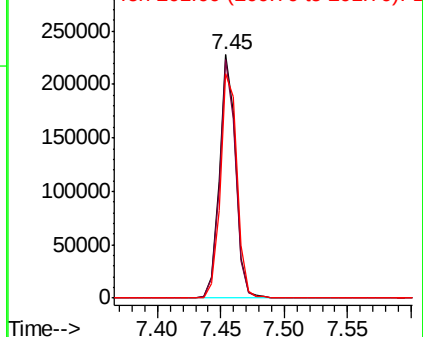


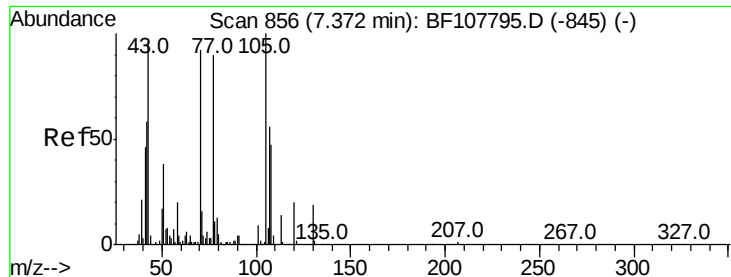
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

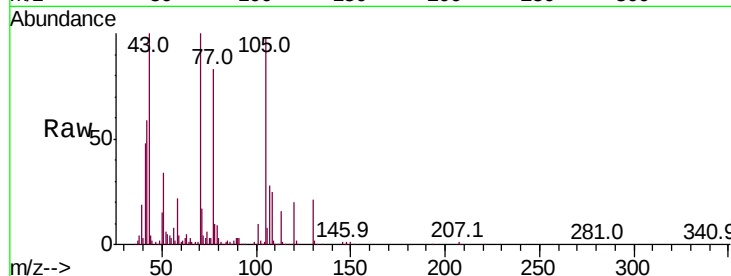




#19
n-Nitroso-di-n-propylamine
Concen: 41.875 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.2	47.5	71.3
101	9.7	7.4	11.2
130	21.0	16.6	25.0



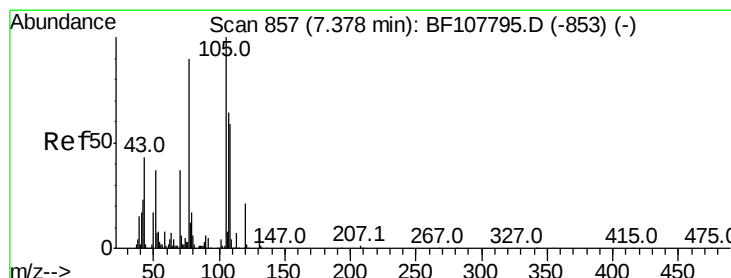
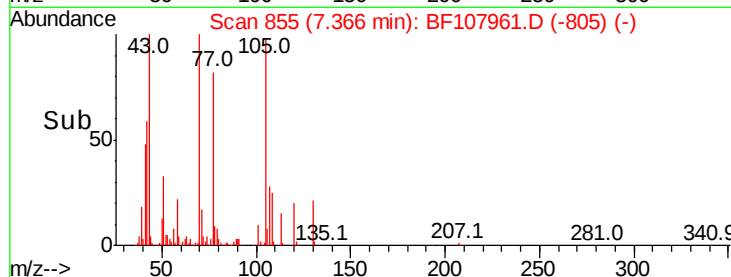
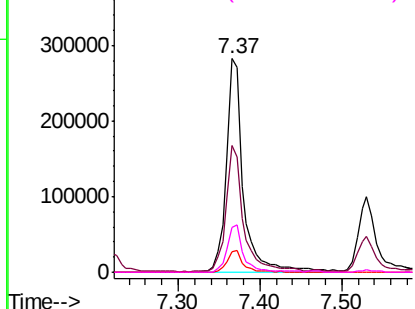
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 39.794 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.2	108.2
77	121.9	26.7	66.7#
79	28.1	6.3	46.3

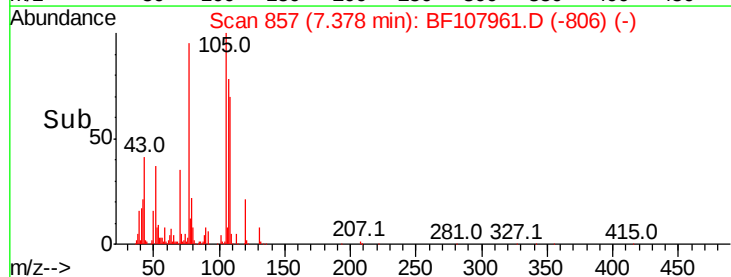
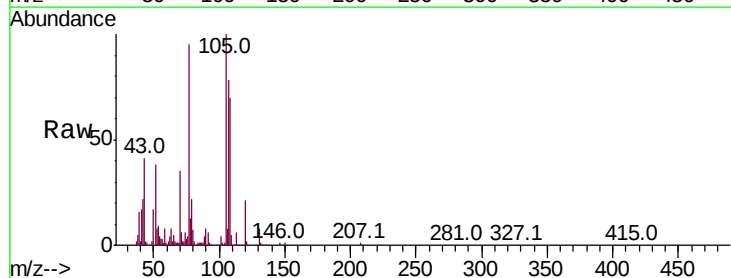
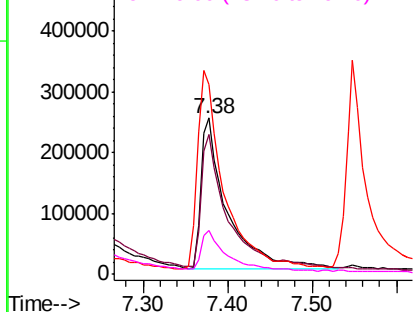
Abundance

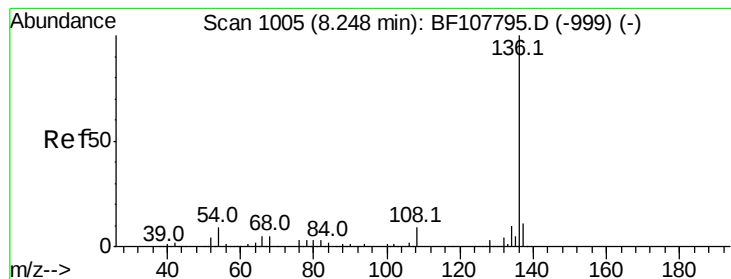
Ion 107.00 (106.70 to 107.70): BF1

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: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 895271

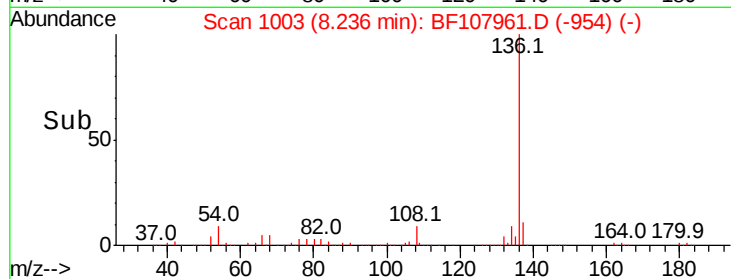
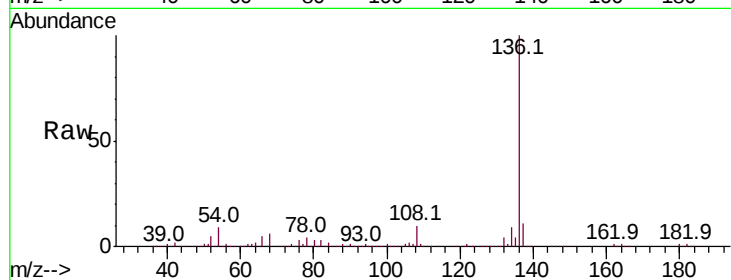
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.2 6.6 9.8

68 5.6 5.0 7.4

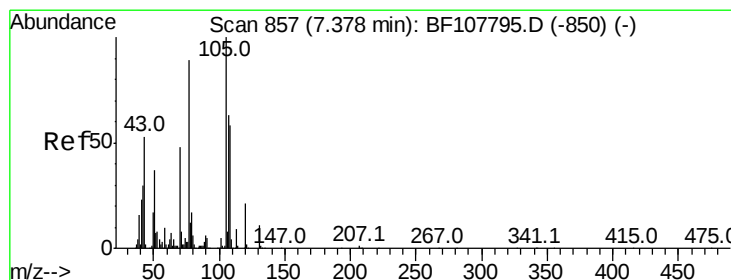
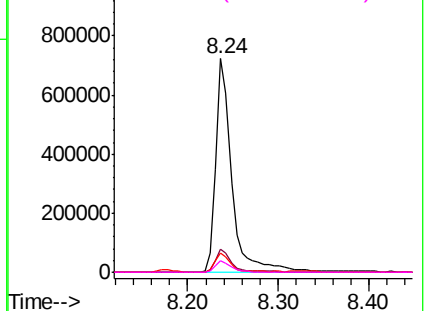


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.082 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Tgt Ion:105 Resp: 820248

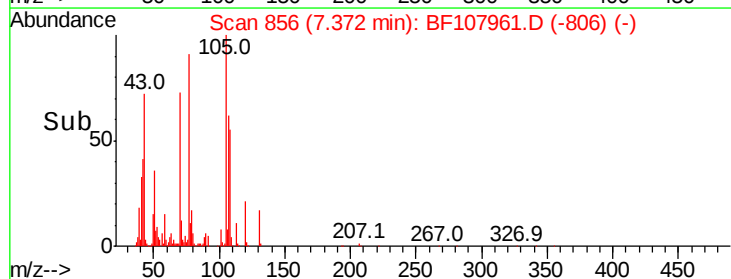
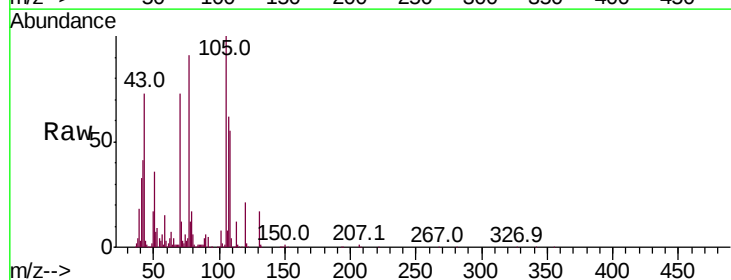
Ion Ratio Lower Upper

105 100

71 12.1 4.4 6.6#

51 36.0 22.3 33.5#

120 20.7 16.9 25.3

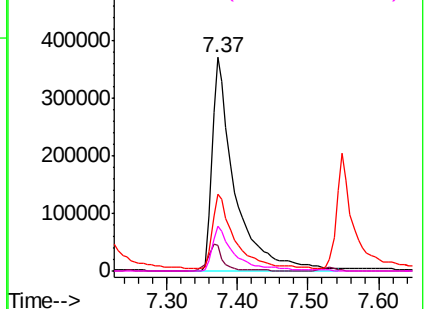


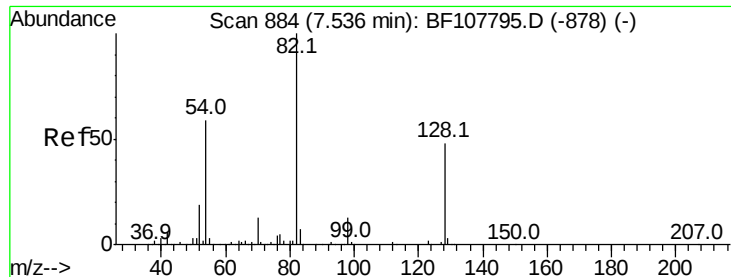
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

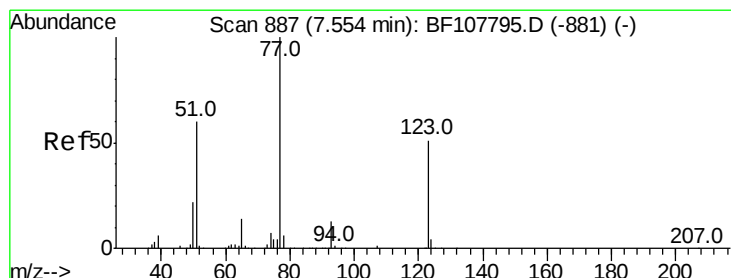
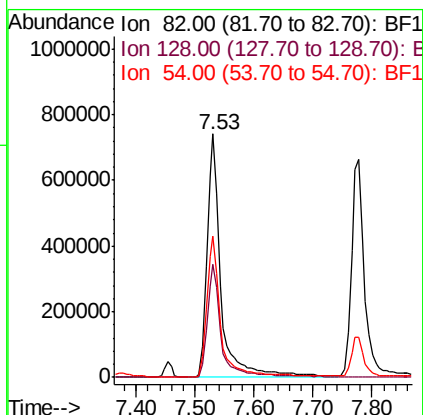
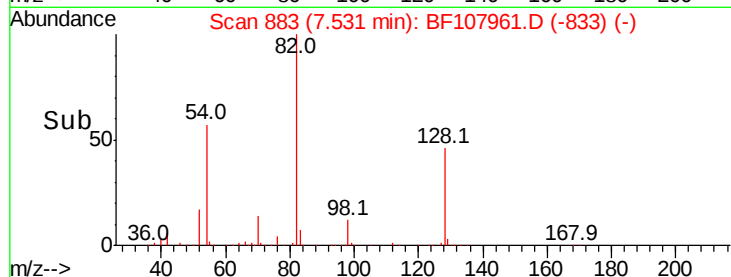
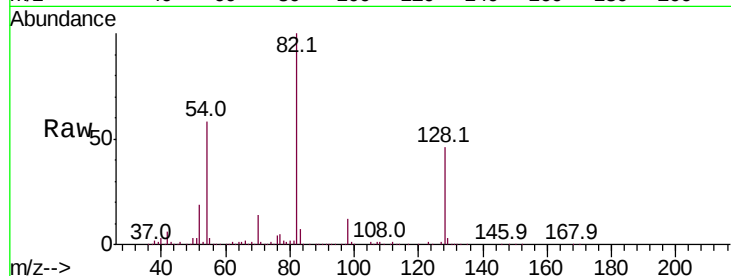




#23
Nitrobenzene-d5
Concen: 78.799 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

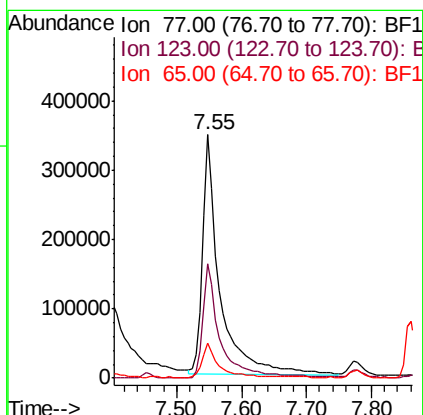
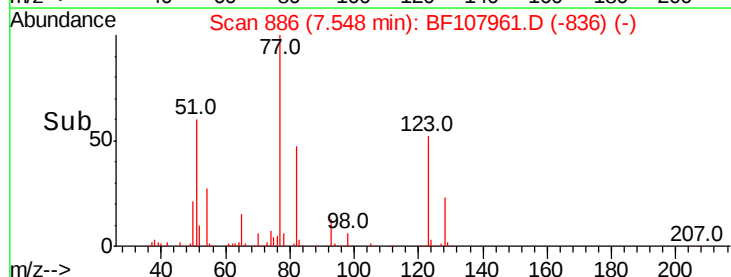
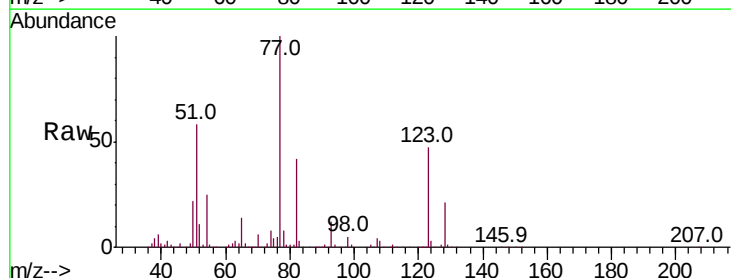
Instrument :
BNA_F
ClientSampleID :

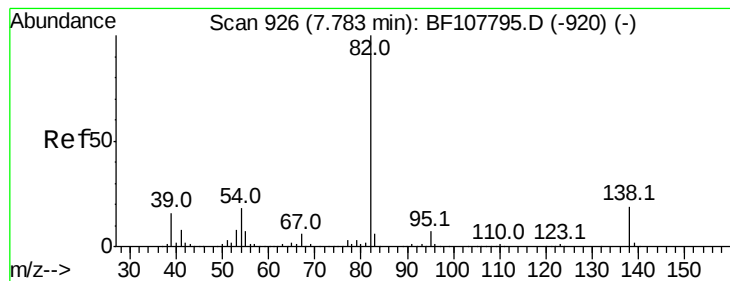
Tot Ion: 82 Resp: 1224541
Ion Ratio Lower Upper
82 100
128 46.3 36.1 54.1
54 58.1 41.4 62.2



#24
Nitrobenzene
Concen: 38.651 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion: 77 Resp: 629819
Ion Ratio Lower Upper
77 100
123 47.0 37.9 56.9
65 14.4 11.0 16.4





#25

Isophorone

Concen: 38.187 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampleId :

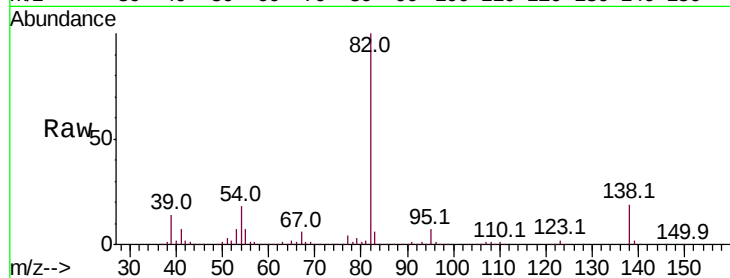
Tot Ion: 82 Resp: 974122

Ion Ratio Lower Upper

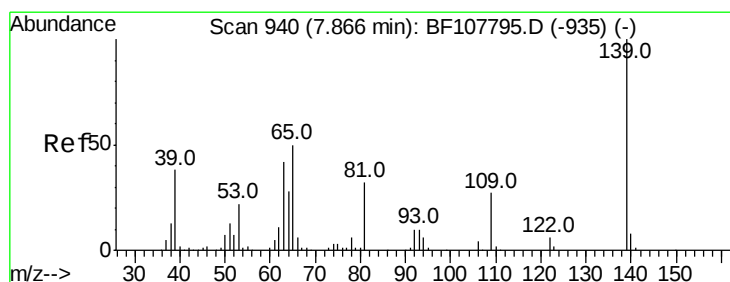
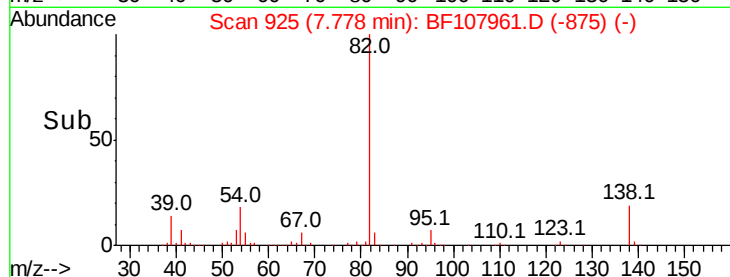
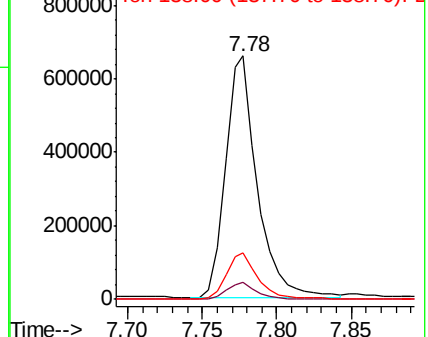
82 100

95 6.9 5.2 7.8

138 19.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 29.678 ng

RT: 7.86 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

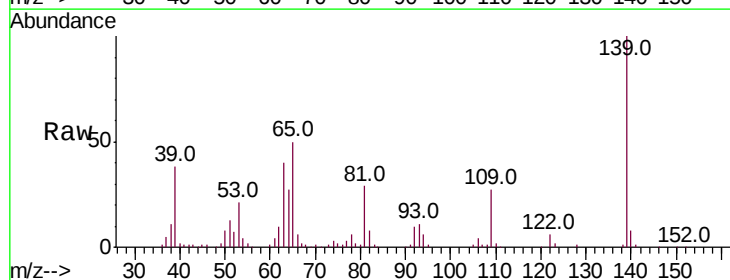
Tgt Ion: 139 Resp: 242703

Ion Ratio Lower Upper

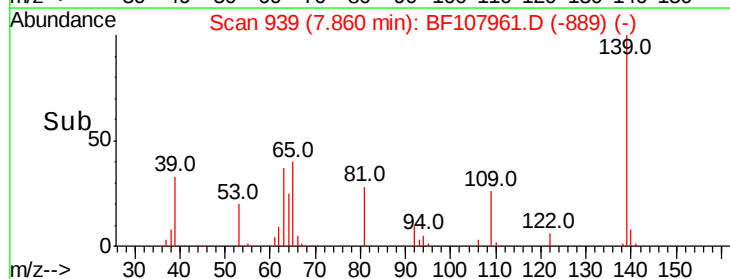
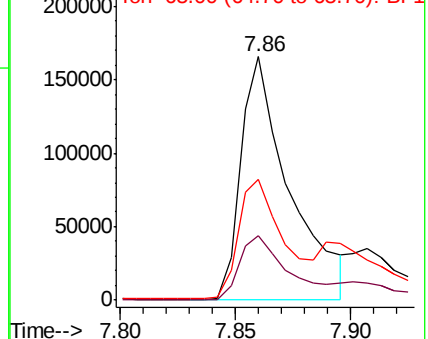
139 100

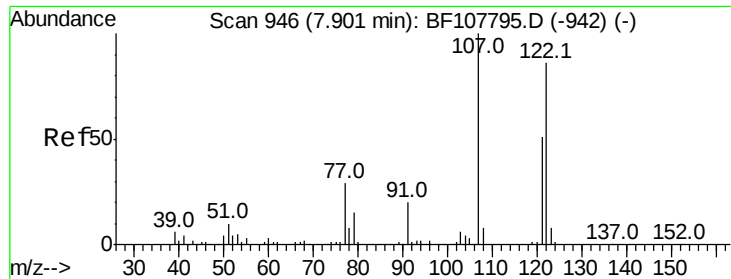
109 26.6 22.7 34.1

65 49.7 40.5 60.7



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

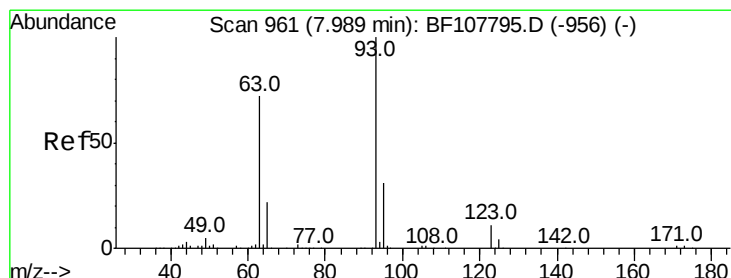
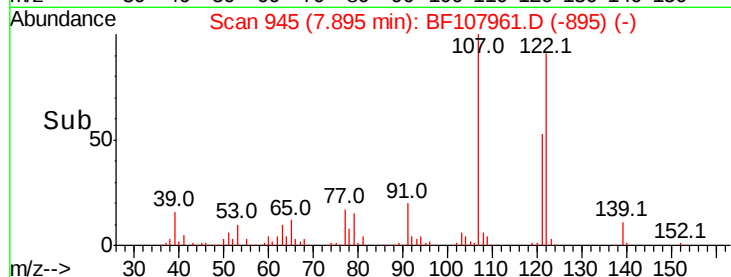
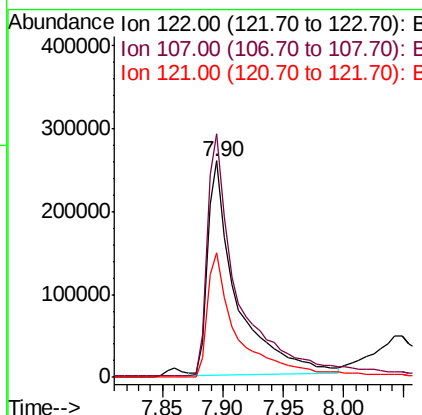
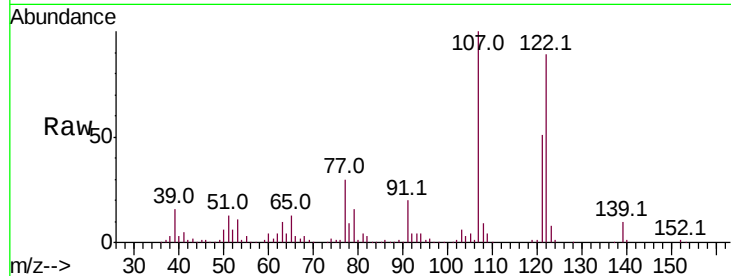




