

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
 Data File : BF107326.D
 Acq On : 12 Jul 2018 3:34
 Operator : JU/SJ
 Sample : PB111003BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 07:16:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	56010	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	199435	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	94026	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	176449	20.00	ng	0.00
75) Chrysene-d12	14.14	240	138500	20.00	ng	0.00
86) Perylene-d12	15.67	264	111453	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	317358	95.94	ng	0.01
7) Phenol-d6	6.58	99	379208	91.80	ng	0.00
23) Nitrobenzene-d5	7.50	82	348865	97.21	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	104596	95.98	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	599591	112.75	ng	0.00
78) Terphenyl-d14	13.07	244	679299	118.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	64206	37.756	ng	97
3) Pyridine	3.60	79	189379	41.063	ng	98
4) n-Nitrosodimethylamine	3.57	42	79743	40.710	ng	82
6) Aniline	6.60	93	173678	30.996	ng	# 48
8) 2-Chlorophenol	6.73	128	166376	45.860	ng	96
9) Benzaldehyde	6.49	77	72590	22.992	ng	95
10) Phenol	6.60	94	205000	43.487	ng	# 69
11) bis(2-Chloroethyl)ether	6.67	93	169343	43.514	ng	99
12) 1,3-Dichlorobenzene	6.87	146	196218	46.178	ng	97
13) 1,4-Dichlorobenzene	6.95	146	195040	45.402	ng	98
14) 1,2-Dichlorobenzene	7.10	146	179296	45.541	ng	99
15) Benzyl Alcohol	7.08	79	135579	40.877	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	233844	45.797	ng	# 22
17) 2-Methylphenol	7.20	107	139499	44.932	ng	# 87
18) Hexachloroethane	7.44	117	50646	33.525	ng	# 88
19) n-Nitroso-di-n-propylamine	7.34	70	116753	42.879	ng	94
20) 3+4-Methylphenols	7.35	107	182402	59.911	ng	97
22) Acetophenone	7.34	105	229889	51.523	ng	# 98
24) Nitrobenzene	7.52	77	176886	48.278	ng	96
25) Isophorone	7.75	82	330171	52.211	ng	98
26) 2-Nitrophenol	7.84	139	70102	40.531	ng	95
27) 2,4-Dimethylphenol	7.87	122	150603	56.335	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	212926	50.148	ng	98
29) 2,4-Dichlorophenol	8.08	162	145225	51.888	ng	95
30) 1,2,4-Trichlorobenzene	8.16	180	163072	52.890	ng	97
31) Naphthalene	8.24	128	462949	49.650	ng	100
32) Benzoic acid	8.01	122	46873	26.957	ng	94
33) 4-Chloroaniline	8.29	127	108342	27.692	ng	97
34) Hexachlorobutadiene	8.34	225	108247	53.880	ng	99
35) Caprolactam	8.68	113	31828	34.886	ng	98
36) 4-Chloro-3-methylphenol	8.79	107	143012	48.545	ng	99
37) 2-Methylnaphthalene	8.94	142	330001	53.396	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	170384	53.808	ng	# 96
42) 2,4,6-Trichlorophenol	9.22	196	95235	45.246	ng	95

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
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 Misc :
 ALS Vial : 31 Sample Multiplier: 1

