

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
 Data File : BF107005.D
 Acq On : 30 Jun 2018 10:59
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 02 04:03:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	68439	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	276910	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	145340	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	302100	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	268773	20.00	ng	-0.02
86) Perylene-d12	15.69	264	236316	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	333674	82.56	ng	0.00
7) Phenol-d6	6.60	99	406745	80.59	ng	-0.01
23) Nitrobenzene-d5	7.52	82	385635	77.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	146937	87.23	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	725619	84.40	ng	-0.01
78) Terphenyl-d14	13.07	244	928914	83.72	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.81	88	77748	37.417	ng	98
3) Pyridine	3.60	79	216990	38.505	ng	99
4) n-Nitrosodimethylamine	3.57	42	85628	35.775	ng	85
6) Aniline	6.62	93	268921	39.278	ng	98
8) 2-Chlorophenol	6.75	128	182775	41.230	ng	97
9) Benzaldehyde	6.51	77	125740	35.658	ng	98
10) Phenol	6.61	94	222978	38.710	ng	75
11) bis(2-Chloroethyl)ether	6.69	93	182632	38.406	ng	98
12) 1,3-Dichlorobenzene	6.90	146	215227	41.453	ng	99
13) 1,4-Dichlorobenzene	6.97	146	217575	41.449	ng	97
14) 1,2-Dichlorobenzene	7.12	146	202561	42.107	ng	98
15) Benzyl Alcohol	7.10	79	156297	38.565	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	220436	35.331	ng	# 2
17) 2-Methylphenol	7.21	107	160804	42.388	ng	# 94
18) Hexachloroethane	7.46	117	73319	39.719	ng	90
19) n-Nitroso-di-n-propylamine	7.37	70	126773	38.104	ng	95
20) 3+4-Methylphenols	7.37	107	185674	45.473	ng	# 66
22) Acetophenone	7.37	105	254606	41.097	ng	# 95
24) Nitrobenzene	7.54	77	191601	37.663	ng	99
25) Isophorone	7.78	82	326511	37.187	ng	100
26) 2-Nitrophenol	7.85	139	100965	42.042	ng	98
27) 2,4-Dimethylphenol	7.89	122	145800	39.279	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	224932	38.154	ng	98
29) 2,4-Dichlorophenol	8.10	162	164158	42.242	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	189657	44.302	ng	98
31) Naphthalene	8.26	128	527720	40.762	ng	99
32) Benzoic acid	8.02	122	70822	28.830	ng	96
33) 4-Chloroaniline	8.31	127	222490	40.957	ng	98
34) Hexachlorobutadiene	8.37	225	125551	45.009	ng	99
35) Caprolactam	8.70	113	52283	41.273	ng	94
36) 4-Chloro-3-methylphenol	8.80	107	168936	41.301	ng	96
37) 2-Methylnaphthalene	8.95	142	378812	44.145	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	206760	42.243	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	115644	45.922	ng	98

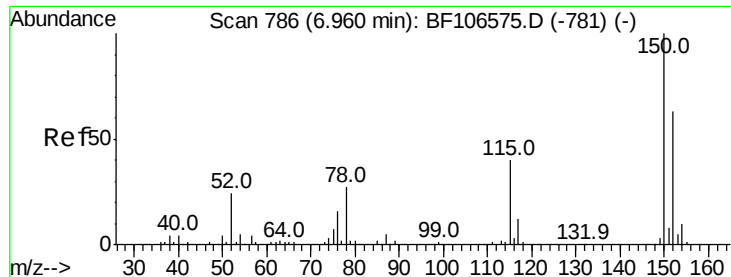
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	117424	36.091	nq	91
43) 2,4,5-Trichlorophenol	9.24	196	117424	34.588	nq	88
45) 1,1'-Biphenyl	9.41	154	476510	41.139	nq	98
46) 2-Chloronaphthalene	9.44	162	346041	37.954	nq	95
47) 2-Nitroaniline	9.55	65	109643	35.762	nq	97
48) Acenaphthylene	9.86	152	553316	38.439	nq	98
49) Dimethylphthalate	9.71	163	413685	37.950	nq	# 98
50) 2,6-Dinitrotoluene	9.78	165	96148	41.654	nq	89
51) Acenaphthene	10.03	154	348657	38.464	nq	97
52) 3-Nitroaniline	9.96	138	104627	39.390	nq	99
53) 2,4-Dinitrophenol	10.07	184	50551	44.656	nq	# 15
54) Dibenzofuran	10.20	168	512492	41.290	nq	97
55) 4-Nitrophenol	10.14	139	66545	35.892	nq	98
56) 2,4-Dinitrotoluene	10.19	165	127223	42.226	nq	91
57) Fluorene	10.55	166	416233	42.260	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	106378	39.418	nq	# 77
59) Diethylphthalate	10.41	149	397148	37.748	nq	# 94
60) 4-Chlorophenyl-phenylether	10.53	204	218984	42.493	nq	# 88
61) 4-Nitroaniline	10.58	138	106602	40.439	nq	99
62) Azobenzene	10.70	77	361581	34.900	nq	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	76036	40.717	nq	# 66
65) n-Nitrosodiphenylamine	10.65	169	374454	36.851	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	148029	41.058	nq	# 82
67) Hexachlorobenzene	11.10	284	160860	42.628	nq	# 84
68) Atrazine	11.18	200	129420	40.065	nq	93
69) Pentachlorophenol	11.30	266	65254	34.657	nq	98
70) Phenanthrene	11.52	178	614190	42.152	nq	98
71) Anthracene	11.57	178	624770	42.008	nq	100
72) Carbazole	11.72	167	570784	40.992	nq	98
73) Di-n-butylphthalate	12.04	149	619163	37.744	nq	99
74) Fluoranthene	12.71	202	689790	42.951	nq	96
76) Benzidine	12.83	184	293003	38.278	nq	99
77) Pyrene	12.94	202	711963	40.170	nq	100
79) Butylbenzylphthalate	13.54	149	260965	35.812	nq	# 92
80) Benzo(a)anthracene	14.14	228	642891	39.246	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	215906	37.502	nq	# 94
82) Chrysene	14.18	228	597394	39.640	nq	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	315127	33.825	nq	# 96
84) Di-n-octyl phthalate	14.72	149	549467	36.182	nq	95
85) Indeno(1,2,3-cd)pyrene	17.27	276	524380	41.002	nq	# 89
87) Benzo(b)fluoranthene	15.23	252	588174	40.067	nq	# 95
88) Benzo(k)fluoranthene	15.27	252	522471	37.374	nq	# 95
89) Benzo(a)pyrene	15.62	252	513307	39.334	nq	# 96
90) Dibenzo(a,h)anthracene	17.28	278	437484	39.556	nq	# 93
91) Benzo(g,h,i)perylene	17.75	276	432554	40.014	nq	# 89

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

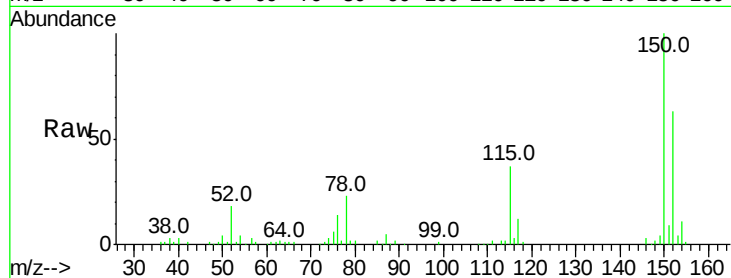


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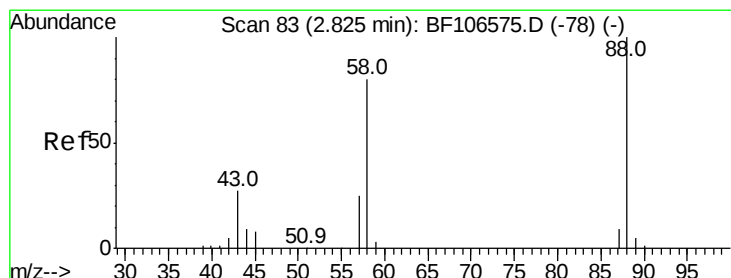
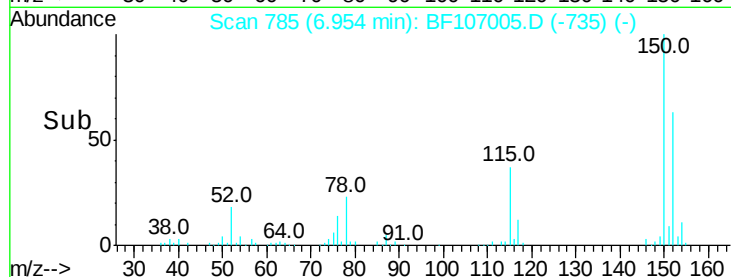
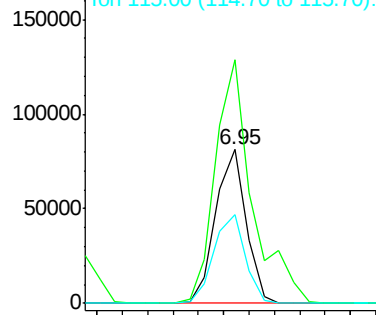
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107005.D
Acq: 30 Jun 2018 10:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 68439
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 57.8 50.1 75.1



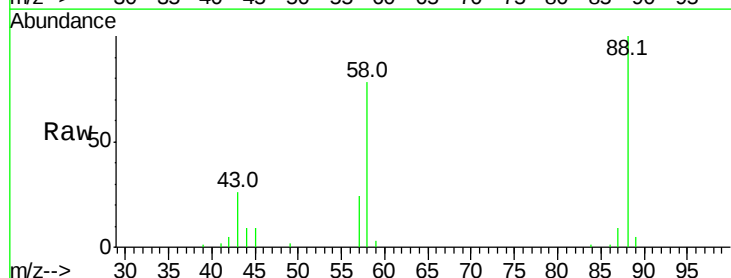
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



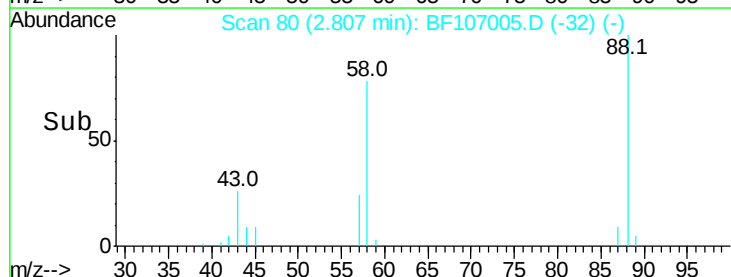
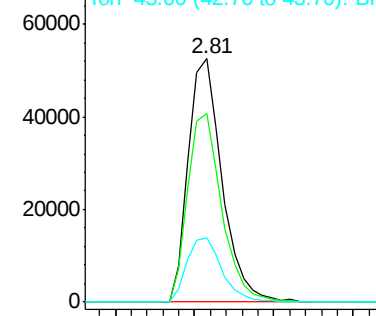
#2

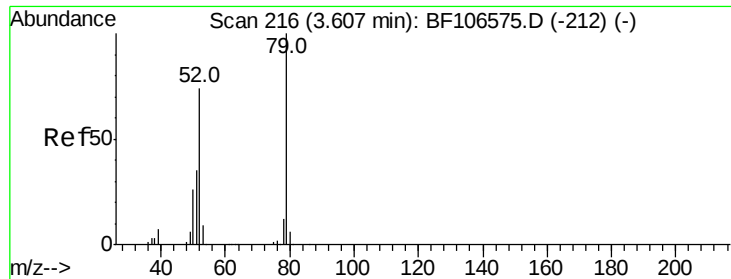
1,4-Dioxane
Concen: 37.417 ng
RT: 2.81 min Scan# 80
Delta R.T. -0.02 min
Lab File: BF107005.D
Acq: 30 Jun 2018 10:59

Tgt Ion: 88 Resp: 77748
Ion Ratio Lower Upper
88 100
58 78.2 62.6 93.8
43 27.3 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: 38.505 ng

RT: 3.60 min Scan# 214

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_F

ClientSampled :

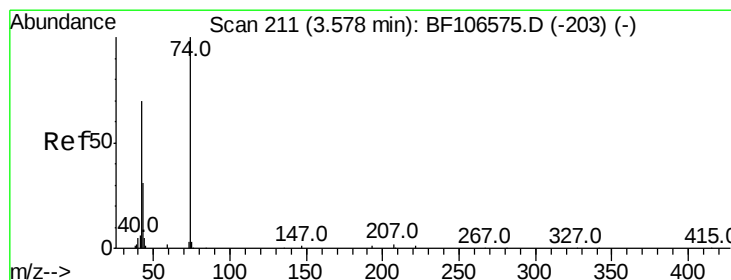
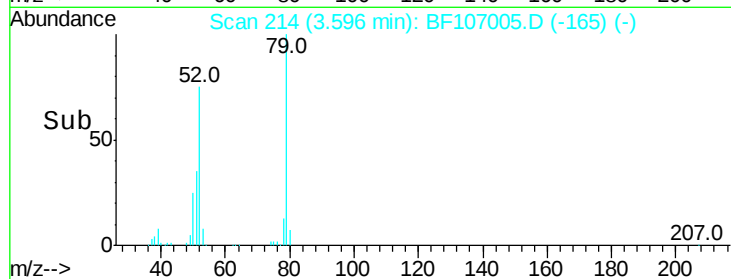
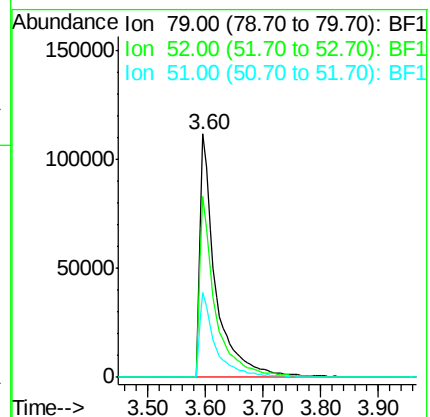
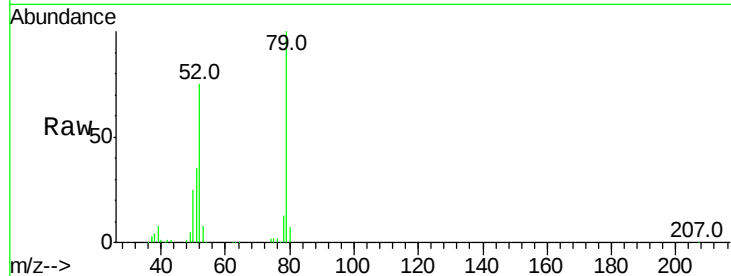
Tot Ion: 79 Resp: 216990

Ion Ratio Lower Upper

79 100

52 74.5 59.8 89.6

51 35.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 35.775 ng

RT: 3.57 min Scan# 209

Delta R.T. -0.02 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

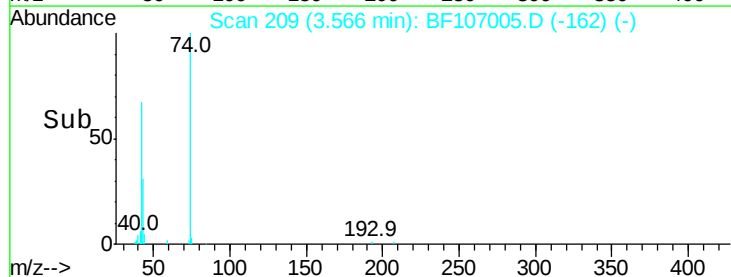
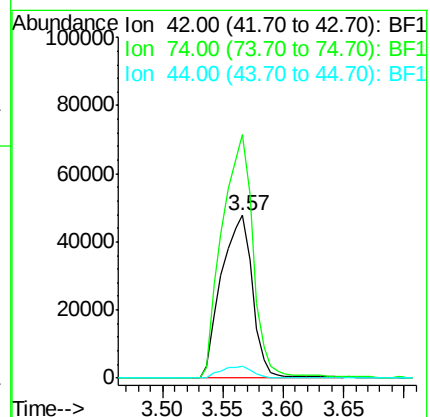
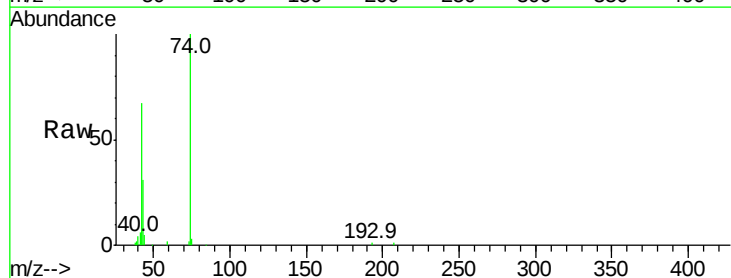
Tgt Ion: 42 Resp: 85628

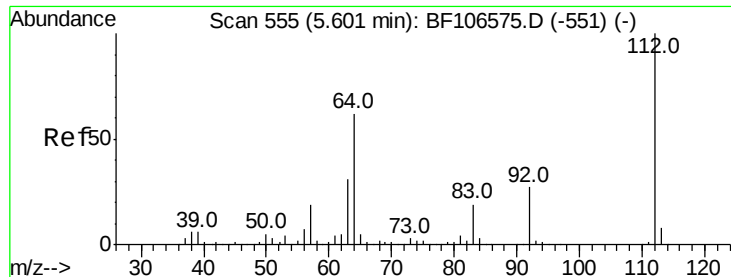
Ion Ratio Lower Upper

42 100

74 149.7 104.9 157.3

44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 82.558 ng

RT: 5.60 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_F

ClientSampleId :

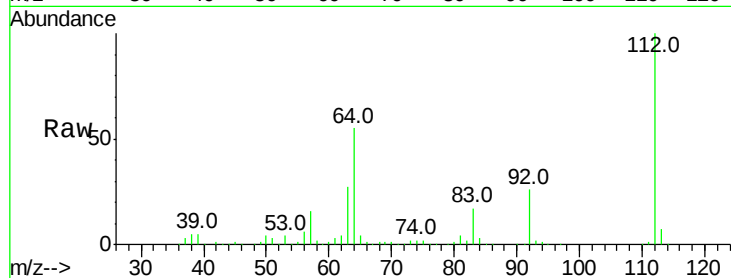
Tot Ion:112 Resp: 333674

Ion Ratio Lower Upper

112 100

64 55.1 47.9 71.9

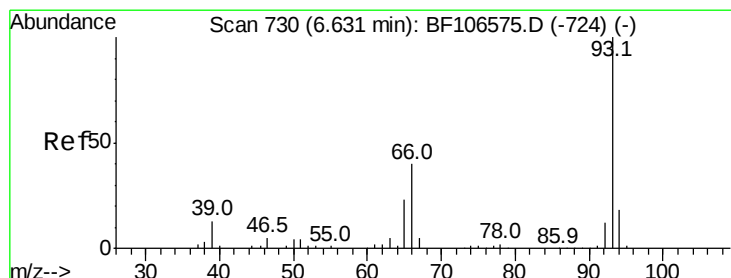
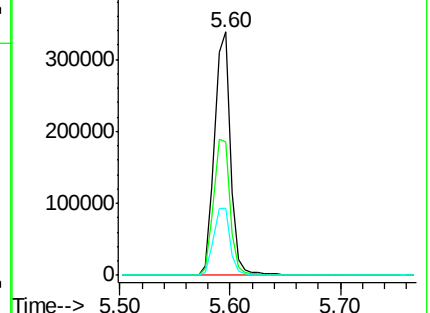
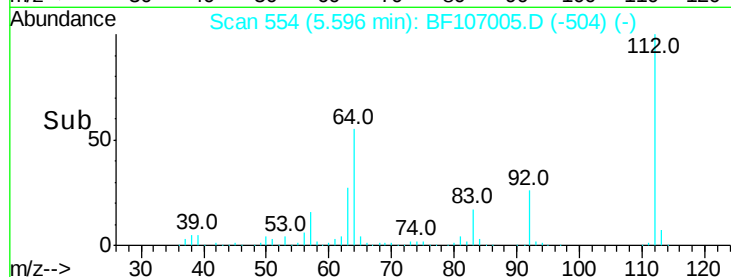
63 27.3 23.7 35.5



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: 39.278 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

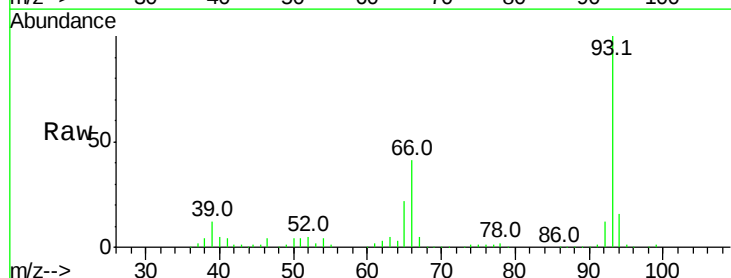
Tgt Ion: 93 Resp: 268921

Ion Ratio Lower Upper

93 100

66 41.1 32.2 48.2

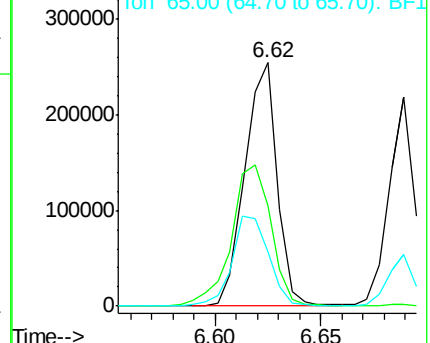
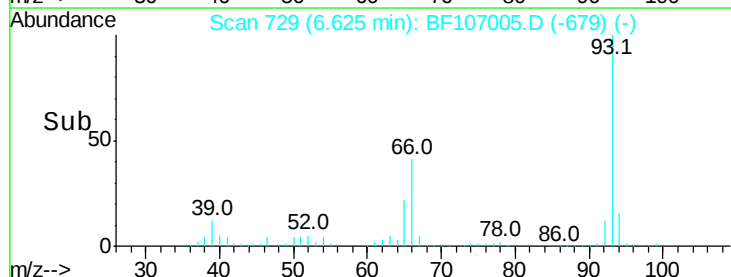
65 22.0 16.4 24.6



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: 80.586 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_F

ClientSampled :

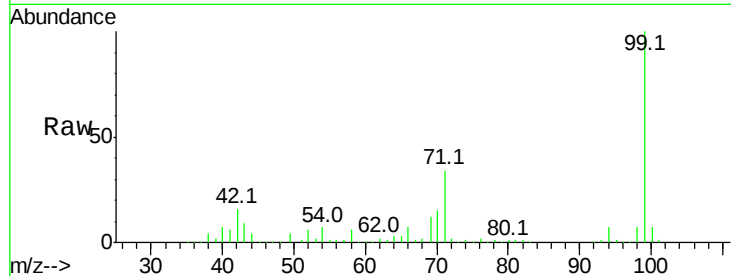
Tot Ion: 99 Resp: 406745

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

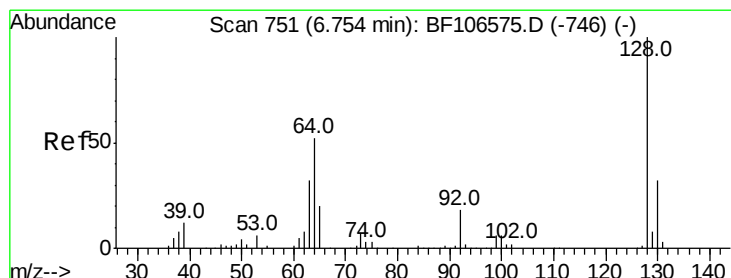
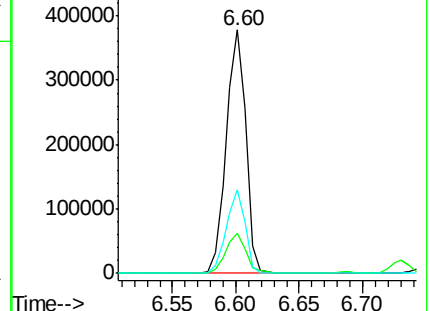
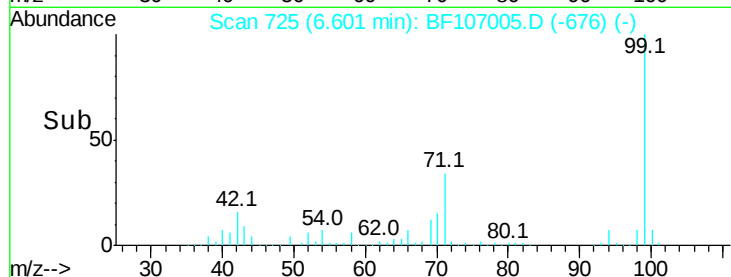
71 34.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.230 ng

RT: 6.75 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

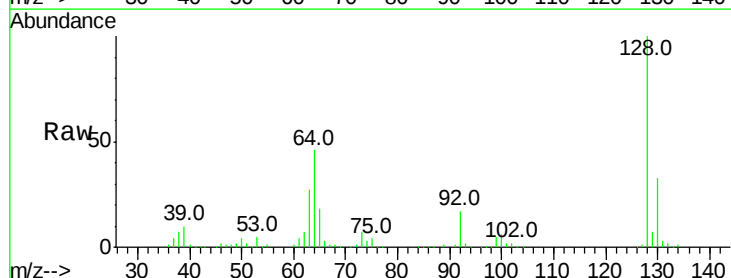
Tgt Ion:128 Resp: 182775

Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

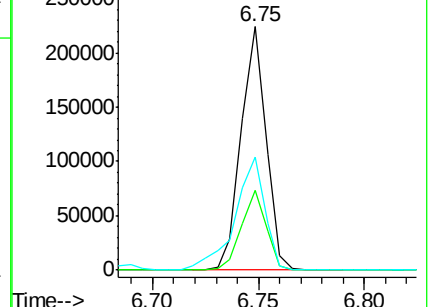
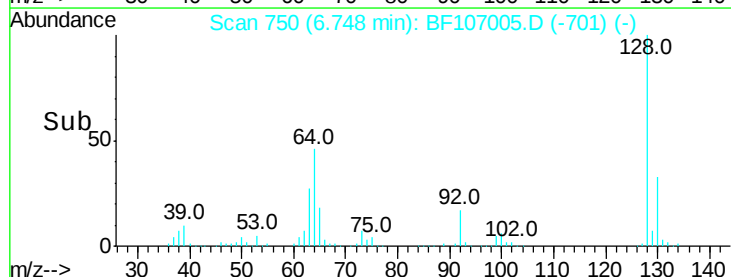
64 46.2 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.658 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_F

ClientSampleId :

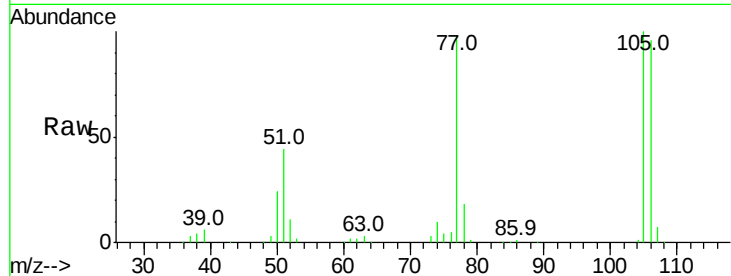
Tot Ion: 77 Resp: 125740

Ion Ratio Lower Upper

77 100

105 102.1 81.1 121.1

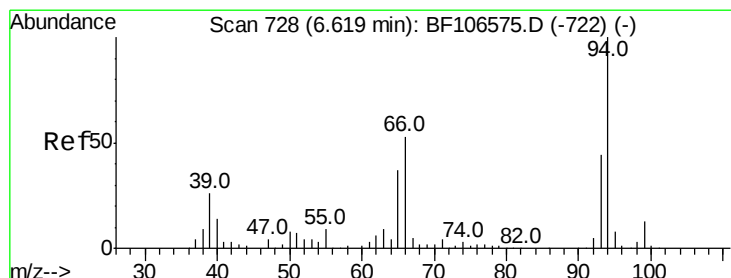
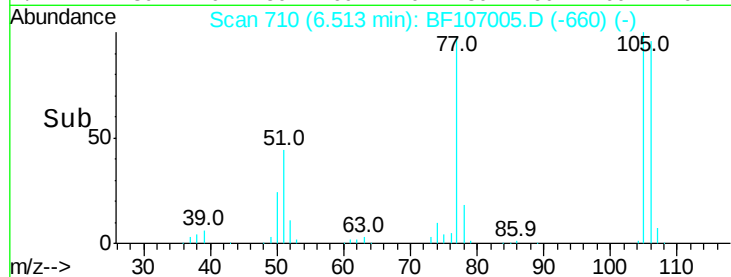
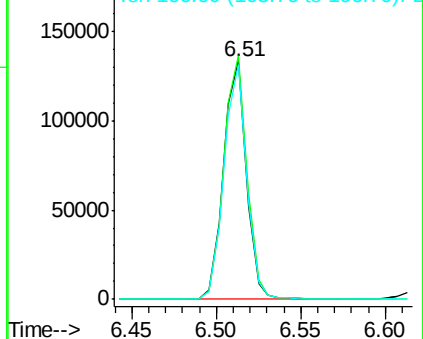
106 98.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.710 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

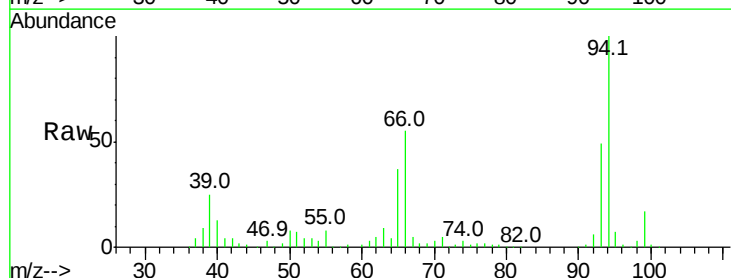
Tgt Ion: 94 Resp: 222978

Ion Ratio Lower Upper

94 100

65 37.1 7.9 47.9

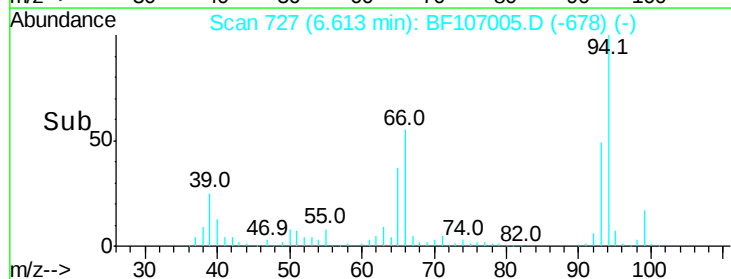
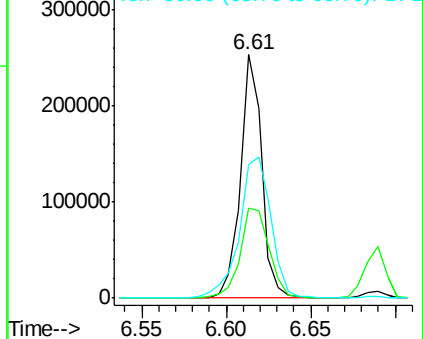
66 54.8 16.2 56.2