#27
 2,4-Dimethylphenol
 Concen: 39.174 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

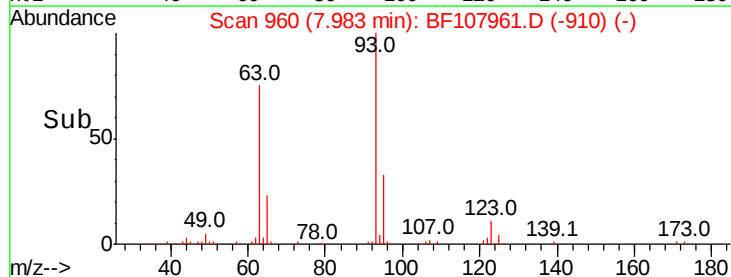
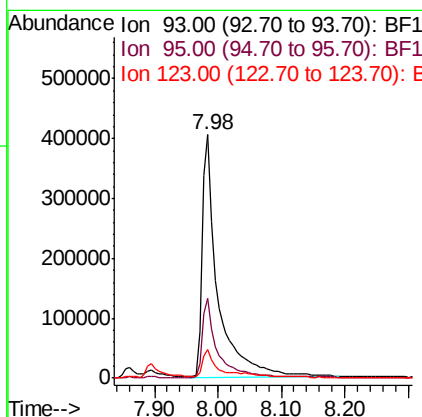
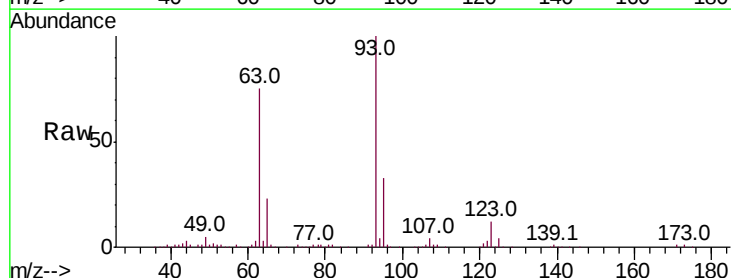
Instrument :
 BNA_F
 ClientSampleId :

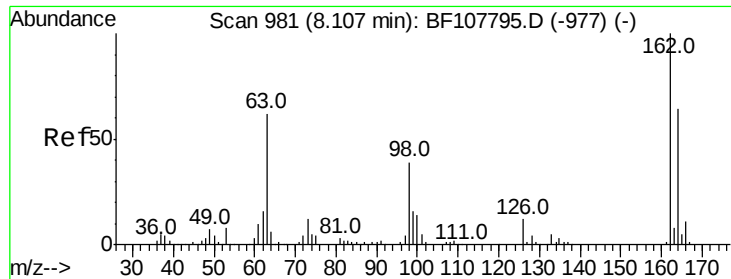
Tot Ion:122 Resp: 428912
 Ion Ratio Lower Upper
 122 100
 107 112.5 91.2 136.8
 121 57.7 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.979 ng
 RT: 7.98 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

Tgt Ion: 93 Resp: 688891
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 11.9 9.8 14.6

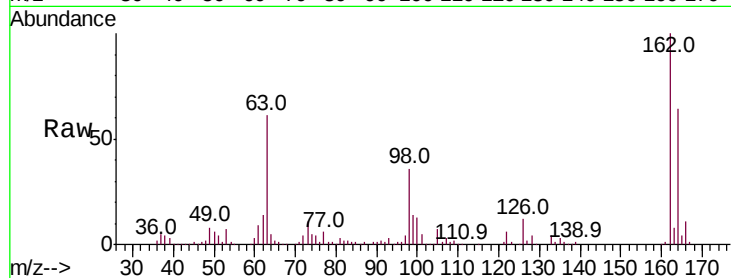




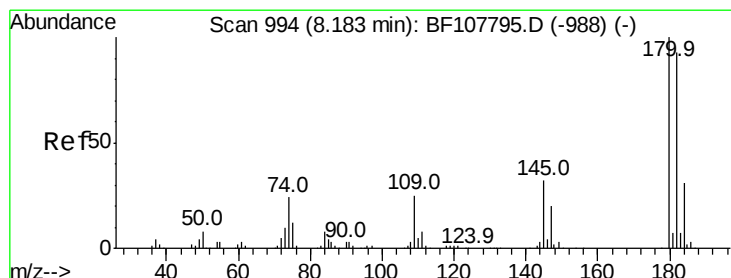
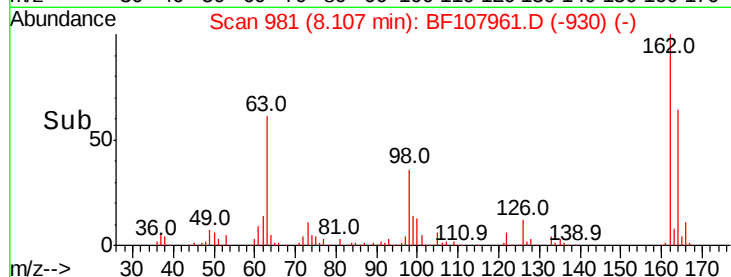
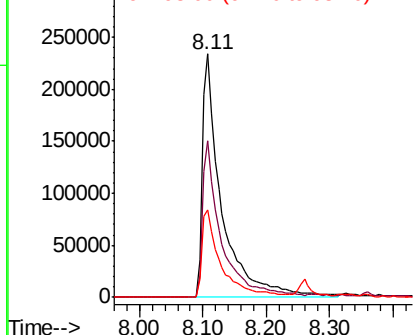
#29
2,4-Dichlorophenol
Concen: 39.951 ng
RT: 8.11 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 494773
Ion Ratio Lower Upper
162 100
164 64.5 42.7 82.7
98 36.0 18.1 58.1

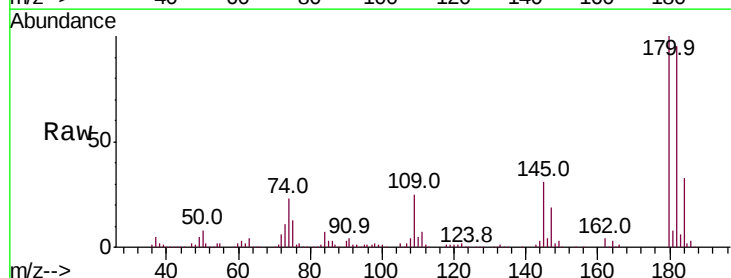


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

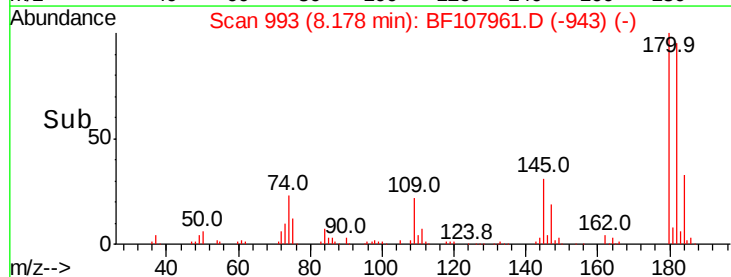
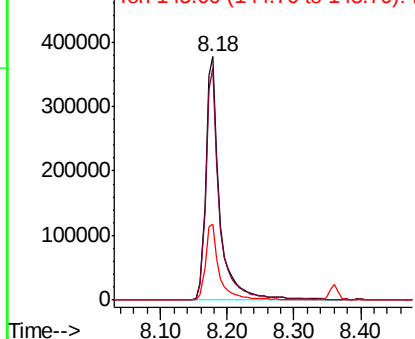


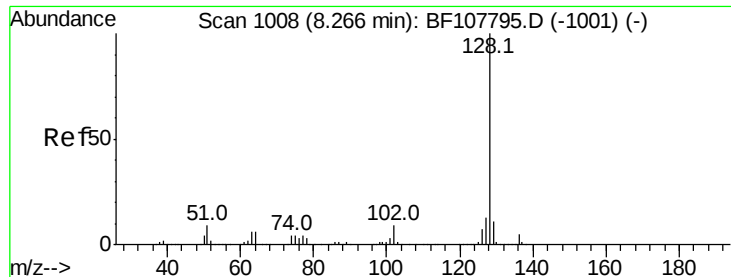
#30
1,2,4-Trichlorobenzene
Concen: 38.495 ng
RT: 8.18 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion:180 Resp: 543877
Ion Ratio Lower Upper
180 100
182 95.5 76.8 115.2
145 31.3 26.5 39.7



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



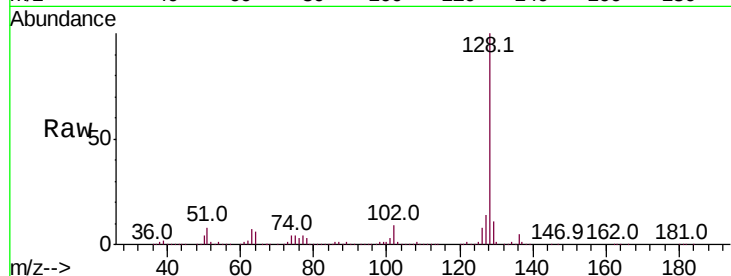


#31
Naphthalene
Concen: 38.416 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

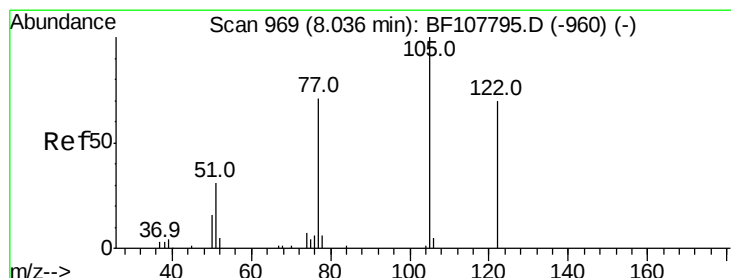
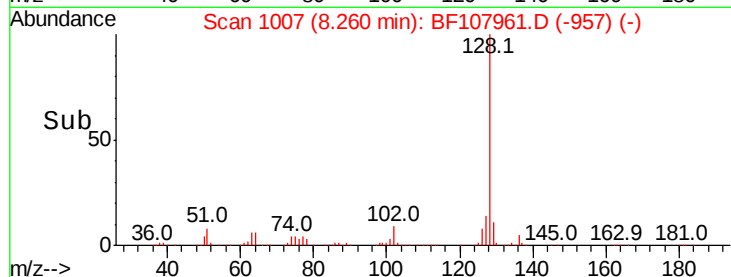
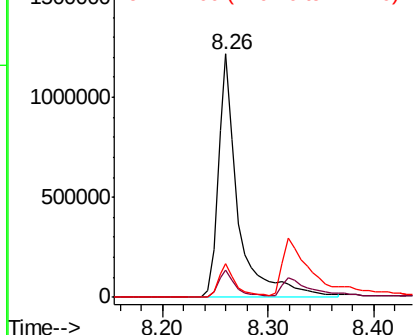
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1598702

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.8	10.9	16.3



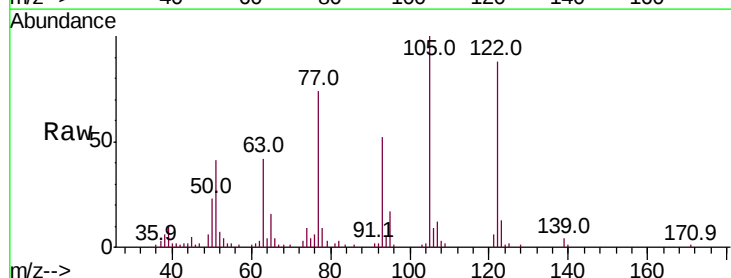
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



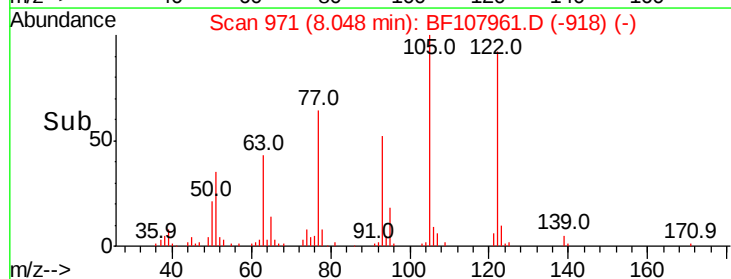
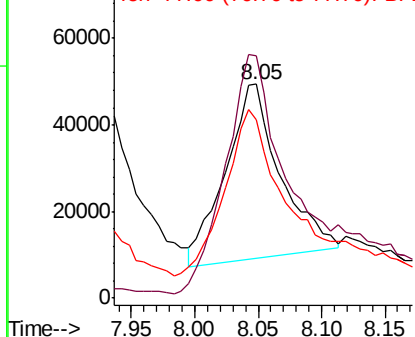
#32
Benzoic acid
Concen: 17.457 ng
RT: 8.05 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

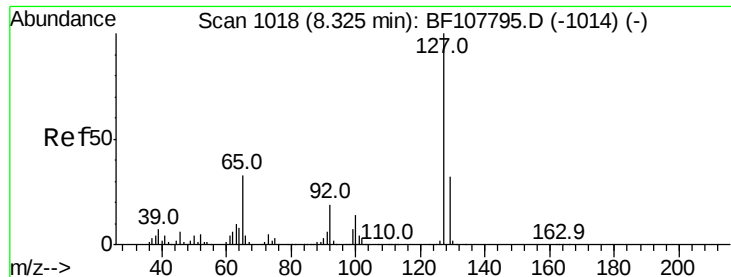
Tgt Ion:122 Resp: 121975

Ion	Ratio	Lower	Upper
122	100		
105	113.0	101.1	141.1
77	83.4	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

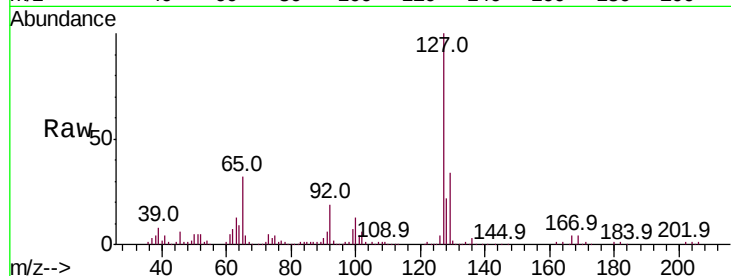




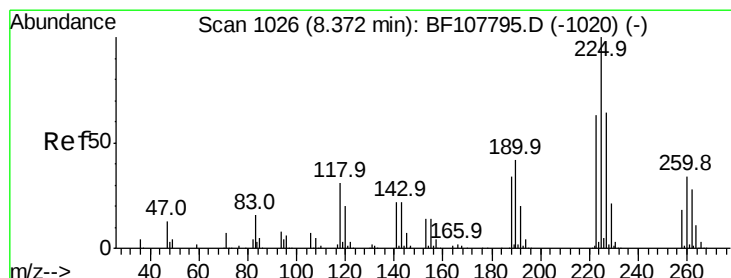
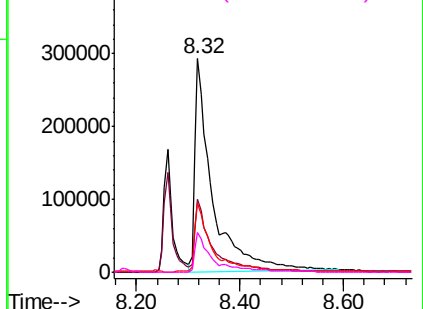
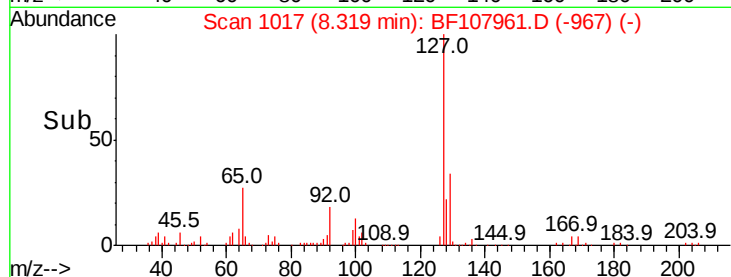
#33
4-Chloroaniline
Concen: 38.471 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	683860
Ion	Ratio	Lower	Upper
127	100		
129	34.1	25.9	38.9
65	32.5	25.0	37.4
92	18.7	15.2	22.8

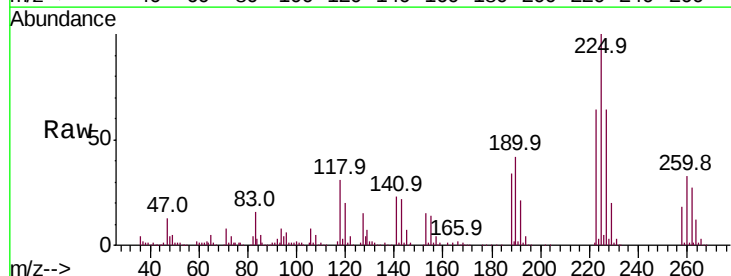


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

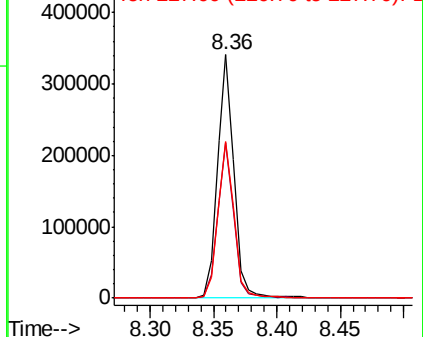
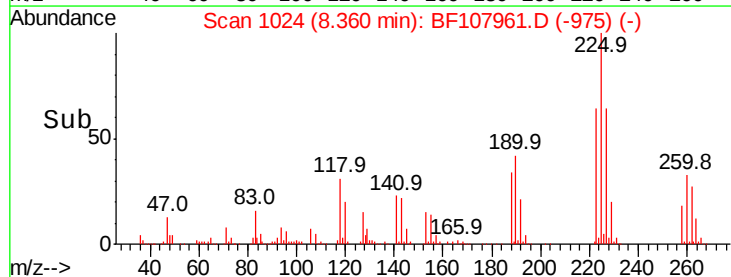


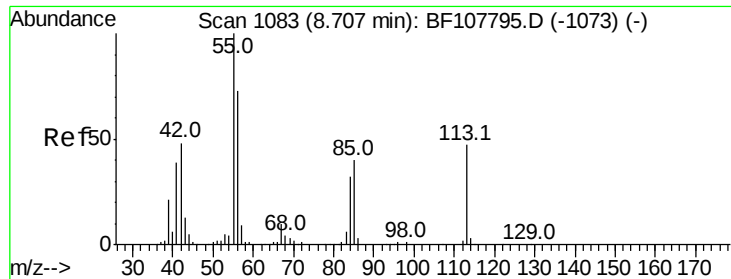
#34
Hexachlorobutadiene
Concen: 35.837 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion:	225	Resp:	312888
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	64.1	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

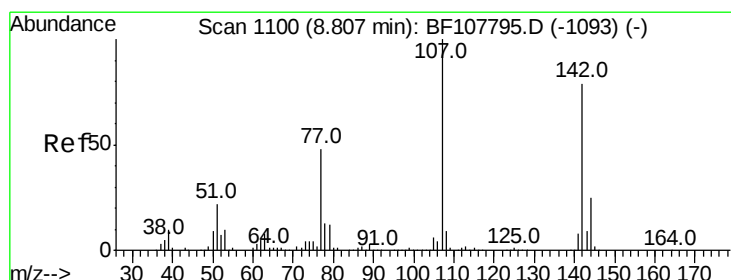
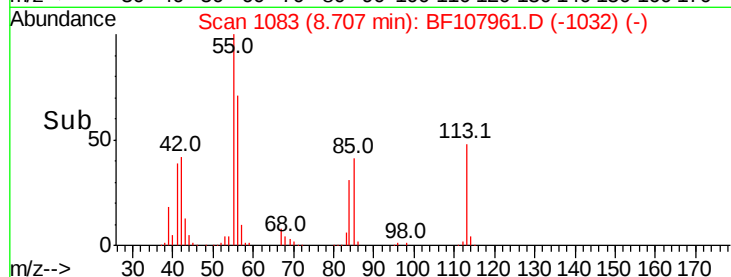
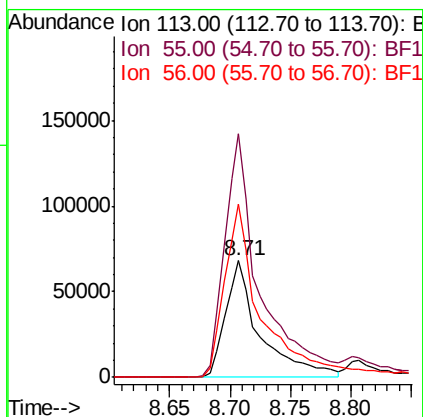
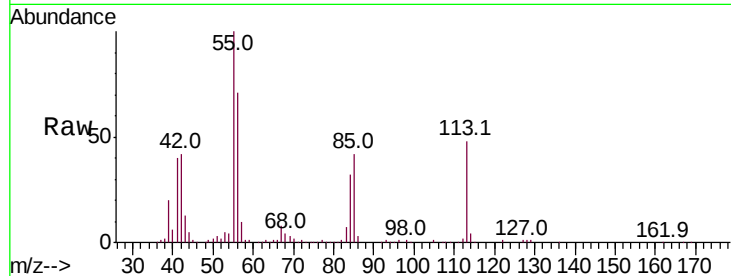




#35
 Caprolactam
 Concen: 36.339 ng
 RT: 8.71 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

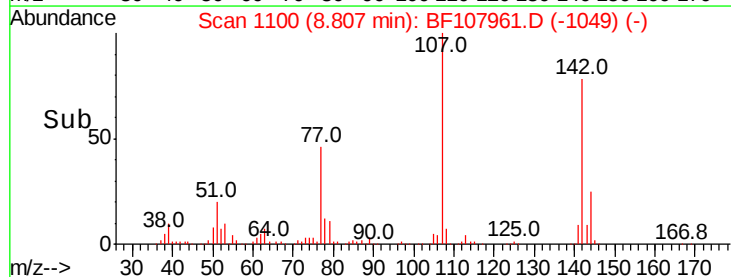
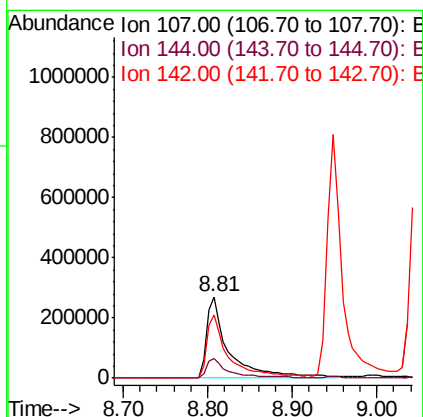
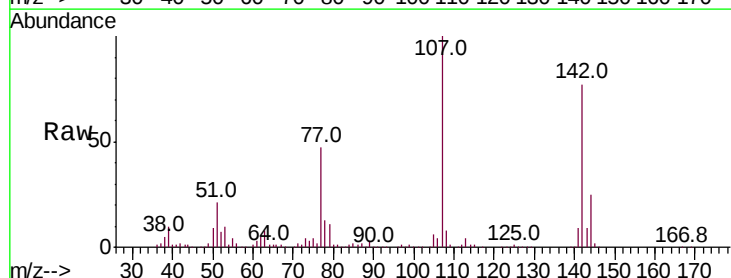
Instrument :
 BNA_F
 ClientSampled :