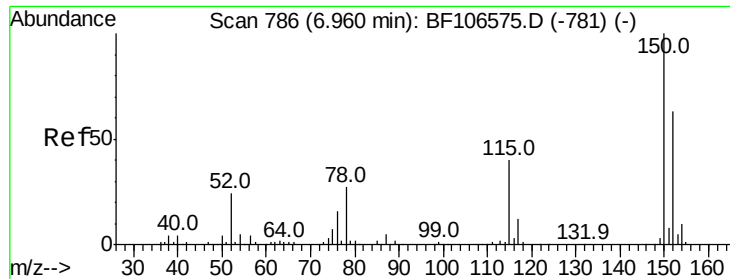
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 07:16:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.28	196	95557	43.508	nq	# 88
45) 1,1'-Biphenyl	9.40	154	389904	52.033	nq	99
46) 2-Chloronaphthalene	9.43	162	277344	47.020	nq	95
47) 2-Nitroaniline	9.54	65	94516	47.652	nq	99
48) Acenaphthylene	9.85	152	432551	46.449	nq	100
49) Dimethylphthalate	9.70	163	333988	47.360	nq	98
50) 2,6-Dinitrotoluene	9.77	165	68392	45.799	nq	95
51) Acenaphthene	10.02	154	256984	43.823	nq	97
52) 3-Nitroaniline	9.95	138	81466	47.408	nq	99
53) 2,4-Dinitrophenol	10.08	184	8365	15.406	nq	# 22
54) Dibenzofuran	10.19	168	380820	47.426	nq	98
55) 4-Nitrophenol	10.14	139	55121	45.955	nq	96
56) 2,4-Dinitrotoluene	10.19	165	76127	39.056	nq	91
57) Fluorene	10.54	166	311281	48.852	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	76803	43.991	nq	# 75
59) Diethylphthalate	10.40	149	323671	47.554	nq	# 94
60) 4-Chlorophenyl-phenylether	10.52	204	167521	50.247	nq	# 86
61) 4-Nitroaniline	10.57	138	77346	45.353	nq	95
62) Azobenzene	10.68	77	294435	43.928	nq	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	11965	10.970	nq	# 67
65) n-Nitrosodiphenylamine	10.64	169	270332	45.549	nq	99
66) 4-Bromophenyl-phenylether	11.01	248	110196	52.329	nq	# 78
67) Hexachlorobenzene	11.09	284	115028	52.190	nq	# 82
68) Atrazine	11.17	200	85617	45.379	nq	93
69) Pentachlorophenol	11.30	266	38265	34.795	nq	98
70) Phenanthrene	11.51	178	444951	52.283	nq	99
71) Anthracene	11.56	178	461297	53.104	nq	99
72) Carbazole	11.72	167	406505	49.983	nq	98
73) Di-n-butylphthalate	12.02	149	478203	49.910	nq	98
74) Fluoranthene	12.70	202	490819	52.325	nq	96
76) Benzidine	12.82	184	358282	90.832	nq	97
77) Pyrene	12.94	202	492349	53.908	nq	100
79) Butylbenzylphthalate	13.53	149	197162	52.505	nq	# 93
80) Benzo(a)anthracene	14.13	228	437195	51.793	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	154633	52.122	nq	# 96
82) Chrysene	14.17	228	404227	52.052	nq	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	252335	52.561	nq	96
84) Di-n-octyl phthalate	14.70	149	449417	57.430	nq	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	322366	48.915	nq	# 90
87) Benzo(b)fluoranthene	15.22	252	362459	52.353	nq	# 96
88) Benzo(k)fluoranthene	15.25	252	328944	49.892	nq	# 94
89) Benzo(a)pyrene	15.61	252	320266	52.036	nq	# 97
90) Dibenzo(a,h)anthracene	17.27	278	270009	51.765	nq	# 94
91) Benzo(g,h,i)perylene	17.75	276	266011	52.176	nq	# 90