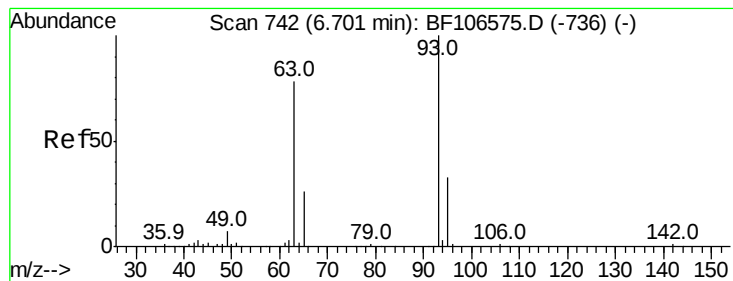


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.406 ng

RT: 6.69 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_F

ClientSampled :

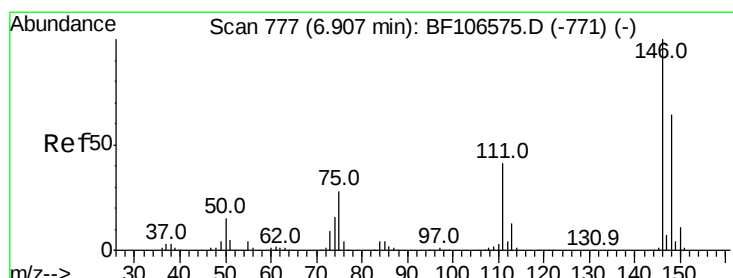
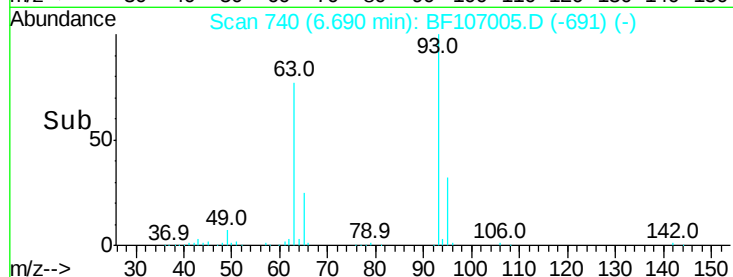
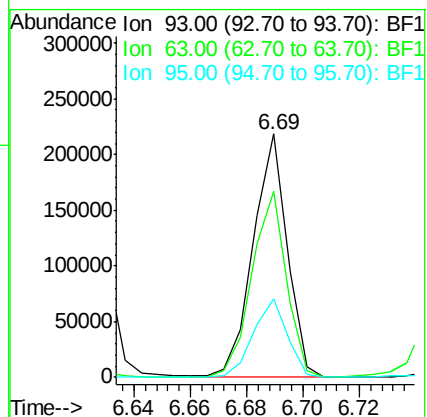
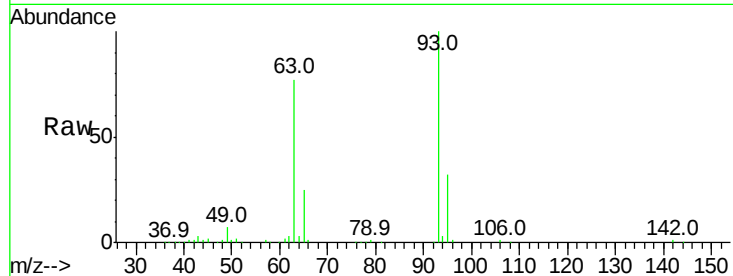
Tot Ion: 93 Resp: 182632

Ion Ratio Lower Upper

93 100

63 76.7 58.6 98.6

95 32.1 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 41.453 ng

RT: 6.90 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

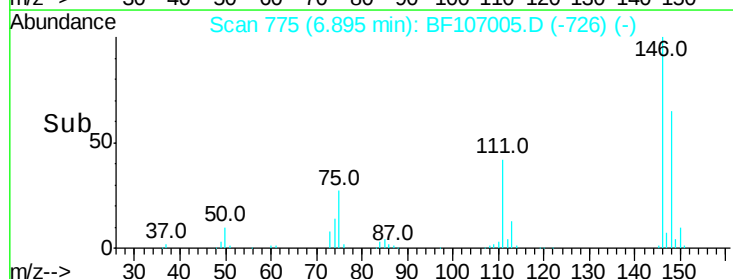
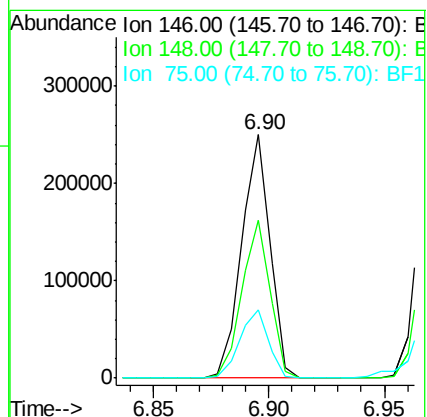
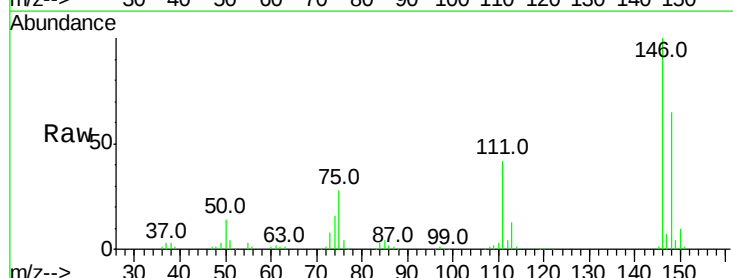
Tgt Ion: 146 Resp: 215227

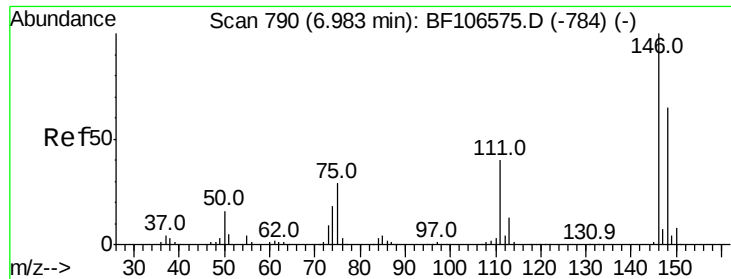
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

75 27.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 41.449 ng

RT: 6.97 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_F

ClientSampleId :

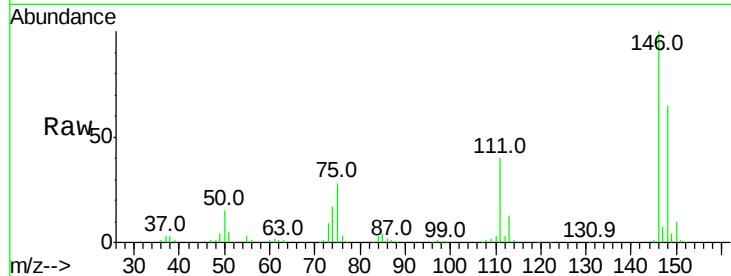
Tot Ion:146 Resp: 217575

Ion Ratio Lower Upper

146 100

148 64.7 50.8 76.2

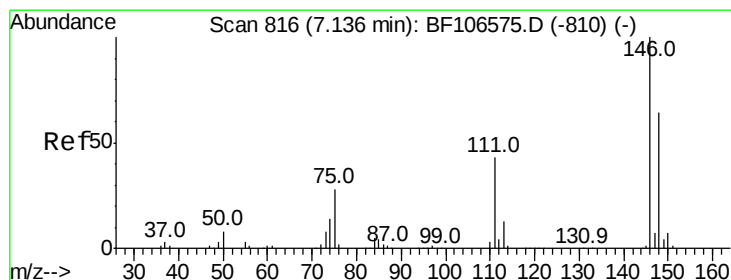
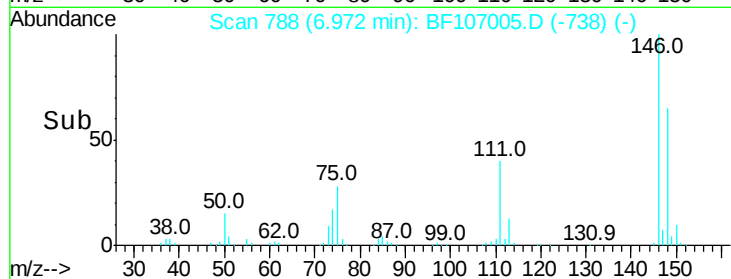
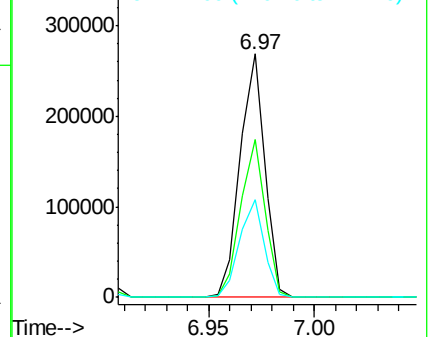
111 40.2 34.2 51.2



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: 42.107 ng

RT: 7.12 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

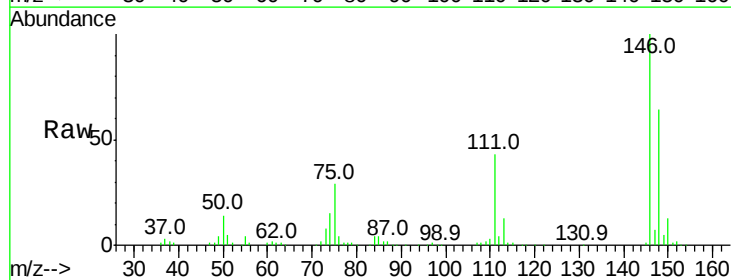
Tgt Ion:146 Resp: 202561

Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

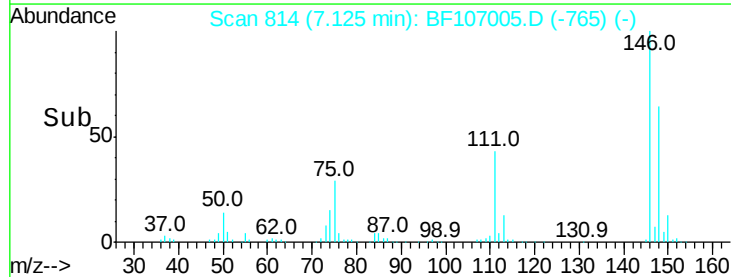
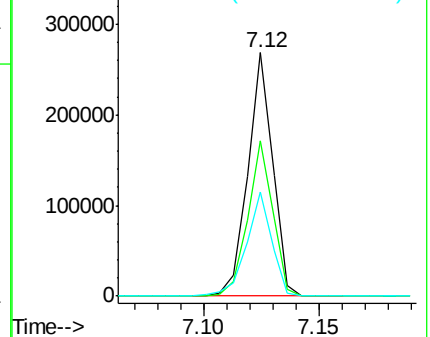
111 42.9 36.0 54.0



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: 38.565 ng

RT: 7.10 min Scan# 810

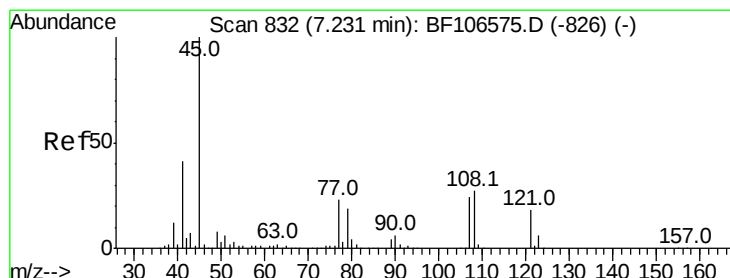
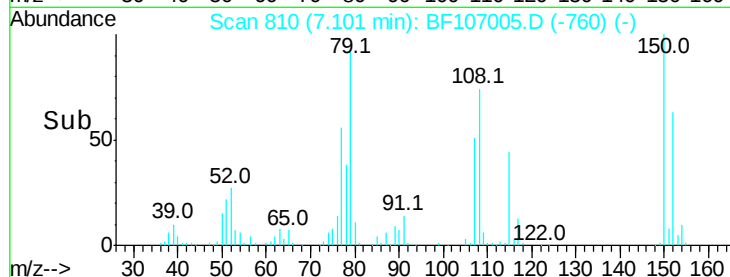
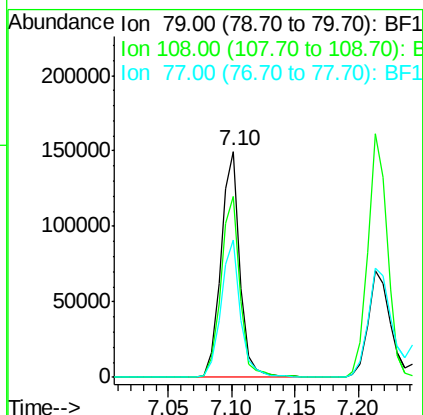
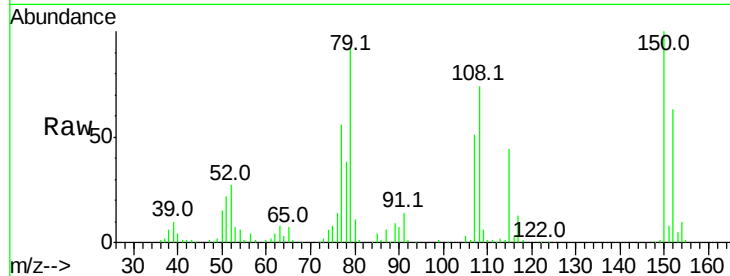
Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:	79	Resp:	156297
Ion	Ratio	Lower	Upper
79	100		
108	80.3	65.1	97.7
77	60.7	50.6	75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.331 ng

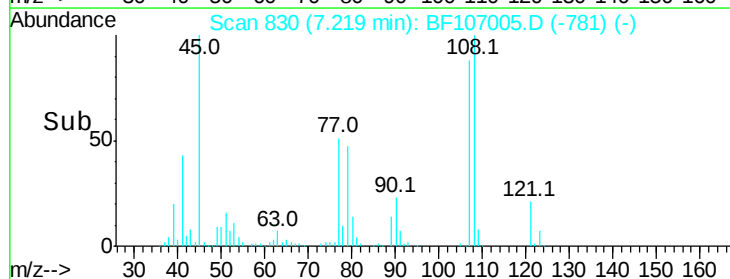
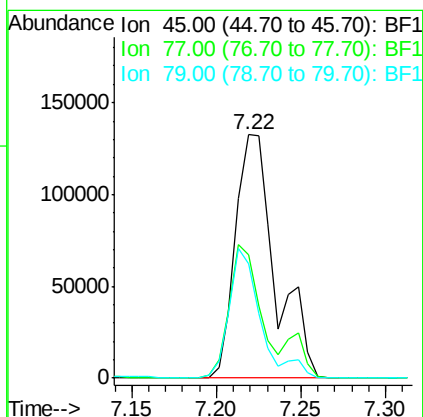
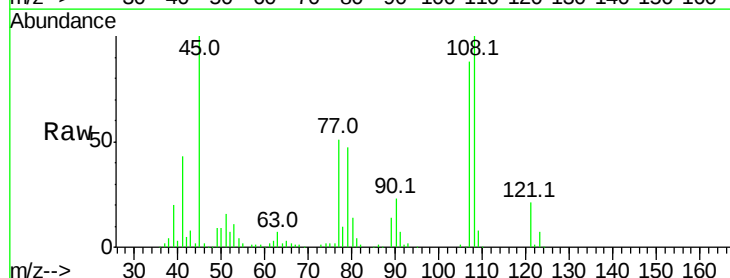
RT: 7.22 min Scan# 830

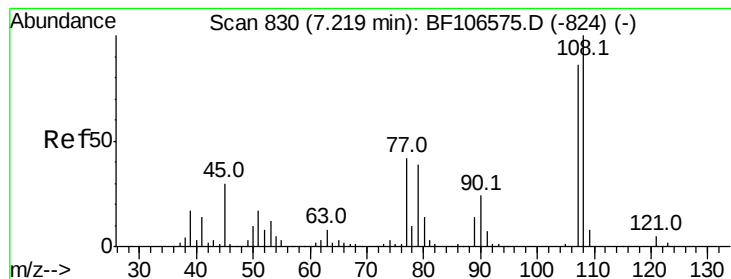
Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Tgt Ion:	45	Resp:	220436
Ion	Ratio	Lower	Upper
45	100		
77	50.7	0.0	32.9#
79	46.8	0.0	29.6#





#17

2-Methylphenol

Concen: 42.388 ng

RT: 7.21 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 160804

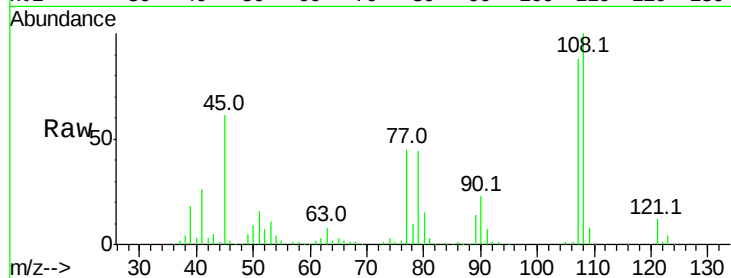
Ion Ratio Lower Upper

107 100

108 113.4 91.7 137.5

77 51.0 33.8 50.8#

79 49.5 33.8 50.8

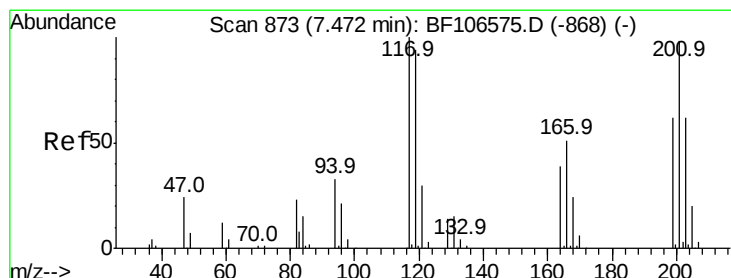
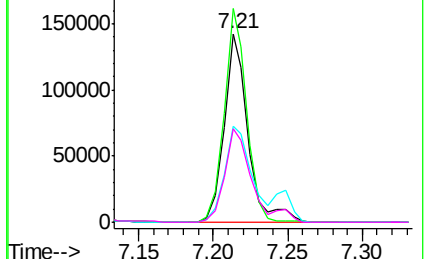
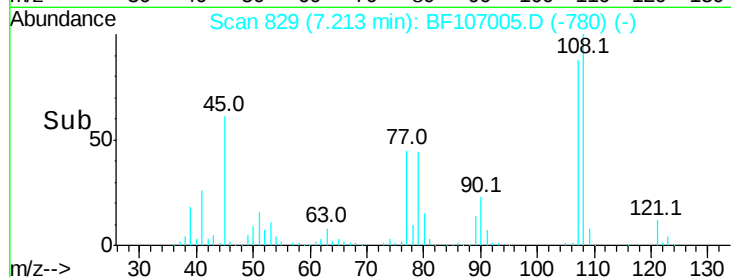


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.719 ng

RT: 7.46 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

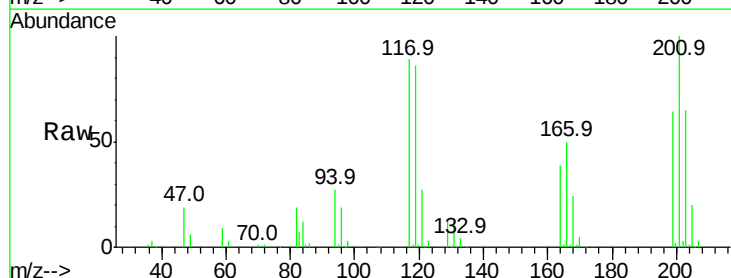
Tgt Ion:117 Resp: 73319

Ion Ratio Lower Upper

117 100

119 97.0 75.8 113.8

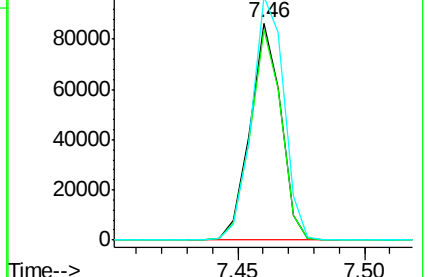
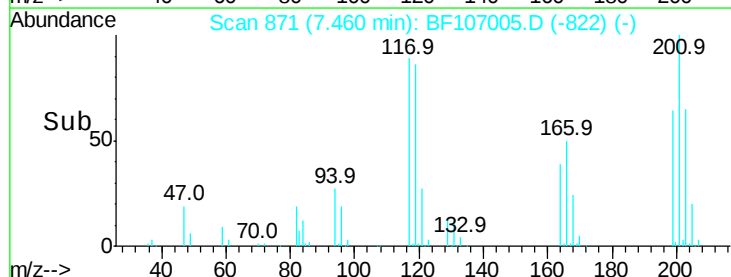
201 112.3 75.7 113.5



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

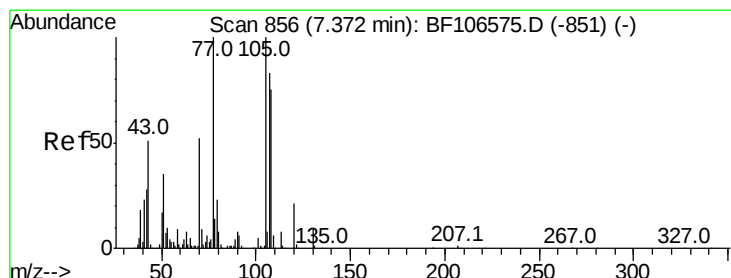
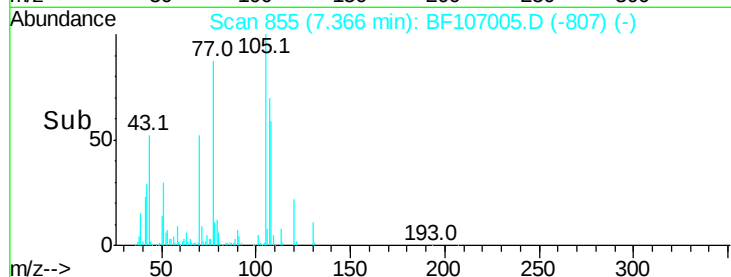
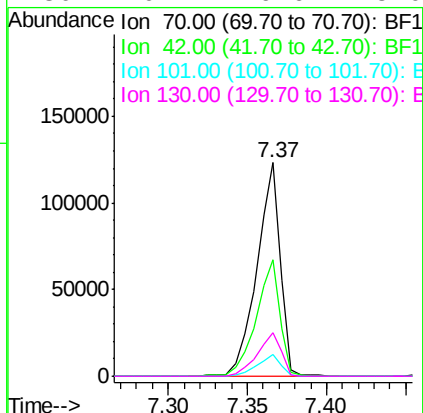
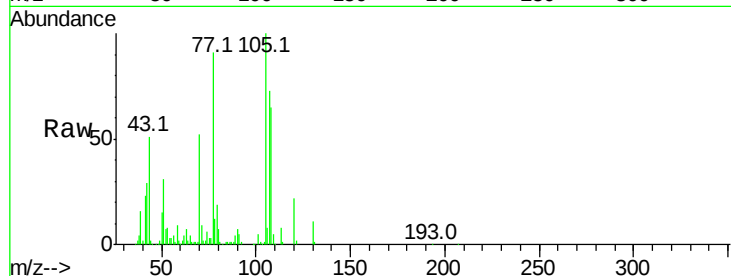




#19
n-Nitroso-di-n-propylamine
Concen: 38.104 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF107005.D
Acq: 30 Jun 2018 10:59

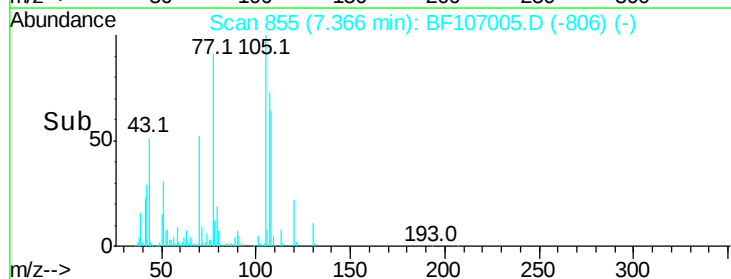
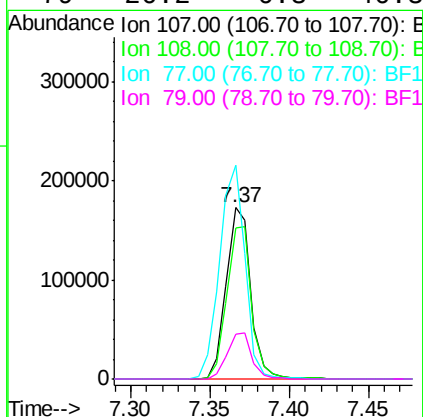
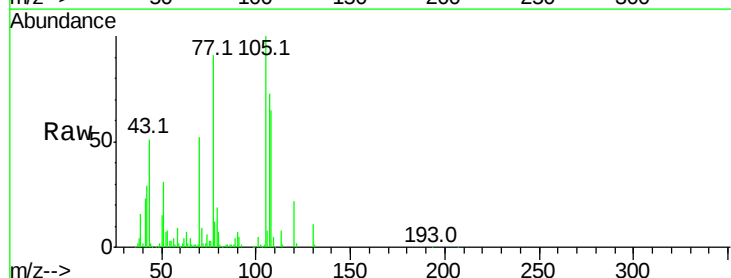
Instrument :
BNA_F
ClientSampleId :

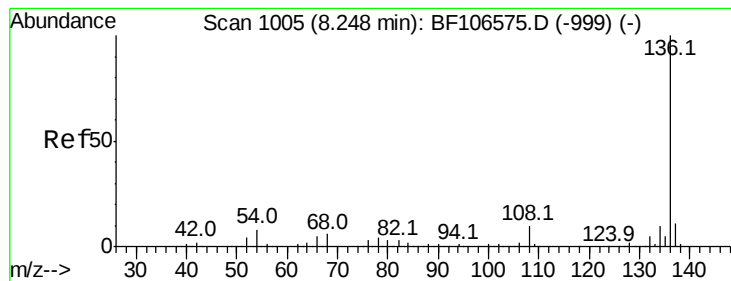
Tot Ion: 70 Resp: 126773
Ion Ratio Lower Upper
70 100
42 54.6 47.5 71.3
101 10.2 7.4 11.2
130 20.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 45.473 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107005.D
Acq: 30 Jun 2018 10:59

Tgt Ion:107 Resp: 185674
Ion Ratio Lower Upper
107 100
108 88.1 68.2 108.2
77 124.7 26.7 66.7#
79 26.2 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 276910

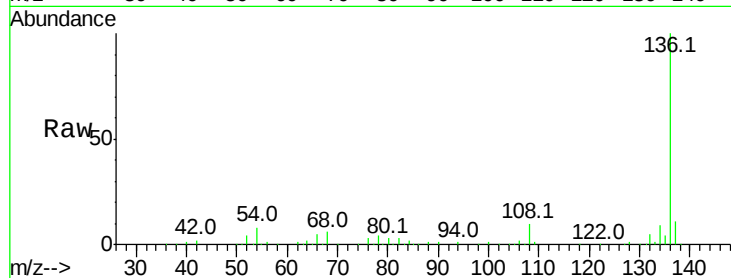
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.8 6.6 9.8

68 6.0 5.0 7.4

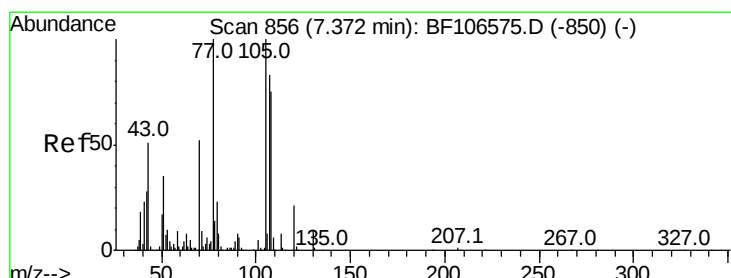
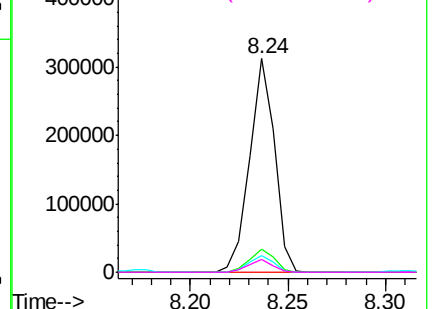
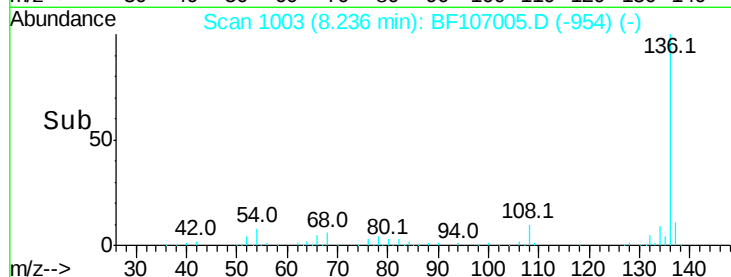


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.097 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Tgt Ion:105 Resp: 254606