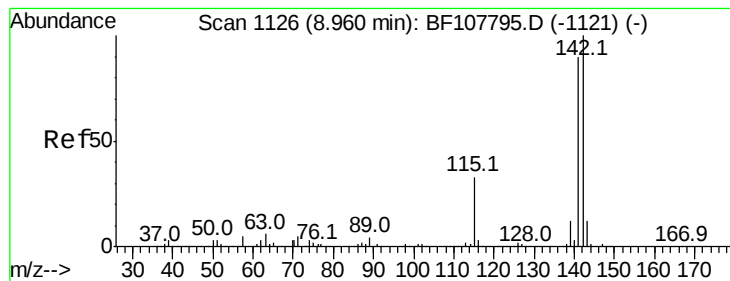
Tot Ion:113 Resp: 135481
 Ion Ratio Lower Upper
 113 100
 55 209.2 163.3 203.3#
 56 149.0 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 36.935 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

Tgt Ion:107 Resp: 496786
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.5 30.7
 142 77.4 62.0 93.0





#37

2-Methylnaphthalene

Concen: 38.332 ng

RT: 8.95 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampleId :

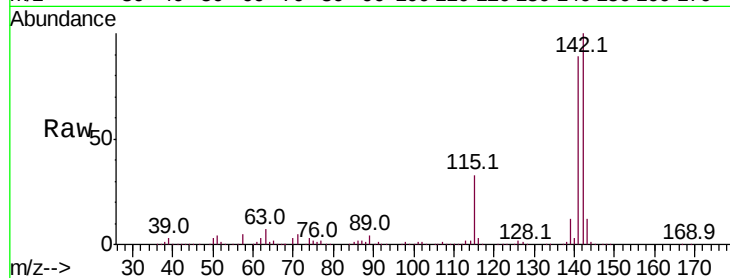
Tot Ion:142 Resp: 1002033

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2

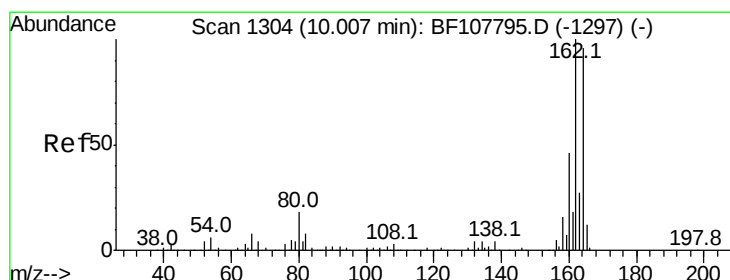
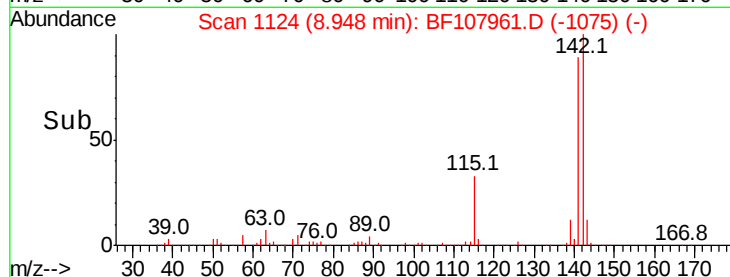
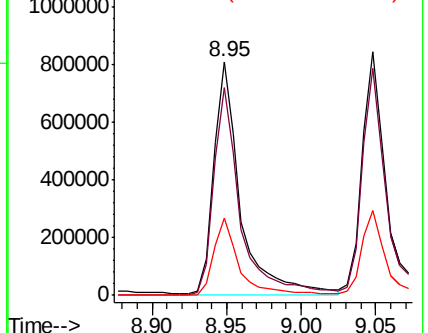
115 33.2 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

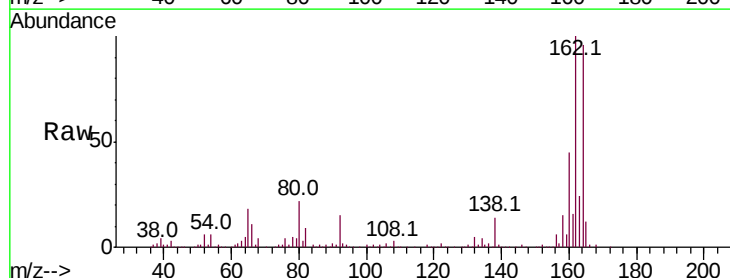
Tgt Ion:164 Resp: 364599

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

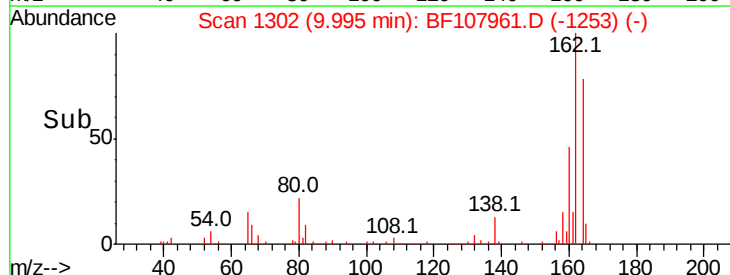
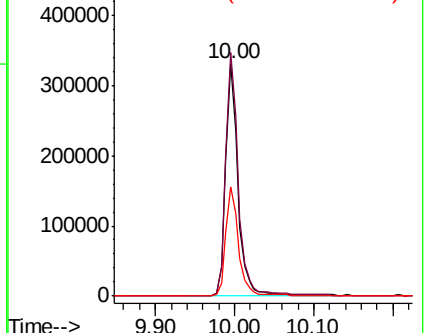
160 47.1 38.3 57.5

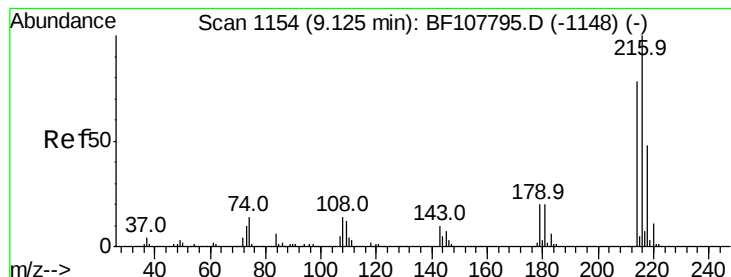


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.586 ng

RT: 9.11 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 529389

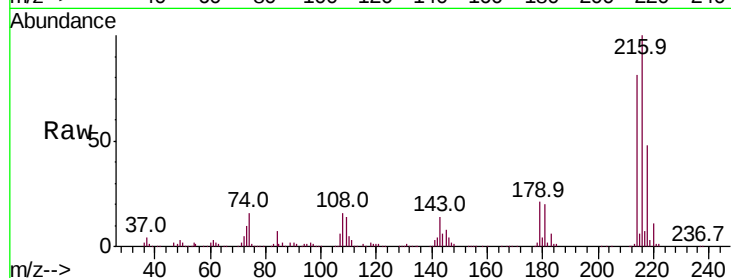
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 20.8 18.1 27.1

108 15.9 17.2 25.8#

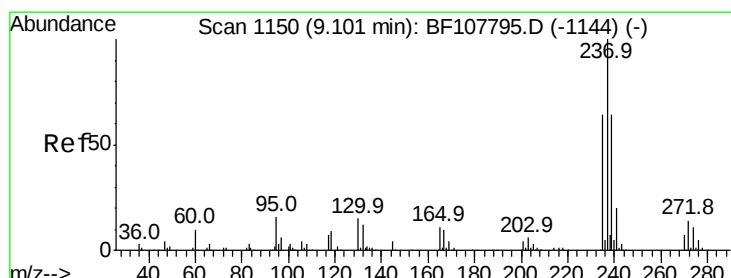
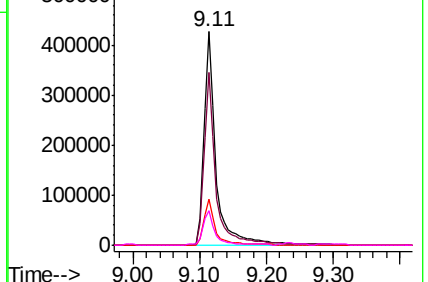
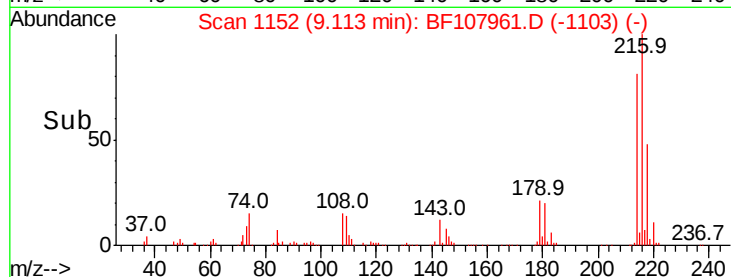


Abundance Ion 216.00 (215.70 to 216.70): E

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: 14.897 ng

RT: 9.09 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

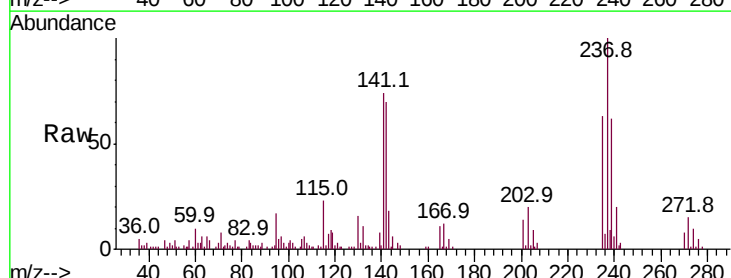
Tgt Ion:237 Resp: 44128

Ion Ratio Lower Upper

237 100

235 63.2 44.8 84.8

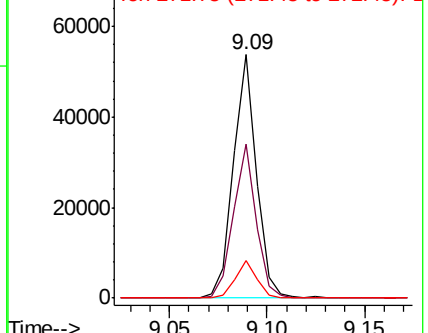
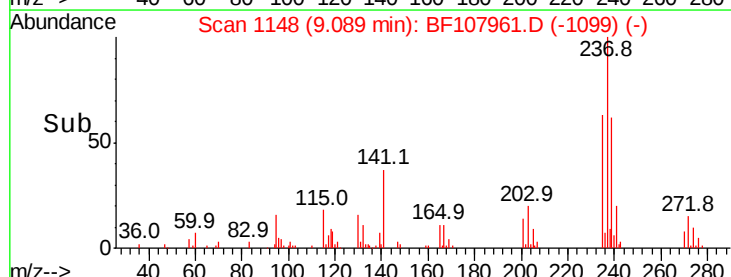
272 15.2 0.0 33.3

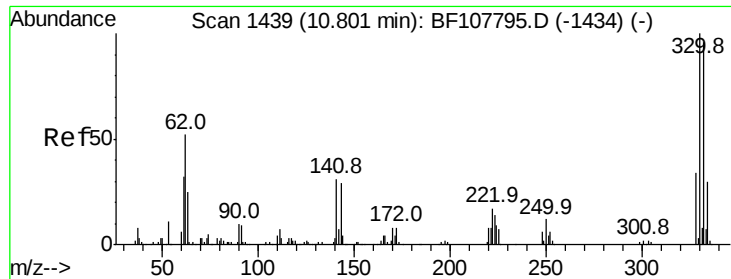


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

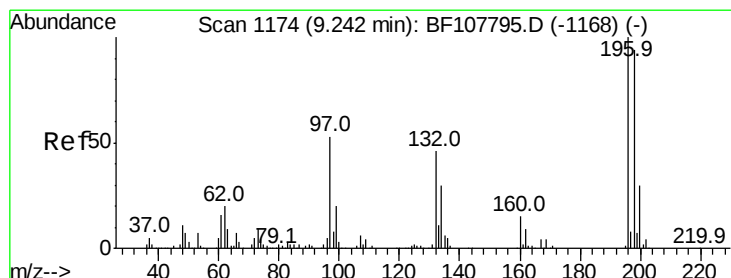
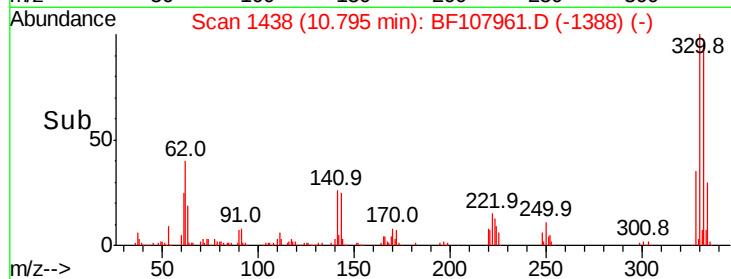
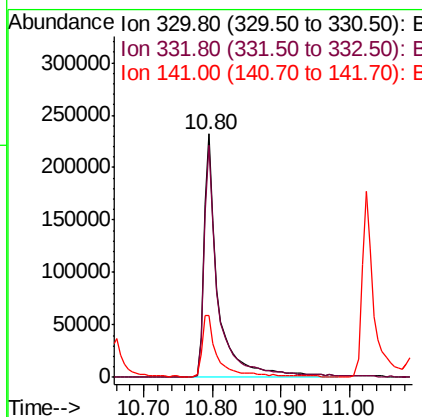
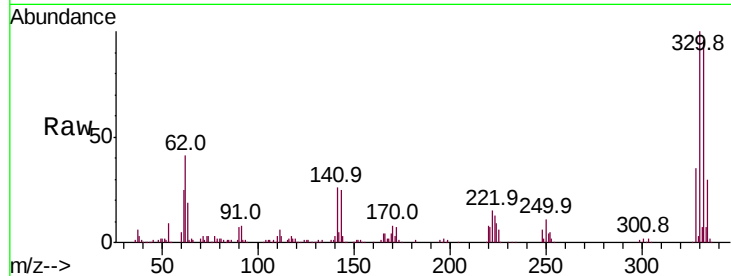




#41
 2,4,6-Tribromophenol
 Concen: 68.702 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

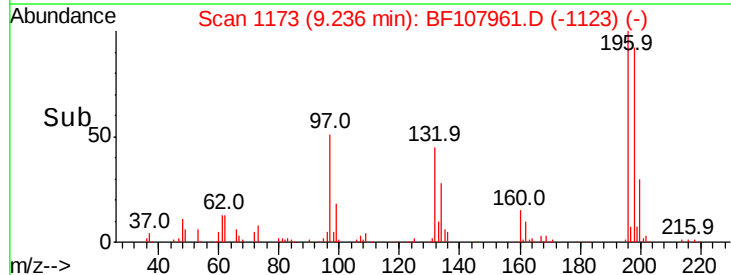
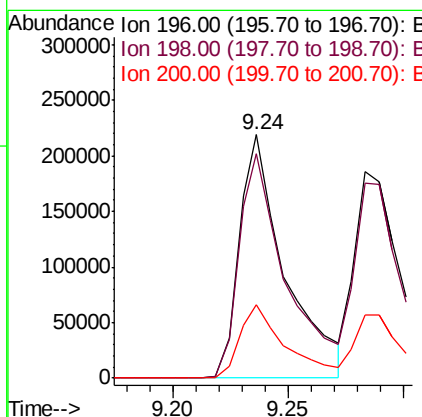
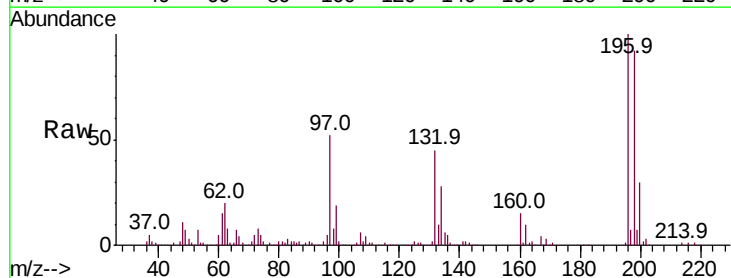
Instrument :
 BNA_F
 ClientSampleId :

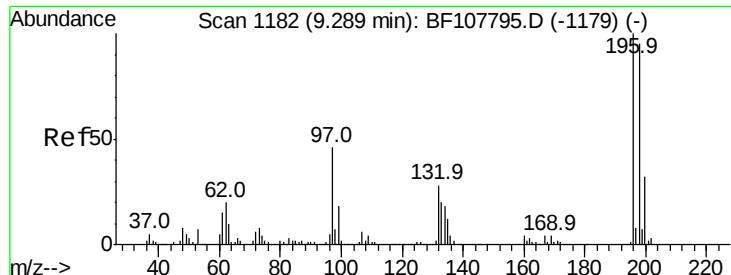
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	27.0	29.9	44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 43.599 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.3	75.7	113.5
200	30.3	24.5	36.7

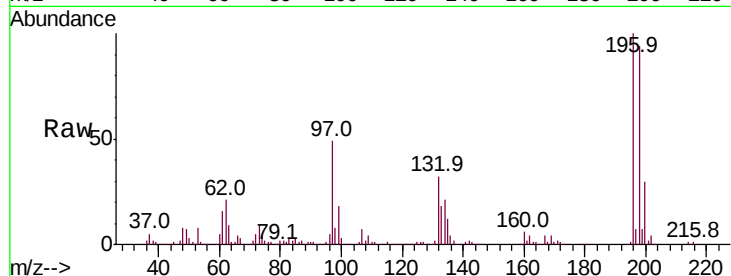




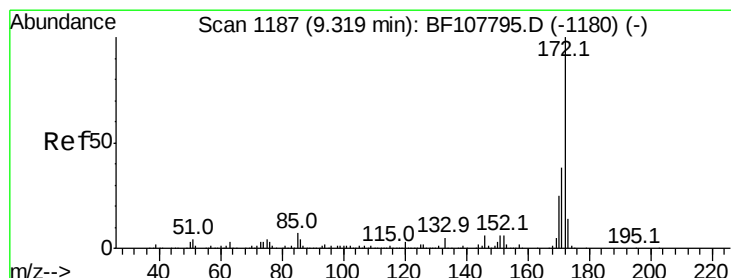
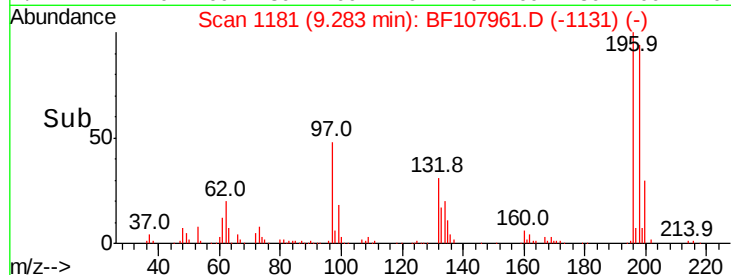
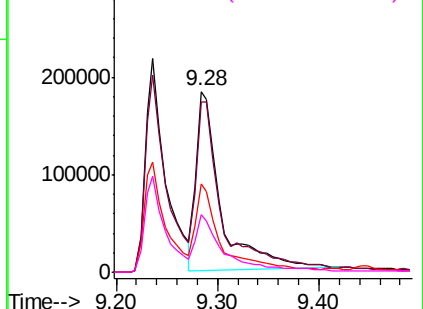
#43
 2,4,5-Trichlorophenol
 Concen: 38.256 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 316503
 Ion Ratio Lower Upper
 196 100
 198 94.3 74.6 112.0
 97 48.6 42.9 64.3
 132 31.8 26.3 39.5

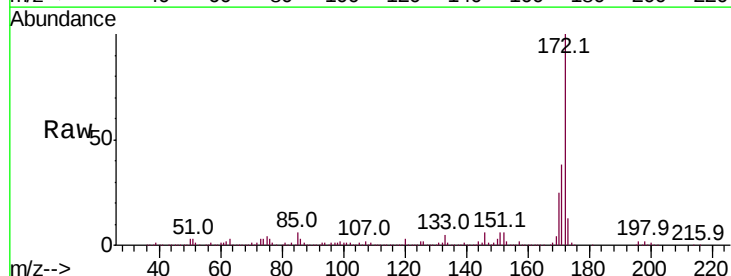


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

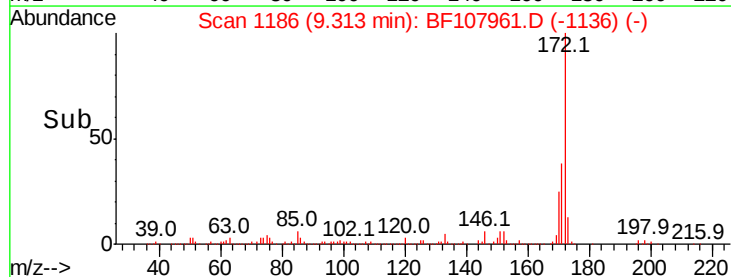
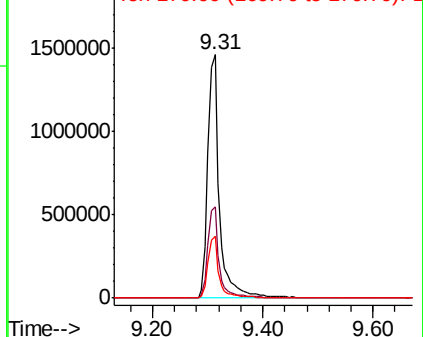


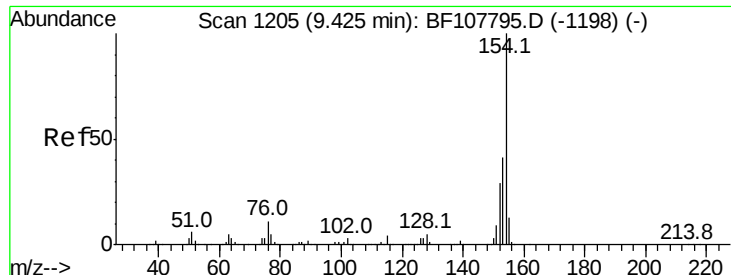
#44
 2-Fluorobiphenyl
 Concen: 80.995 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

Tgt Ion:172 Resp: 2119198
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.7 44.5
 170 25.3 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

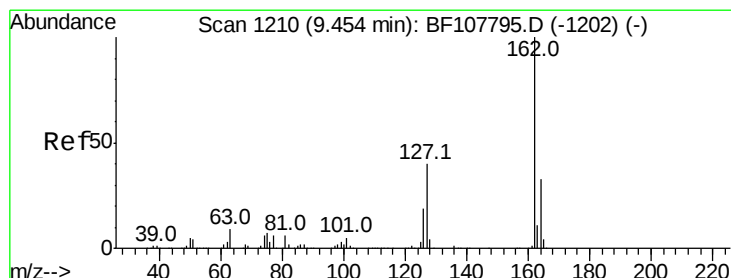
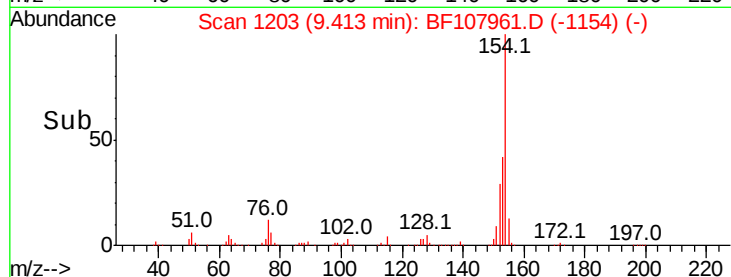
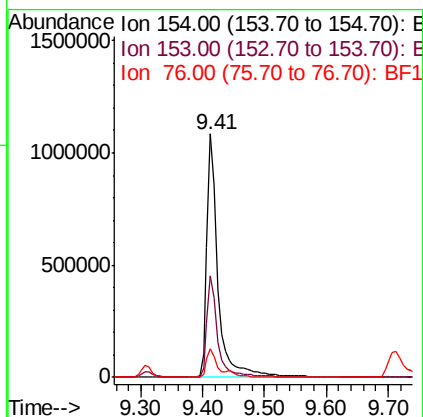
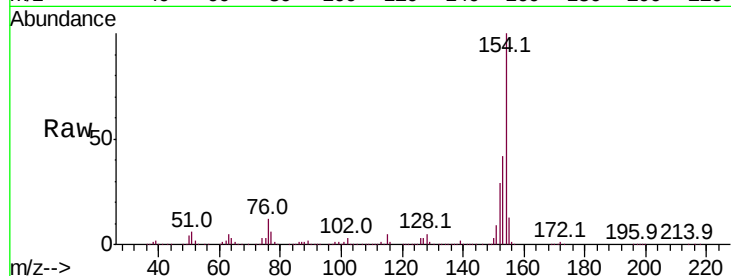