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

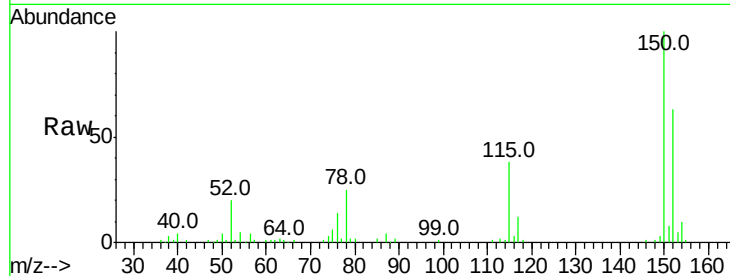


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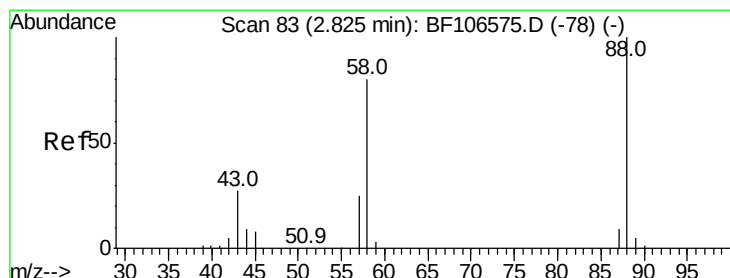
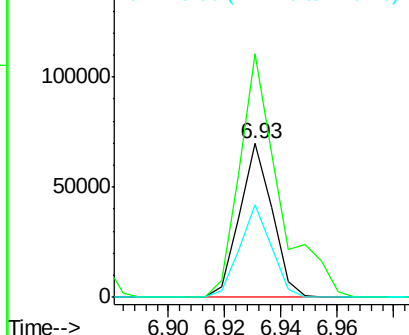
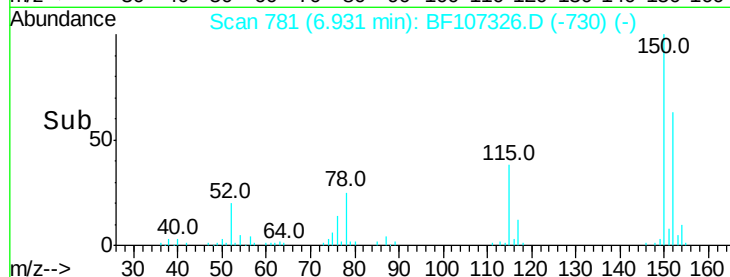
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 56010
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 60.0 50.1 75.1



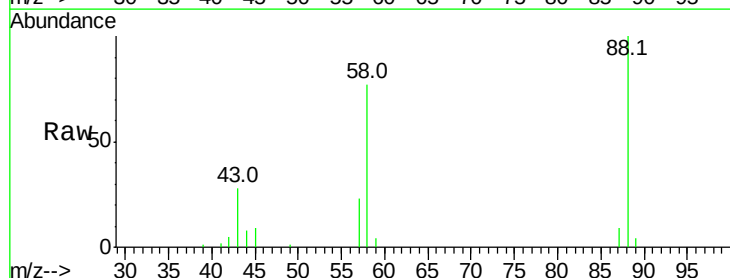
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



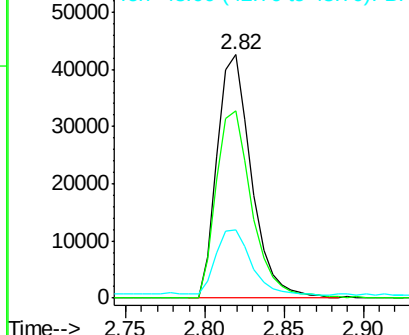
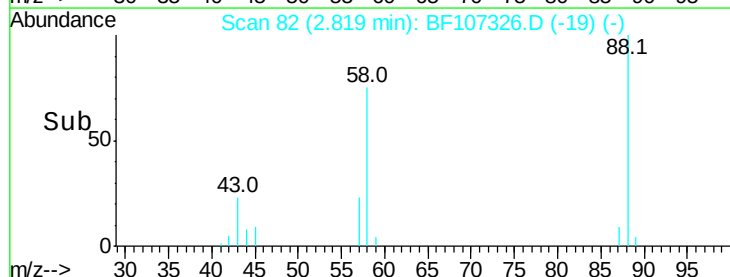
#2

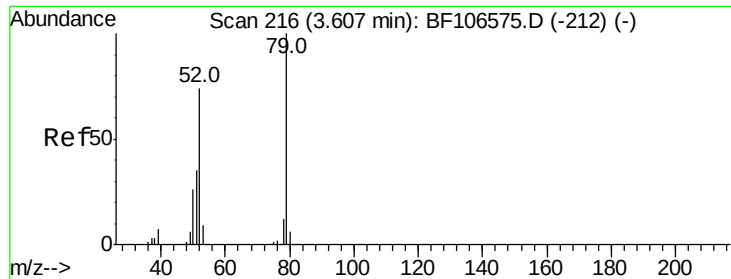
1,4-Dioxane
Concen: 37.756 ng
RT: 2.82 min Scan# 82
Delta R.T. 0.07 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion: 88 Resp: 64206
Ion Ratio Lower Upper
88 100
58 80.5 62.6 93.8
43 27.7 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: 41.063 ng

RT: 3.60 min Scan# 214

Delta R.T. 0.05 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

ClientSampleId :