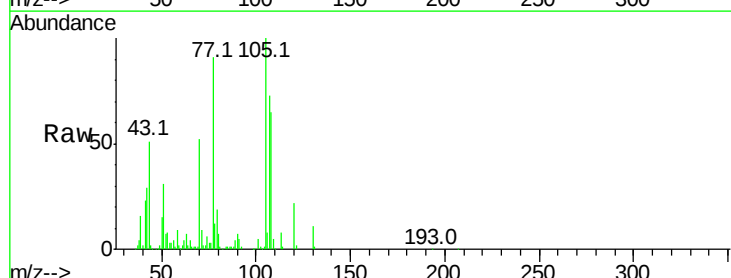
Ion Ratio Lower Upper

105 100

71 9.3 4.4 6.6#

51 31.5 22.3 33.5

120 21.7 16.9 25.3

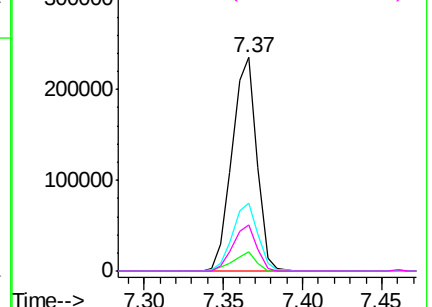
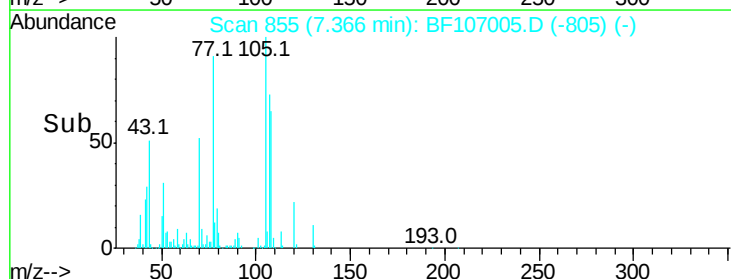


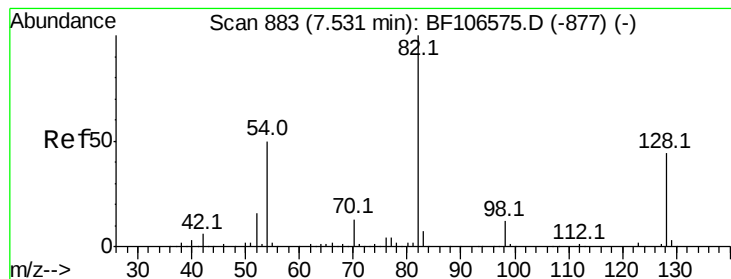
Abundance Ion 105.00 (104.70 to 105.70): E

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: 77.394 ng

RT: 7.52 min Scan# 882

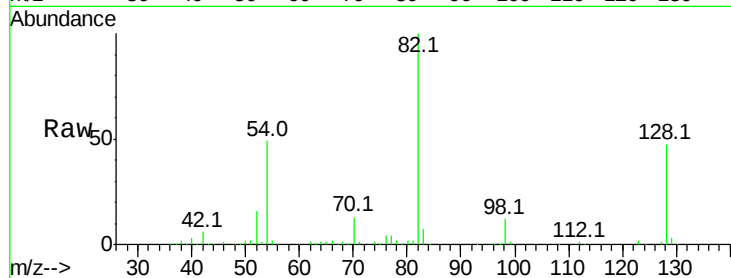
Delta R.T. -0.01 min

Lab File: BF107005.D

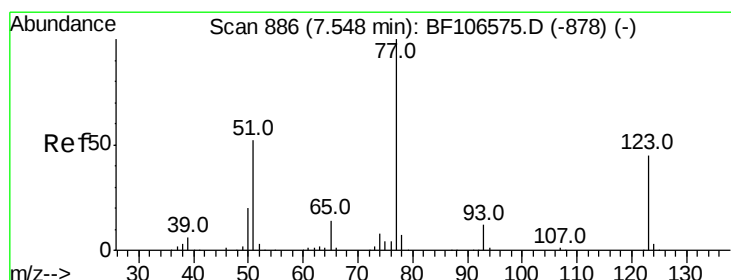
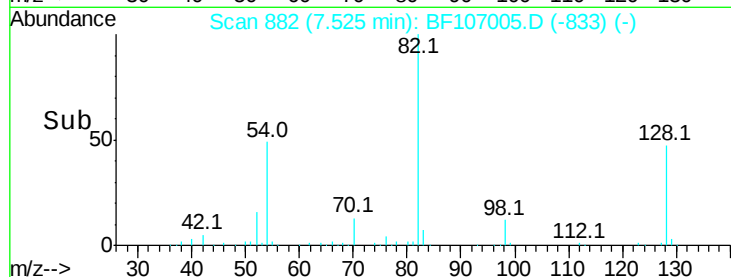
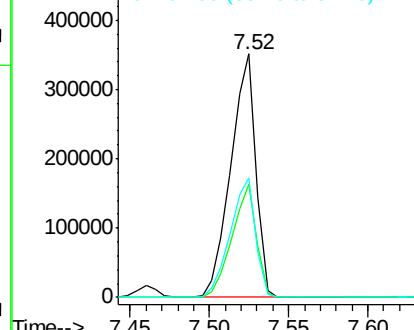
Acq: 30 Jun 2018 10:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:	82	Resp:	385635
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	49.0	41.4	62.2



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



#24

Nitrobenzene

Concen: 37.663 ng

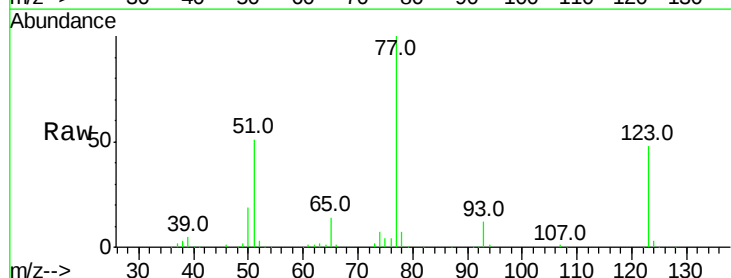
RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

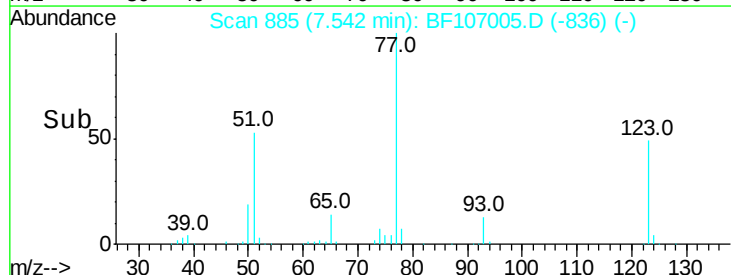
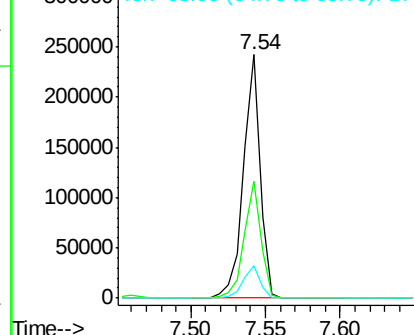
Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Tgt Ion:	77	Resp:	191601
Ion	Ratio	Lower	Upper
77	100		
123	47.9	37.9	56.9
65	13.6	11.0	16.4



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





#25

Isophorone

Concen: 37.187 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_F

ClientSampleId :

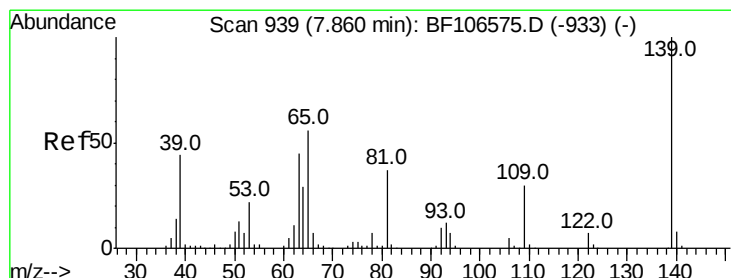
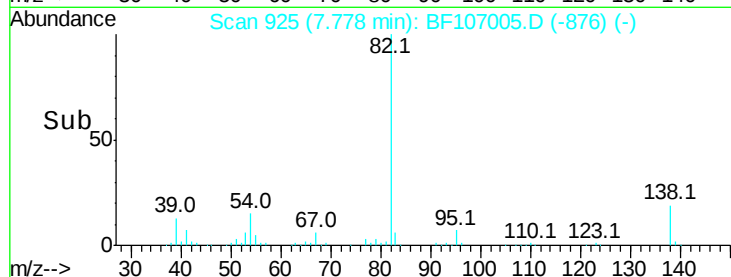
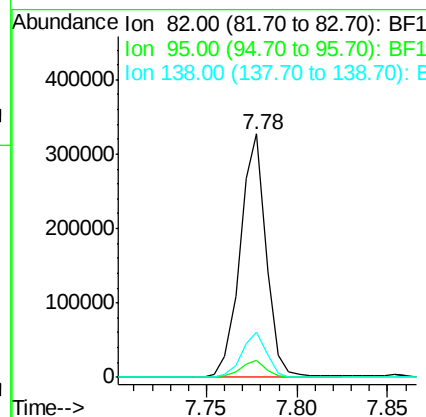
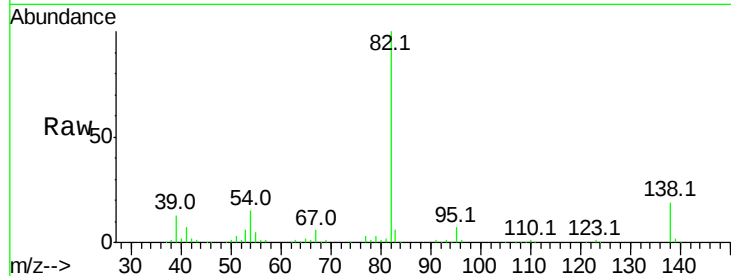
Tot Ion: 82 Resp: 326511

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 18.6 14.9 22.3



#26

2-Nitrophenol

Concen: 42.042 ng

RT: 7.85 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

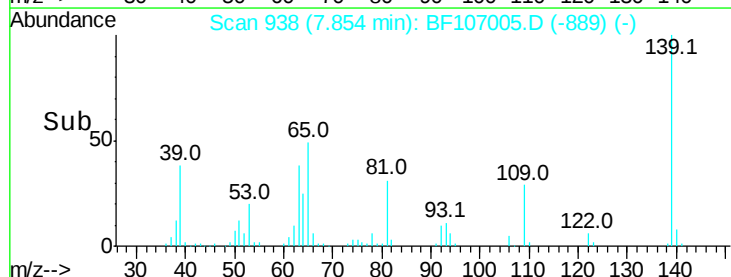
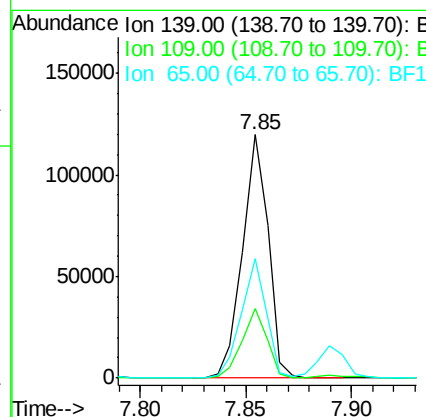
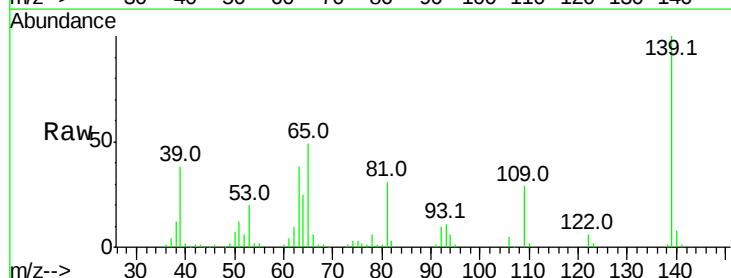
Tgt Ion: 139 Resp: 100965

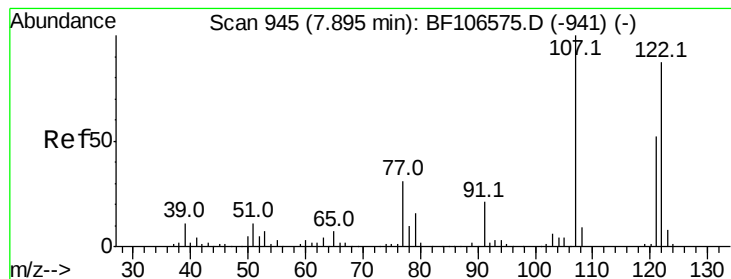
Ion Ratio Lower Upper

139 100

109 28.7 22.7 34.1

65 49.1 40.5 60.7

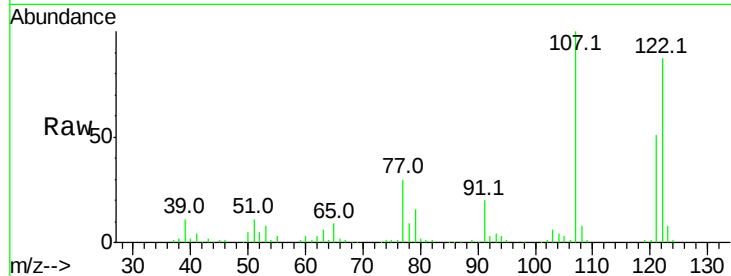




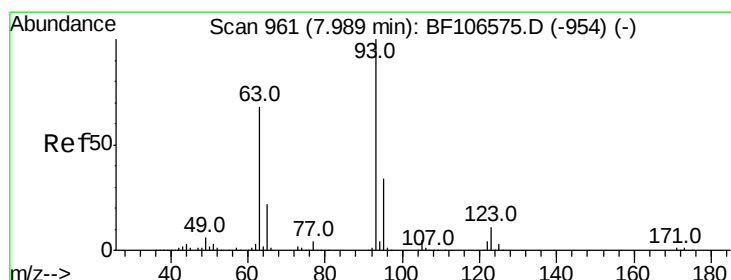
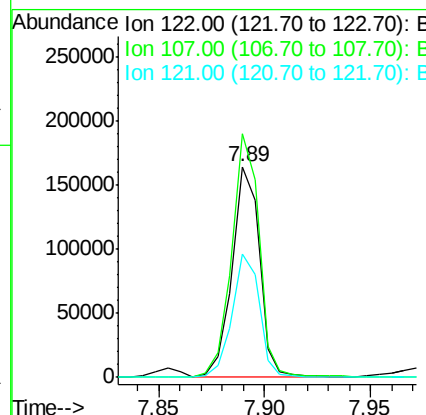
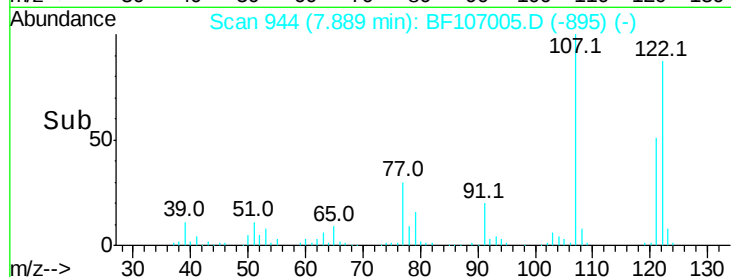
#27
 2,4-Dimethylphenol
 Concen: 39.279 ng
 RT: 7.89 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF107005.D
 Acq: 30 Jun 2018 10:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.5	91.2	136.8
121	58.6	47.2	70.8

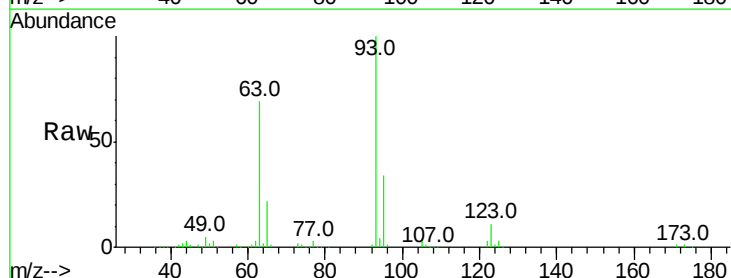


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

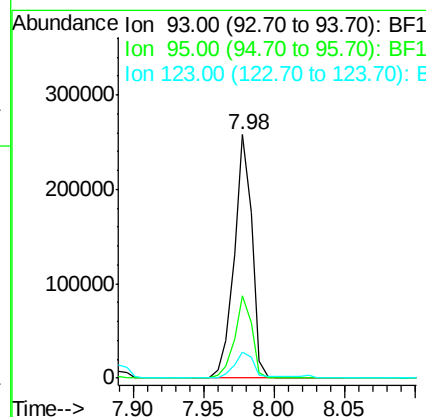
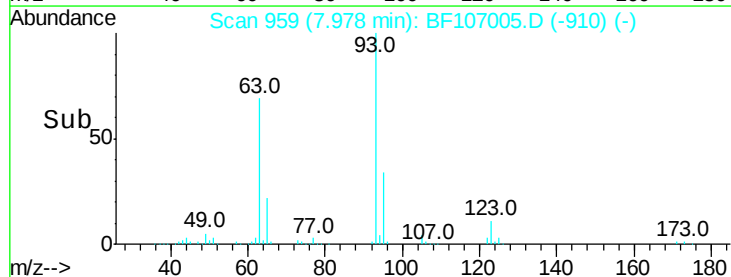


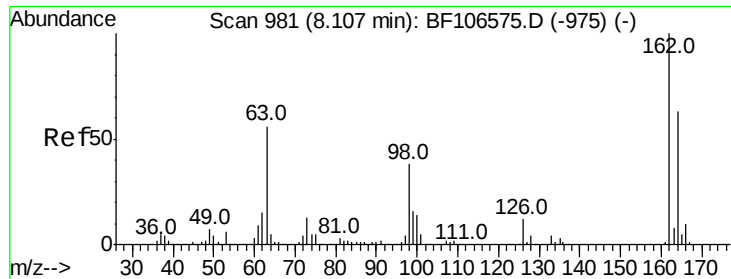
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.154 ng
 RT: 7.98 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF107005.D
 Acq: 30 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	26.3	39.5
123	10.9	9.8	14.6



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

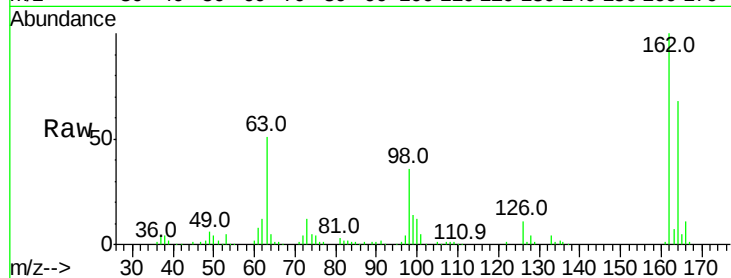




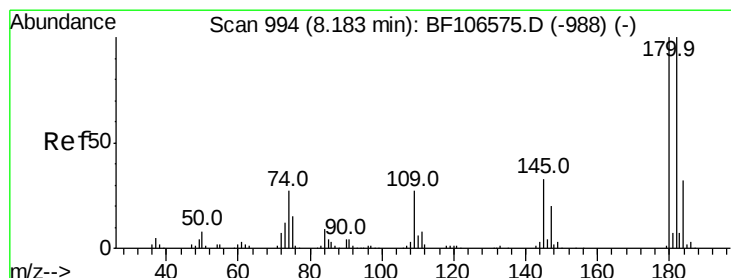
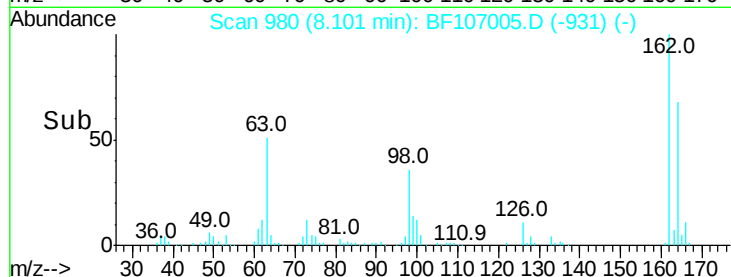
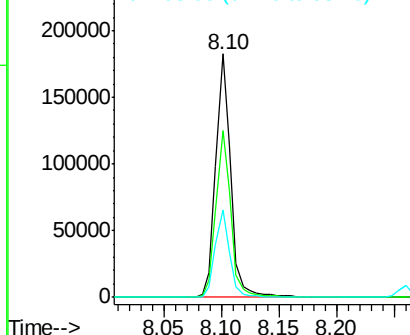
#29
2,4-Dichlorophenol
Concen: 42.242 ng
RT: 8.10 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF107005.D
Acq: 30 Jun 2018 10:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.4	42.7	82.7
98	36.0	18.1	58.1

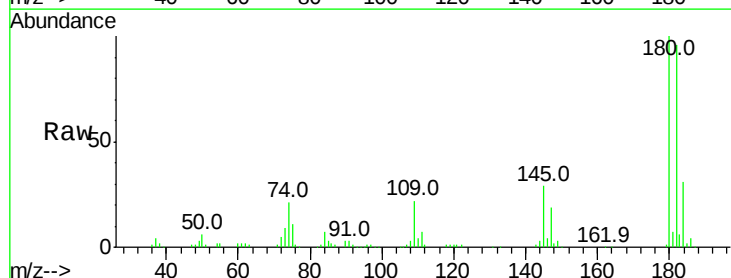


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

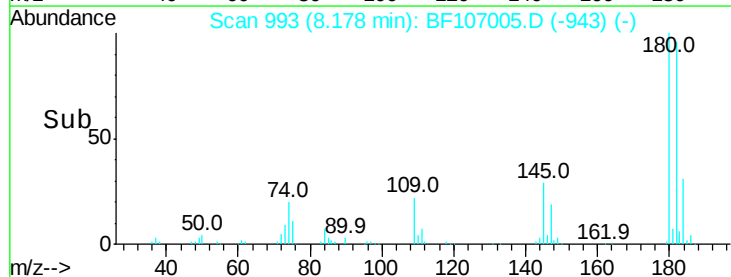
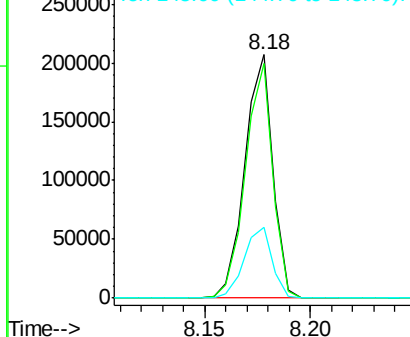


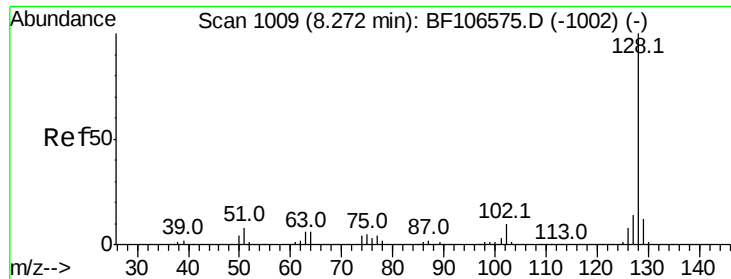
#30
1,2,4-Trichlorobenzene
Concen: 44.302 ng
RT: 8.18 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF107005.D
Acq: 30 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.8	115.2
145	29.3	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

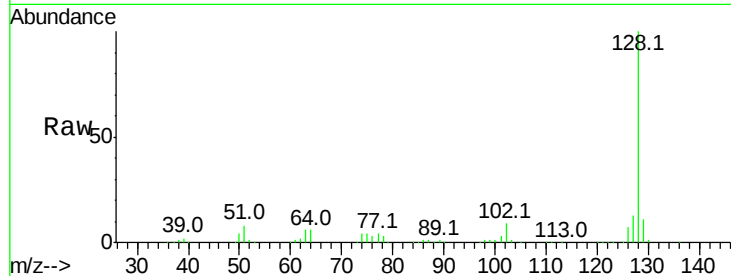




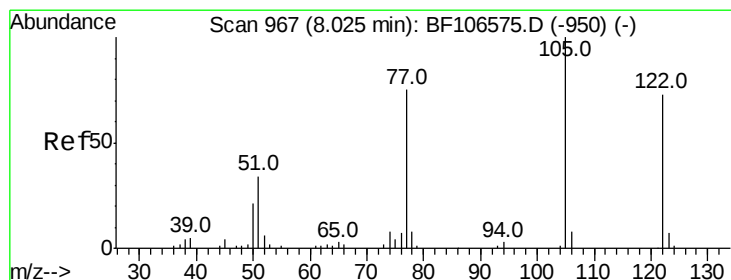
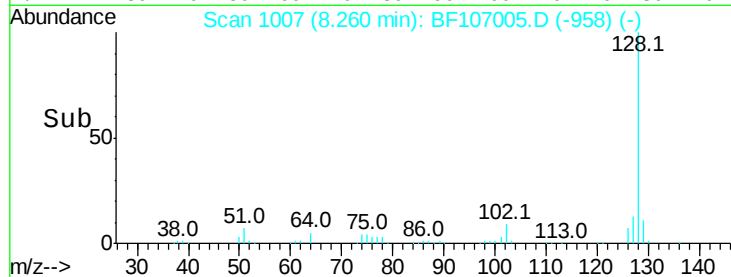
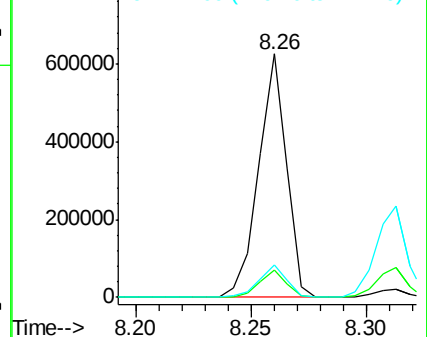
#31
Naphthalene
Concen: 40.762 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF107005.D
Acq: 30 Jun 2018 10:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 527720
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.3 10.9 16.3

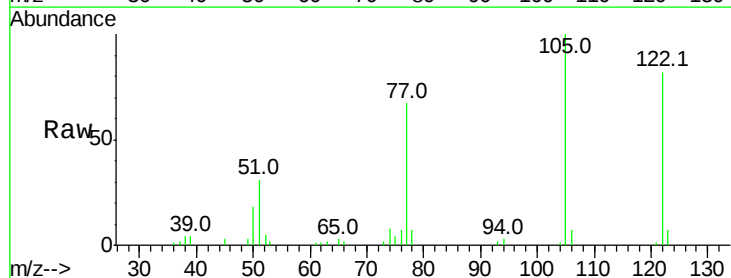


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

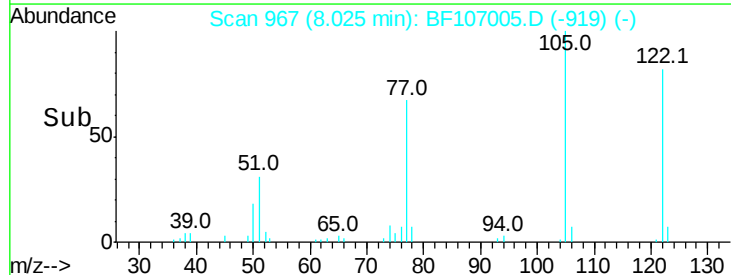
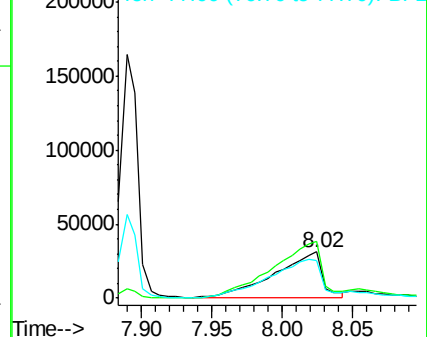


#32
Benzoic acid
Concen: 28.830 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF107005.D
Acq: 30 Jun 2018 10:59

Tgt Ion:122 Resp: 70822
Ion Ratio Lower Upper
122 100
105 121.8 101.1 141.1
77 82.1 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

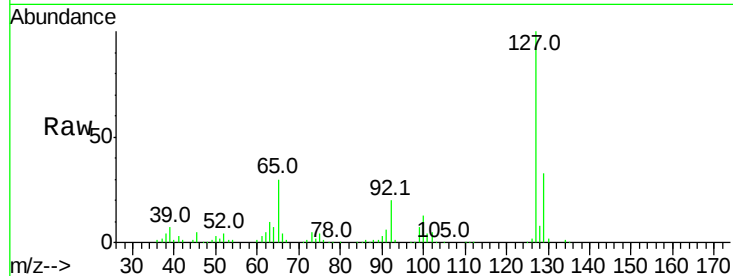




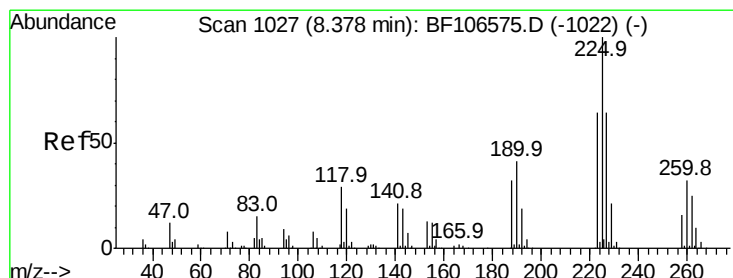
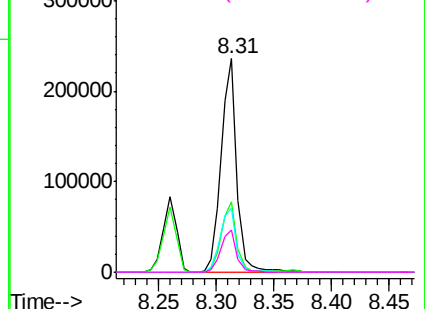
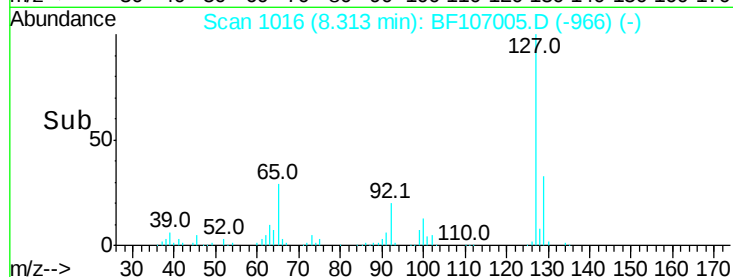
#33
4-Chloroaniline
Concen: 40.957 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF107005.D
Acq: 30 Jun 2018 10:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	222490
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	29.8	25.0	37.4
92	19.6	15.2	22.8