#45
 1,1'-Biphenyl
 Concen: 41.145 ng
 RT: 9.41 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

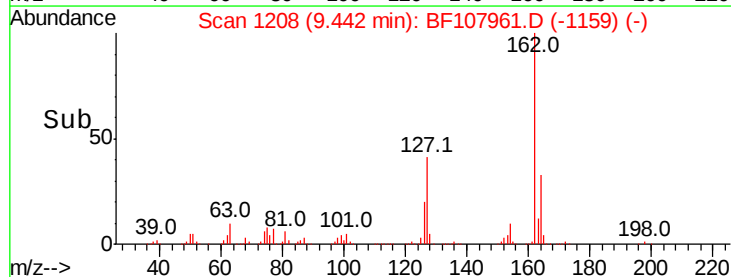
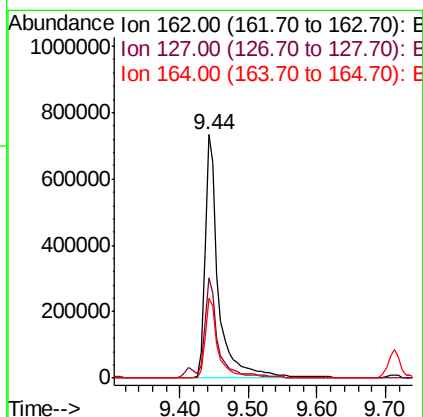
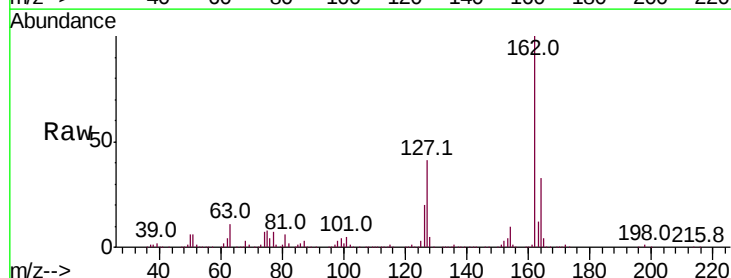
Instrument :
 BNA_F
 ClientSampleID :

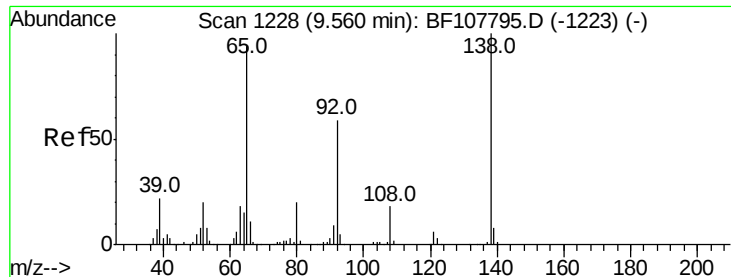
Tot Ion:154 Resp: 1365225
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.3 61.3
 76 12.0 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 40.981 ng
 RT: 9.44 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

Tgt Ion:162 Resp: 1025404
 Ion Ratio Lower Upper
 162 100
 127 41.4 33.9 50.9
 164 32.8 26.5 39.7

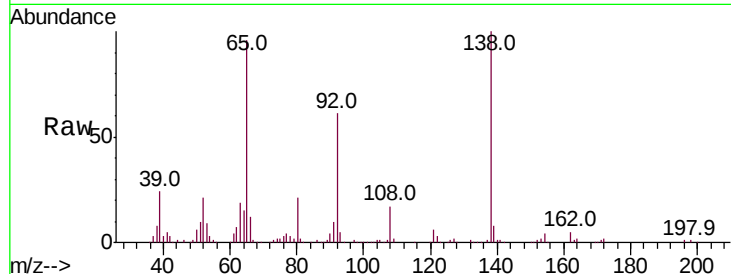




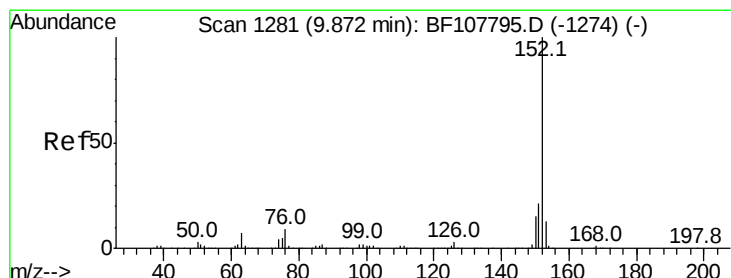
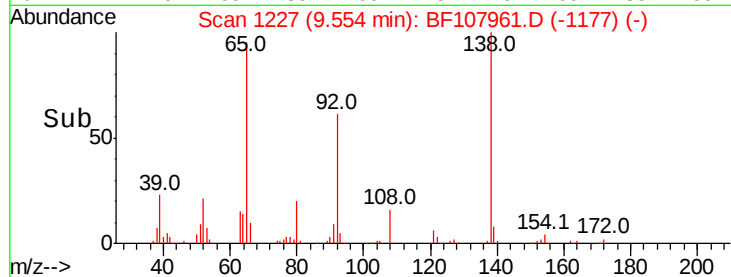
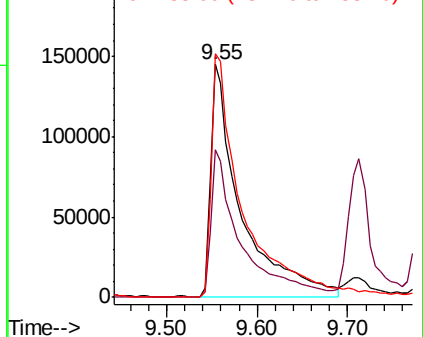
#47
2-Nitroaniline
Concen: 40.873 ng
RT: 9.55 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 332661
Ion Ratio Lower Upper
65 100
92 63.6 55.8 83.6
138 104.4 91.2 136.8

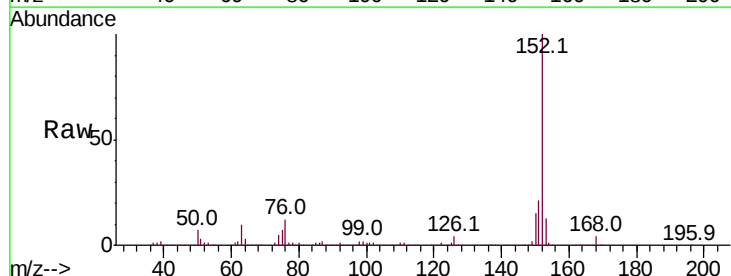


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

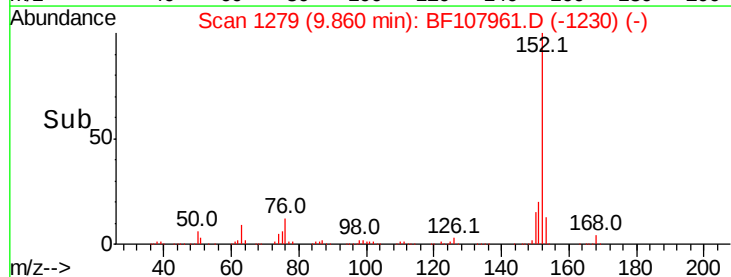
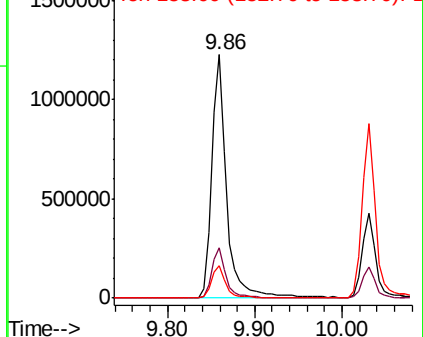


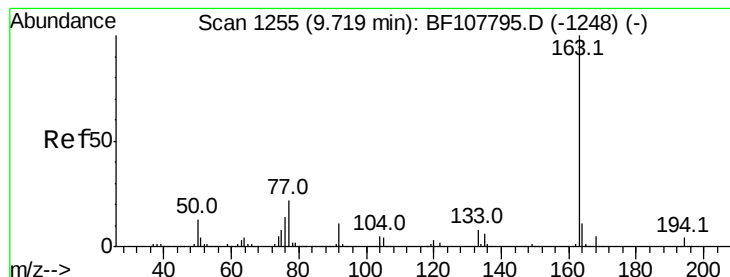
#48
Acenaphthylene
Concen: 37.293 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion:152 Resp: 1446636
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.1 10.7 16.1



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





#49

Dimethylphthalate

Concen: 39.686 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampleId :

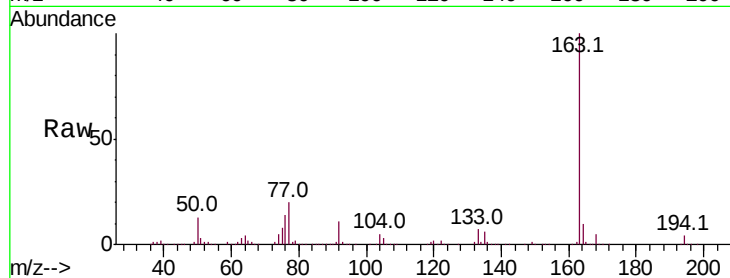
Tot Ion:163 Resp: 1086661

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

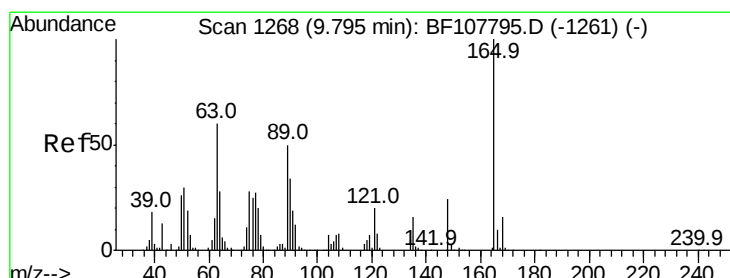
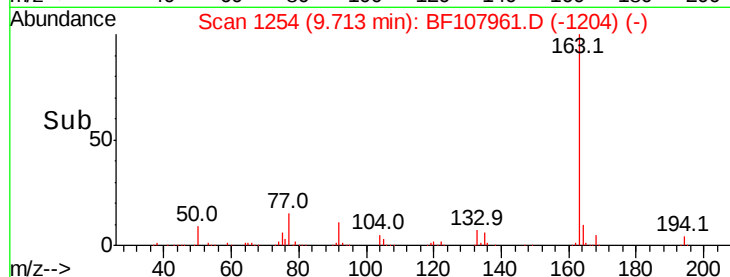
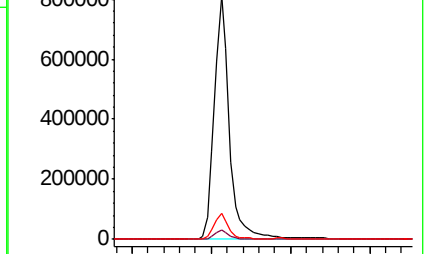
164 10.5 8.2 12.2



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: 39.927 ng

RT: 9.79 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

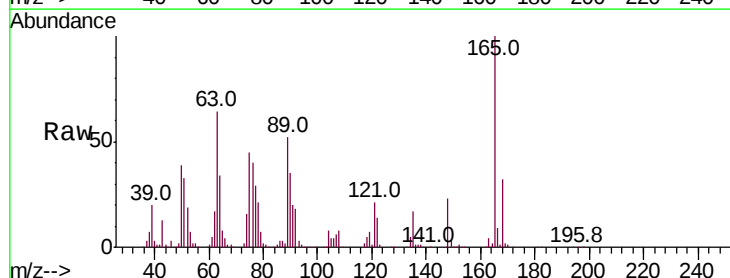
Tgt Ion:165 Resp: 237590

Ion Ratio Lower Upper

165 100

63 64.2 44.7 67.1

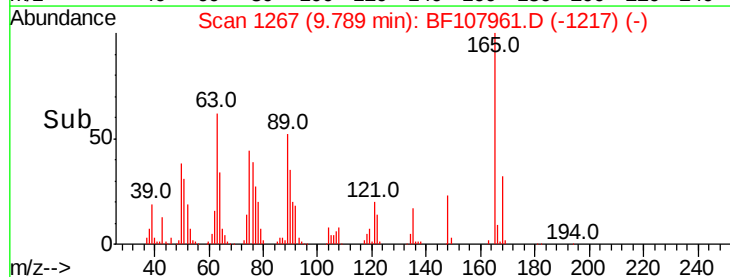
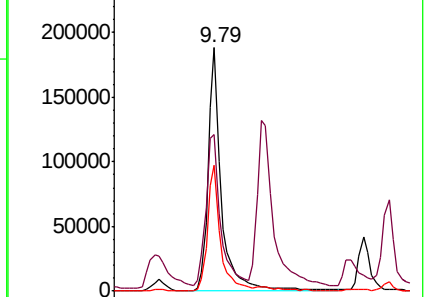
89 51.5 44.0 66.0

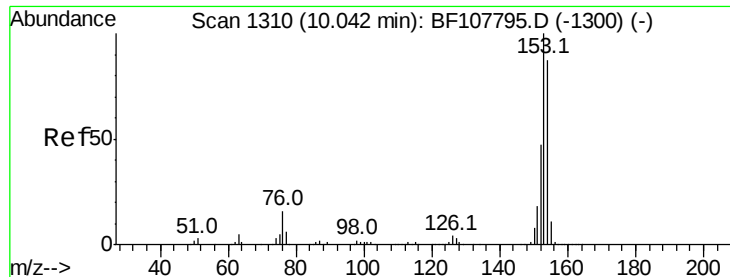


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 37.941 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampleId :

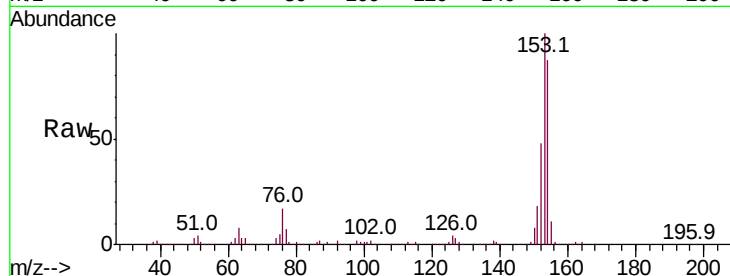
Tot Ion:154 Resp: 854949

Ion Ratio Lower Upper

154 100

153 114.3 91.2 136.8

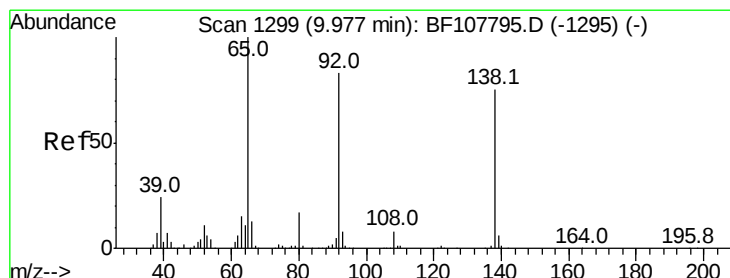
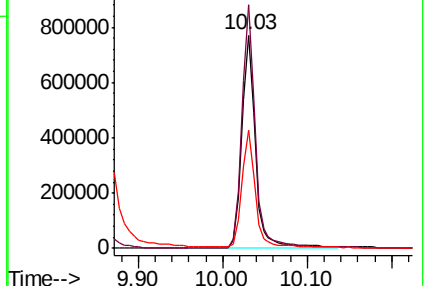
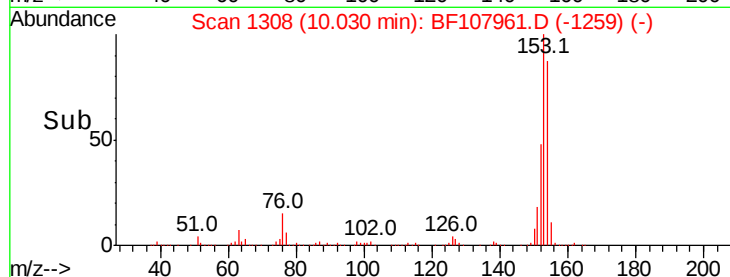
152 55.3 43.8 65.8



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: 37.262 ng

RT: 9.98 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

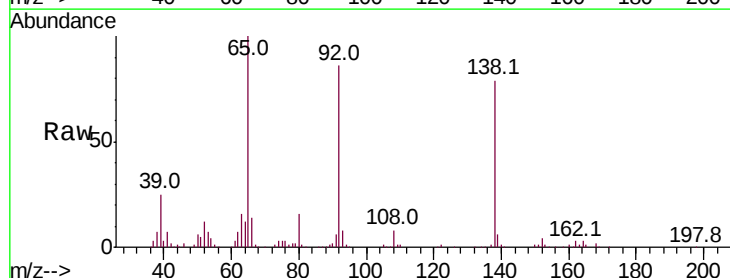
Tgt Ion:138 Resp: 279405

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

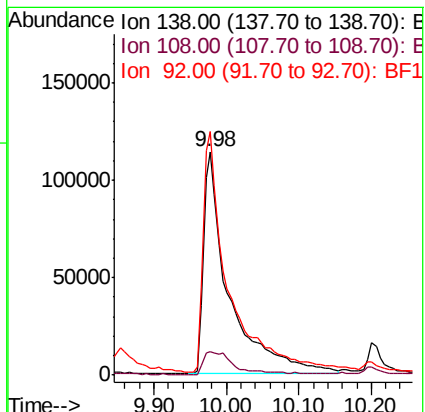
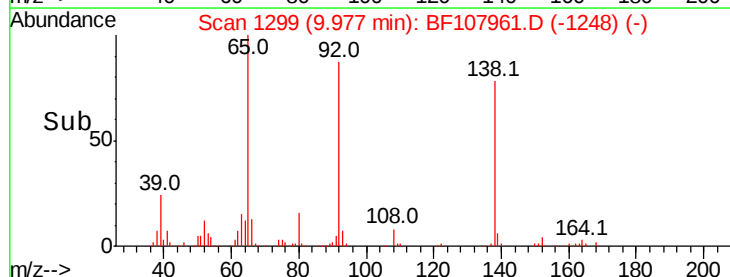
92 108.8 89.4 134.2

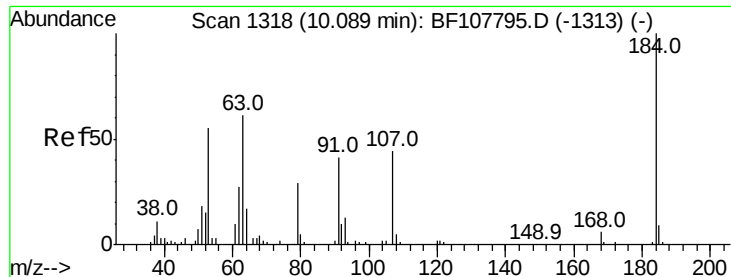


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

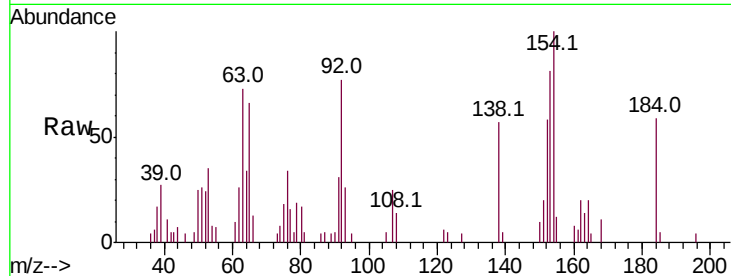




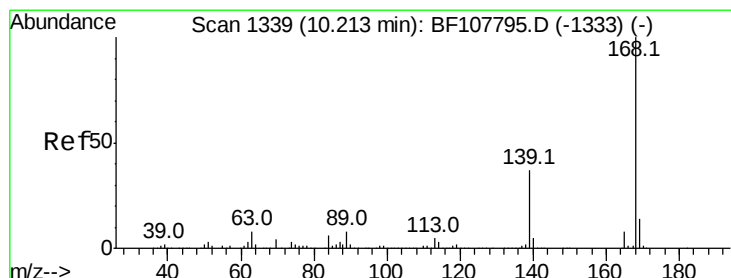
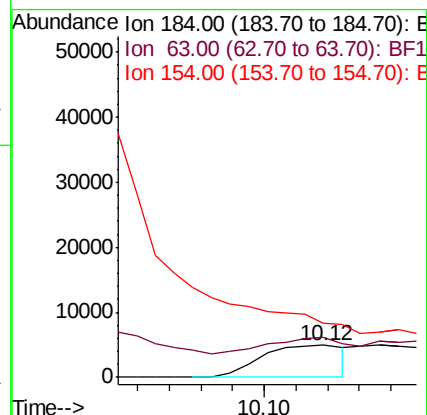
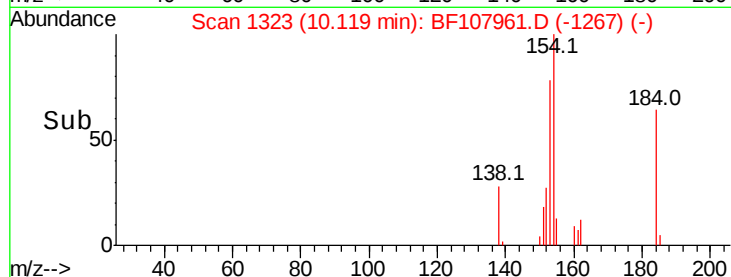
#53
2,4-Dinitrophenol
Concen: 10.987 ng
RT: 10.12 min Scan# 1323
Delta R.T. 0.03 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 8928
Ion Ratio Lower Upper
184 100
63 124.9 54.2 81.2#
154 170.6 184.0 276.0#

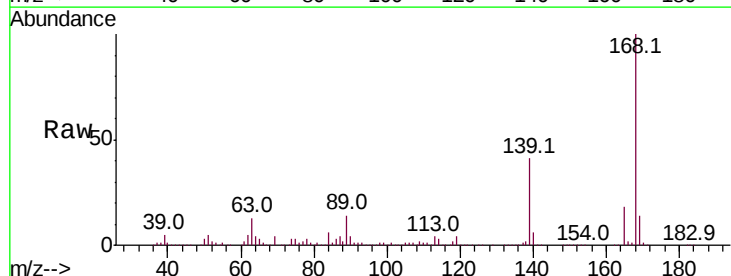


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

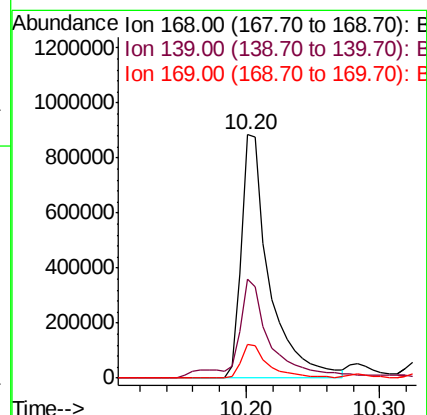
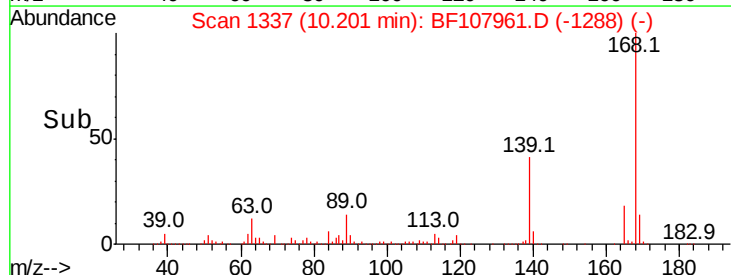