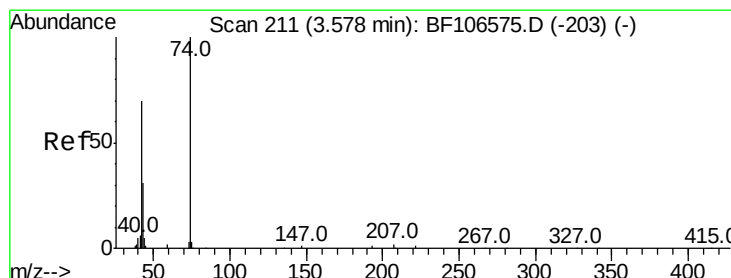
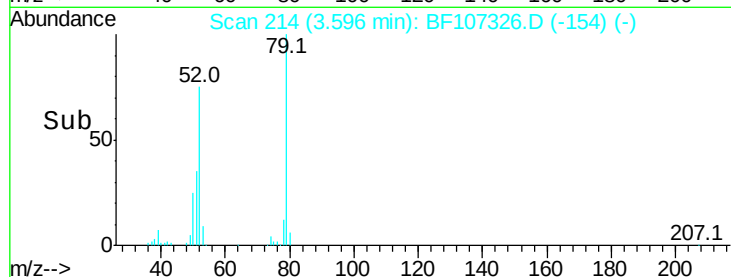
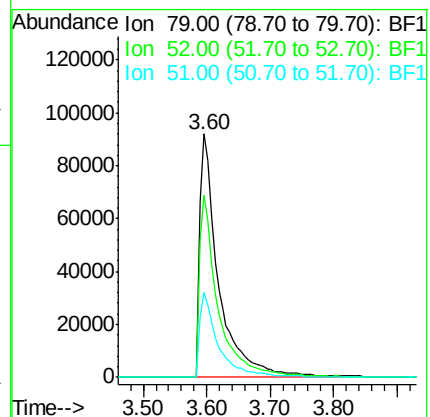
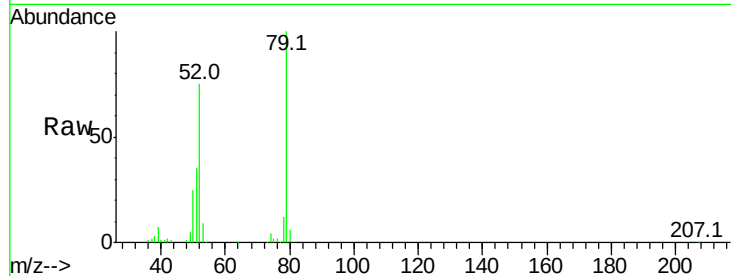
Tot Ion: 79 Resp: 189379

Ion Ratio Lower Upper

79 100

52 75.1 59.8 89.6

51 34.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 40.710 ng

RT: 3.57 min Scan# 210

Delta R.T. 0.06 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

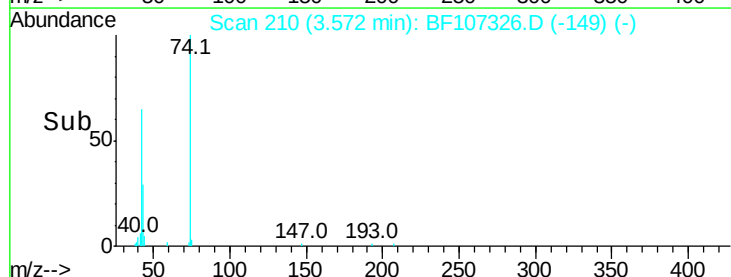
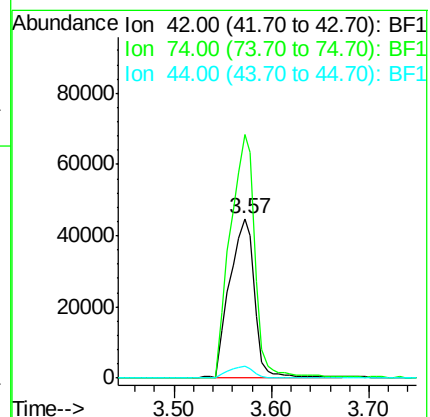
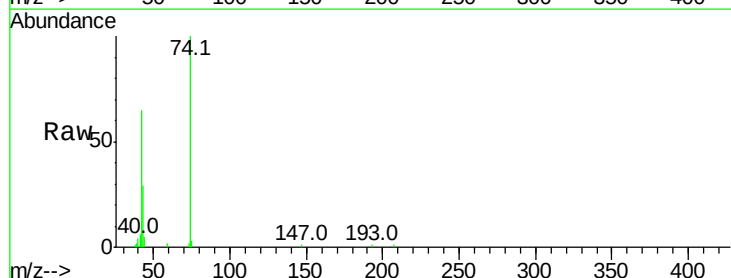
Tgt Ion: 42 Resp: 79743