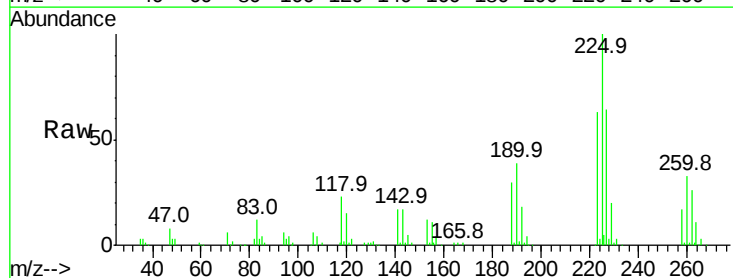


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

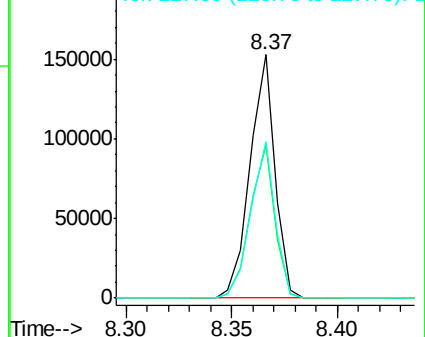
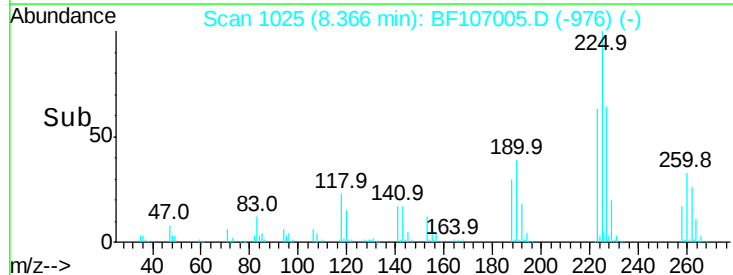


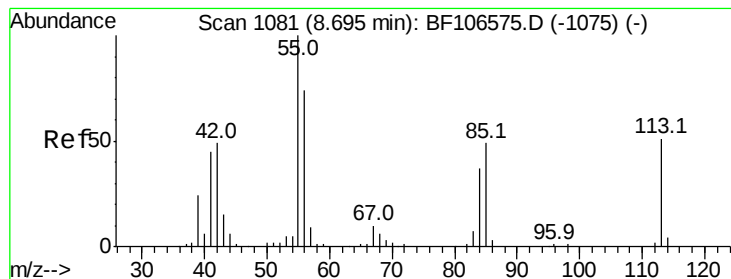
#34
Hexachlorobutadiene
Concen: 45.009 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF107005.D
Acq: 30 Jun 2018 10:59

Tgt Ion:	225	Resp:	125551
Ion	Ratio	Lower	Upper
225	100		
223	62.7	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: 41.273 ng

RT: 8.70 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_F

ClientSampleId :

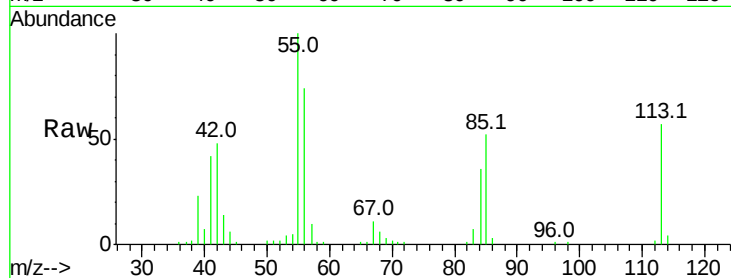
Tot Ion:113 Resp: 52283

Ion Ratio Lower Upper

113 100

55 175.1 163.3 203.3

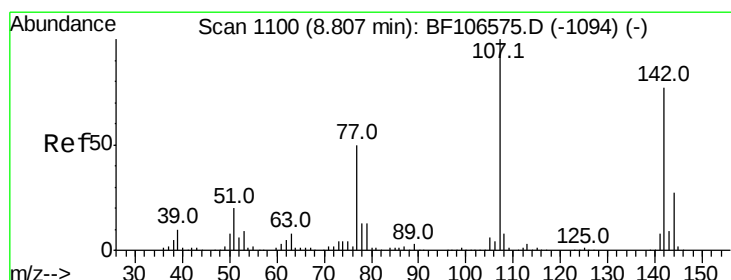
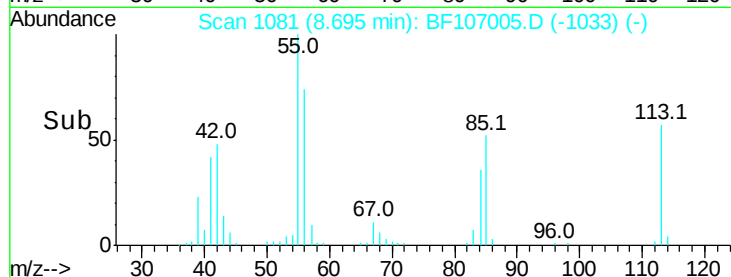
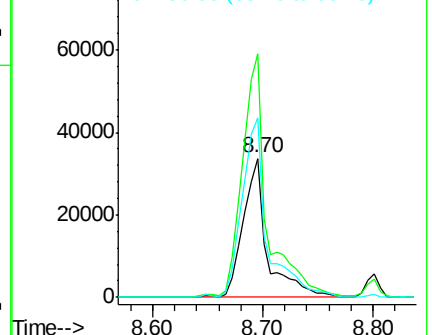
56 129.2 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.301 ng

RT: 8.80 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

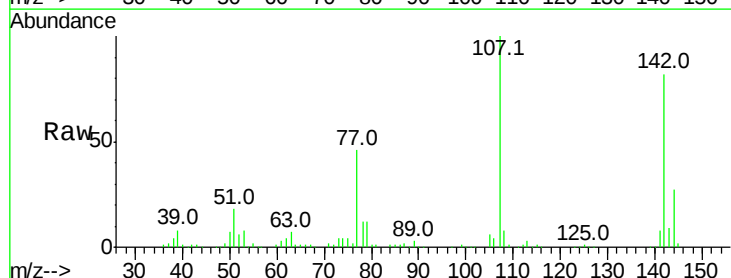
Tgt Ion:107 Resp: 168936

Ion Ratio Lower Upper

107 100

144 26.9 20.5 30.7

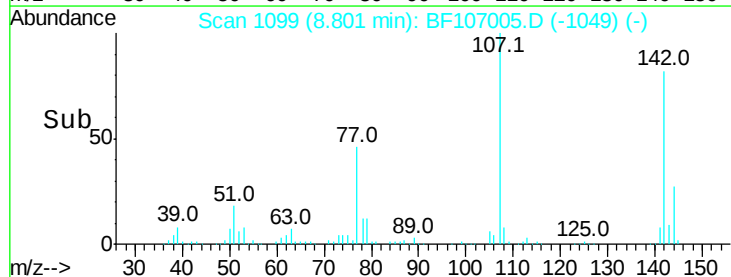
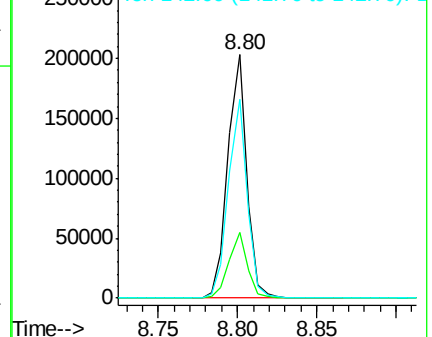
142 81.9 62.0 93.0

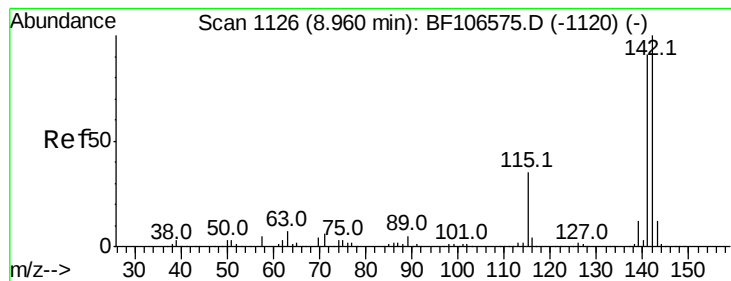


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.145 ng

RT: 8.95 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_F

ClientSampleId :

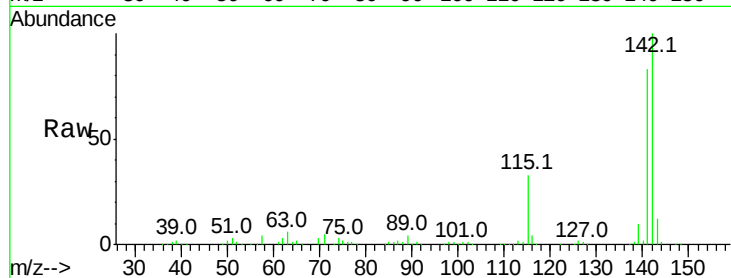
Tot Ion:142 Resp: 378812

Ion Ratio Lower Upper

142 100

141 82.7 70.8 106.2

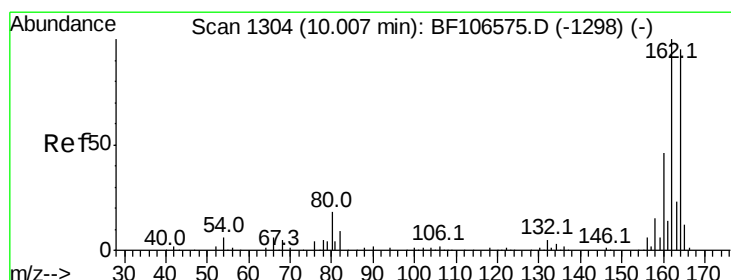
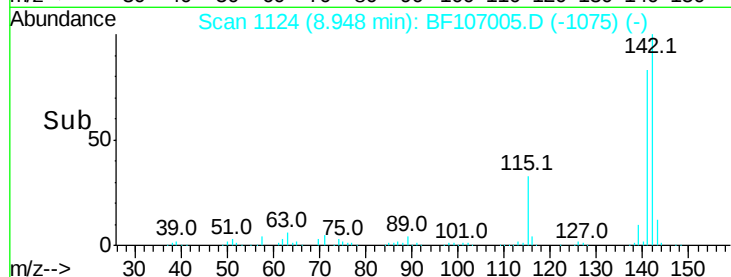
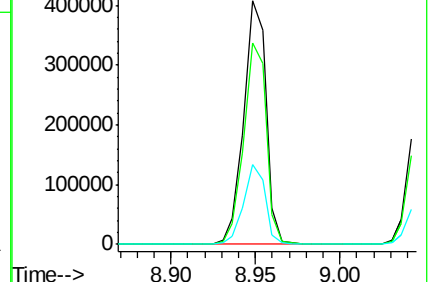
115 32.6 26.1 39.1



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: BF107005.D

Acq: 30 Jun 2018 10:59

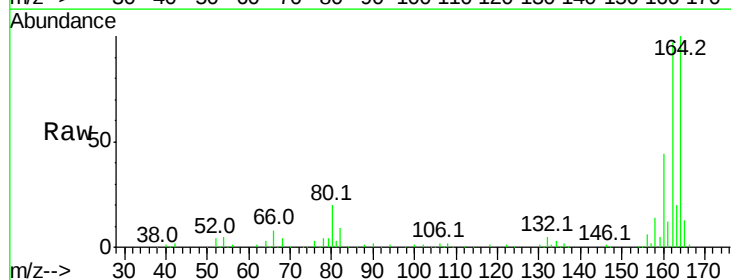
Tgt Ion:164 Resp: 145340

Ion Ratio Lower Upper

164 100

162 97.1 86.1 129.1

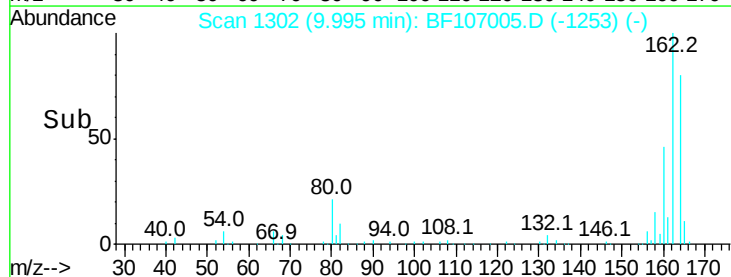
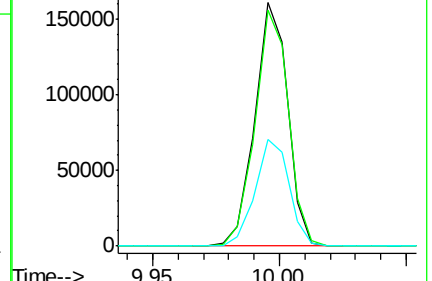
160 43.5 38.3 57.5

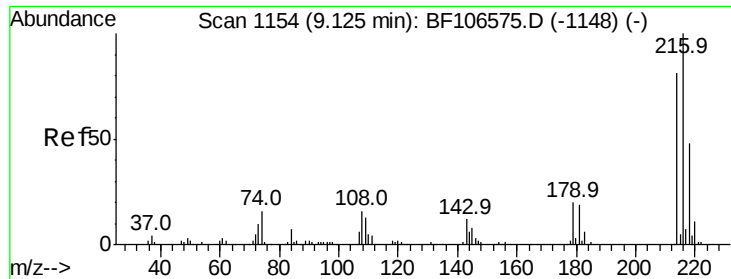


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

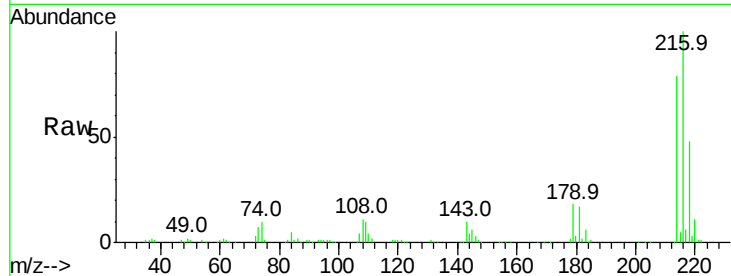




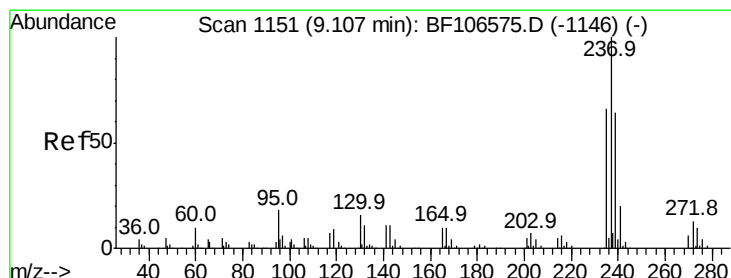
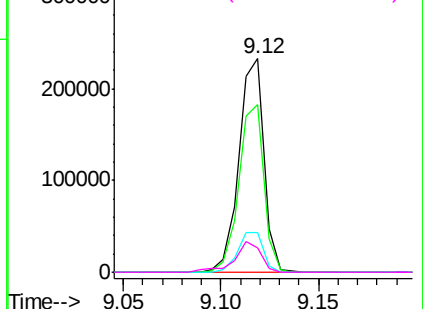
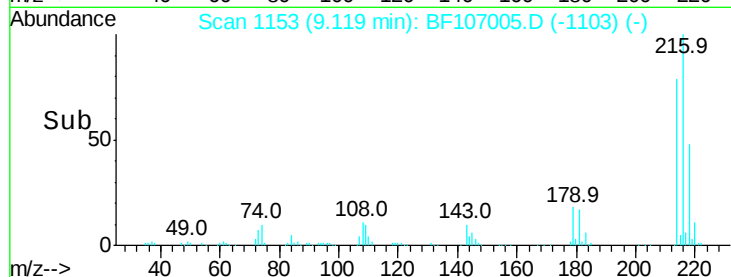
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.243 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF107005.D
 Acq: 30 Jun 2018 10:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	206760
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.0	94.4
179	19.4	18.1	27.1
108	15.2	17.2	25.8#

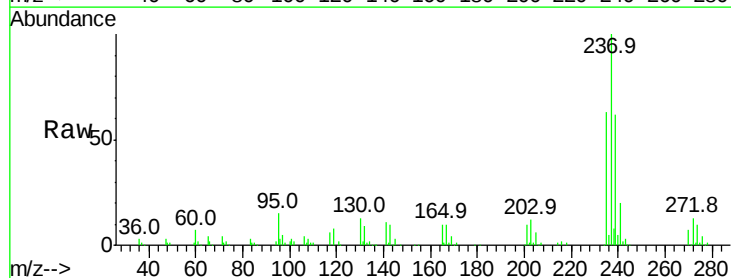


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

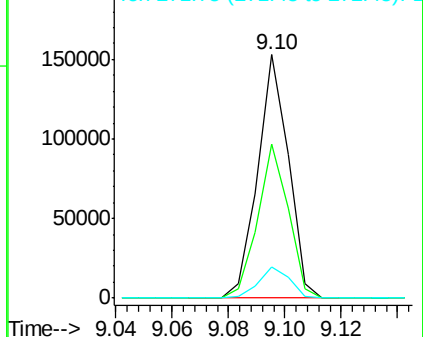
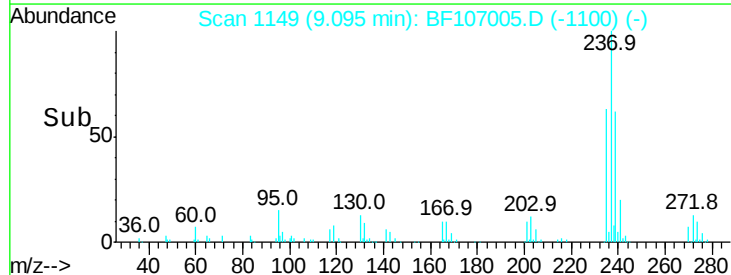


#40
 Hexachlorocyclopentadiene
 Concen: 45.922 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF107005.D
 Acq: 30 Jun 2018 10:59

Tgt Ion:	237	Resp:	115644
Ion Ratio	Lower	Upper	
237	100		
235	63.3	44.8	84.8
272	12.7	0.0	33.3



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

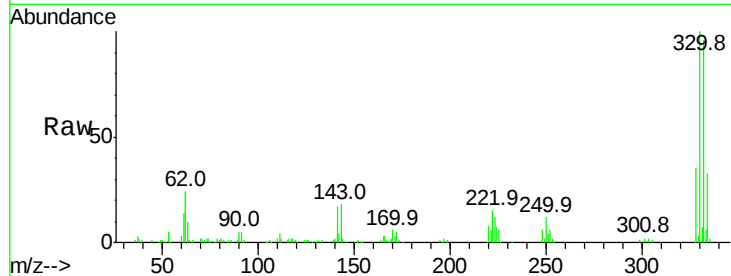




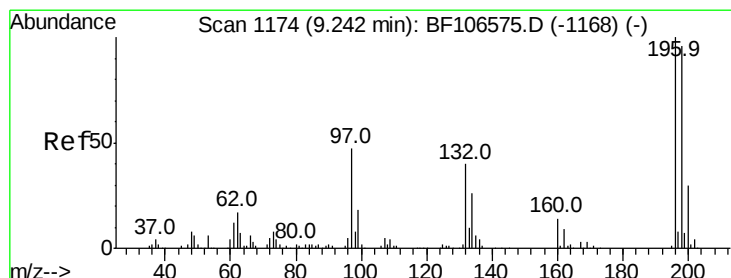
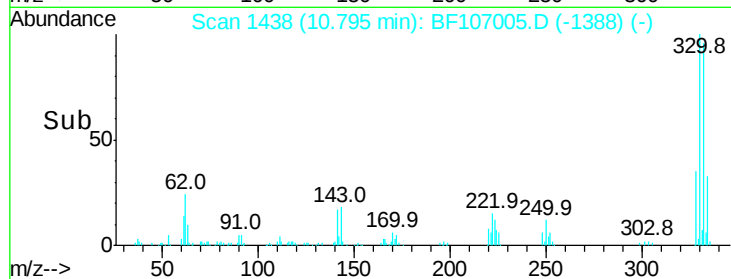
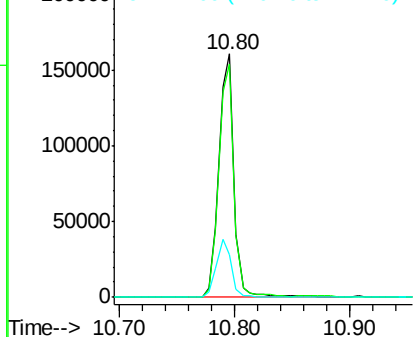
#41
 2,4,6-Tribromophenol
 Concen: 87.227 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107005.D
 Acq: 30 Jun 2018 10:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	23.2	29.9	44.9#

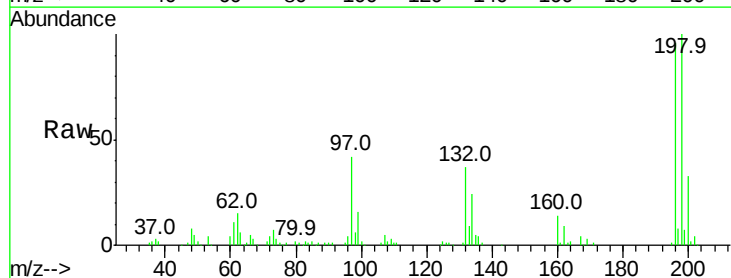


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

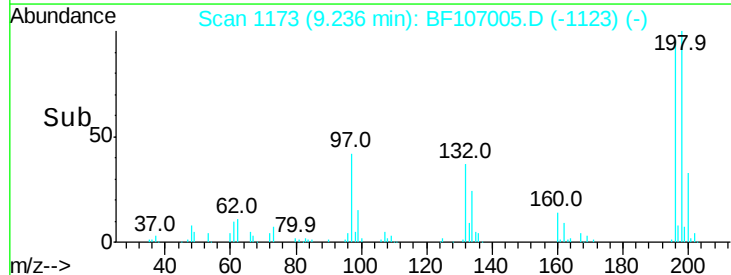
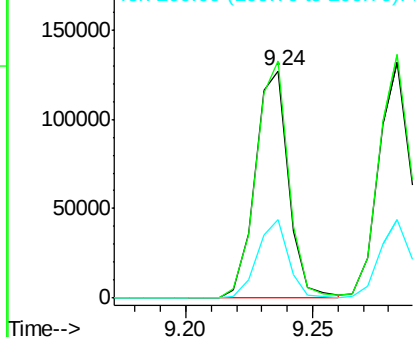


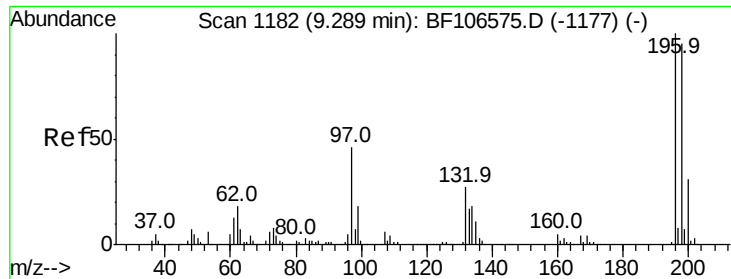
#42
 2,4,6-Trichlorophenol
 Concen: 36.091 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF107005.D
 Acq: 30 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	104.4	75.7	113.5
200	34.3	24.5	36.7



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

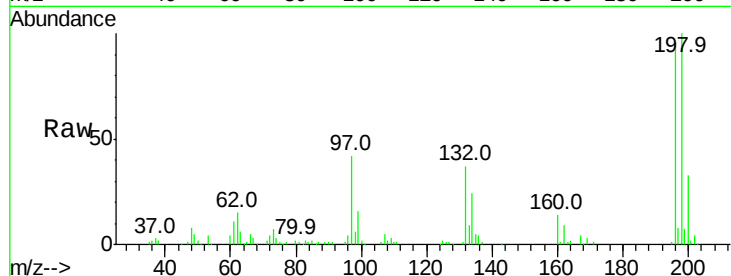




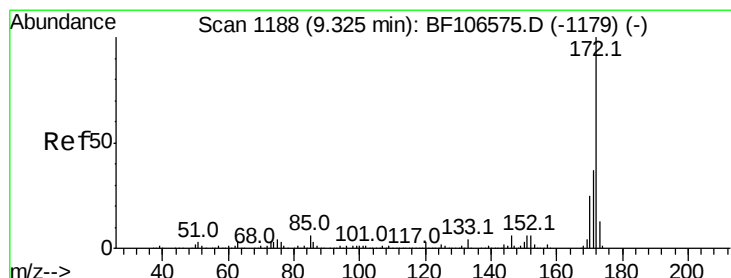
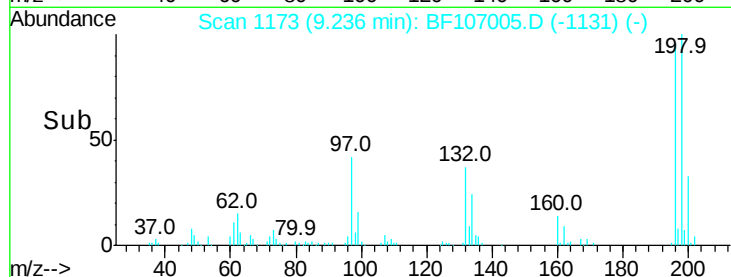
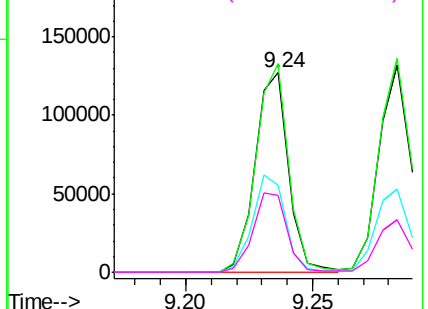
#43
 2,4,5-Trichlorophenol
 Concen: 34.588 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.05 min
 Lab File: BF107005.D
 Acq: 30 Jun 2018 10:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 117424
 Ion Ratio Lower Upper
 196 100
 198 104.4 74.6 112.0
 97 44.0 42.9 64.3
 132 38.6 26.3 39.5

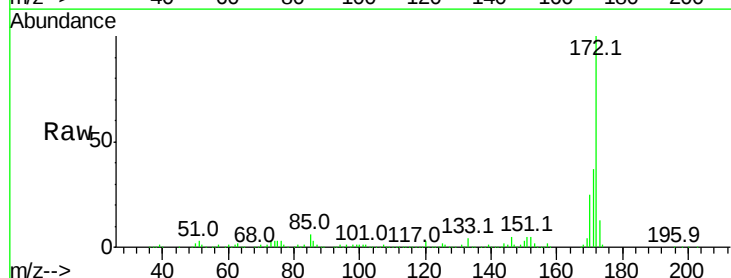


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

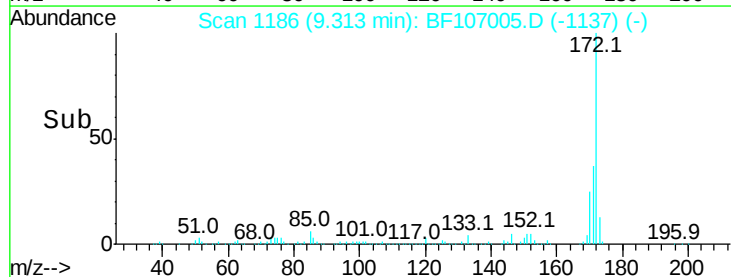
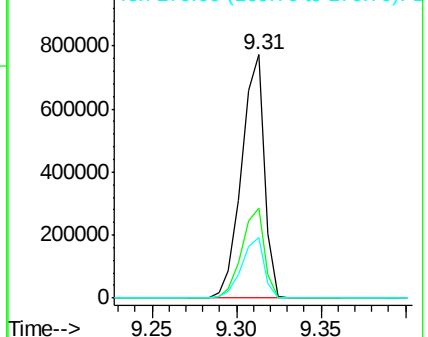


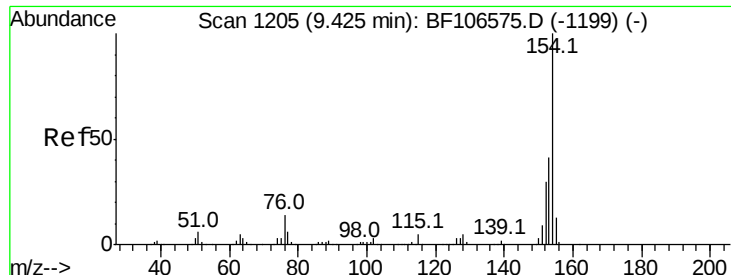
#44
 2-Fluorobiphenyl
 Concen: 84.402 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107005.D
 Acq: 30 Jun 2018 10:59

Tgt Ion:172 Resp: 725619
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.7 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: 41.139 ng

RT: 9.41 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_F

ClientSampleId :

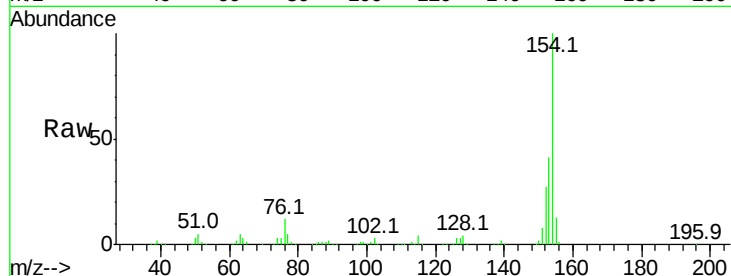
Tot Ion:154 Resp: 476510

Ion Ratio Lower Upper

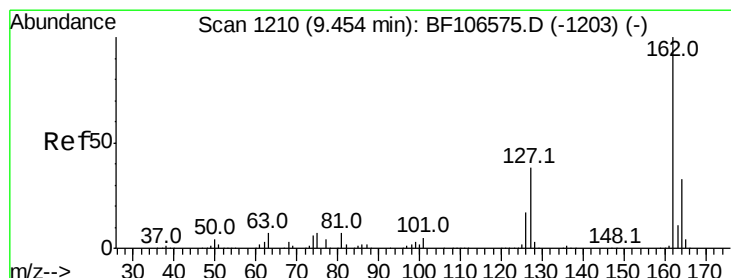
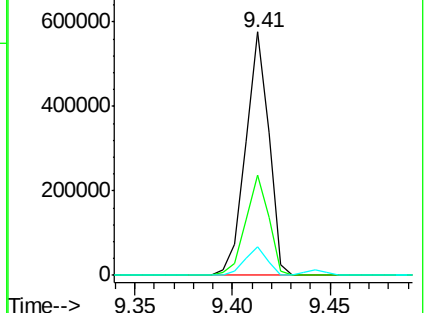
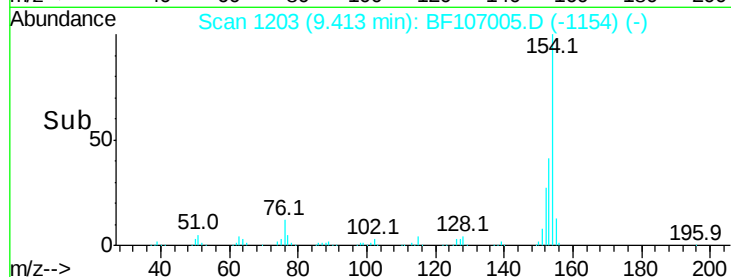
154 100