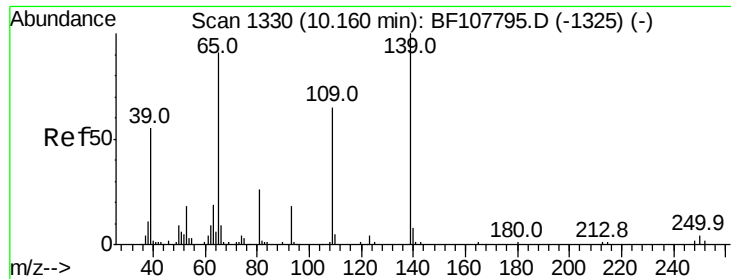
#54
Dibenzofuran
Concen: 36.969 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion:168 Resp: 1287581
Ion Ratio Lower Upper
168 100
139 40.6 30.1 45.1
169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 171.589 ng

RT: 10.20 min Scan# 1337

Delta R.T. 0.04 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampled :

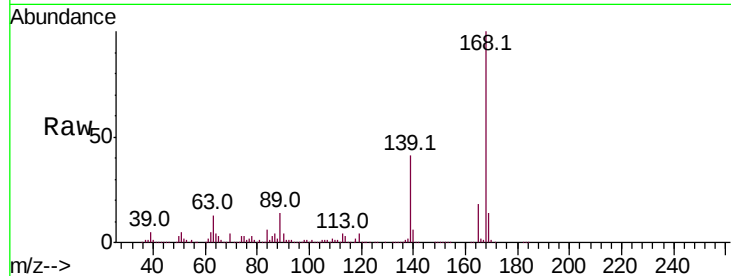
Tot Ion:139 Resp: 648126

Ion Ratio Lower Upper

139 100

109 3.8 48.4 88.4#

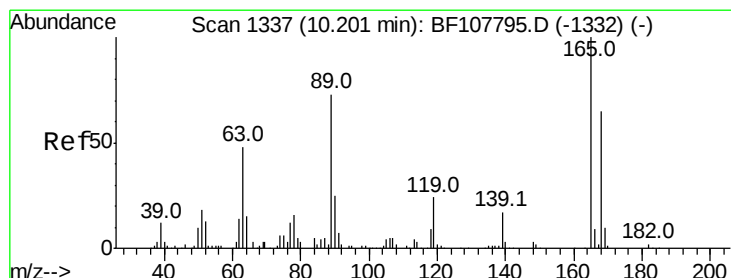
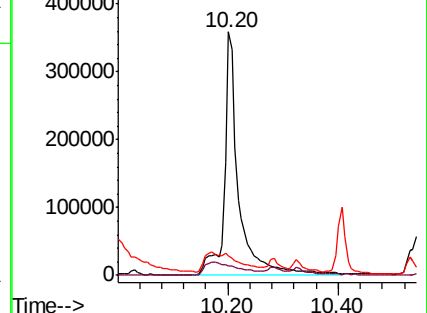
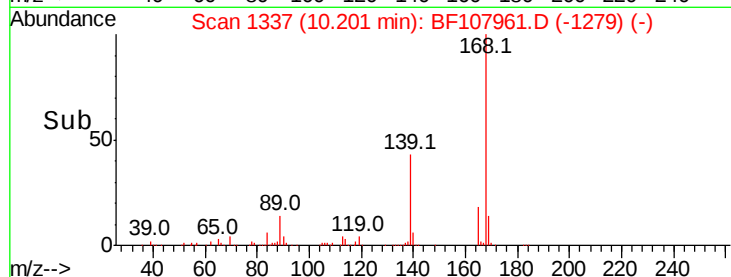
65 7.9 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 35.266 ng

RT: 10.20 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Tgt Ion:165 Resp: 275817

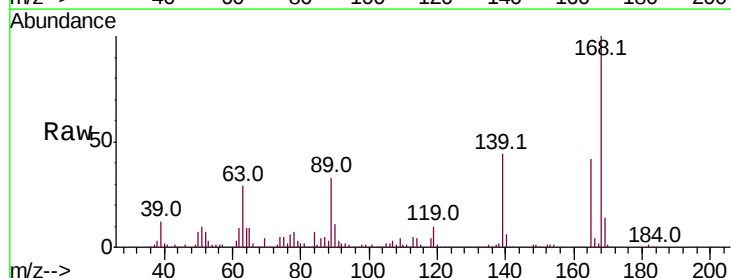
Ion Ratio Lower Upper

165 100

63 69.4 36.4 54.6#

89 79.2 57.8 86.6

182 2.5 1.6 2.4#

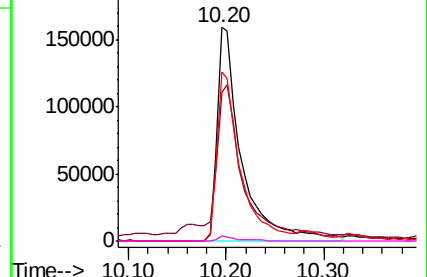
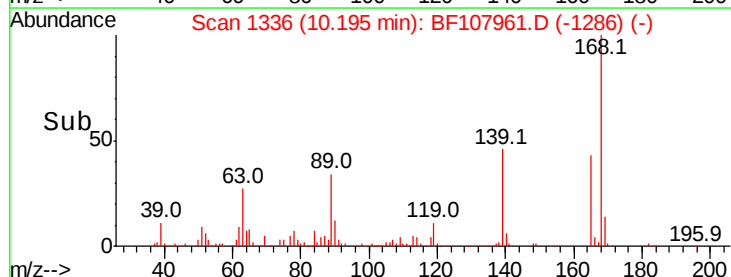


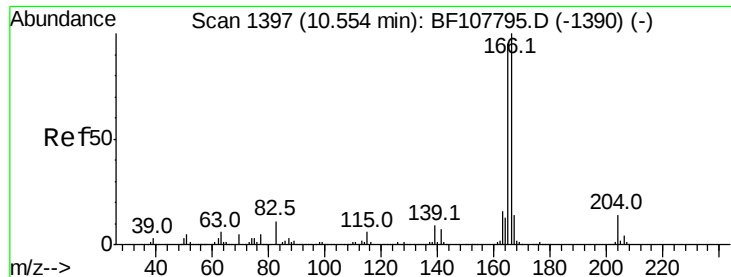
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.307 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampleId :

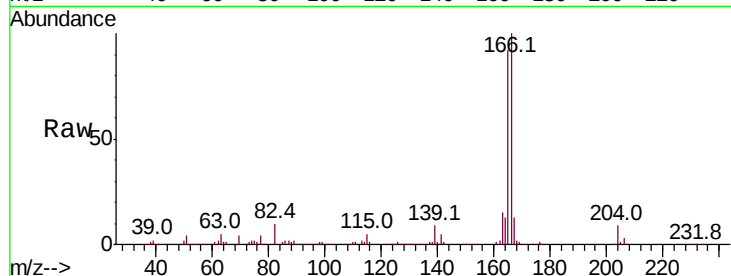
Tot Ion:166 Resp: 955670

Ion Ratio Lower Upper

166 100

165 92.5 79.8 119.8

167 13.4 10.6 16.0

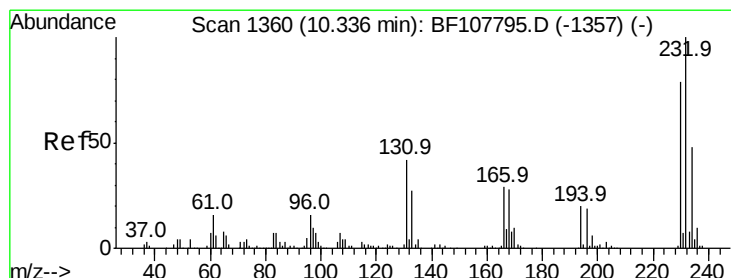
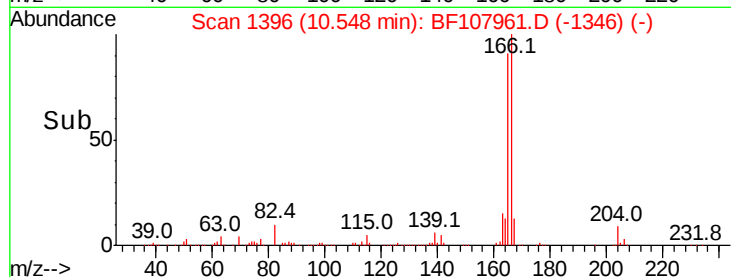
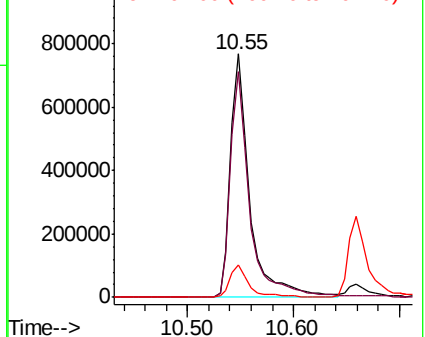


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.675 ng

RT: 10.32 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Tgt Ion:232 Resp: 248295

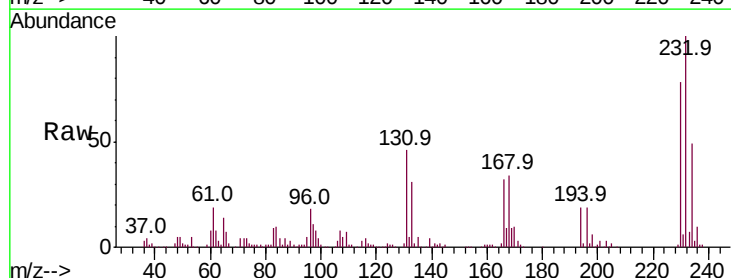
Ion Ratio Lower Upper

232 100

131 51.8 43.8 65.8

130 2.1 2.1 3.1

166 32.4 27.8 41.6



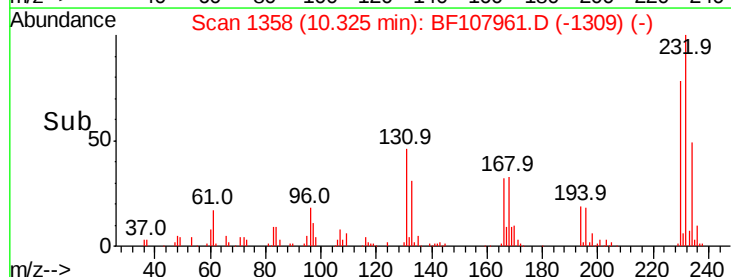
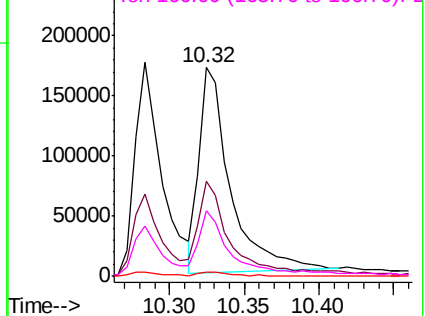
Abundance

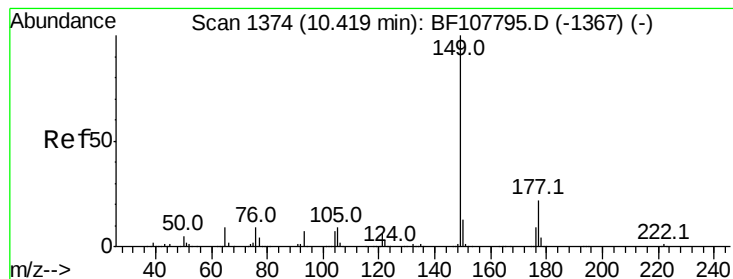
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.487 ng

RT: 10.41 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampled :

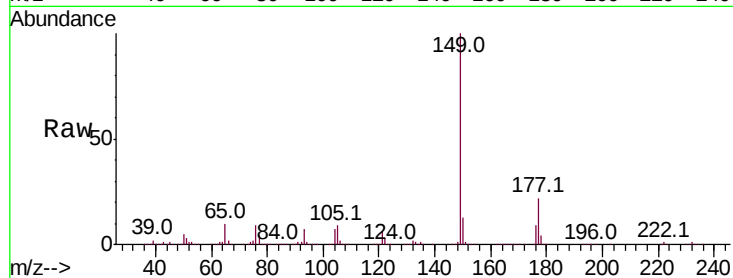
Tot Ion:149 Resp: 1074180

Ion Ratio Lower Upper

149 100

177 21.8 16.1 24.1

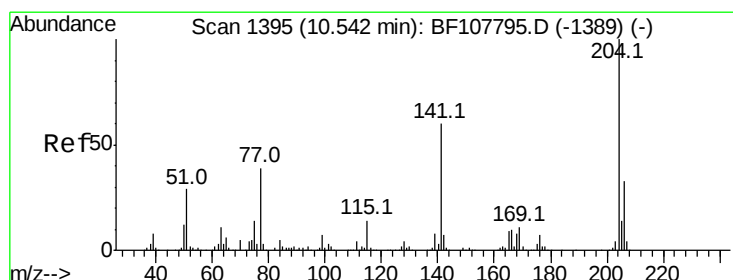
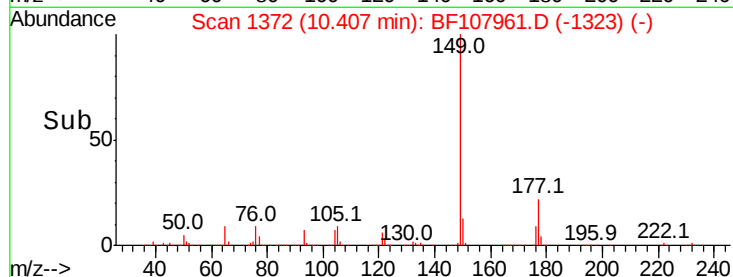
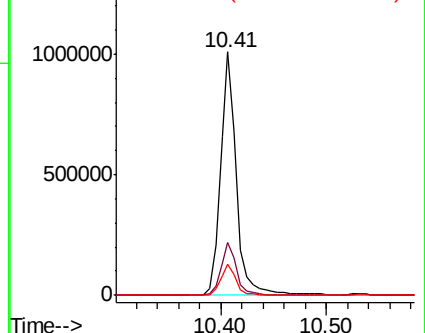
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.023 ng

RT: 10.53 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

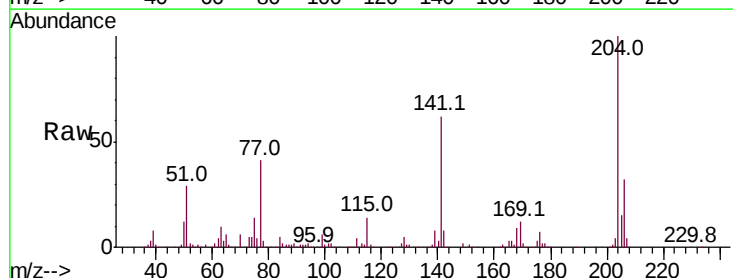
Tgt Ion:204 Resp: 531160

Ion Ratio Lower Upper

204 100

206 32.2 26.5 39.7

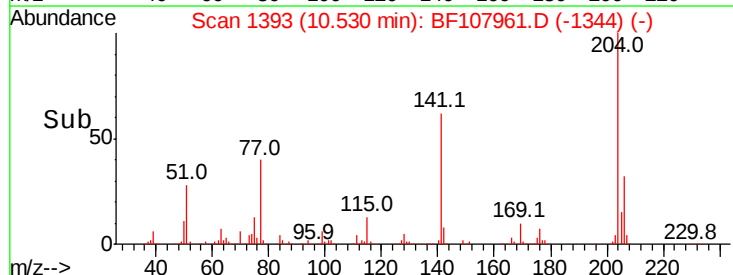
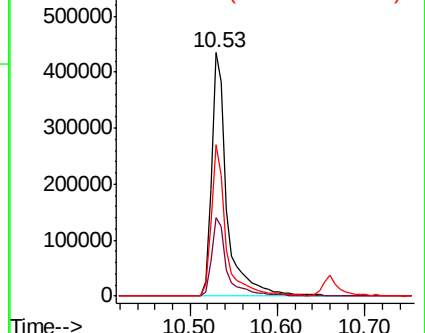
141 62.2 54.6 81.8

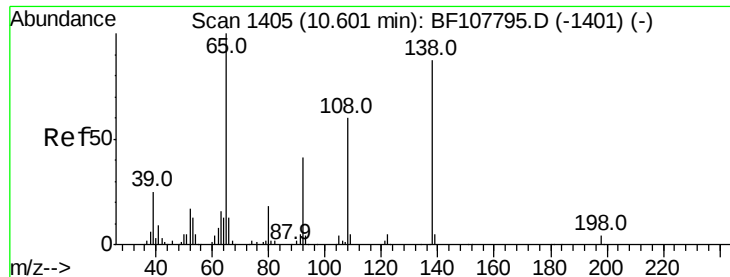


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

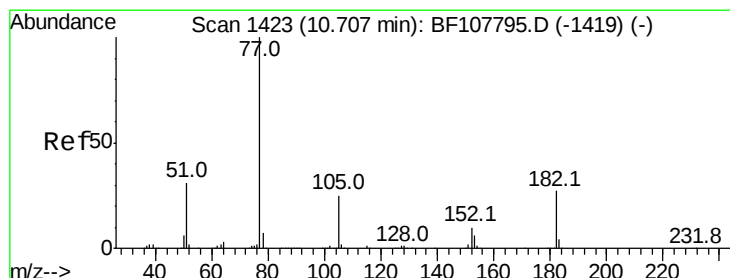
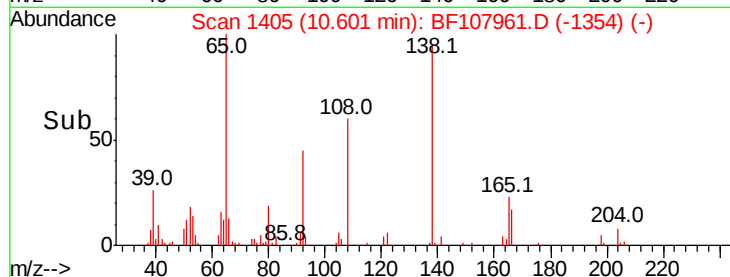
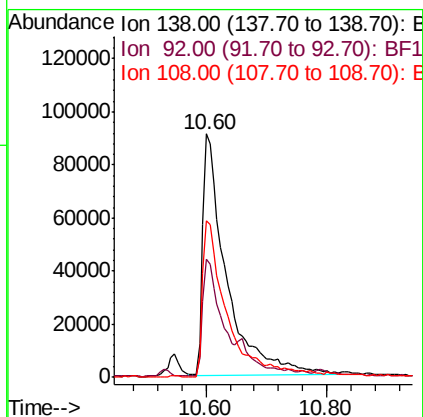
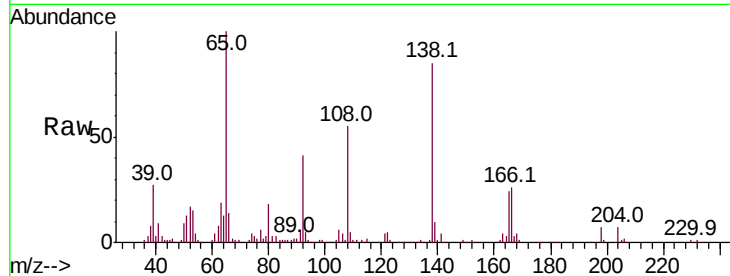




#61
4-Nitroaniline
Concen: 37.351 ng
RT: 10.60 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

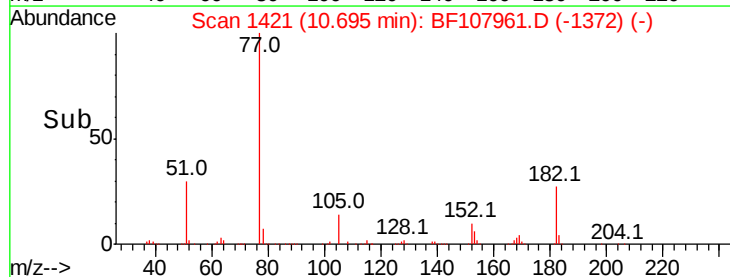
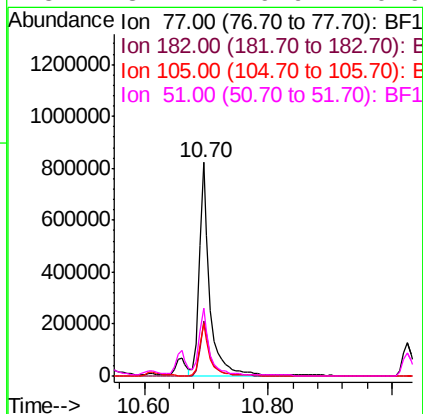
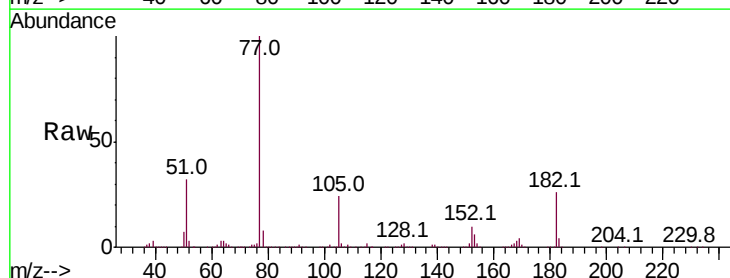
Instrument :
BNA_F
ClientSampleId :

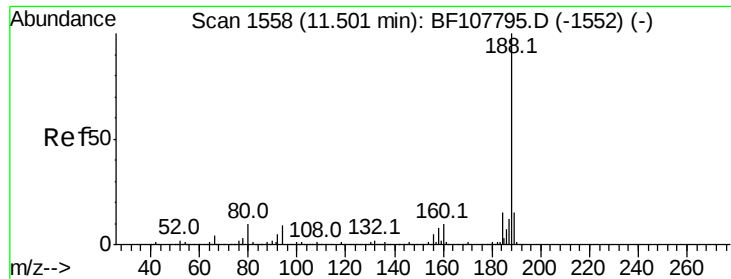
Tot Ion:138 Resp: 248550
Ion Ratio Lower Upper
138 100
92 48.3 30.2 70.2
108 64.2 52.5 92.5



#62
Azobenzene
Concen: 35.832 ng
RT: 10.70 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion: 77 Resp: 982454
Ion Ratio Lower Upper
77 100
182 25.9 1.7 41.7
105 24.4 3.0 43.0
51 31.7 9.9 49.9

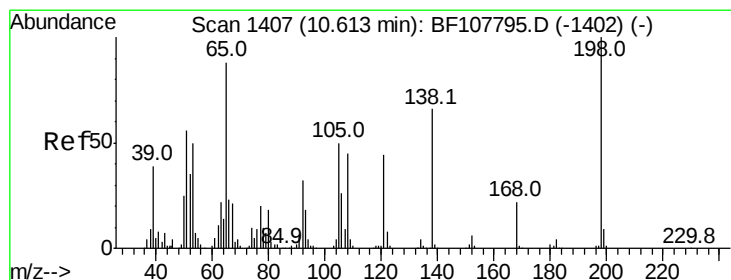
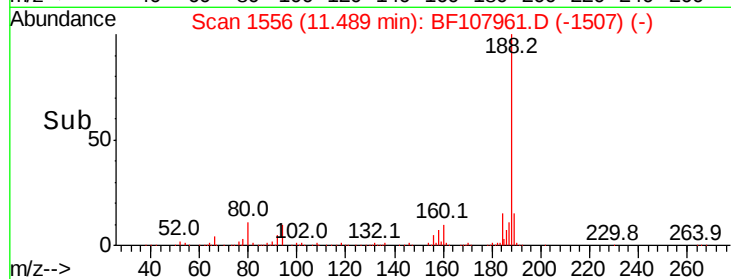
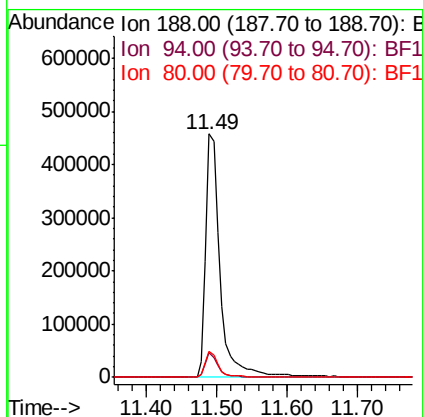
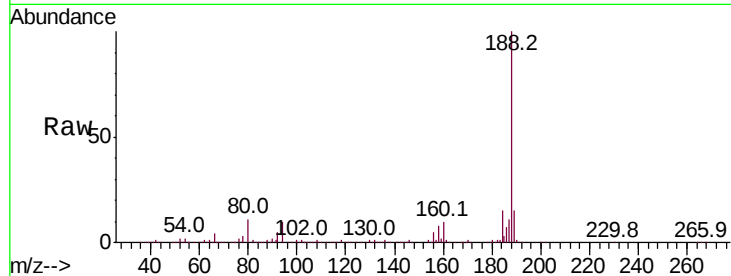