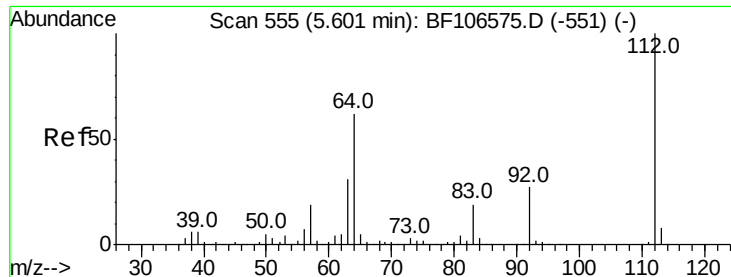
Ion Ratio Lower Upper

42 100

74 152.7 104.9 157.3

44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 95.945 ng

RT: 5.58 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

ClientSampleId :

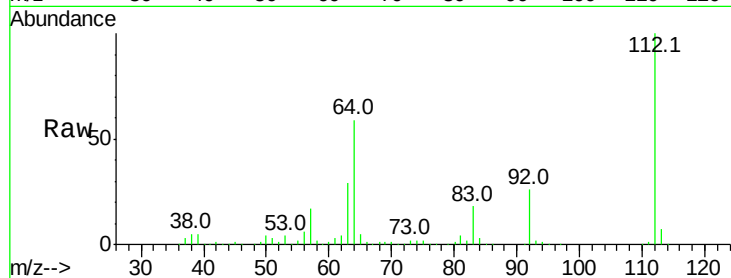
Tot Ion:112 Resp: 317358

Ion Ratio Lower Upper

112 100

64 58.9 47.9 71.9

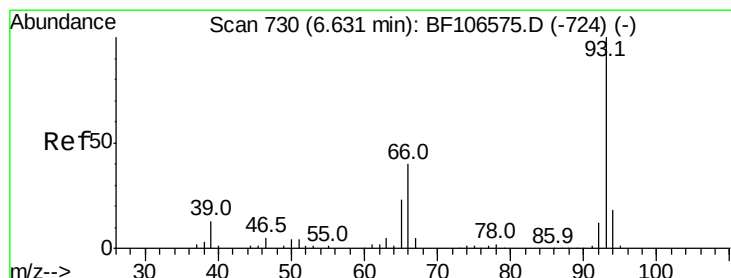
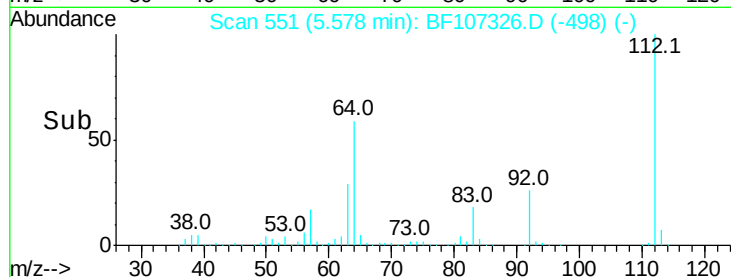
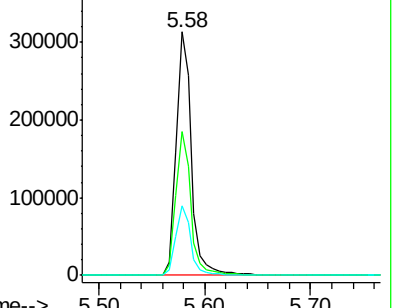
63 28.7 23.7 35.5



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: 30.996 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