153 41.3 21.3 61.3

76 11.6 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 37.954 ng

RT: 9.44 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

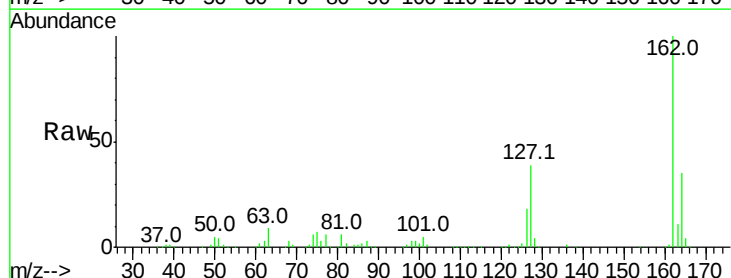
Tgt Ion:162 Resp: 346041

Ion Ratio Lower Upper

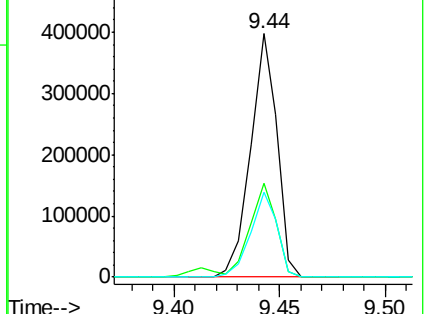
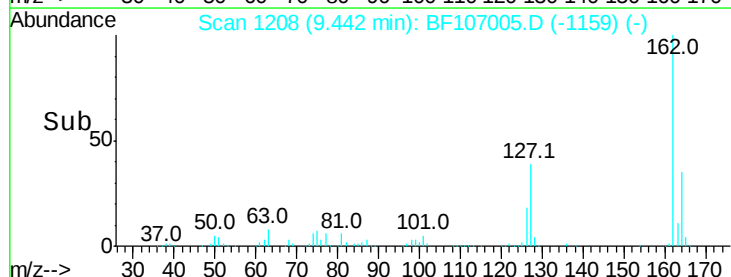
162 100

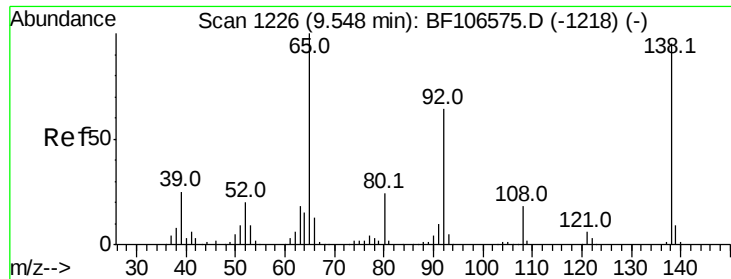
127 38.8 33.9 50.9

164 35.0 26.5 39.7



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

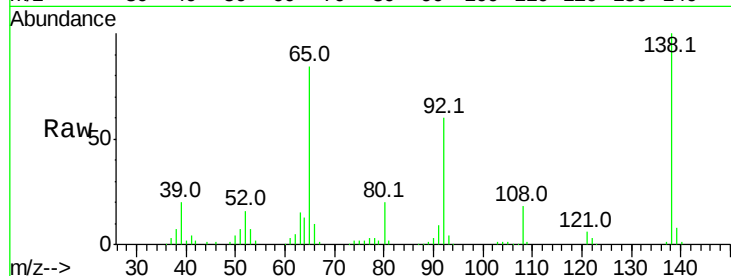




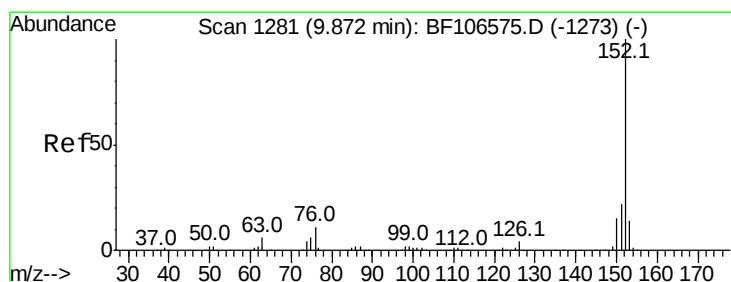
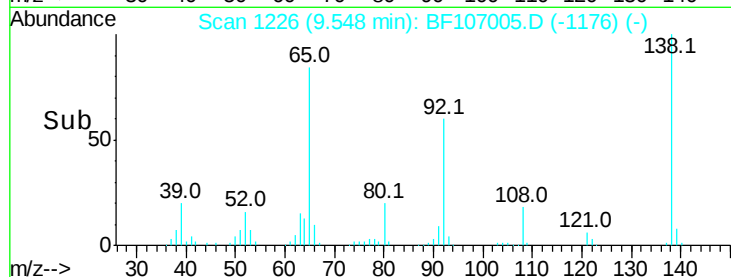
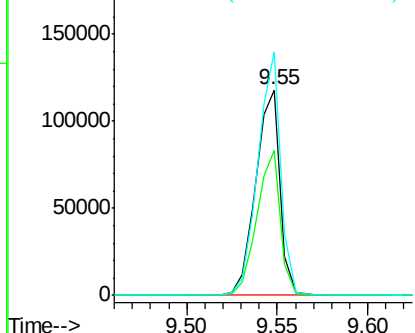
#47
2-Nitroaniline
Concen: 35.762 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF107005.D
Acq: 30 Jun 2018 10:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 109643
Ion Ratio Lower Upper
65 100
92 70.5 55.8 83.6
138 118.5 91.2 136.8

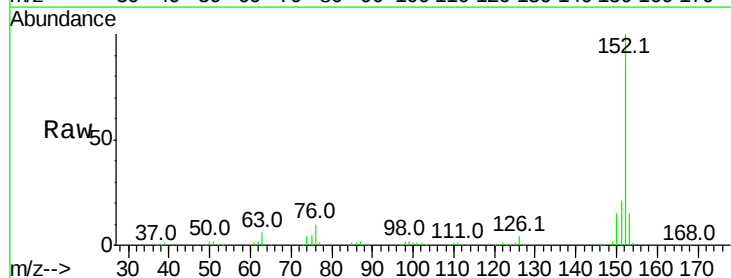


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

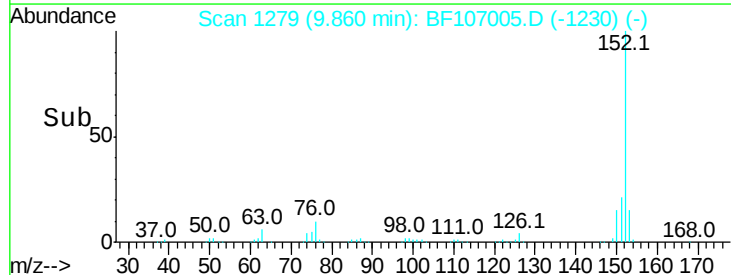
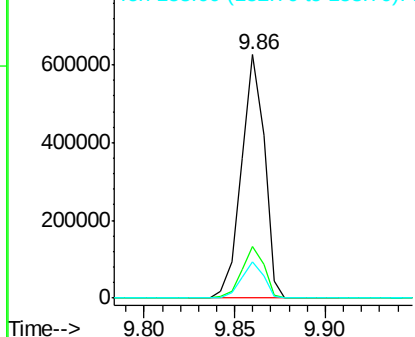


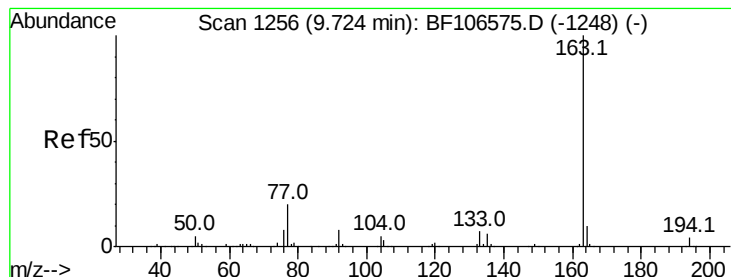
#48
Acenaphthylene
Concen: 38.439 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF107005.D
Acq: 30 Jun 2018 10:59

Tgt Ion: 152 Resp: 553316
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 14.7 10.7 16.1



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





#49

Dimethylphthalate

Concen: 37.950 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_F

ClientSampleId :

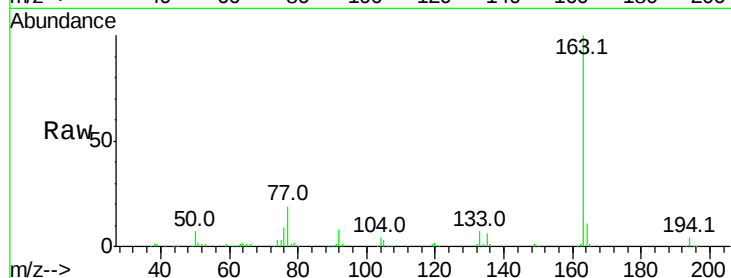
Tot Ion:163 Resp: 413685

Ion Ratio Lower Upper

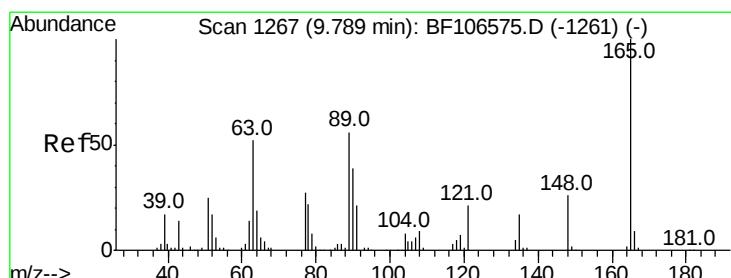
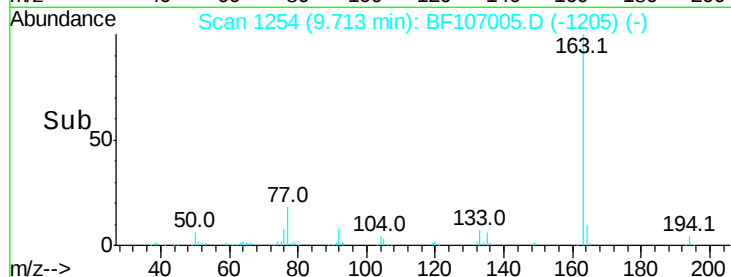
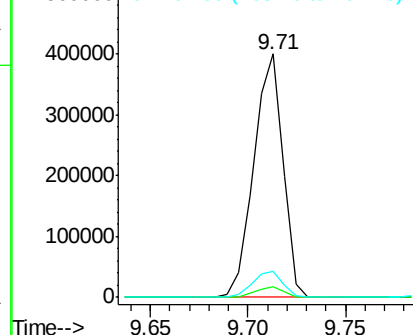
163 100

194 4.1 2.7 4.1#

164 10.8 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: 41.654 ng

RT: 9.78 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

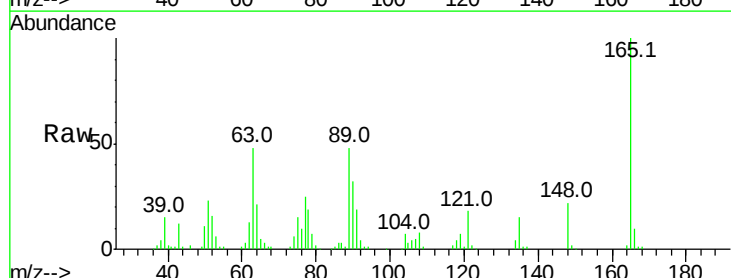
Tgt Ion:165 Resp: 96148

Ion Ratio Lower Upper

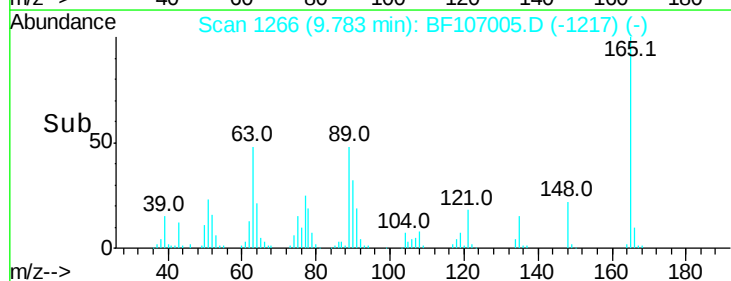
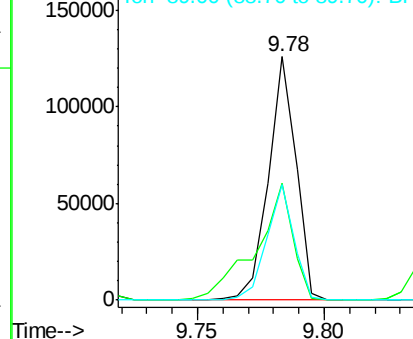
165 100

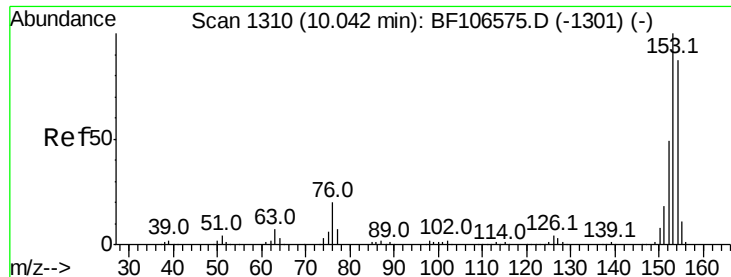
63 48.0 44.7 67.1

89 47.6 44.0 66.0



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





#51

Acenaphthene

Concen: 38.464 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

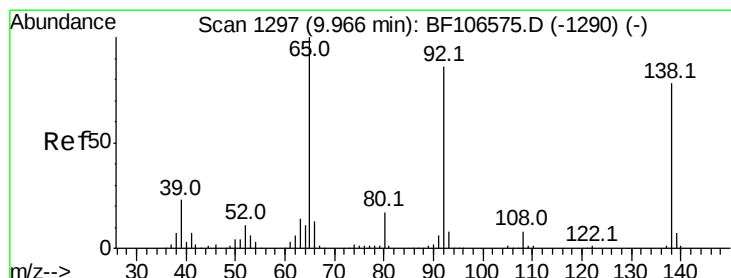
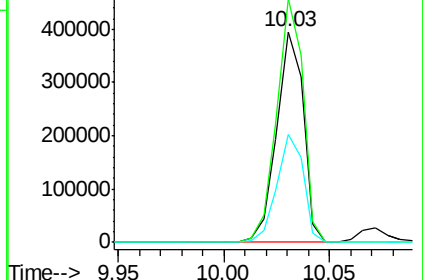
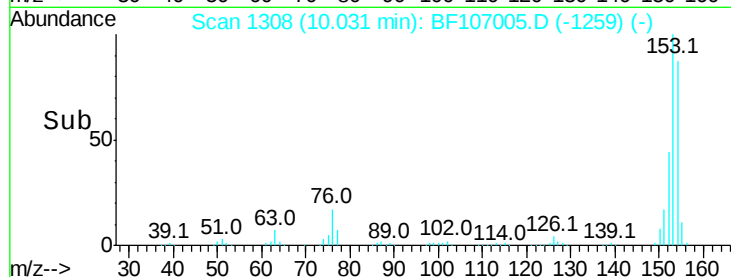
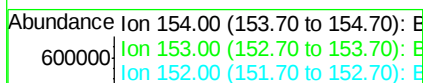
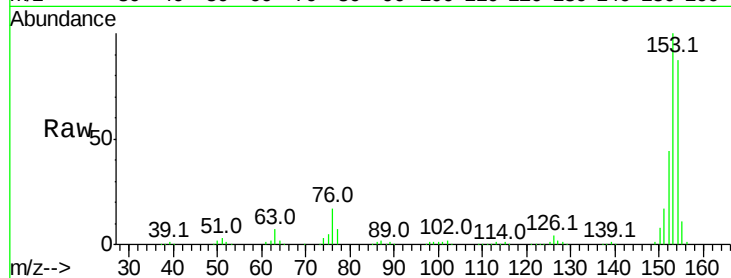
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 348657

Ion	Ratio	Lower	Upper
154	100		
153	115.5	91.2	136.8
152	51.2	43.8	65.8



#52

3-Nitroaniline

Concen: 39.390 ng

RT: 9.96 min Scan# 1296

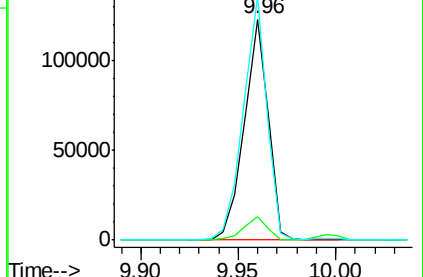
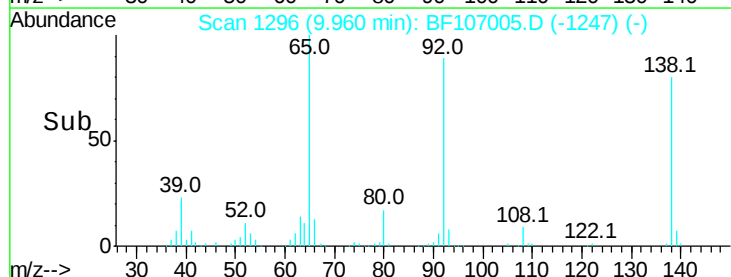
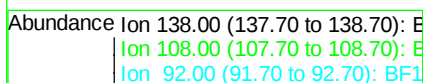
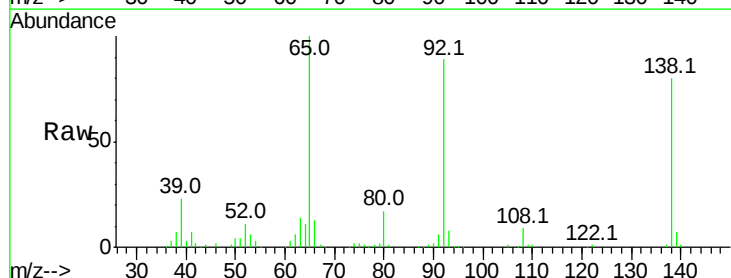
Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Tgt Ion:138 Resp: 104627

Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.4	14.0
92	110.4	89.4	134.2

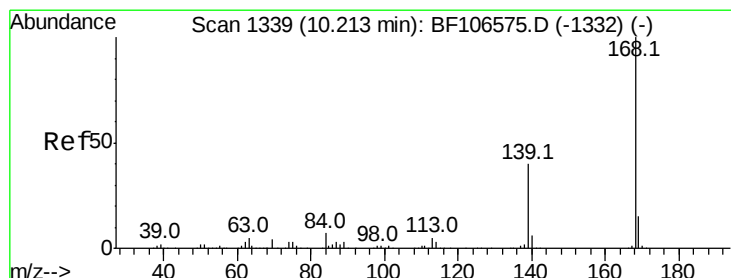
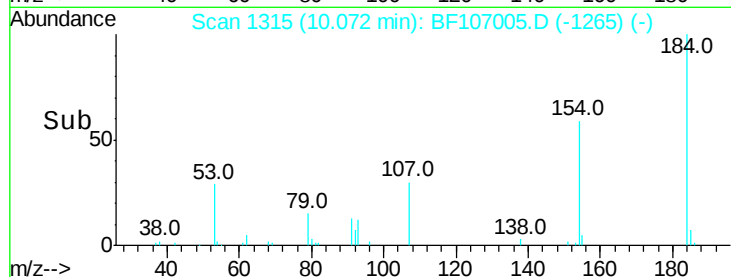
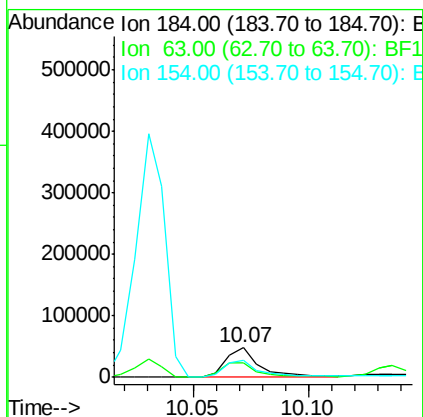
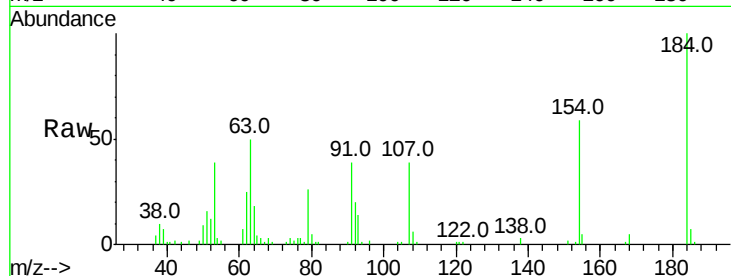




#53
 2,4-Dinitrophenol
 Concen: 44.656 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF107005.D
 Acq: 30 Jun 2018 10:59

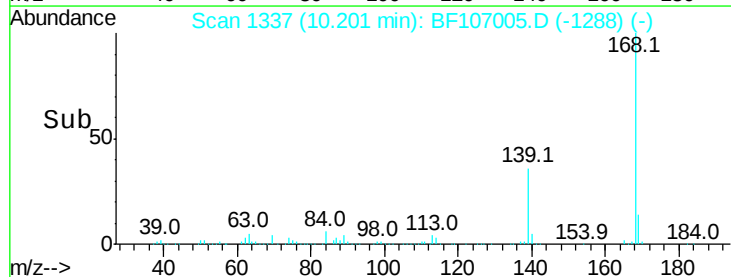
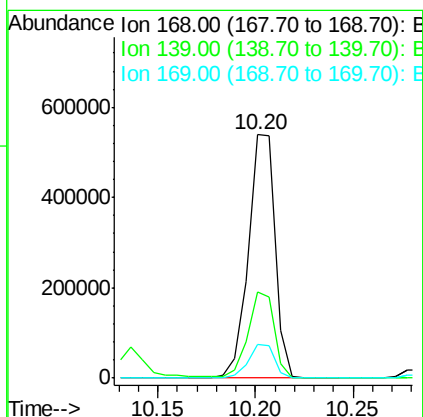
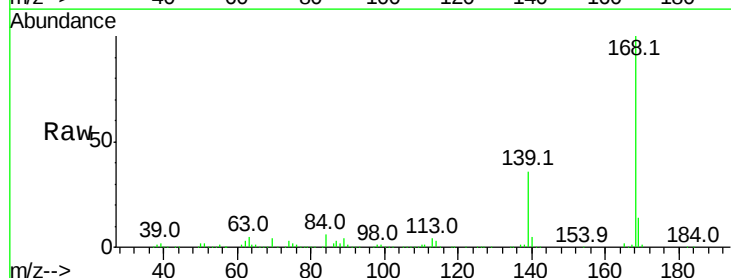
Instrument :
 BNA_F
 ClientSampled :

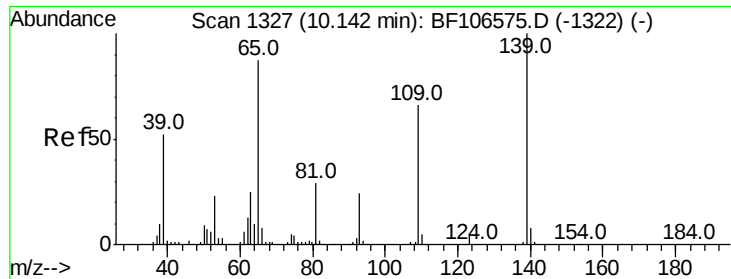
Tot Ion:184 Resp: 50551
 Ion Ratio Lower Upper
 184 100
 63 49.7 54.2 81.2#
 154 58.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 41.290 ng
 RT: 10.20 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF107005.D
 Acq: 30 Jun 2018 10:59

Tgt Ion:168 Resp: 512492
 Ion Ratio Lower Upper
 168 100
 139 35.6 30.1 45.1
 169 13.7 10.9 16.3

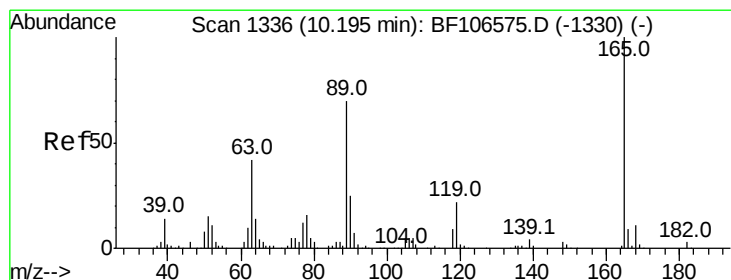
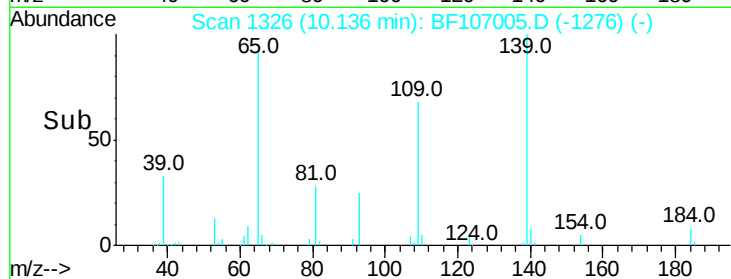
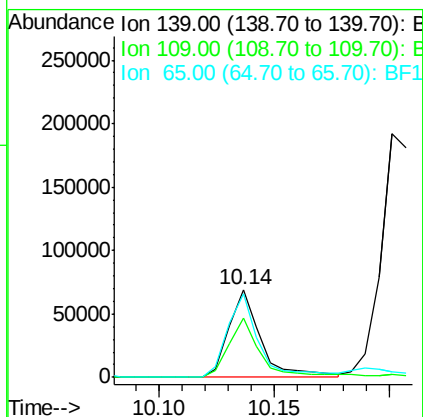
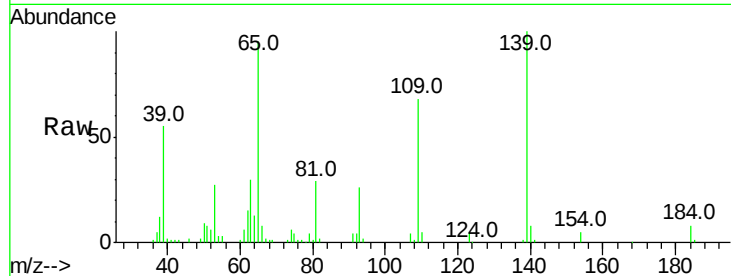




#55
4-Nitrophenol
Concen: 35.892 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF107005.D
Acq: 30 Jun 2018 10:59

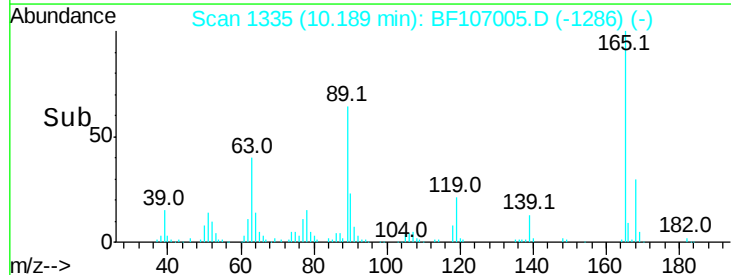
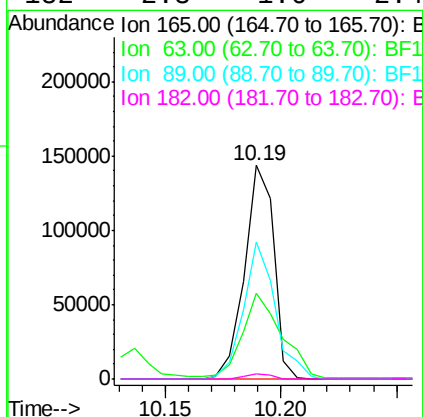
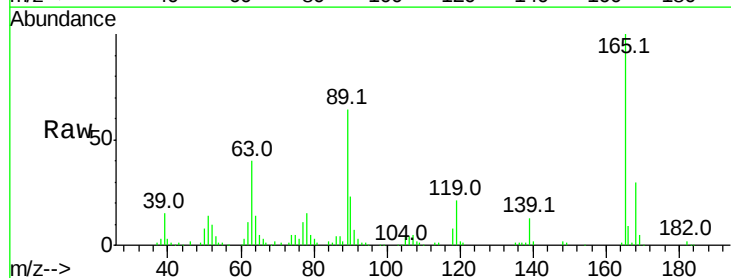
Instrument :
BNA_F
ClientSampled :

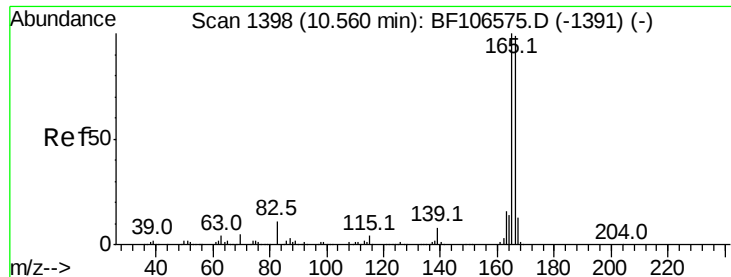
Tot Ion:139 Resp: 66545
Ion Ratio Lower Upper
139 100
109 68.0 48.4 88.4
65 94.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 42.226 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF107005.D
Acq: 30 Jun 2018 10:59

Tgt Ion:165 Resp: 127223
Ion Ratio Lower Upper
165 100
63 40.4 36.4 54.6
89 63.9 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 42.260 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_F

ClientSampleId :