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

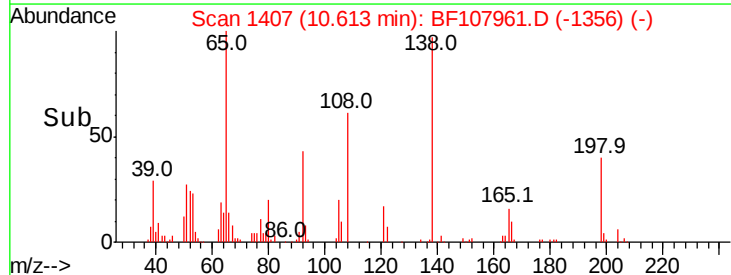
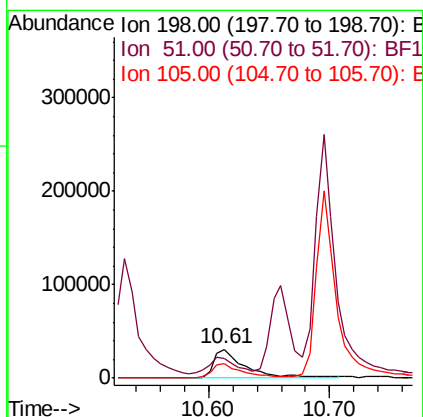
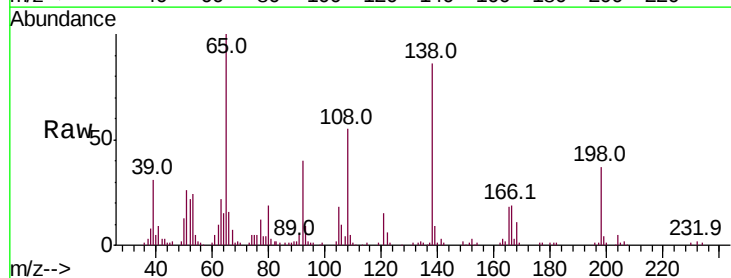
Instrument :
BNA_F
ClientSampleId :

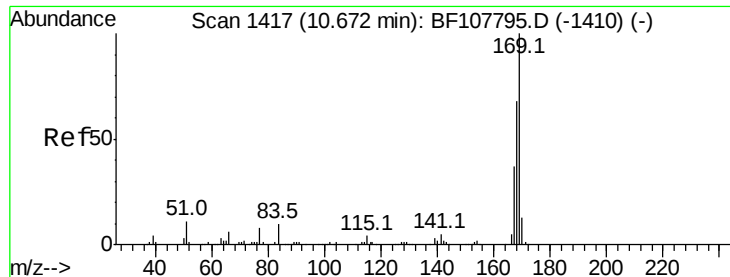
Tot Ion:188 Resp: 655217
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 15.728 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion:198 Resp: 56065
Ion Ratio Lower Upper
198 100
51 69.3 37.7 77.7
105 49.8 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 41.491 ng

RT: 10.66 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampleId :

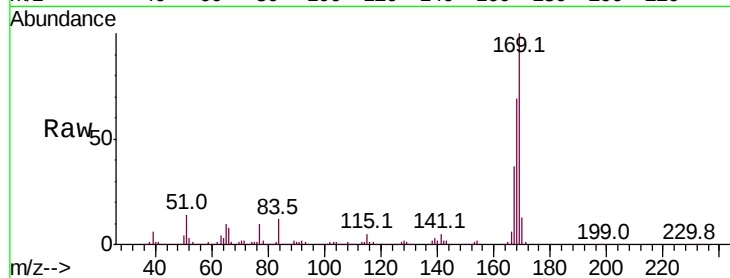
Tot Ion:169 Resp: 895147

Ion Ratio Lower Upper

169 100

168 68.9 54.4 81.6

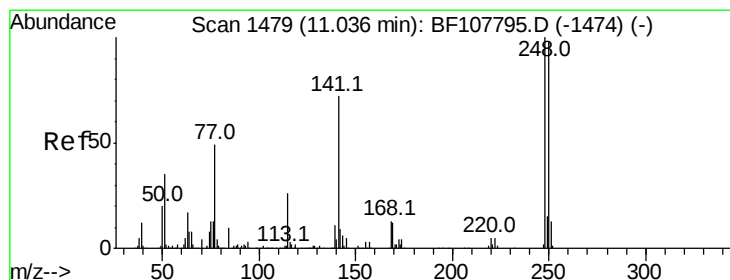
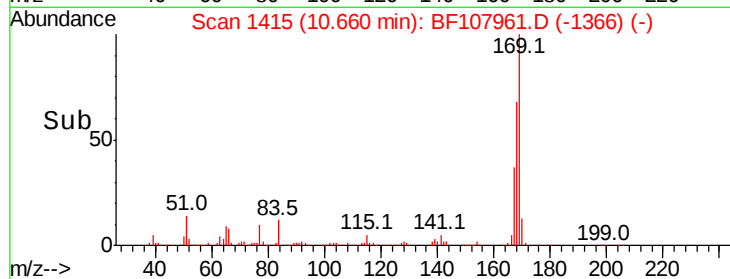
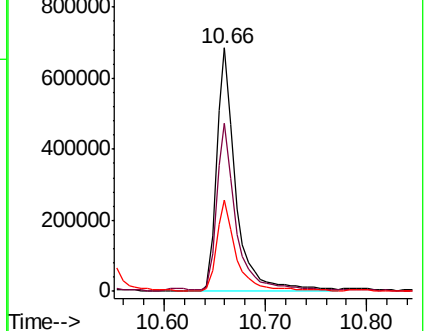
167 37.4 29.8 44.6



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: 42.358 ng

RT: 11.02 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

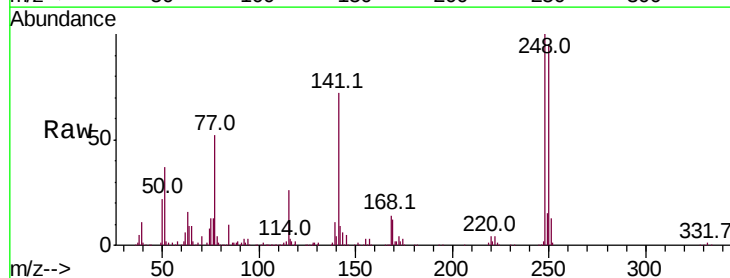
Tgt Ion:248 Resp: 323482

Ion Ratio Lower Upper

248 100

250 94.6 76.9 115.3

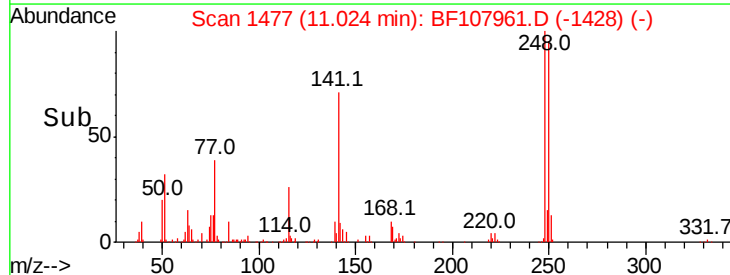
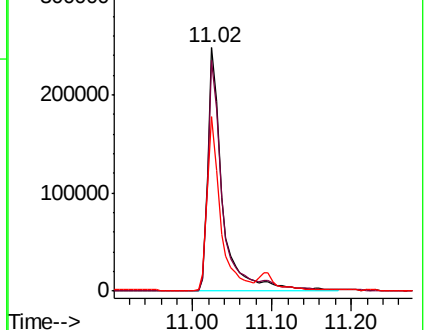
141 71.6 74.4 111.6#

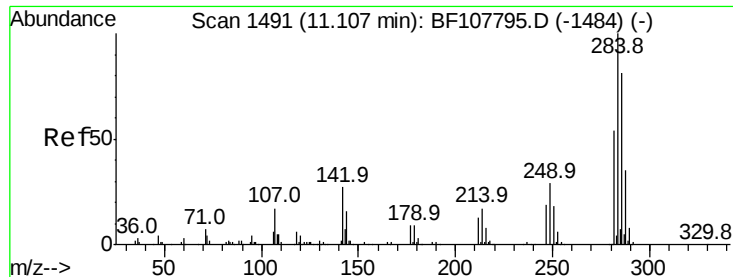


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

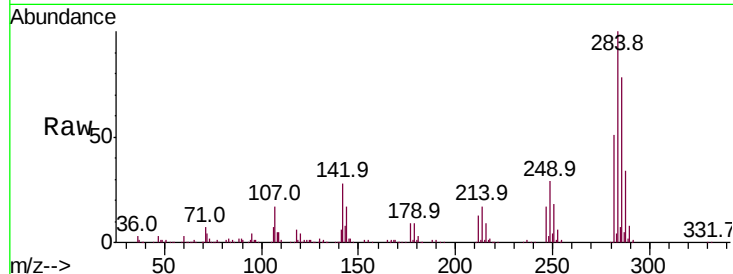




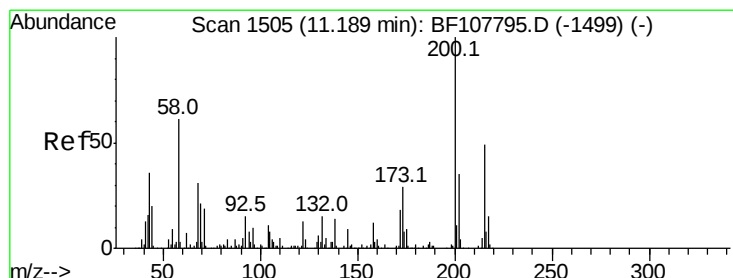
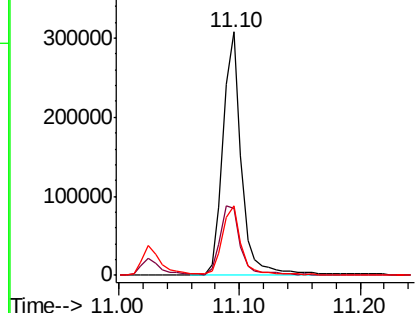
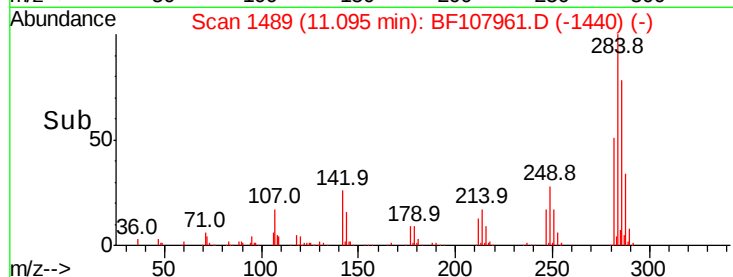
#67
Hexachlorobenzene
Concen: 38.558 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	27.6	34.6	52.0#
249	28.6	24.8	37.2

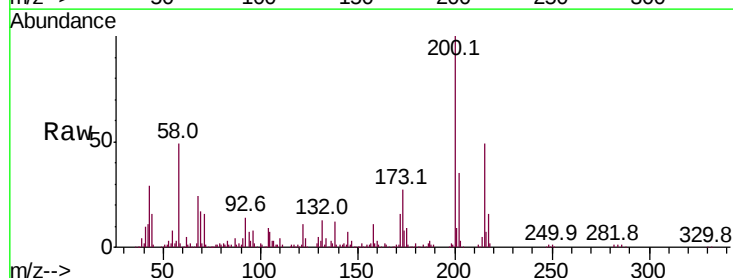


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

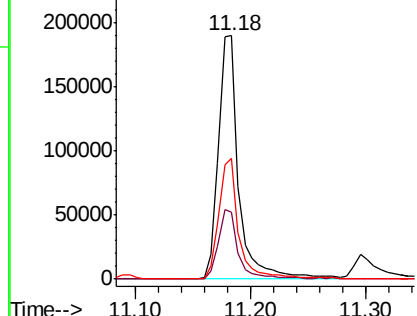
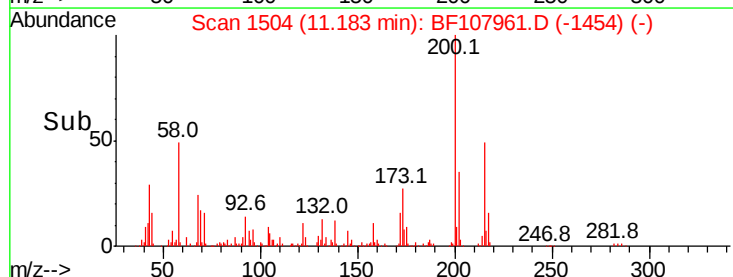


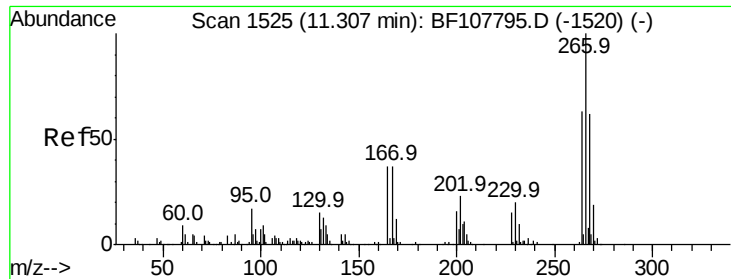
#68
Atrazine
Concen: 36.645 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.3	8.6	48.6
215	49.4	25.1	65.1



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

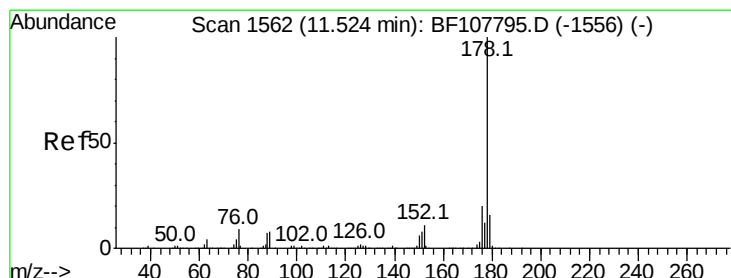
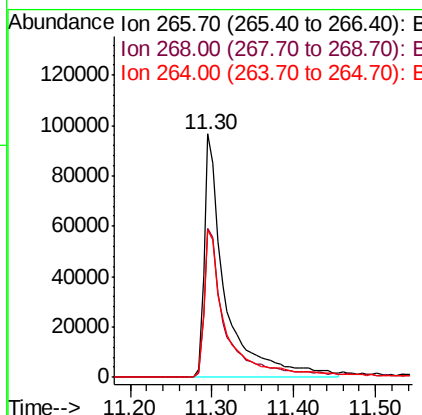
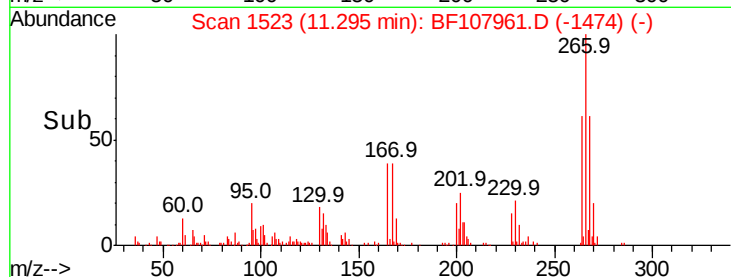
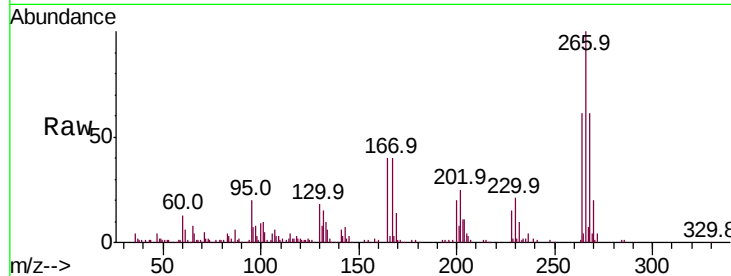




#69
 Pentachlorophenol
 Concen: 41.683 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

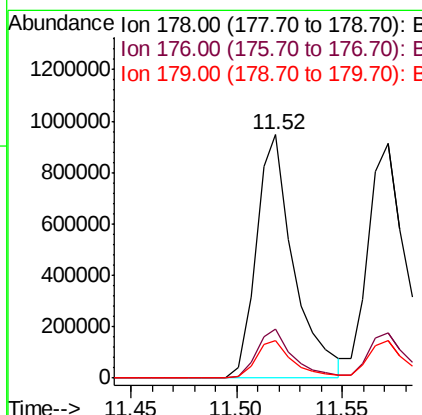
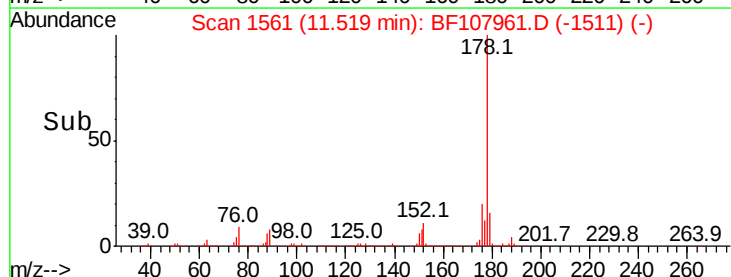
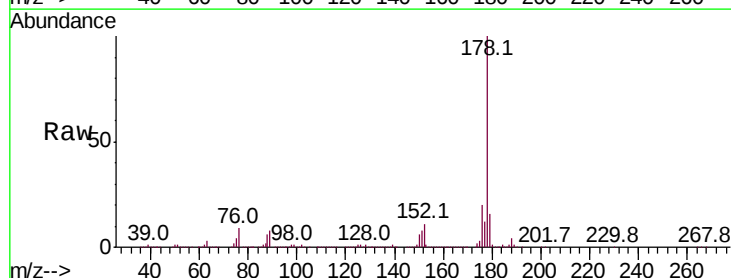
Instrument :
 BNA_F
 ClientSampleId :

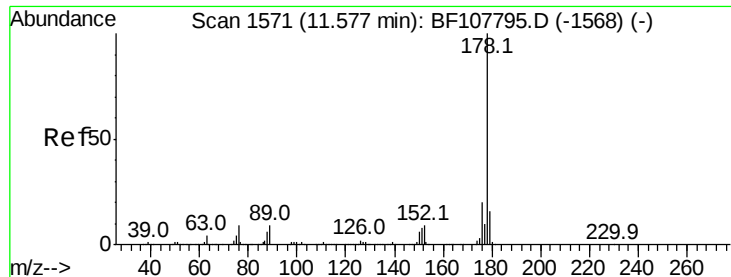
Tot Ion:266 Resp: 173772
 Ion Ratio Lower Upper
 266 100
 268 61.1 51.1 76.7
 264 60.6 49.5 74.3



#70
 Phenanthrene
 Concen: 37.573 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

Tgt Ion:178 Resp: 1168972
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.7 13.0 19.6

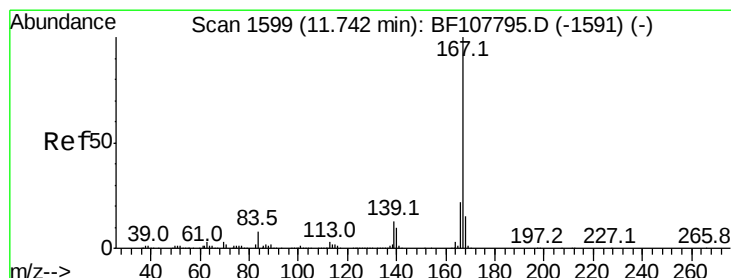
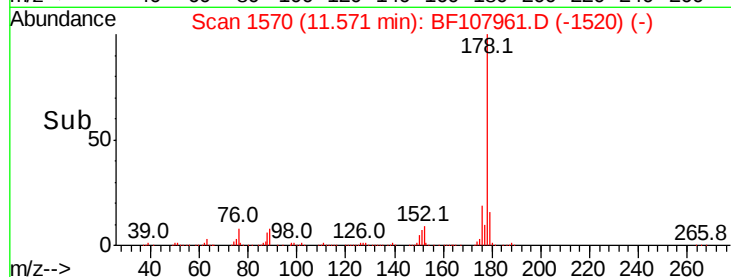
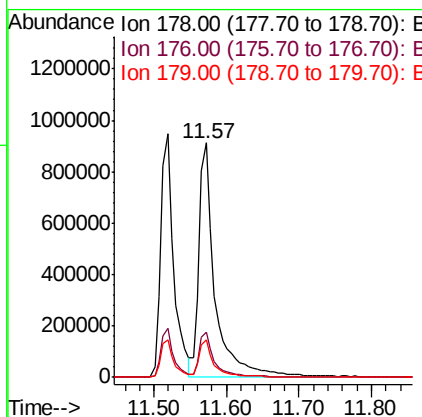
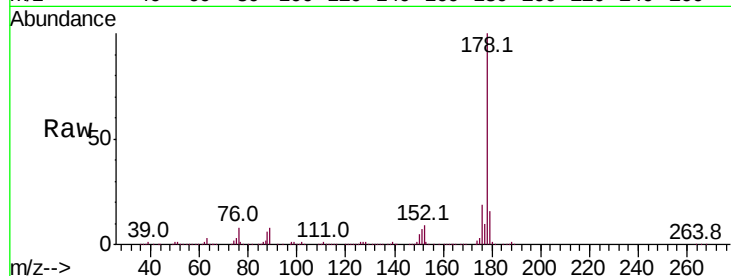




#71
 Anthracene
 Concen: 39.016 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

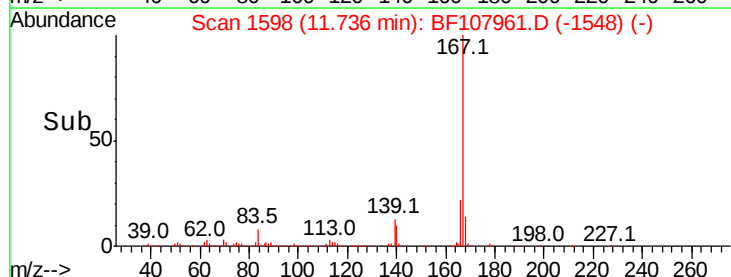
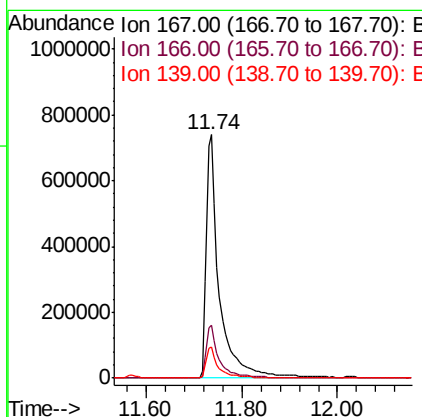
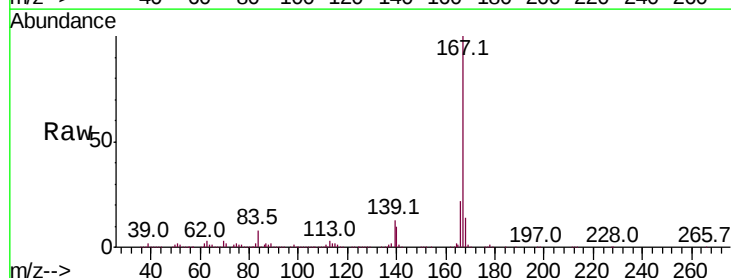
Instrument :
 BNA_F
 ClientSampleId :

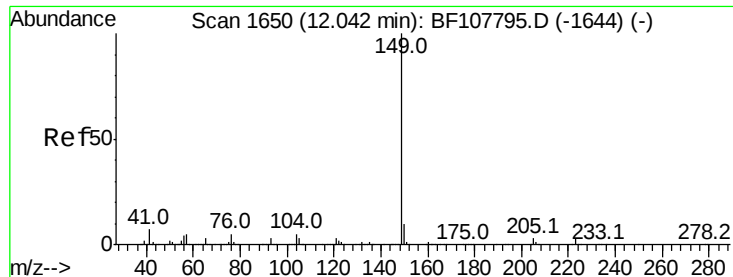
Tot Ion:178 Resp: 1400095
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 39.335 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

Tgt Ion:167 Resp: 1394917
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 12.6 10.9 16.3

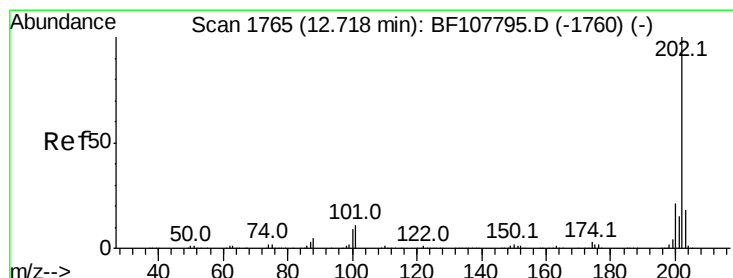
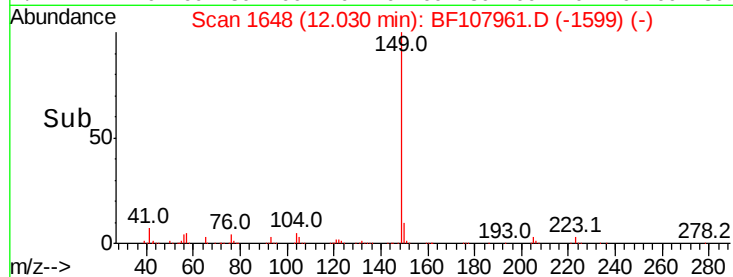
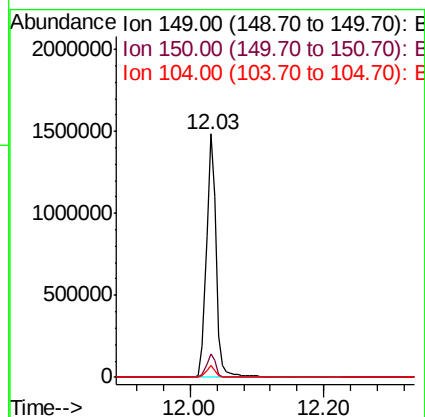
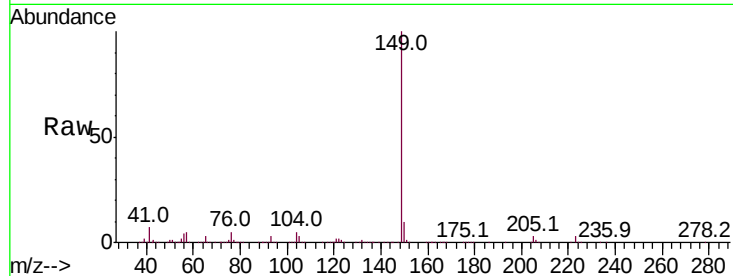




#73
Di-n-butylphthalate
Concen: 38.137 ng
RT: 12.03 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

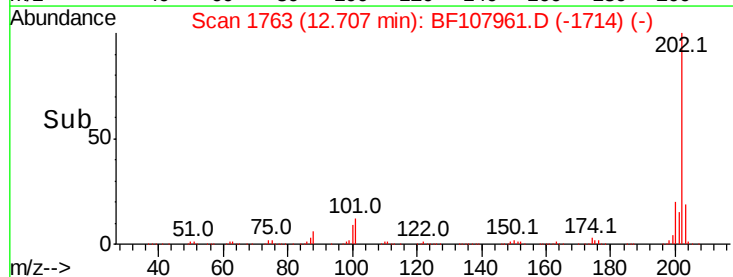
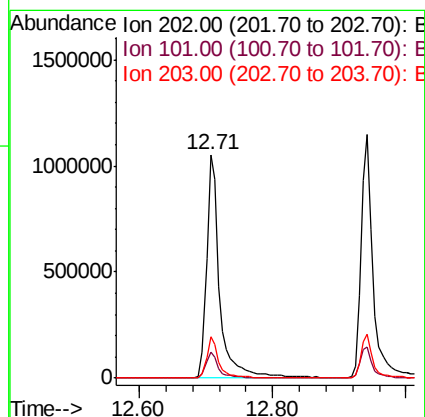
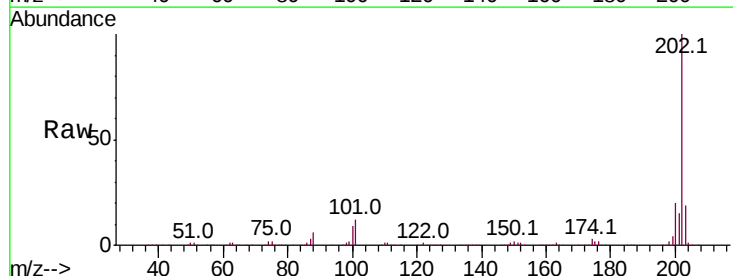
Instrument :
BNA_F
ClientSampleId :

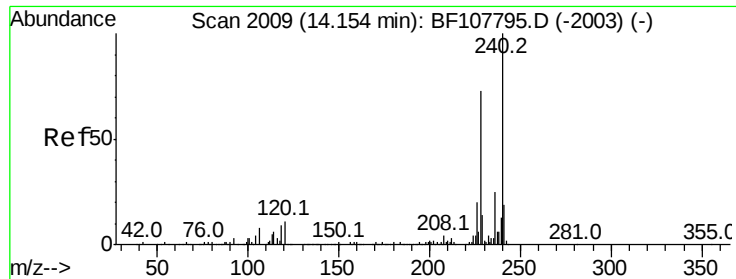
Tot Ion:149 Resp: 1475440
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.6
104 4.8 3.8 5.8



#74
Fluoranthene
Concen: 38.713 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion:202 Resp: 1414950
Ion Ratio Lower Upper
202 100
101 11.8 0.0 34.1
203 18.6 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: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampleId :

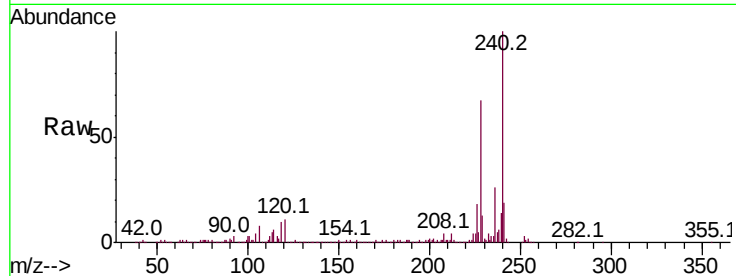
Tot Ion:240 Resp: 604328

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

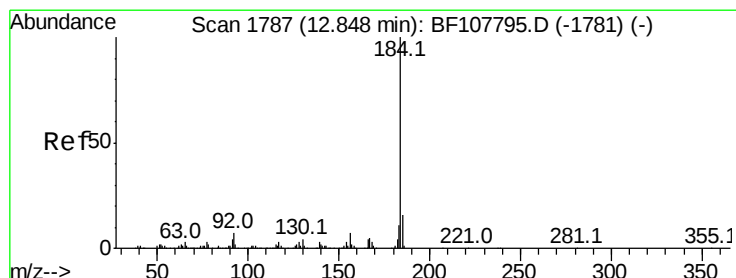
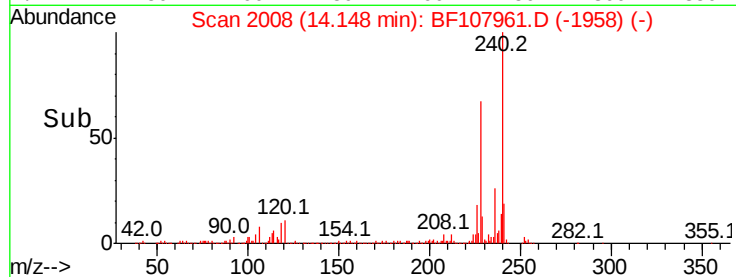
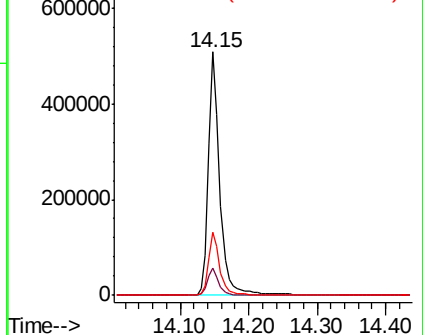
236 25.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.248 ng

RT: 12.85 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

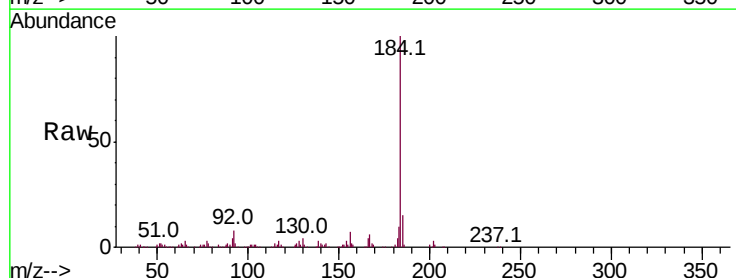
Tgt Ion:184 Resp: 512879

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

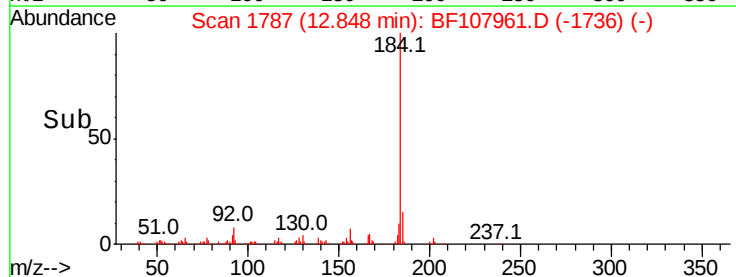
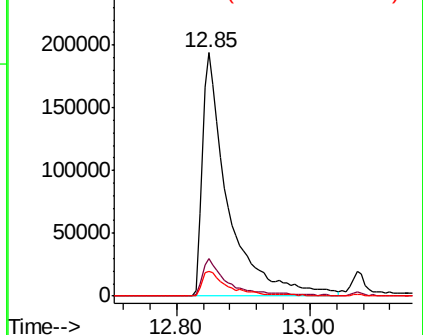
183 10.2 9.3 13.9

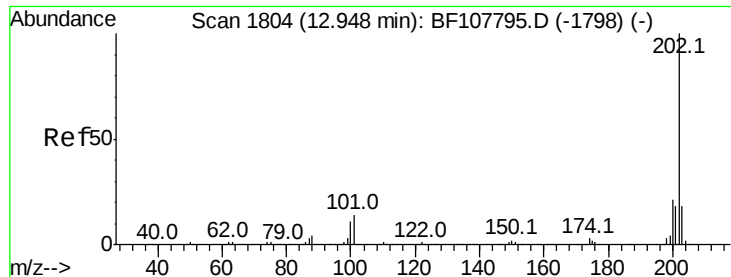


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 33.067 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampleId :

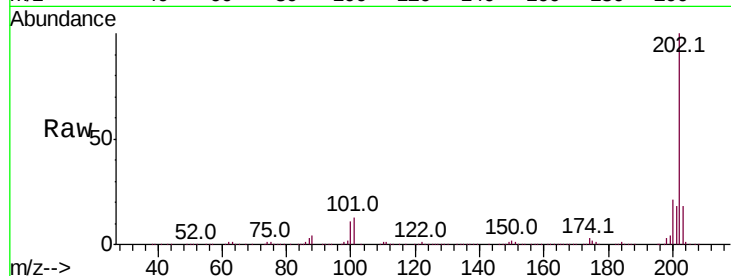
Tot Ion:202 Resp: 1438966

Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.2

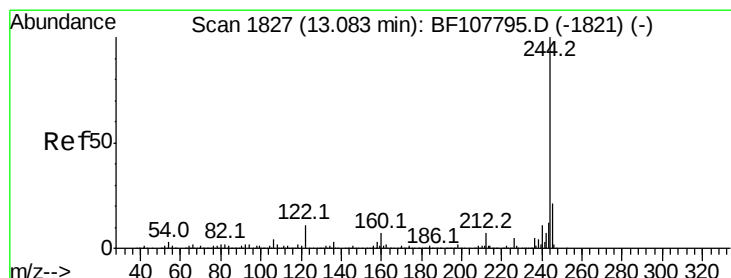
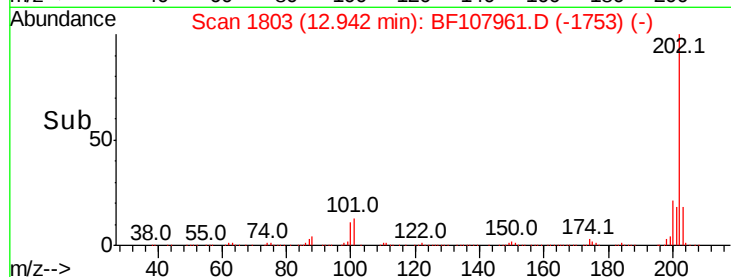
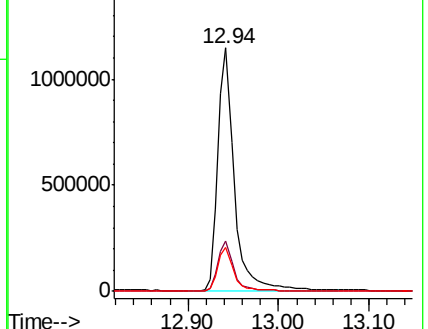
203 18.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 65.909 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

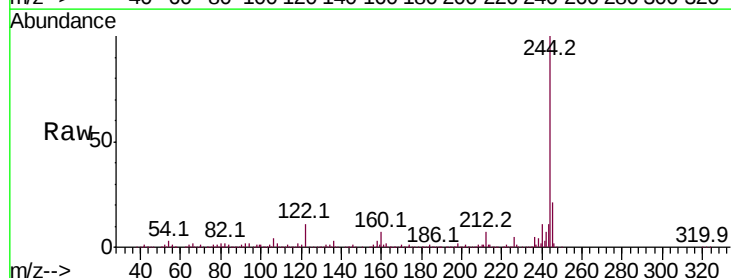
Tgt Ion:244 Resp: 1836839

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

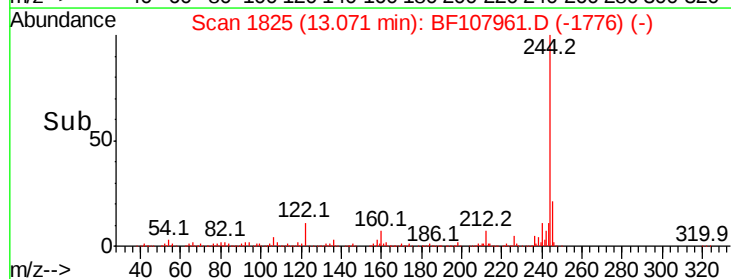
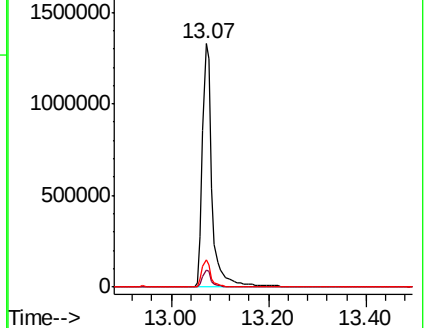
122 11.5 11.0 16.4

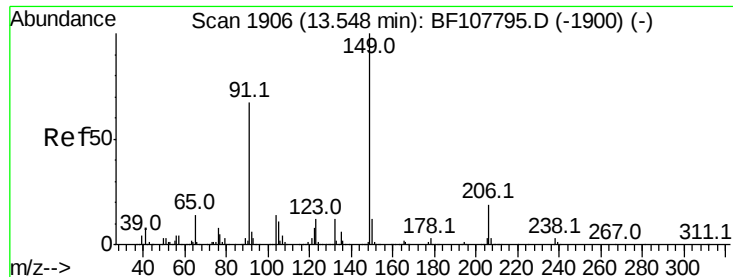


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

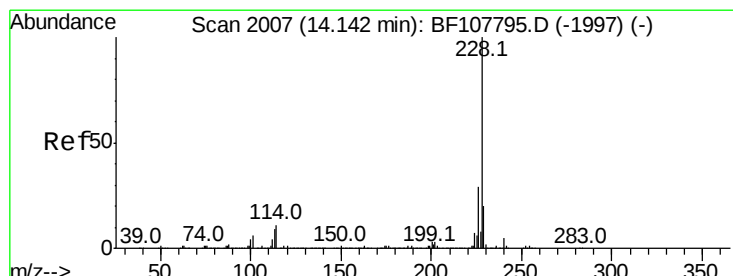
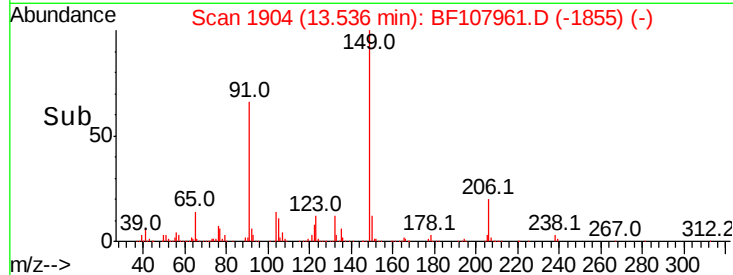
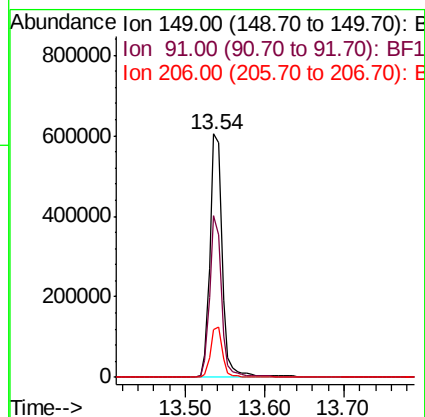
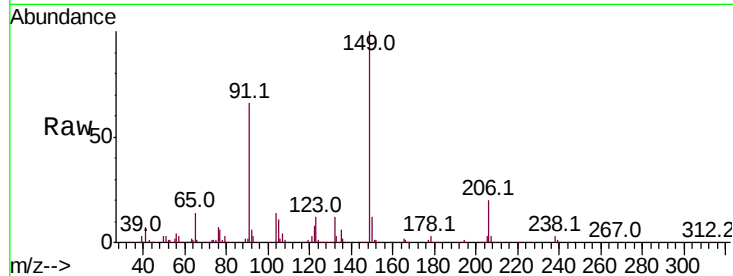




#79
Butylbenzylphthalate
Concen: 34.715 ng
RT: 13.54 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

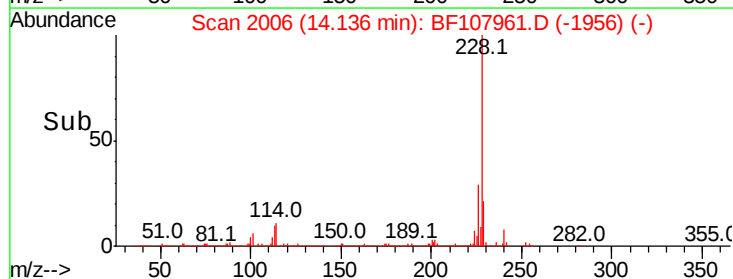
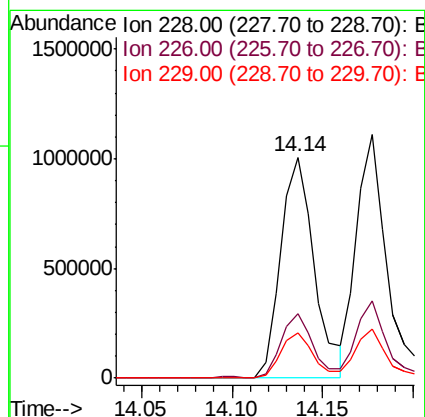
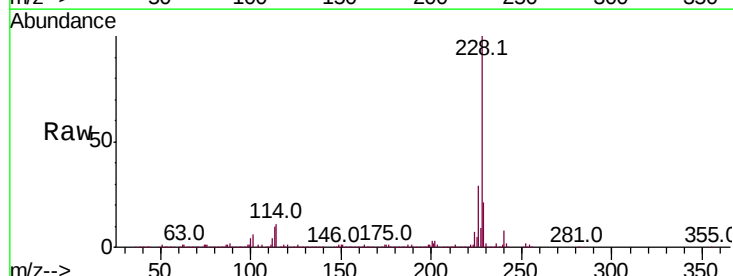
Instrument :
BNA_F
ClientSampleId :

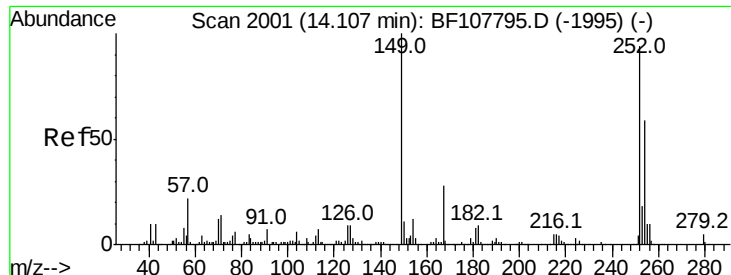
Tot Ion:149 Resp: 661553
Ion Ratio Lower Upper
149 100
91 66.4 56.8 85.2
206 19.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.121 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion:228 Resp: 1304994
Ion Ratio Lower Upper
228 100
226 29.3 22.6 33.8
229 20.5 15.8 23.6

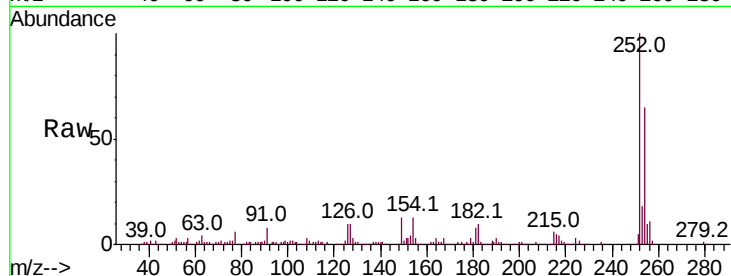




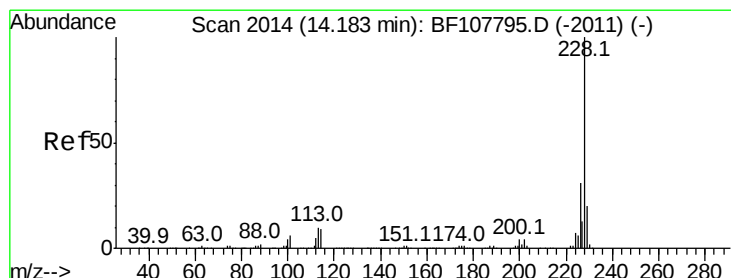
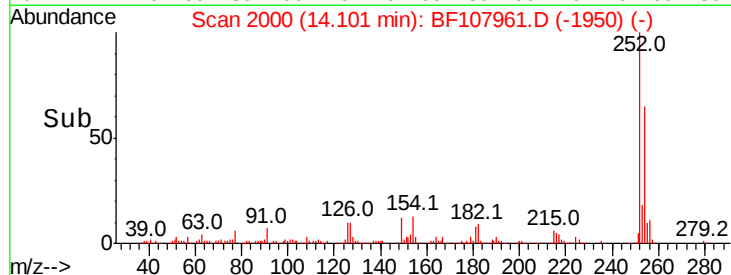
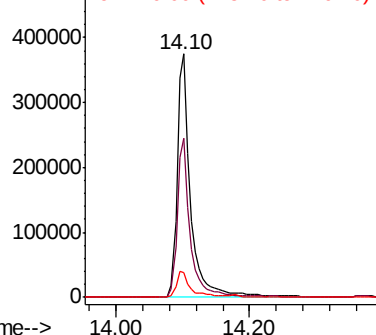
#81
 3,3'-Dichlorobenzidine
 Concen: 39.539 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 524693
 Ion Ratio Lower Upper
 252 100
 254 65.3 50.4 75.6
 126 10.1 11.3 16.9#