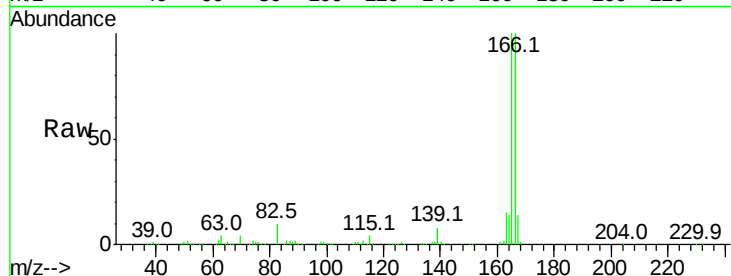
Tot Ion:166 Resp: 416233

Ion Ratio Lower Upper

166 100

165 99.8 79.8 119.8

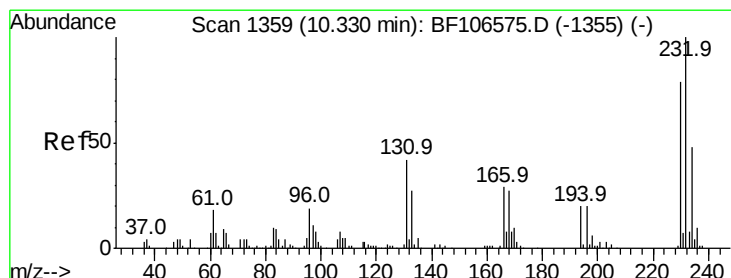
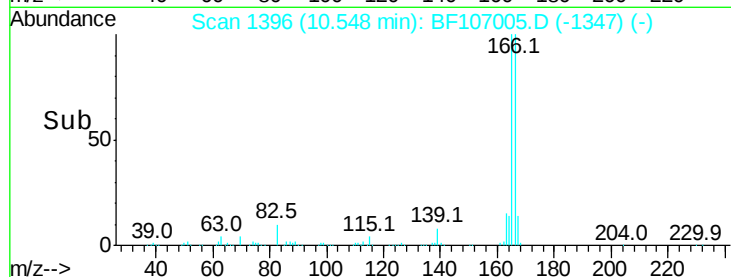
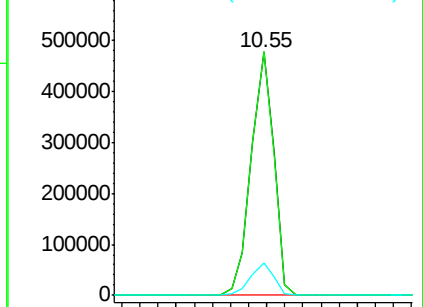
167 13.5 10.6 16.0



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: 39.418 ng

RT: 10.32 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Tgt Ion:232 Resp: 106378

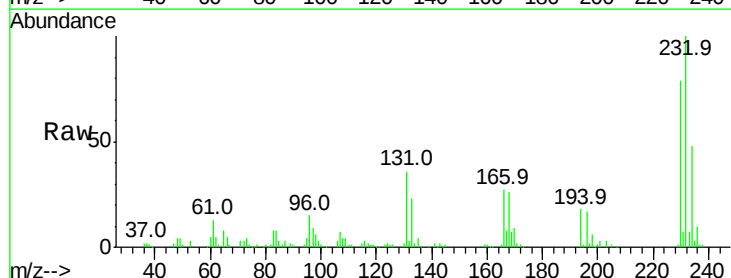
Ion Ratio Lower Upper

232 100

131 34.2 43.8 65.8#

130 1.5 2.1 3.1#

166 25.0 27.8 41.6#

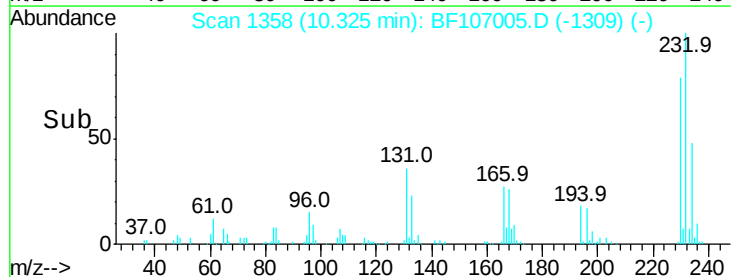
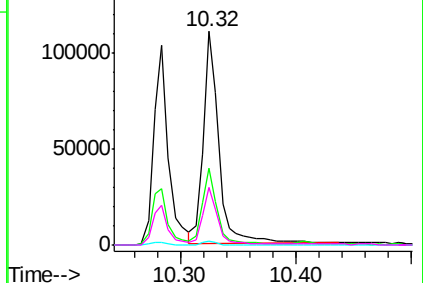


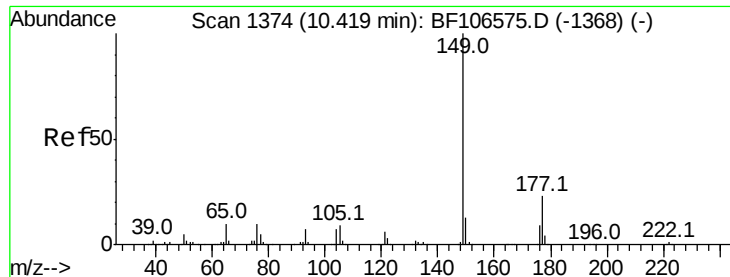
Abundance Ion 232.00 (231.70 to 232.70): E

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

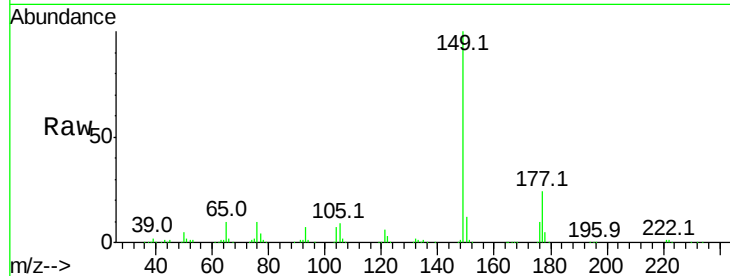




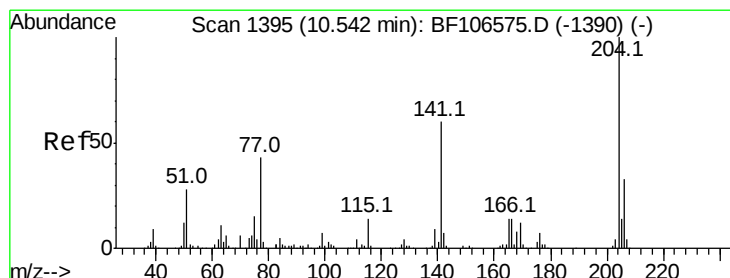
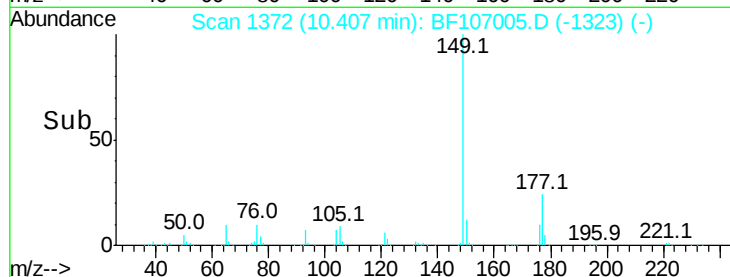
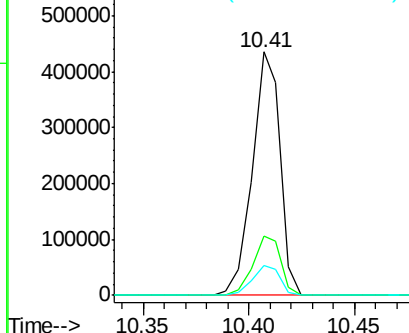
#59
Diethylphthalate
Concen: 37.748 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF107005.D
Acq: 30 Jun 2018 10:59

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.5	16.1	24.1#
150	12.4	10.1	15.1

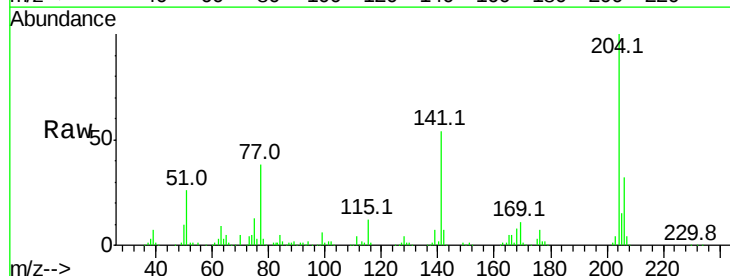


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

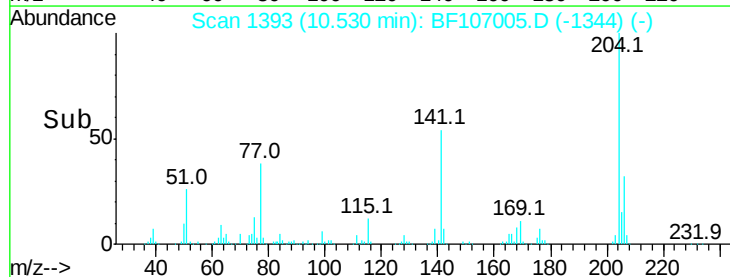
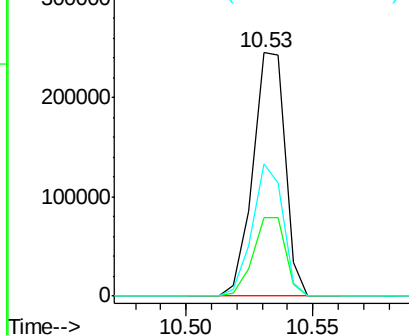


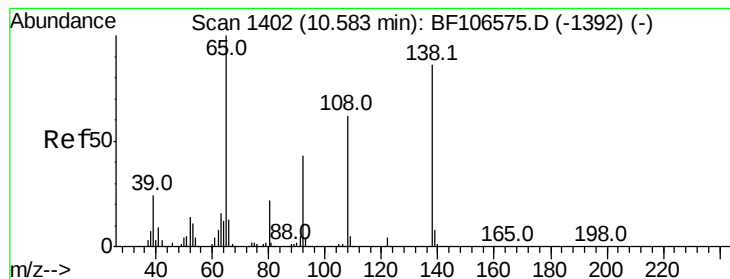
#60
4-Chlorophenyl-phenylether
Concen: 42.493 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF107005.D
Acq: 30 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	54.2	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: 40.439 ng

RT: 10.58 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_F

ClientSampled :

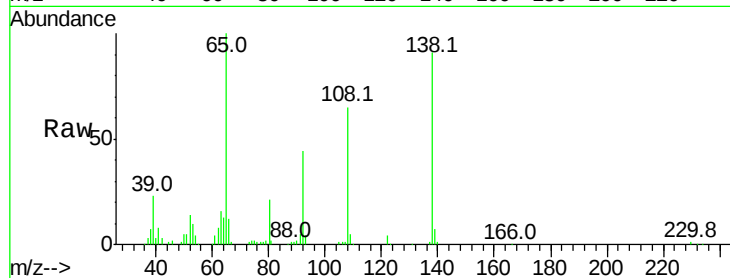
Tot Ion:138 Resp: 106602

Ion Ratio Lower Upper

138 100

92 48.6 30.2 70.2

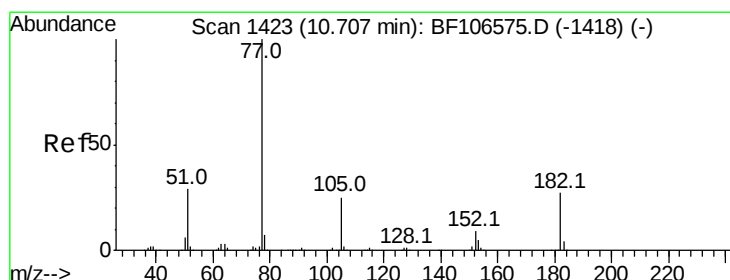
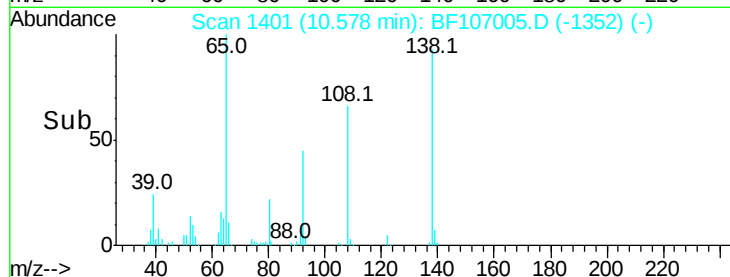
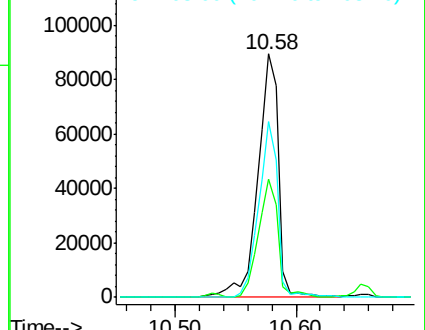
108 72.1 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.900 ng

RT: 10.70 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Tgt Ion: 77 Resp: 361581

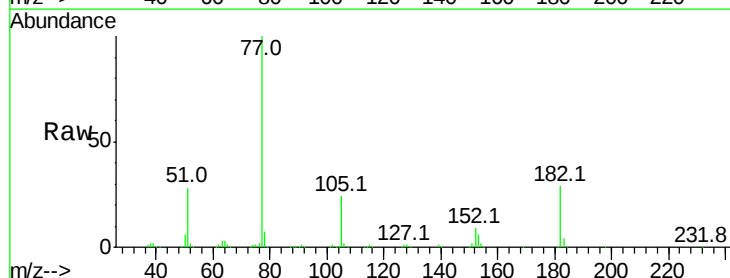
Ion Ratio Lower Upper

77 100

182 29.4 1.7 41.7

105 24.2 3.0 43.0

51 27.6 9.9 49.9

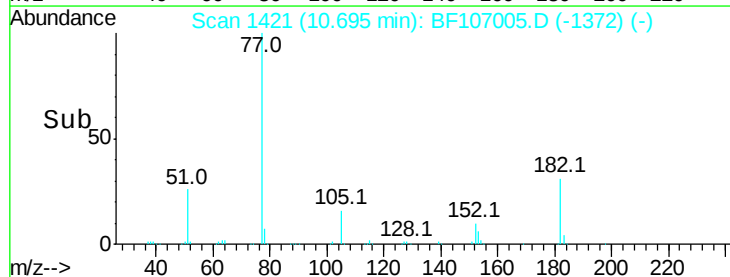
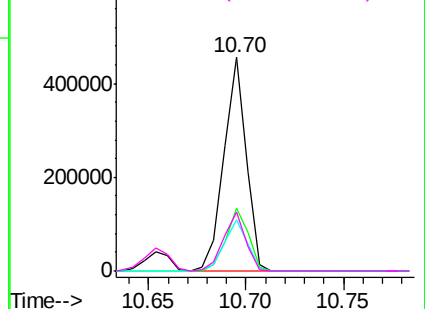


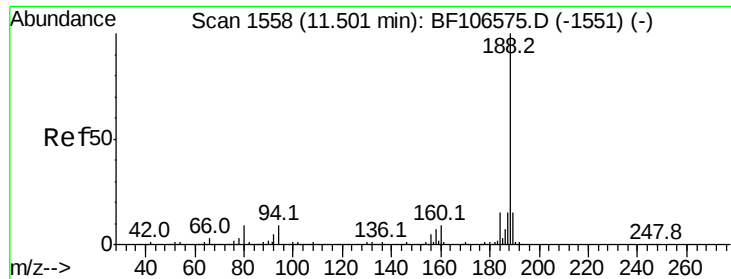
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

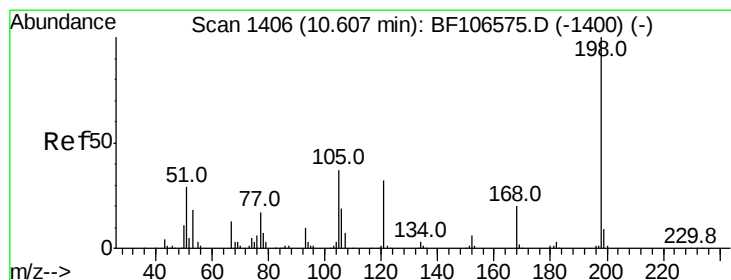
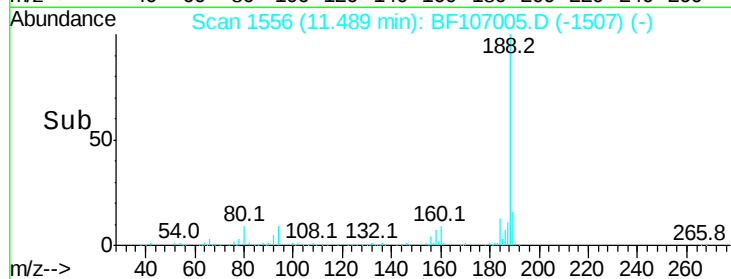
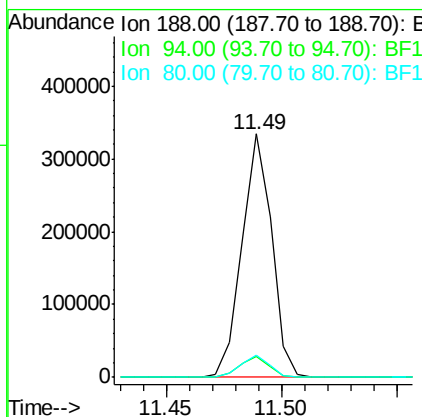
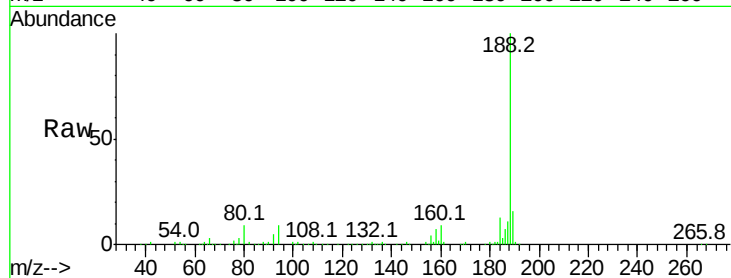




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107005.D
Acq: 30 Jun 2018 10:59

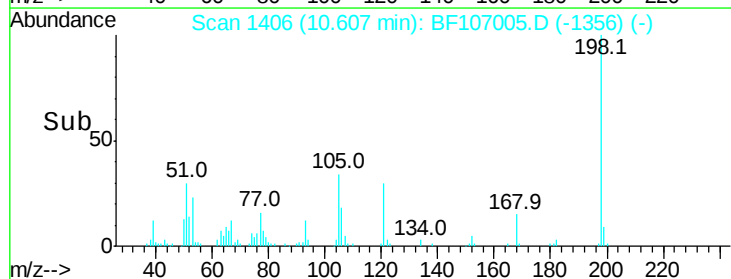
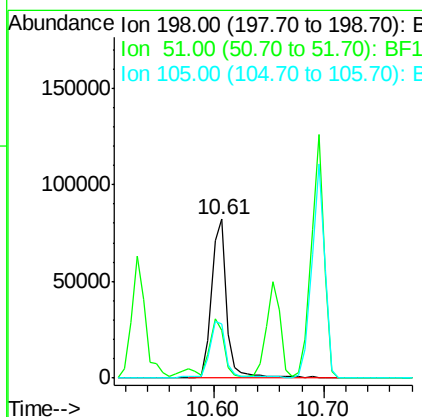
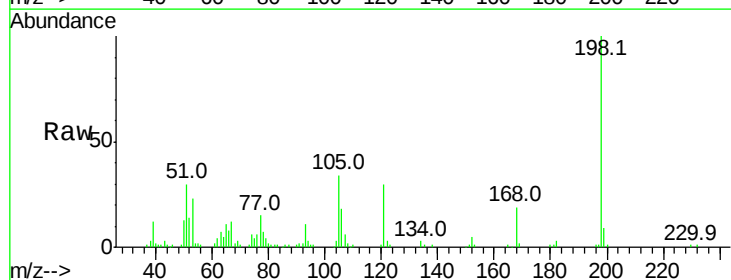
Instrument :
BNA_F
ClientSampleId :

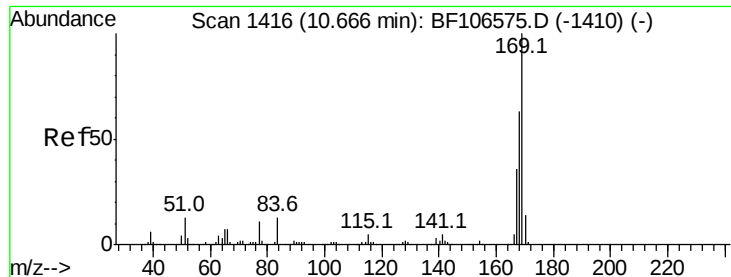
Tot Ion:188 Resp: 302100
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 9.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 40.717 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF107005.D
Acq: 30 Jun 2018 10:59

Tgt Ion:198 Resp: 76036
Ion Ratio Lower Upper
198 100
51 30.0 37.7 77.7#
105 34.2 36.3 76.3#





#65

n-Nitrosodiphenylamine

Concen: 36.851 ng

RT: 10.65 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_F

ClientSampleId :

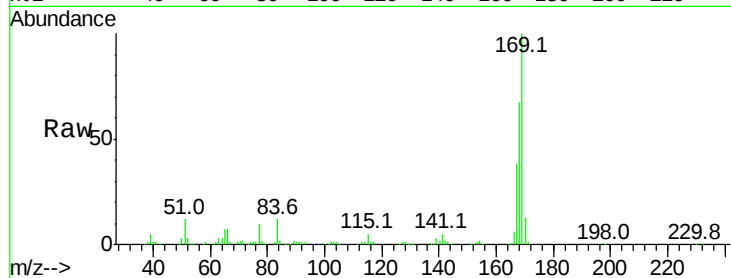
Tot Ion:169 Resp: 374454

Ion Ratio Lower Upper

169 100

168 67.2 54.4 81.6

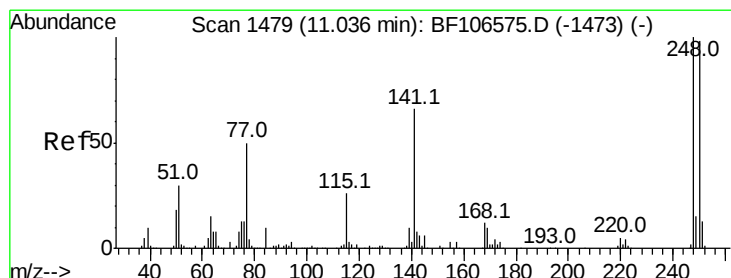
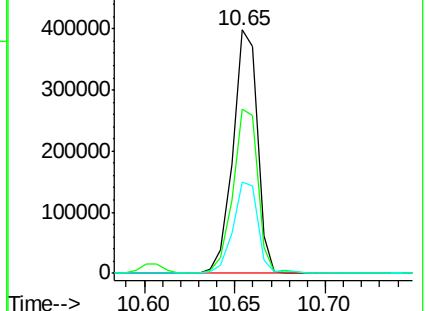
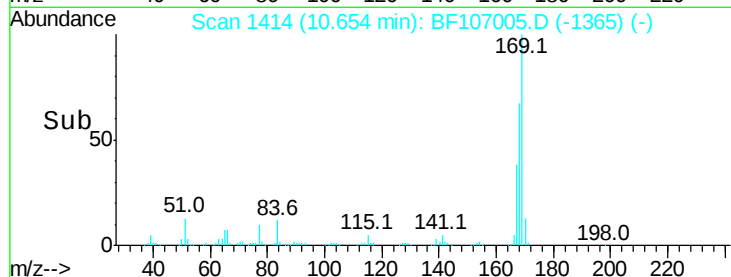
167 37.7 29.8 44.6



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: 41.058 ng

RT: 11.02 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

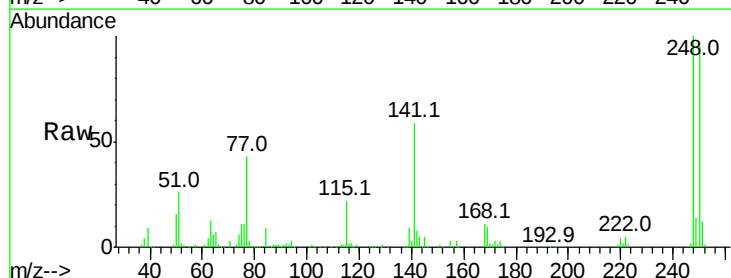
Tgt Ion:248 Resp: 148029

Ion Ratio Lower Upper

248 100

250 94.7 76.9 115.3

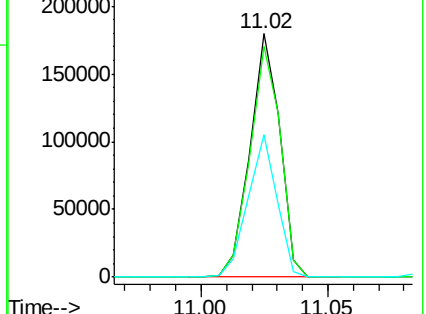
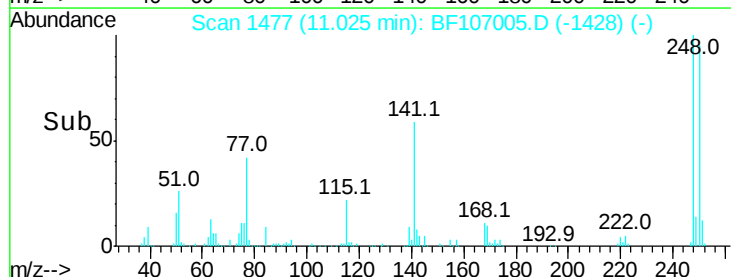
141 58.7 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.628 ng

RT: 11.10 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_F

ClientSampleId :

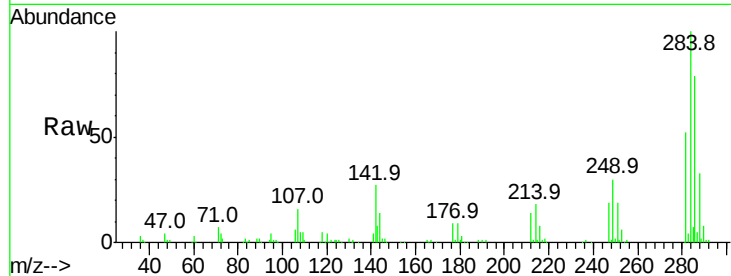
Tot Ion:284 Resp: 160860

Ion Ratio Lower Upper

284 100

142 26.8 34.6 52.0#

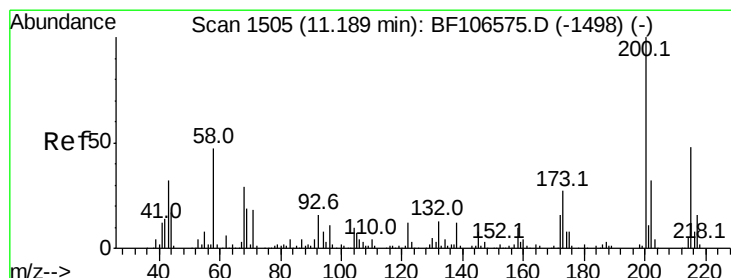
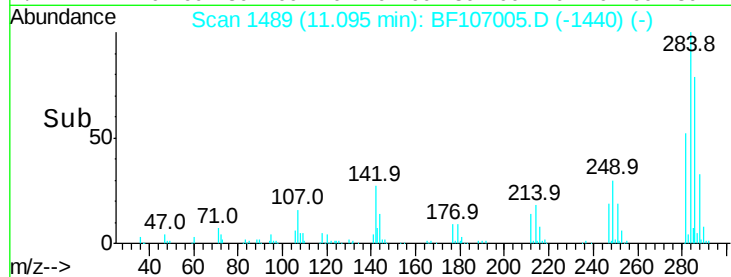
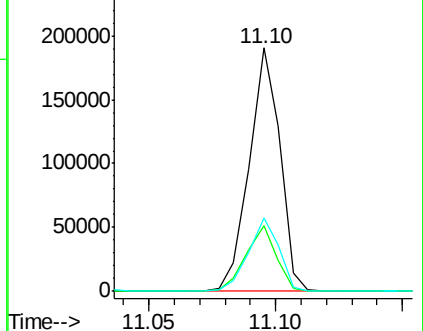
249 30.3 24.8 37.2



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: 40.065 ng

RT: 11.18 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

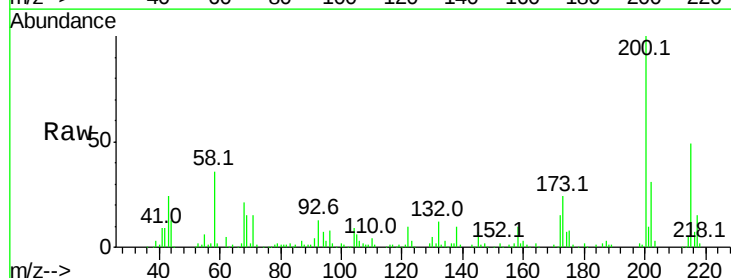
Tgt Ion:200 Resp: 129420

Ion Ratio Lower Upper

200 100

173 24.1 8.6 48.6

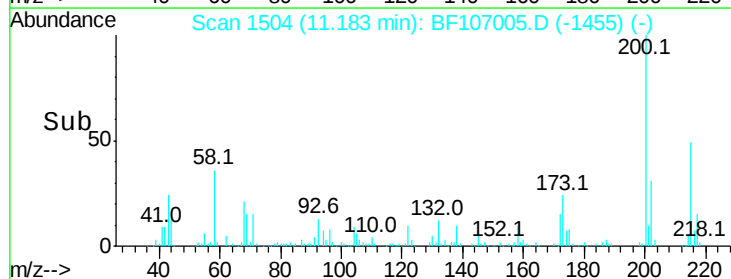
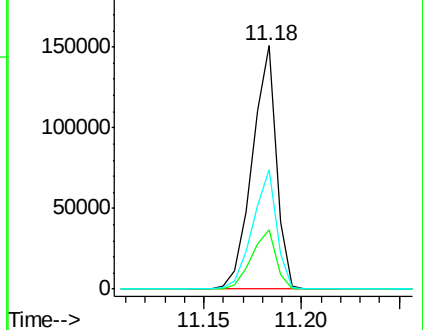
215 48.8 25.1 65.1



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

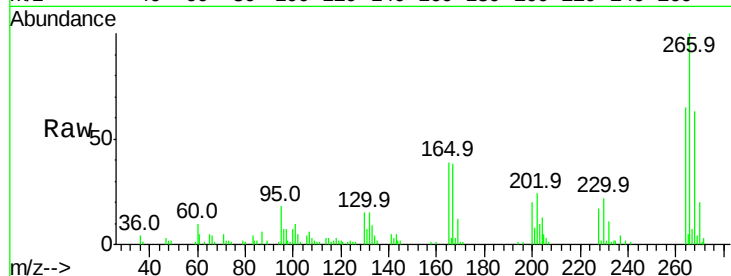




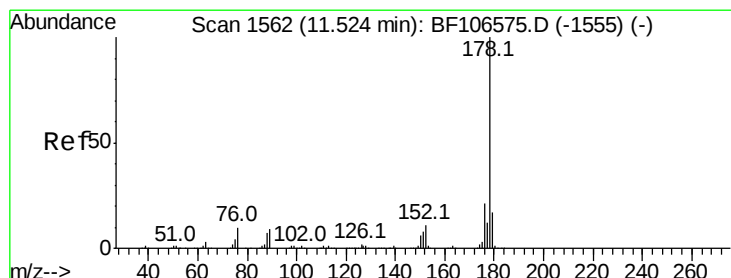
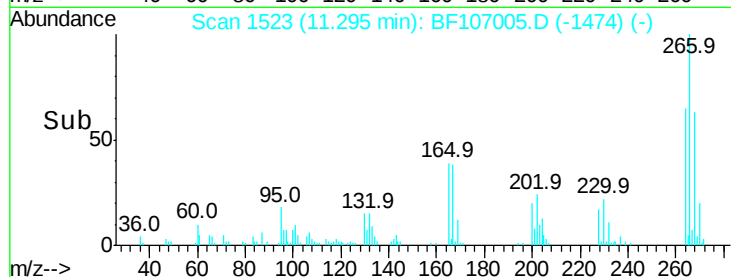
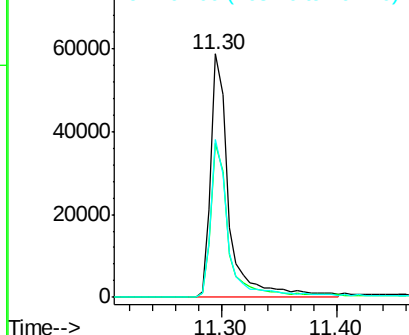
#69
 Pentachlorophenol
 Concen: 34.657 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF107005.D
 Acq: 30 Jun 2018 10:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 65254
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.1 76.7
 264 64.8 49.5 74.3

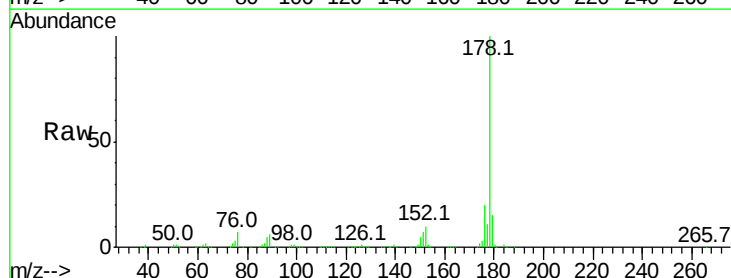


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

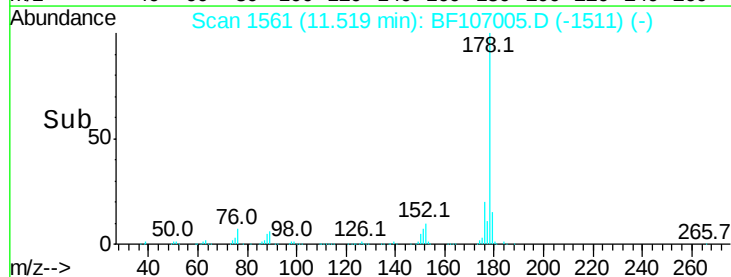
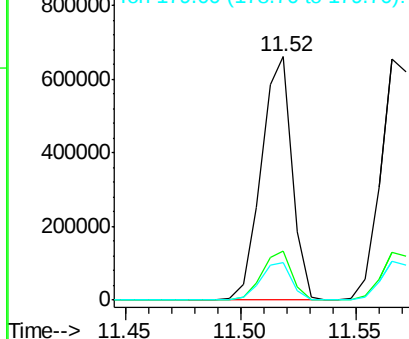


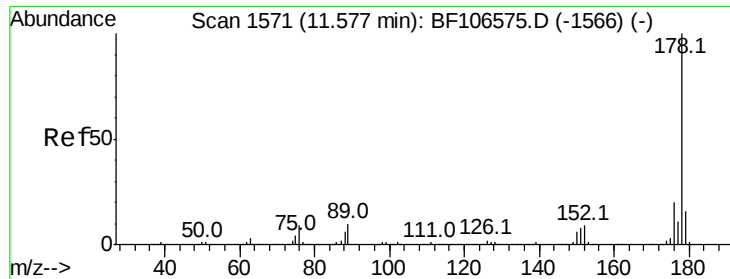
#70
 Phenanthrene
 Concen: 42.152 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF107005.D
 Acq: 30 Jun 2018 10:59

Tgt Ion:178 Resp: 614190
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.8
 179 15.3 13.0 19.6



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

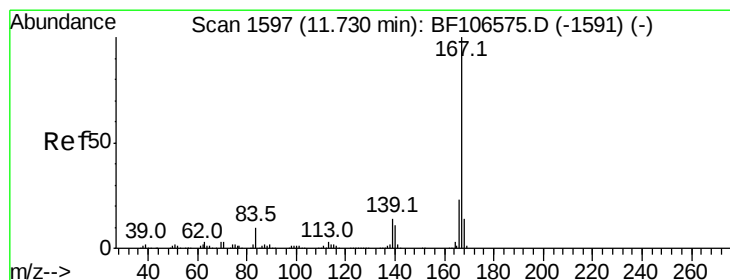
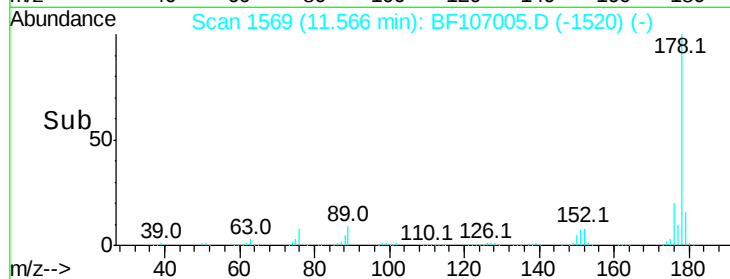
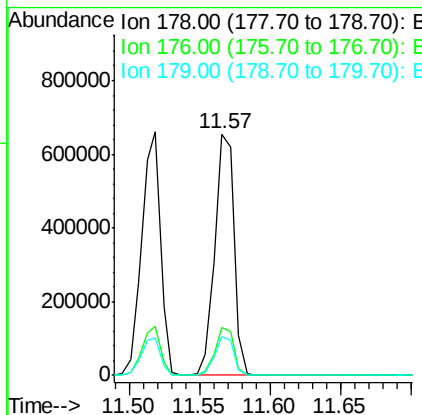
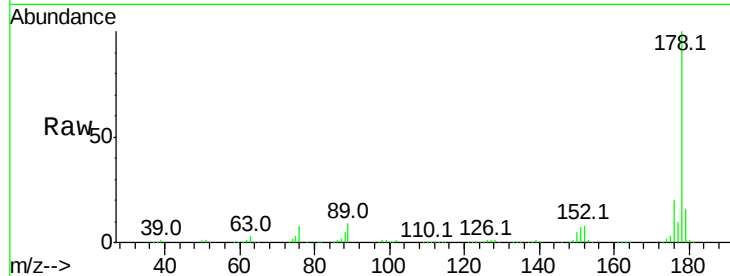




#71
 Anthracene
 Concen: 42.008 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF107005.D
 Acq: 30 Jun 2018 10:59

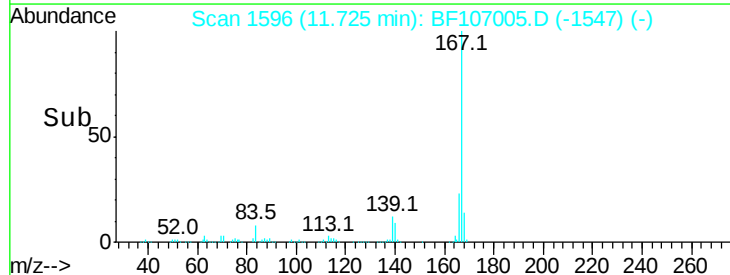
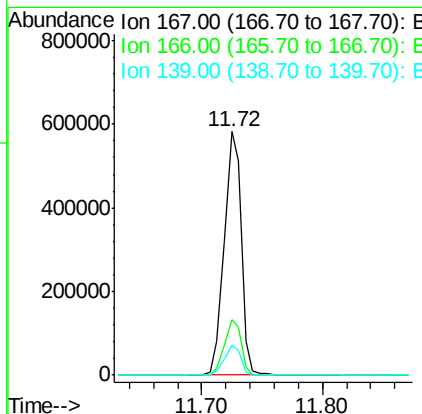
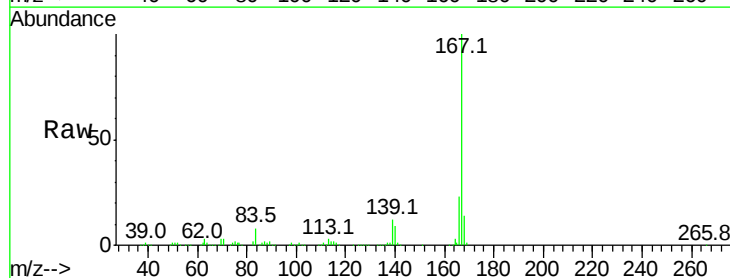
Instrument :
 BNA_F
 ClientSampleId :

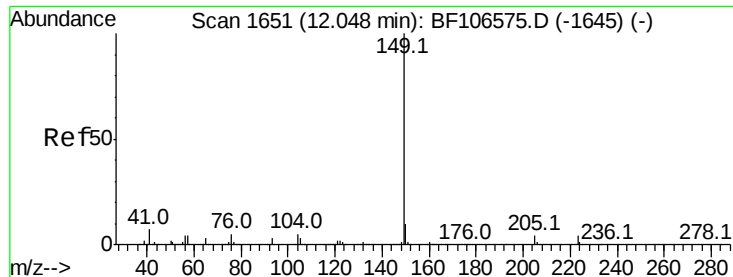
Tot Ion:178 Resp: 624770
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 40.992 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF107005.D
 Acq: 30 Jun 2018 10:59

Tgt Ion:167 Resp: 570784
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 12.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.744 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_F

ClientSampled :

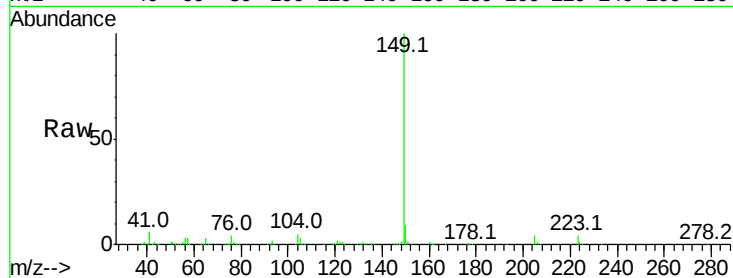
Tot Ion:149 Resp: 619163

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

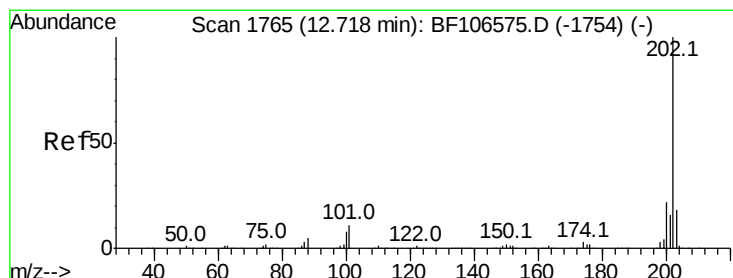
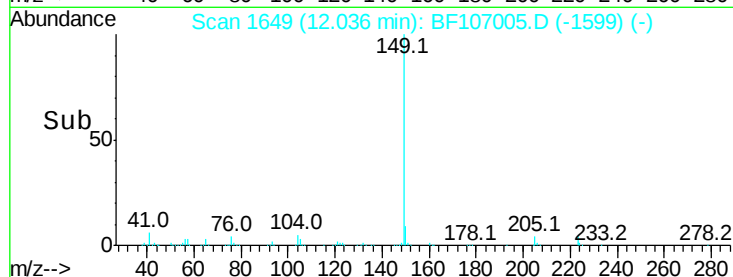
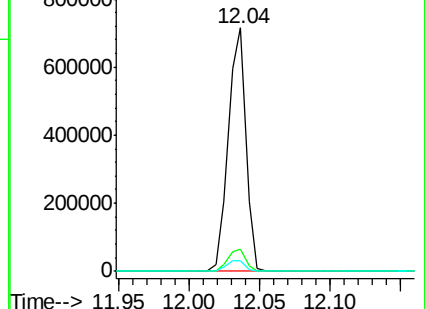
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.951 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

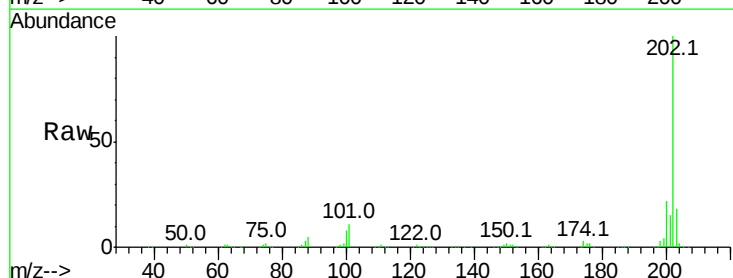
Tgt Ion:202 Resp: 689790

Ion Ratio Lower Upper

202 100

101 10.6 0.0 34.1

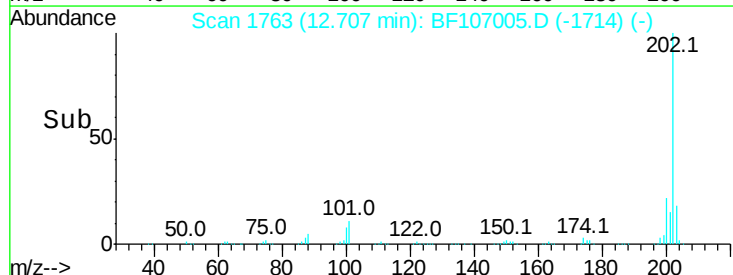
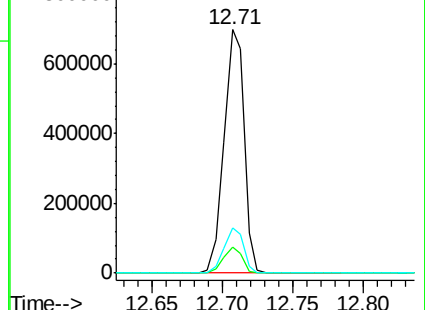
203 18.3 0.0 38.1

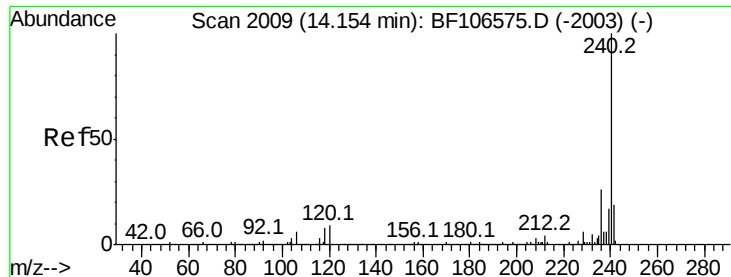


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_F

ClientSampleId :

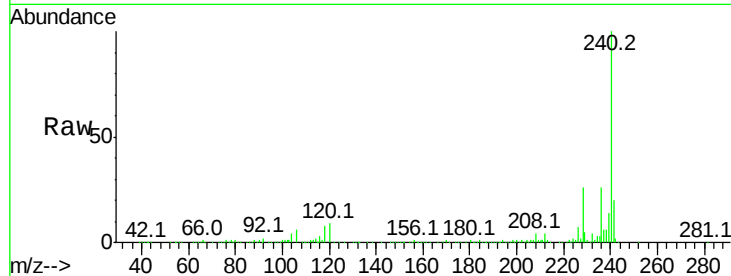
Tot Ion:240 Resp: 268773

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

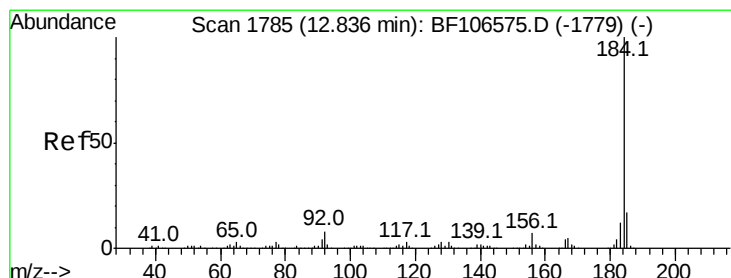
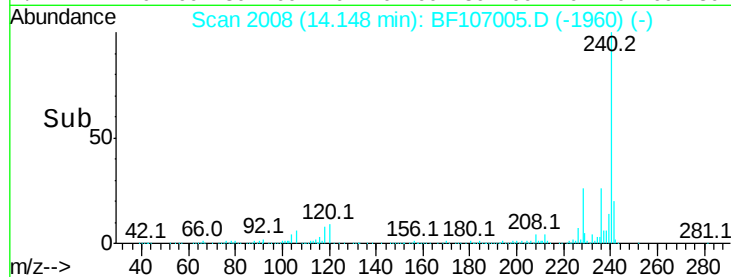
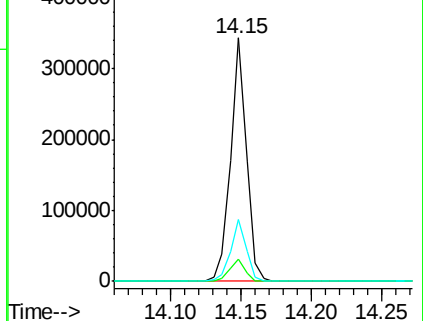
236 25.5 20.7 31.1



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: 38.278 ng

RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

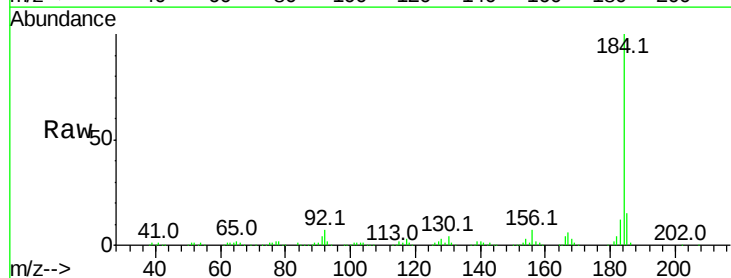
Tgt Ion:184 Resp: 293003

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

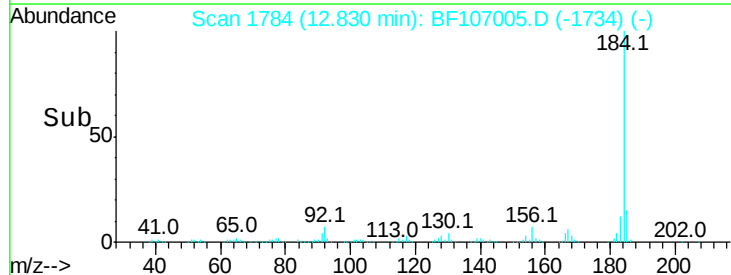
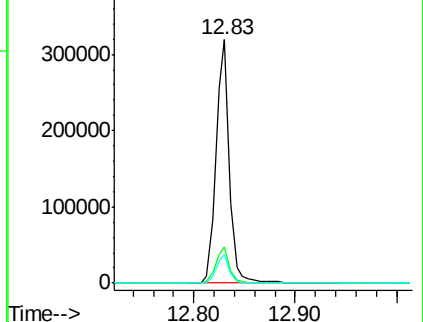
183 11.7 9.3 13.9

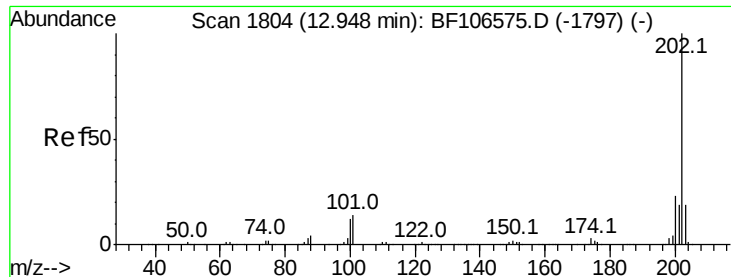


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

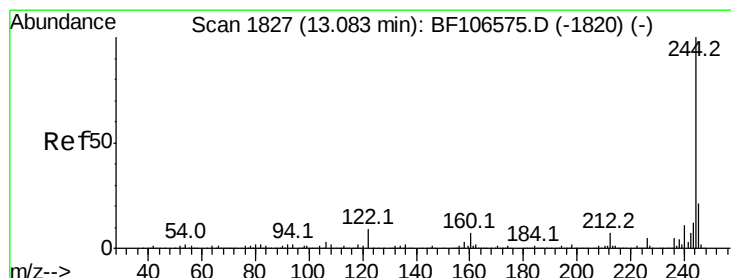
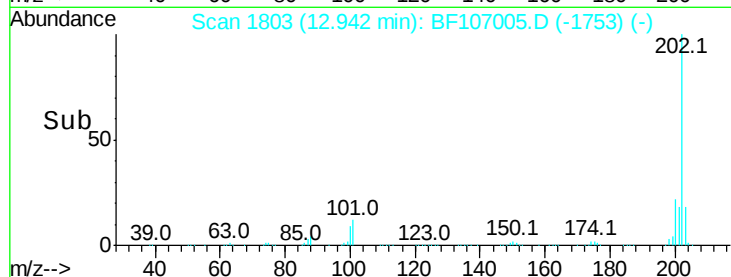
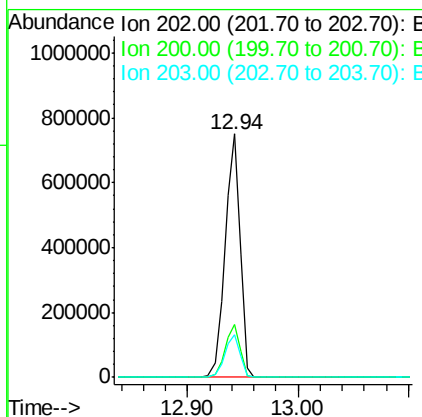
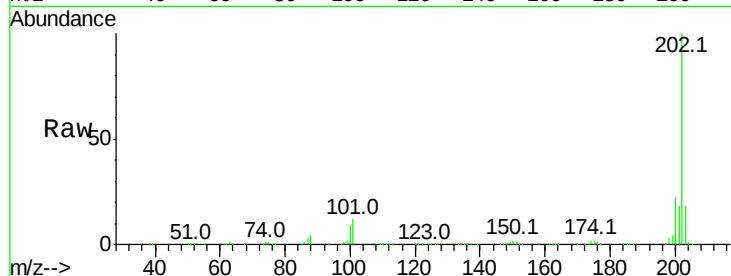




#77
 Pvrene
 Concen: 40.170 ng
 RT: 12.94 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BF107005.D
 Acq: 30 Jun 2018 10:59

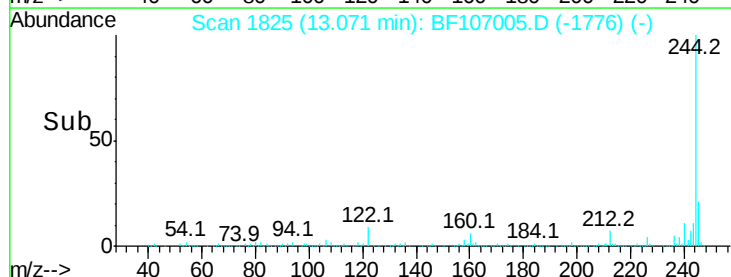
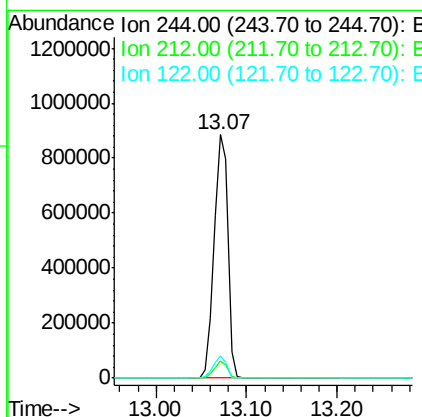
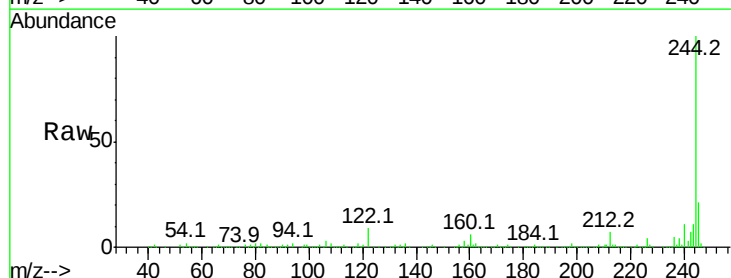
Instrument :
 BNA_F
 ClientSampleId :

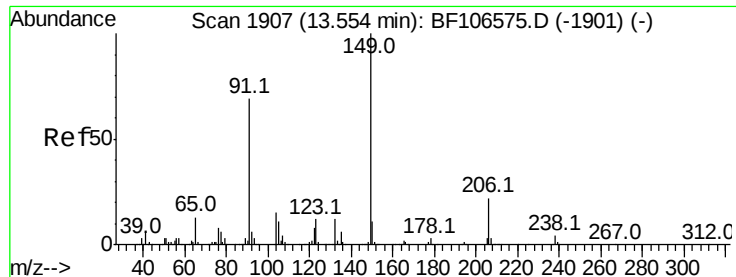
Tot Ion:202 Resp: 711963
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.4 26.2
 203 17.8 14.3 21.5



#78
 Terphenyl-d14
 Concen: 83.718 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107005.D
 Acq: 30 Jun 2018 10:59

Tgt Ion:244 Resp: 928914
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 8.9 11.0 16.4#

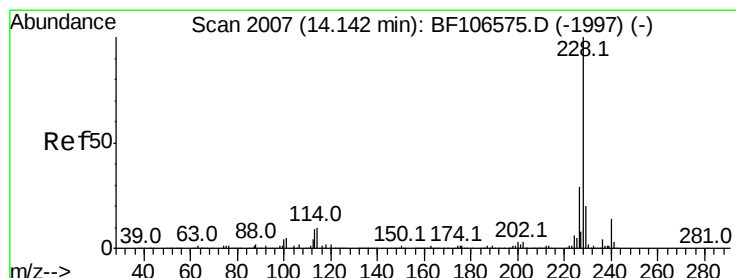
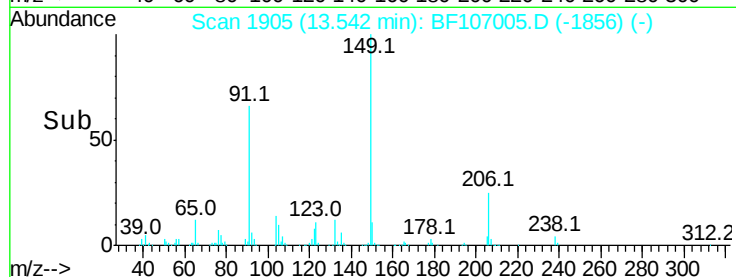
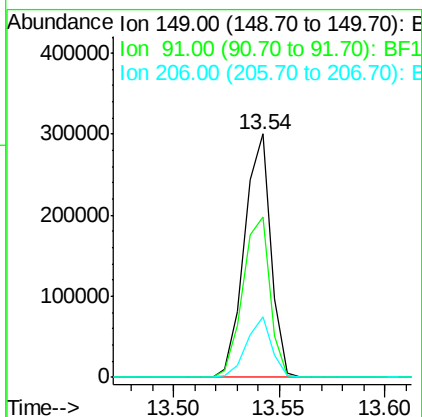
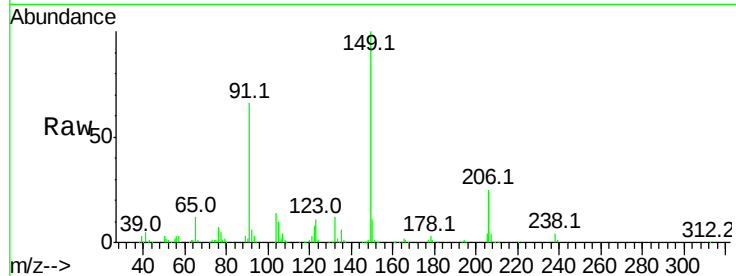




#79
Butylbenzylphthalate
Concen: 35.812 ng
RT: 13.54 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF107005.D
Acq: 30 Jun 2018 10:59

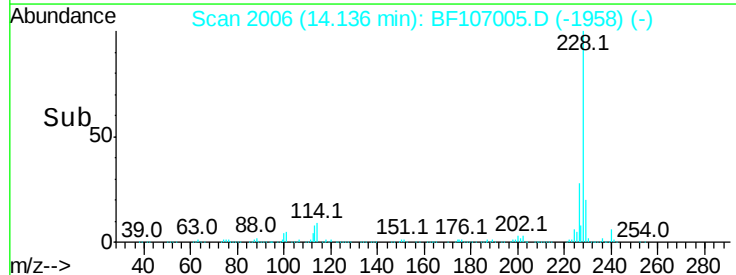
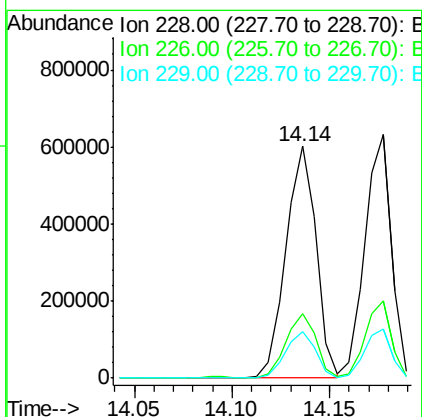
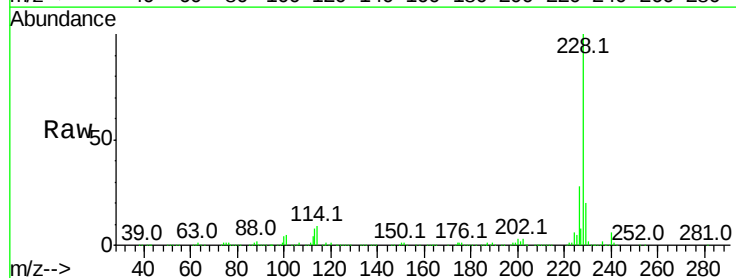
Instrument :
BNA_F
ClientSampleId :