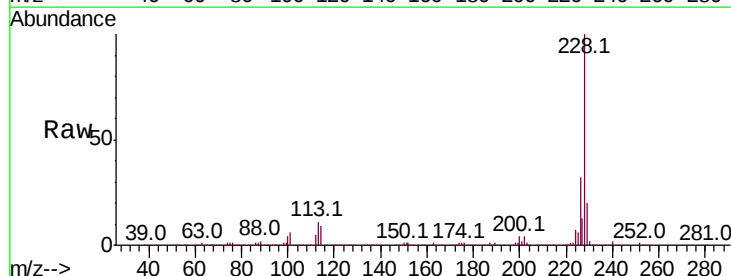


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

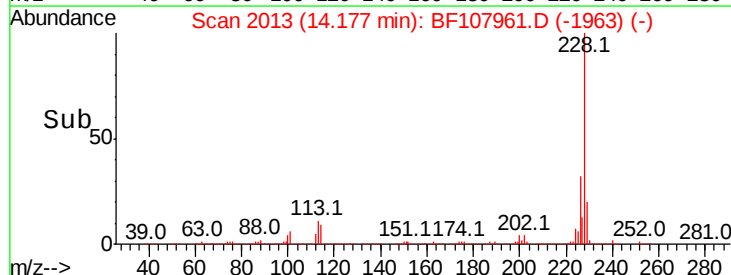
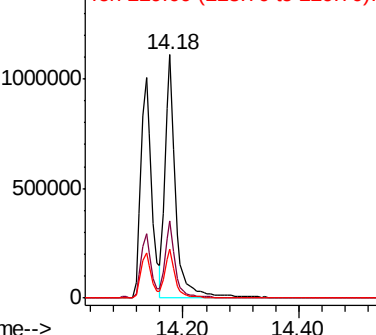


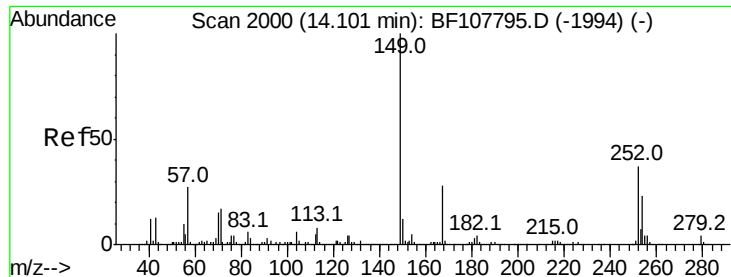
#82
 Chrysene
 Concen: 38.171 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

Tgt Ion:228 Resp: 1409398
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.0 37.6
 229 20.0 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: 35.195 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampleId :

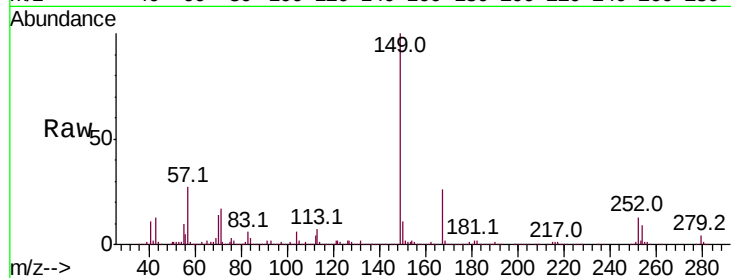
Tot Ion:149 Resp: 843155

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

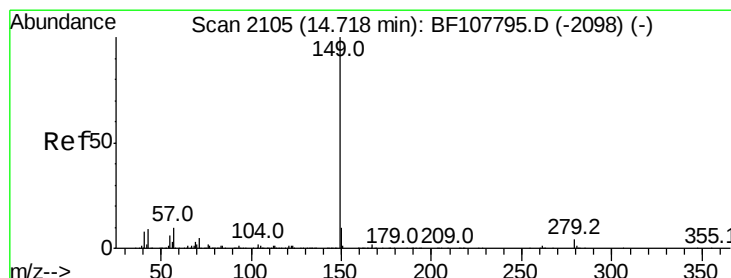
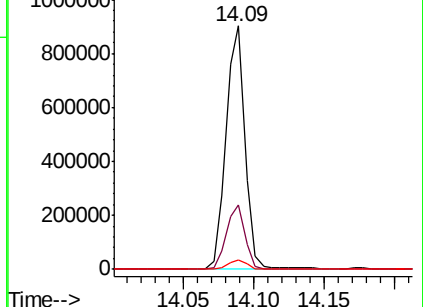
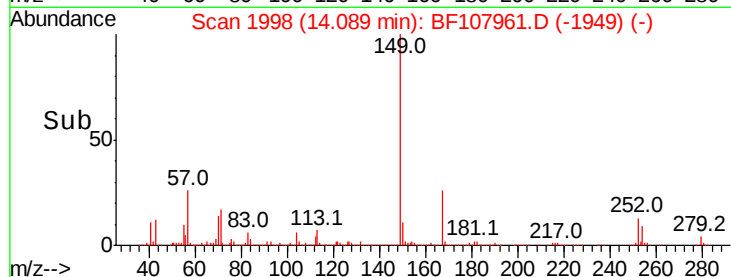
279 4.1 3.0 4.4



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: 41.006 ng

RT: 14.71 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

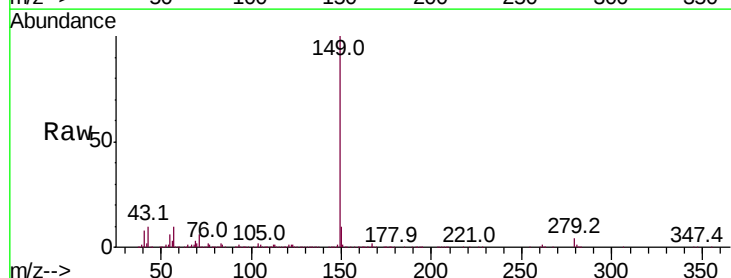
Tgt Ion:149 Resp: 1576815

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

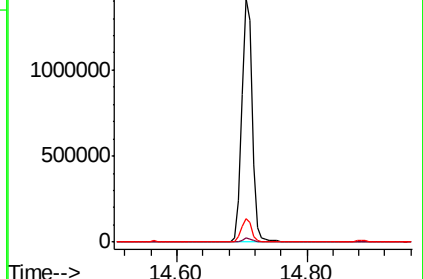
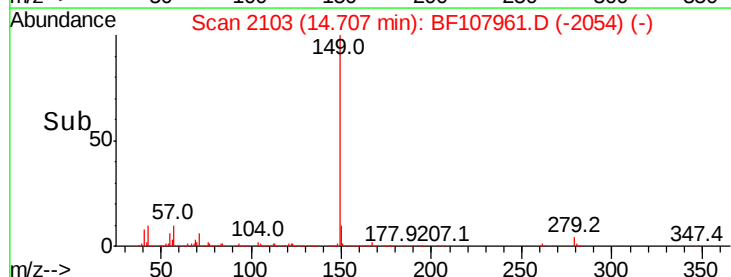
43 9.5 8.4 12.6

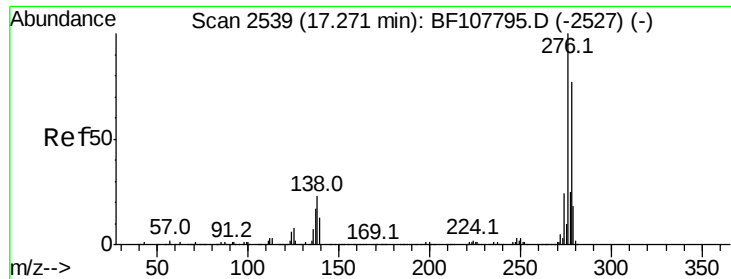


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

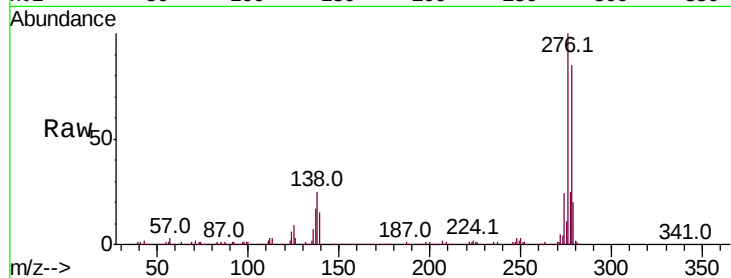




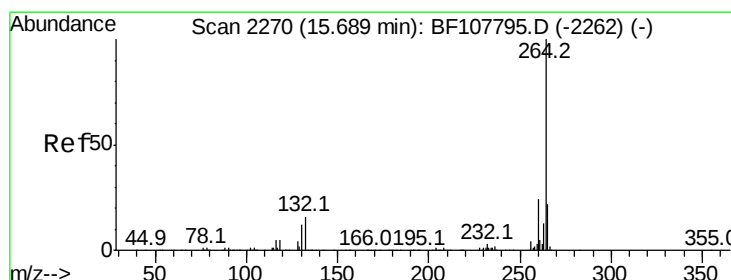
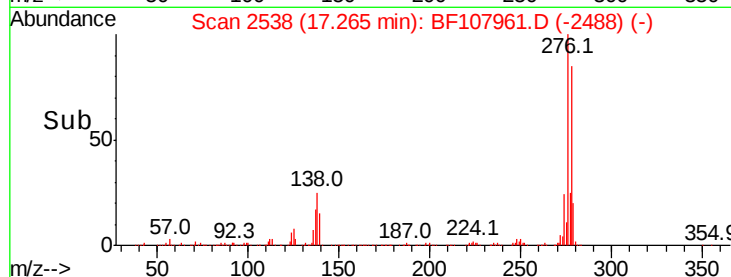
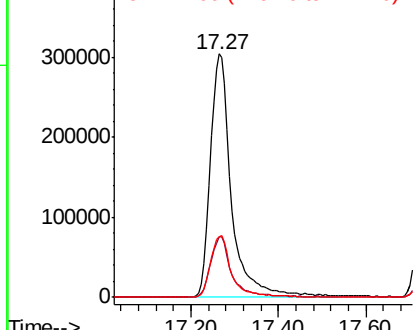
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.596 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 1027815
Ion Ratio Lower Upper
276 100
138 24.6 25.0 37.6#
277 25.1 20.1 30.1

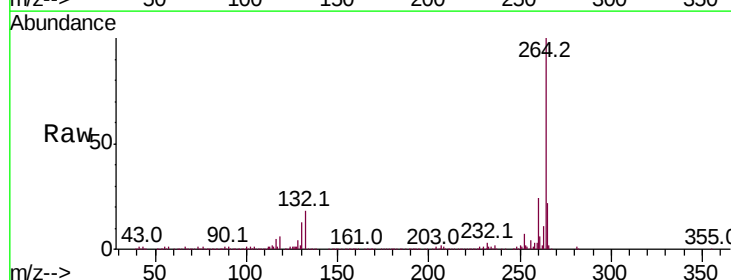


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

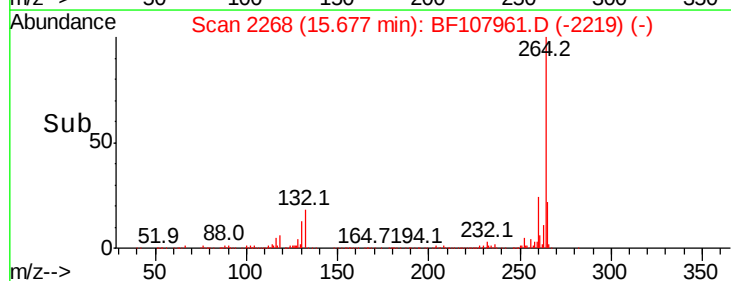
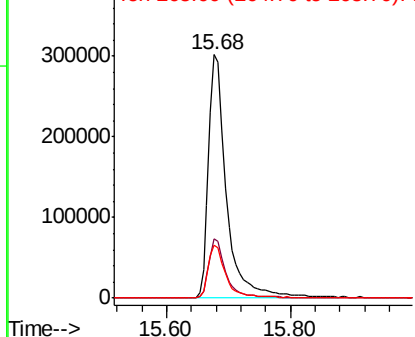


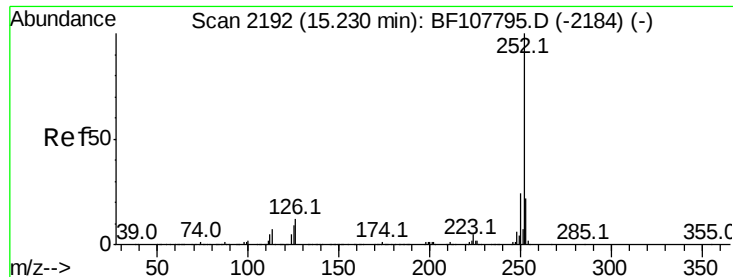
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion:264 Resp: 607727
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.7 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

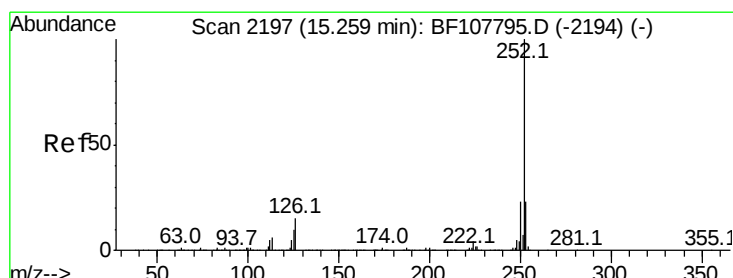
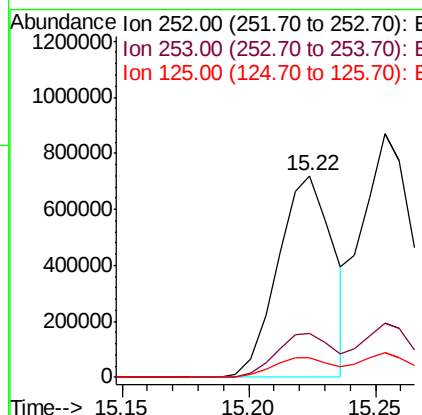
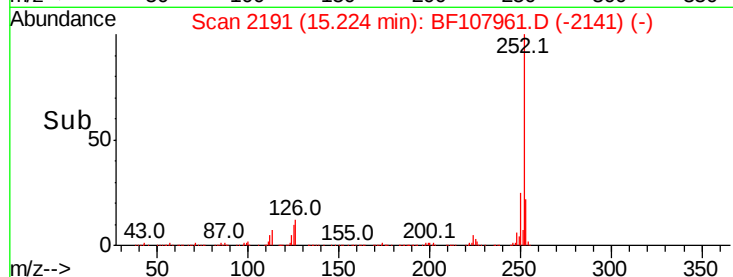
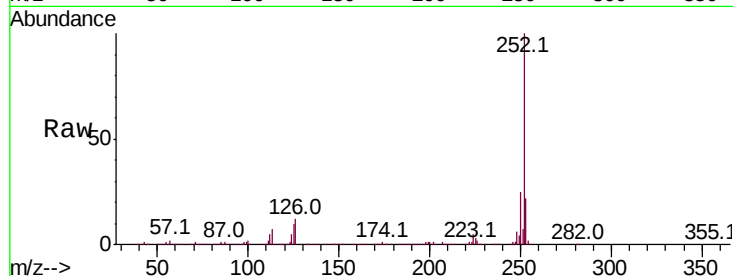




#87
Benzo(b)fluoranthene
Concen: 36.361 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

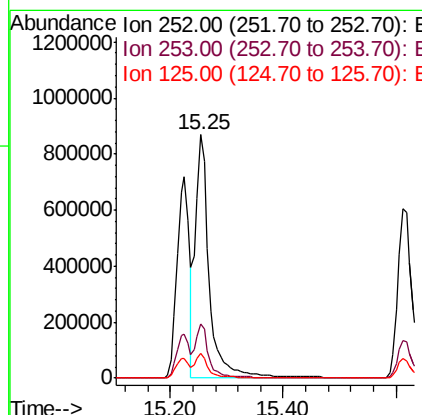
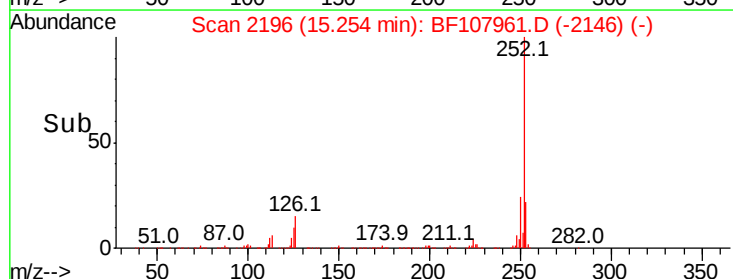
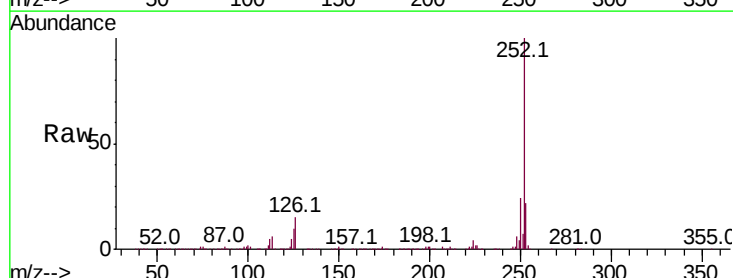
Instrument :
BNA_F
ClientSampled :

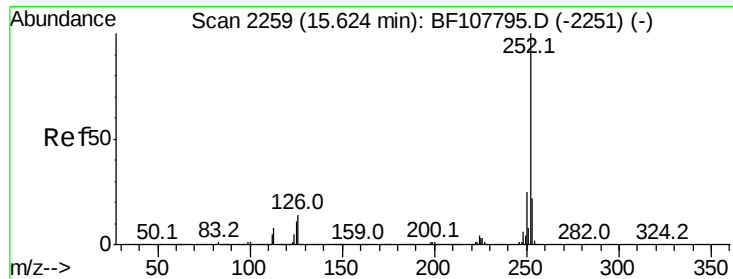
Tot Ion:252 Resp: 1089863
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 9.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.590 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion:252 Resp: 1456881
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 10.2 10.2 15.2

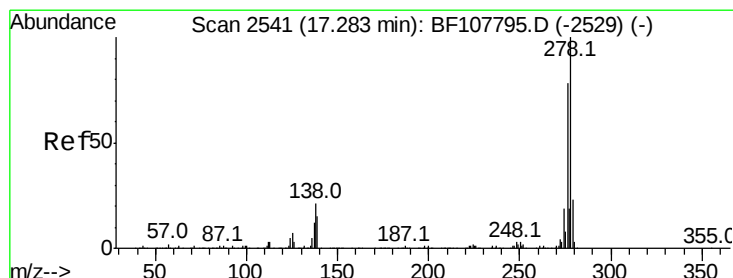
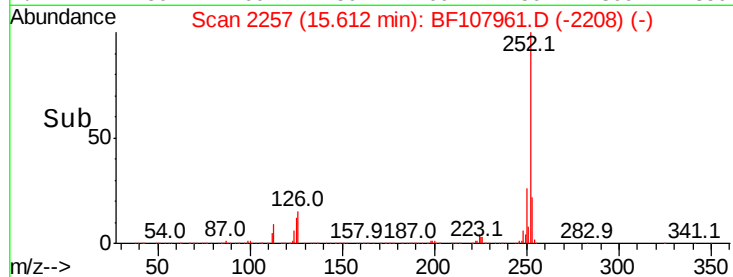
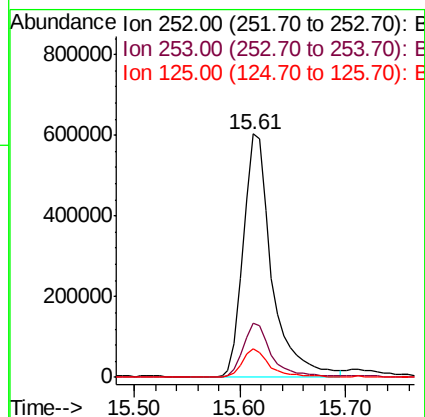
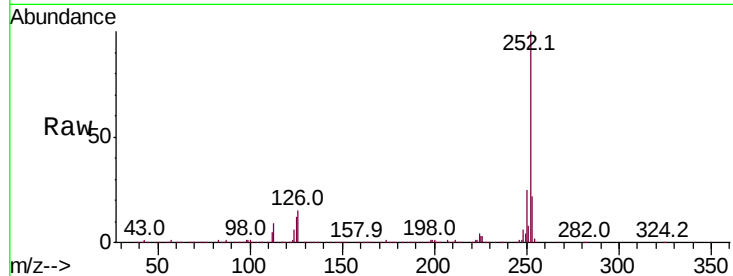




#89
Benzo(a)pyrene
Concen: 36.277 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

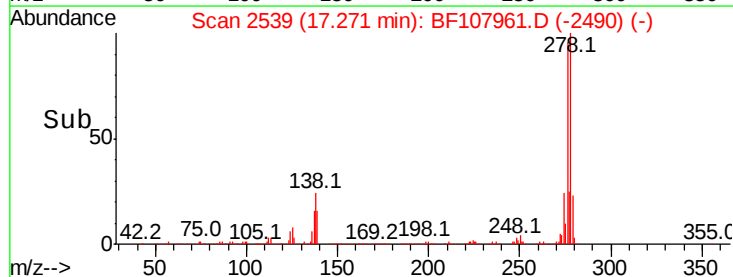
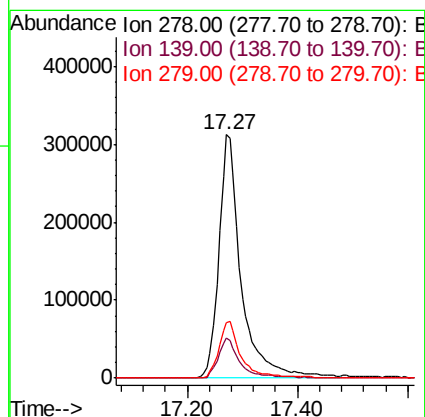
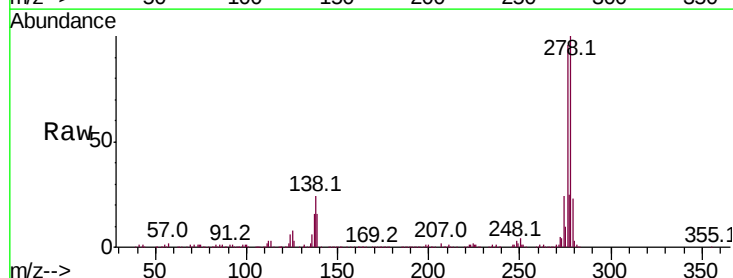
Instrument :
BNA_F
ClientSampleId :

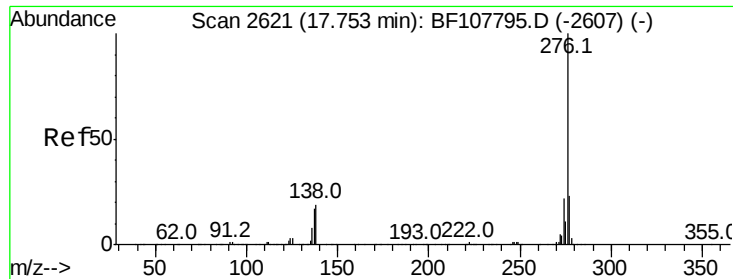
Tot Ion:252 Resp: 1122509
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 11.7 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 32.613 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion:278 Resp: 880256
Ion Ratio Lower Upper
278 100
139 16.3 15.9 23.9
279 23.0 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 30.346 ng
 RT: 17.74 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	21.5	21.8	32.8#