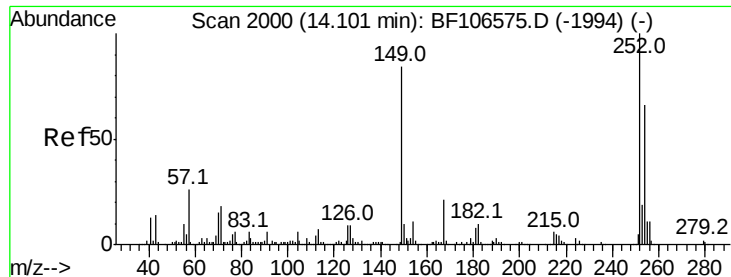
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.8	56.8	85.2
206	24.7	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.246 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107005.D
Acq: 30 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.1	15.8	23.6

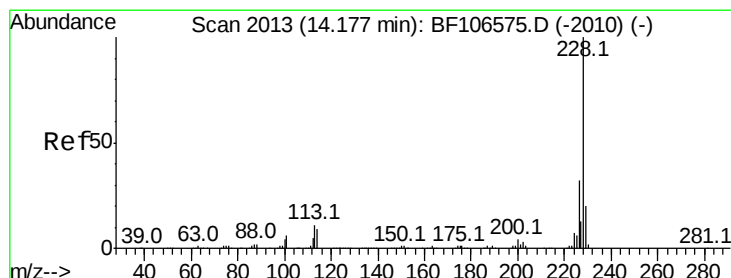
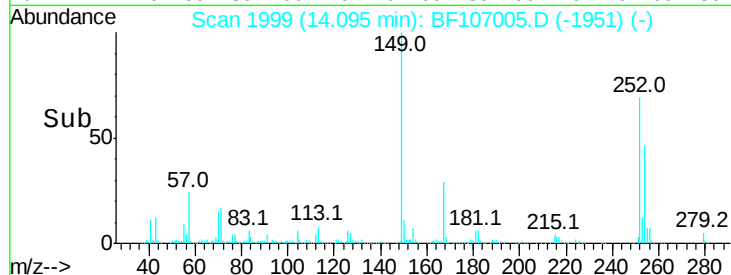
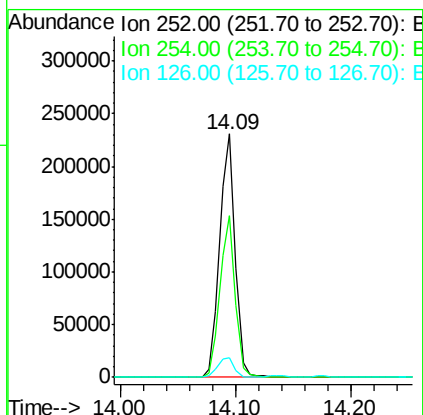
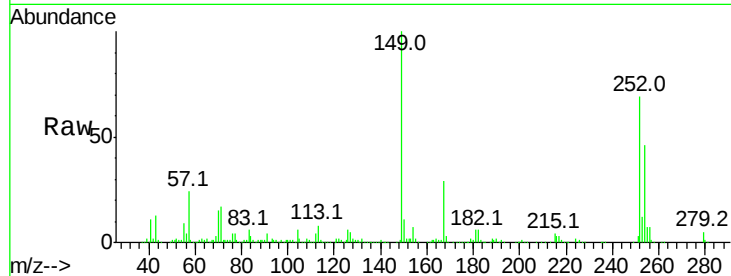




#81
 3,3'-Dichlorobenzidine
 Concen: 37.502 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF107005.D
 Acq: 30 Jun 2018 10:59

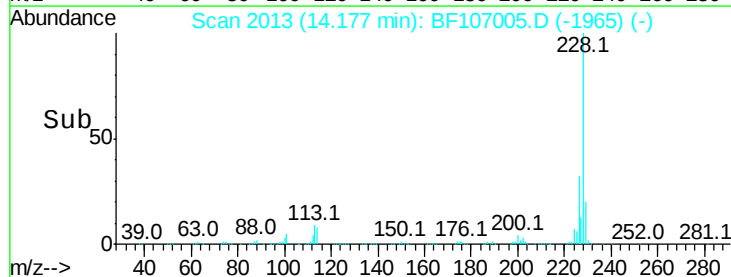
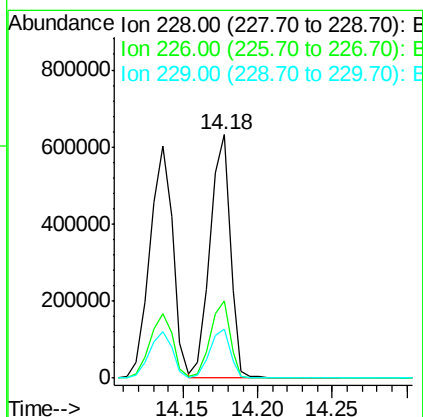
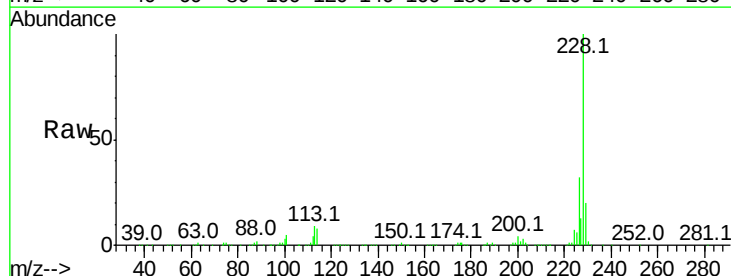
Instrument :
 BNA_F
 ClientSampleId :

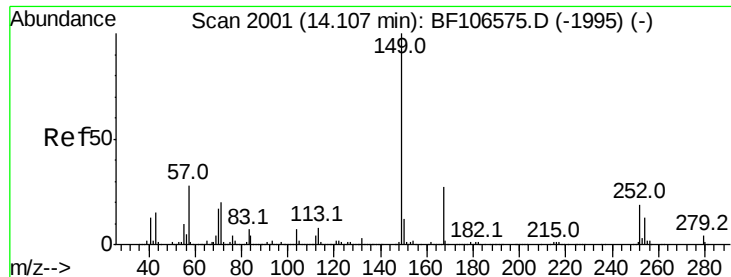
Tot Ion:252 Resp: 215906
 Ion Ratio Lower Upper
 252 100
 254 66.2 50.4 75.6
 126 8.3 11.3 16.9#



#82
 Chrysene
 Concen: 39.640 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.02 min
 Lab File: BF107005.D
 Acq: 30 Jun 2018 10:59

Tgt Ion:228 Resp: 597394
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.0 37.6
 229 20.4 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.825 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_F

ClientSampleId :

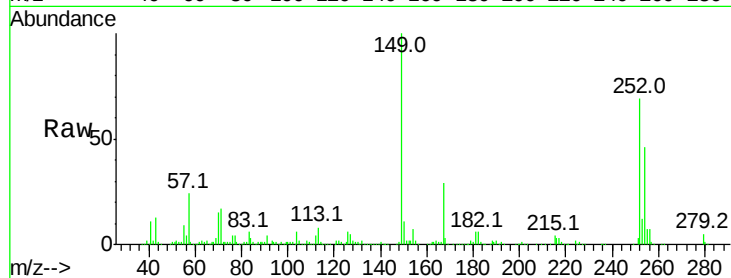
Tot Ion:149 Resp: 315127

Ion Ratio Lower Upper

149 100

167 28.9 21.3 31.9

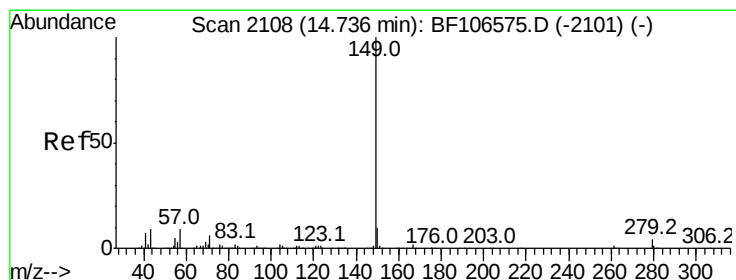
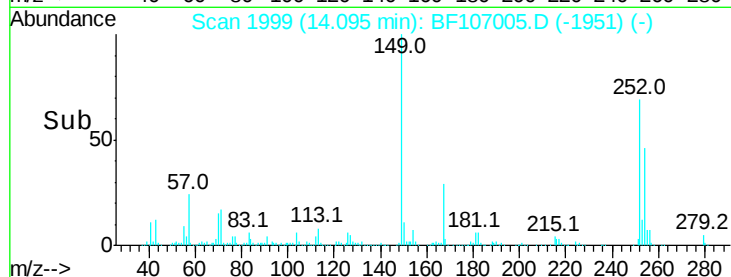
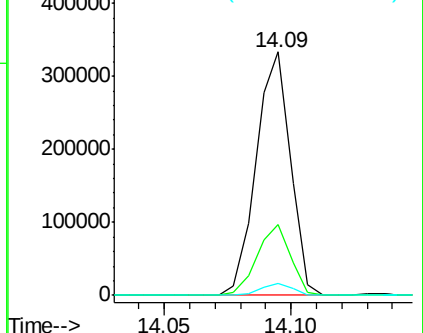
279 5.0 3.0 4.4#



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: 36.182 ng

RT: 14.72 min Scan# 2106

Delta R.T. -0.04 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

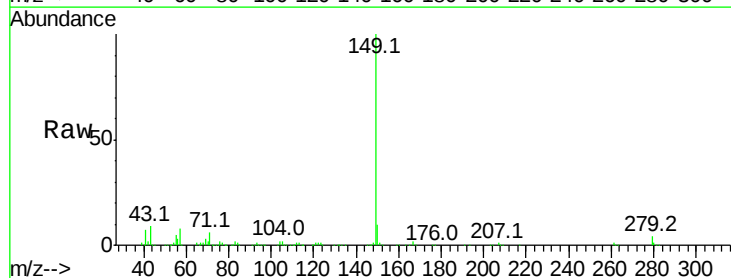
Tgt Ion:149 Resp: 549467

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

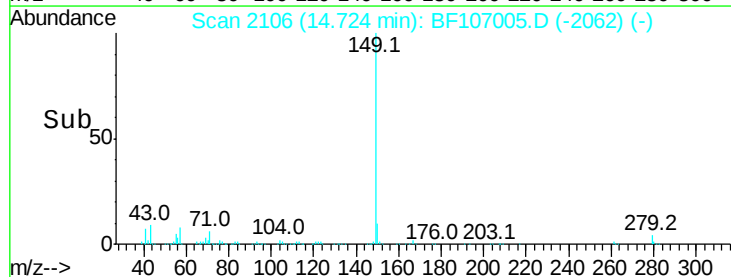
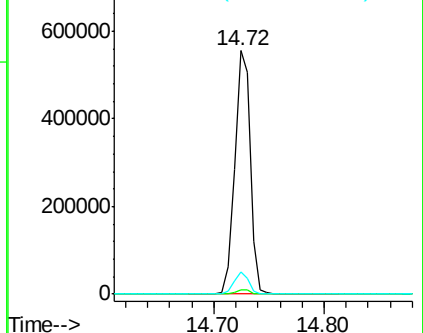
43 8.4 8.4 12.6

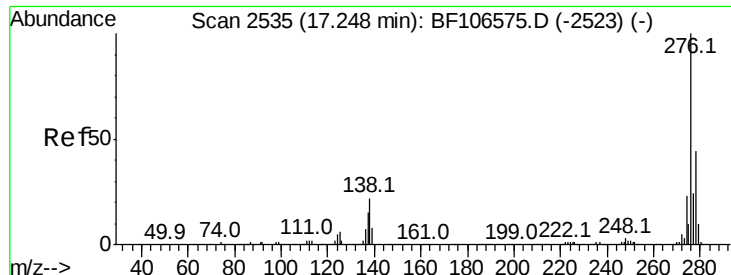


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.002 ng

RT: 17.27 min Scan# 2539

Delta R.T. -0.04 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_F

ClientSampled :

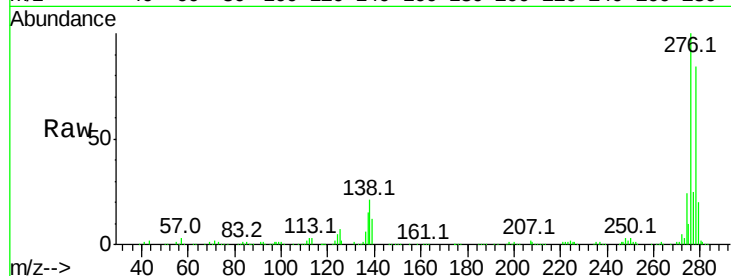
Tot Ion:276 Resp: 524380

Ion Ratio Lower Upper

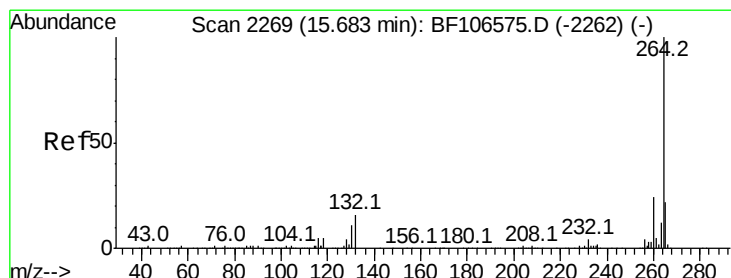
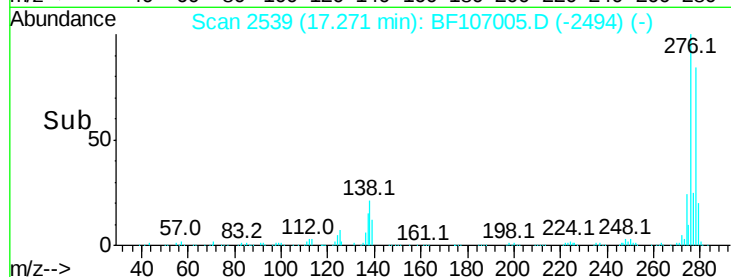
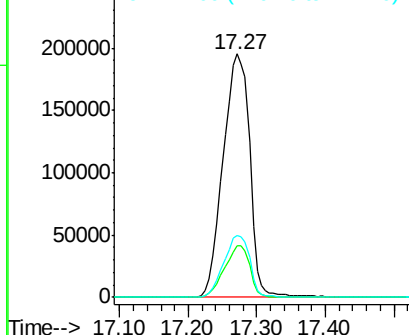
276 100

138 20.3 25.0 37.6#

277 24.8 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: 15.69 min Scan# 2270

Delta R.T. -0.03 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

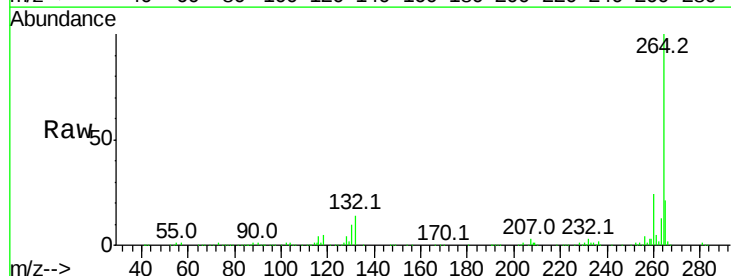
Tgt Ion:264 Resp: 236316

Ion Ratio Lower Upper

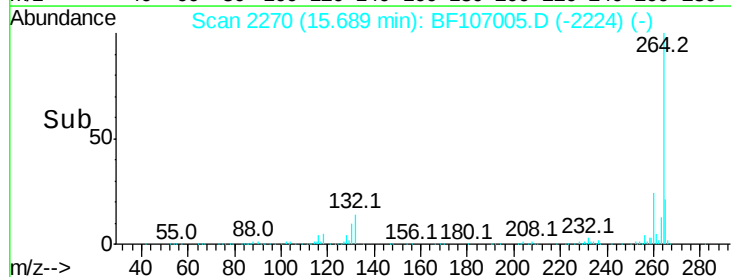
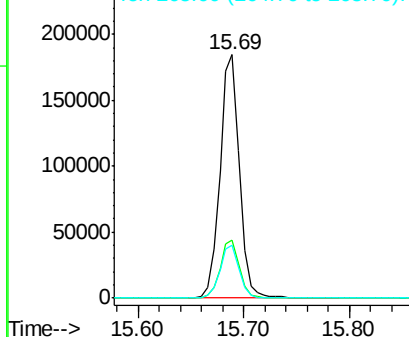
264 100

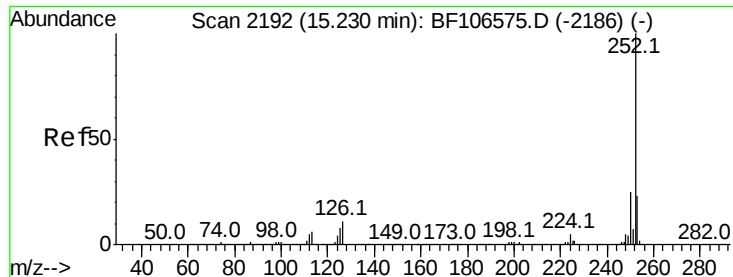
260 23.8 19.2 28.8

265 21.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

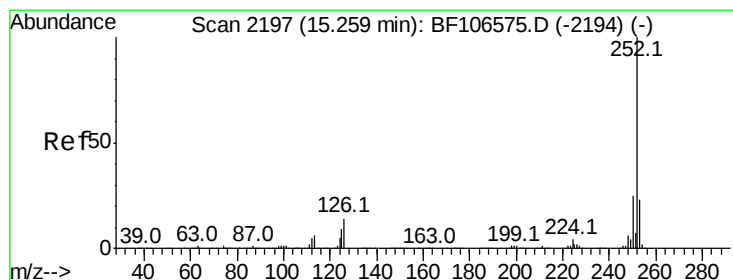
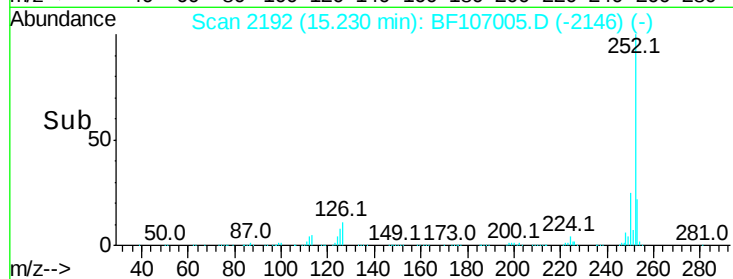
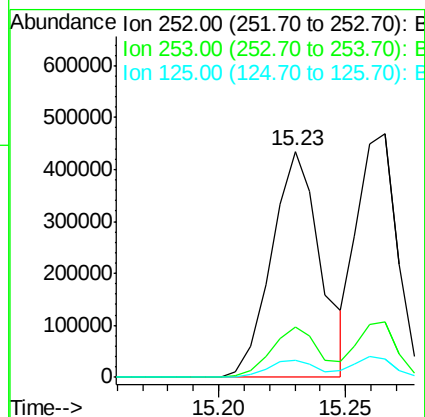
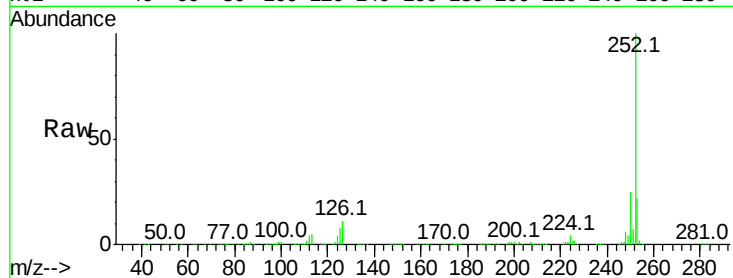




#87
Benzo(b)fluoranthene
Concen: 40.067 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107005.D
Acq: 30 Jun 2018 10:59

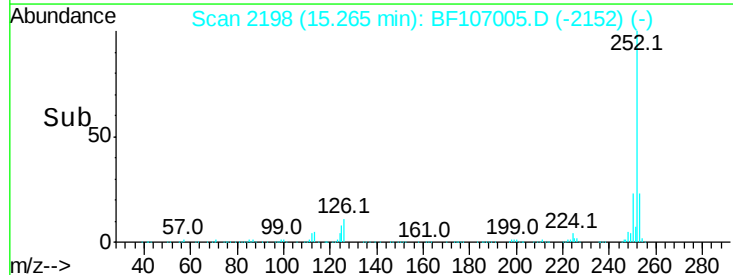
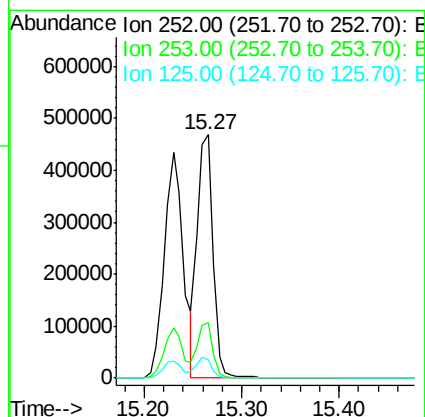
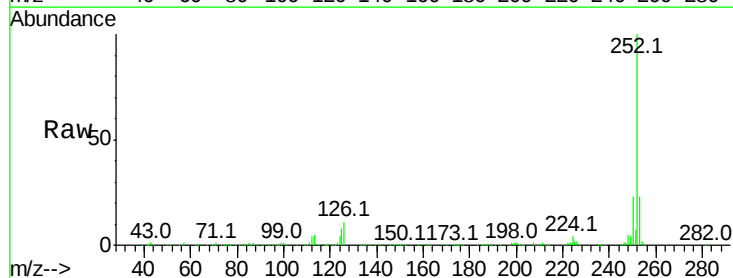
Instrument :
BNA_F
ClientSampleId :

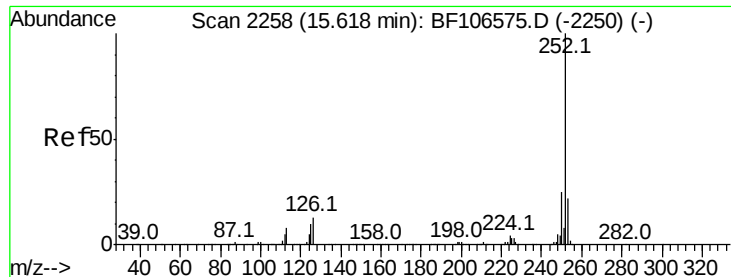
Tot Ion:252 Resp: 588174
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 7.7 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 37.374 ng
RT: 15.27 min Scan# 2198
Delta R.T. -0.03 min
Lab File: BF107005.D
Acq: 30 Jun 2018 10:59

Tgt Ion:252 Resp: 522471
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 7.5 10.2 15.2#

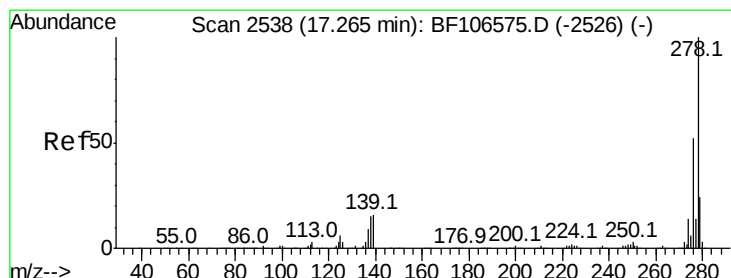
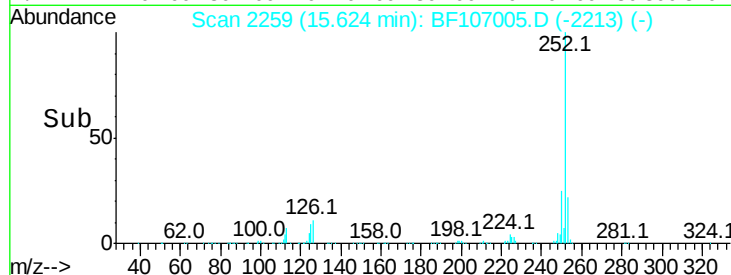
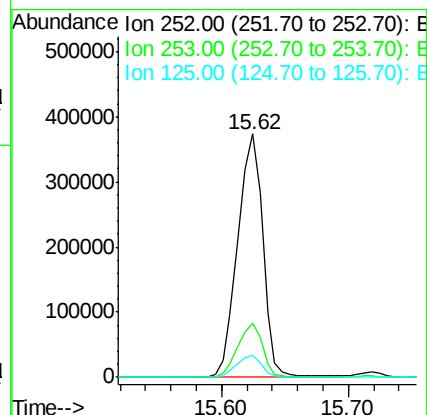
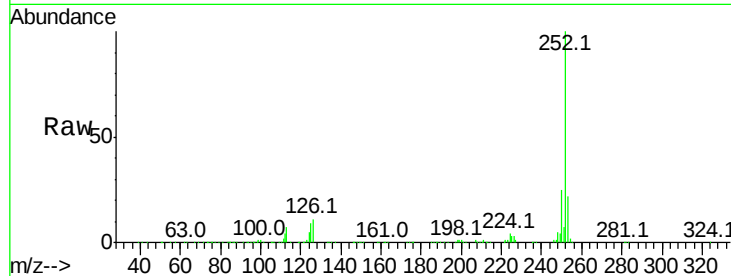




#89
Benzo(a)pyrene
Concen: 39.334 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.03 min
Lab File: BF107005.D
Acq: 30 Jun 2018 10:59

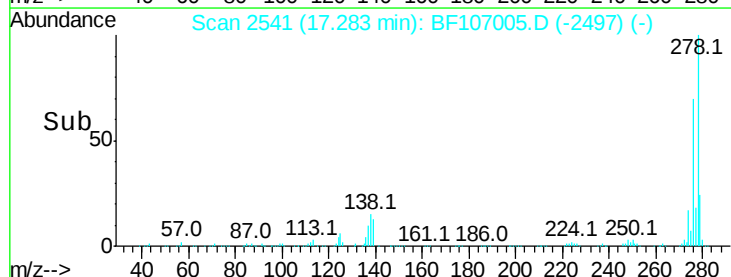
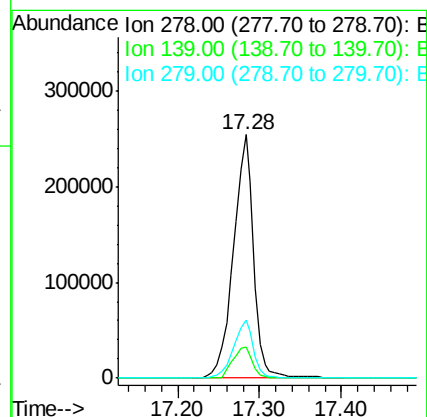
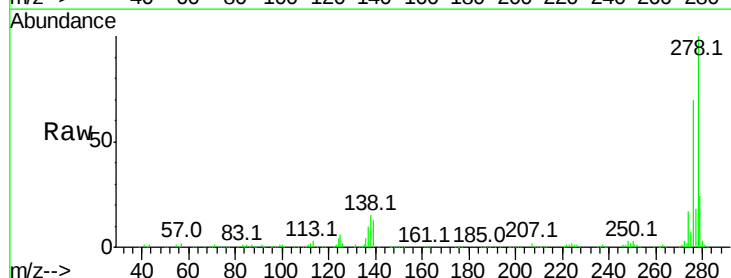
Instrument :
BNA_F
ClientSampled :

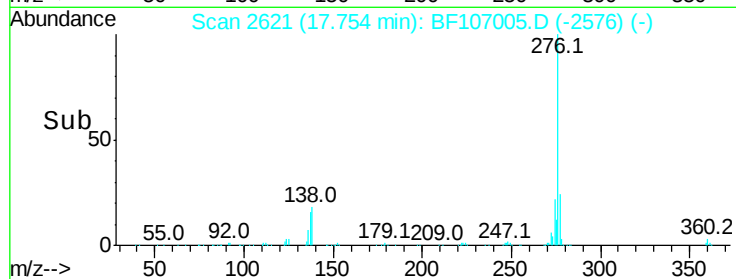
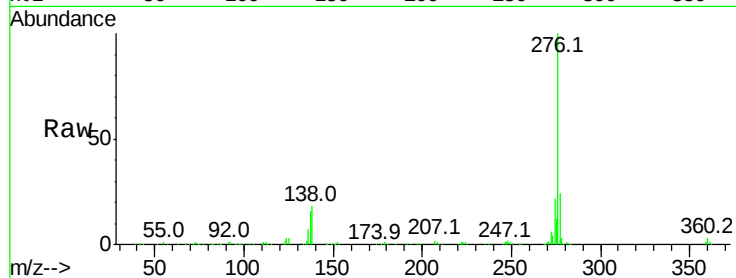
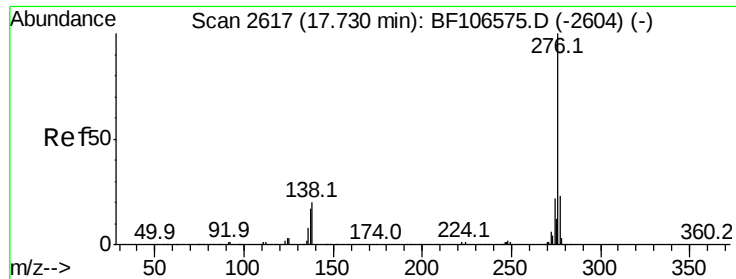
Tot Ion:252 Resp: 513307
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 9.0 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 39.556 ng
RT: 17.28 min Scan# 2541
Delta R.T. -0.04 min
Lab File: BF107005.D
Acq: 30 Jun 2018 10:59

Tgt Ion:278 Resp: 437484
Ion Ratio Lower Upper
278 100
139 12.6 15.9 23.9#
279 23.7 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 40.014 ng

RT: 17.75 min Scan# 2621

Delta R.T. -0.04 min

Lab File: BF107005.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 432554

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 18.3 21.8 32.8#