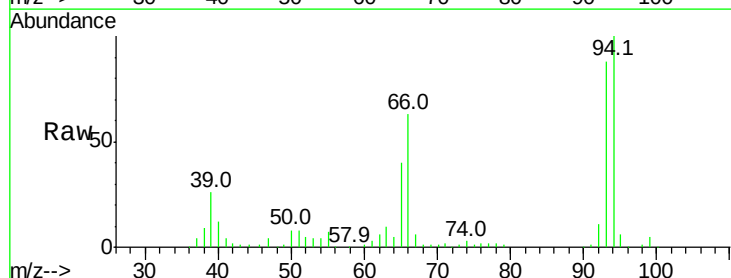
Tgt Ion: 93 Resp: 173678

Ion Ratio Lower Upper

93 100

66 71.4 32.2 48.2#

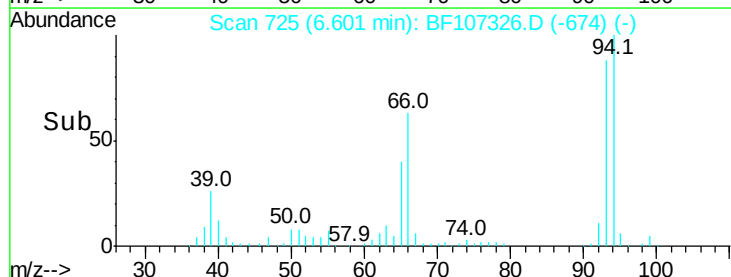
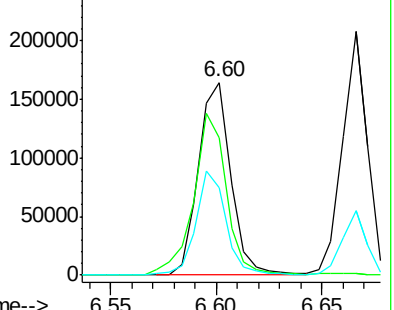
65 45.6 16.4 24.6#

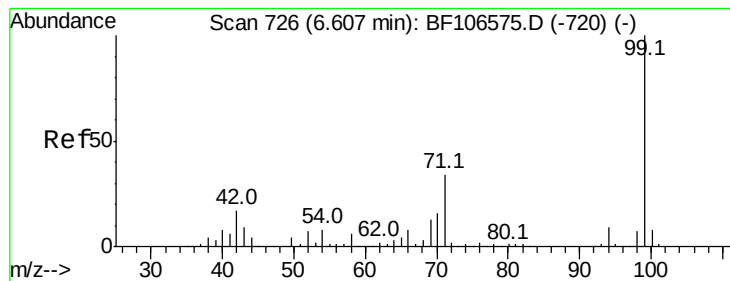


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.803 ng

RT: 6.58 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

ClientSampled :

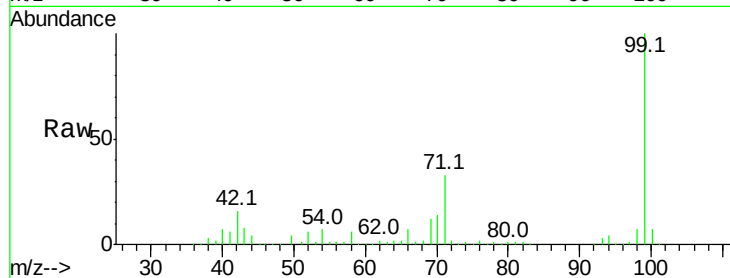
Tot Ion: 99 Resp: 379208

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

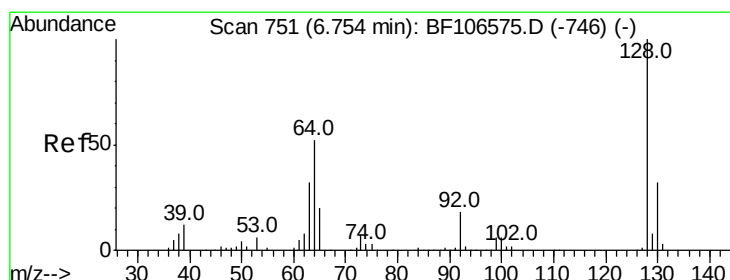
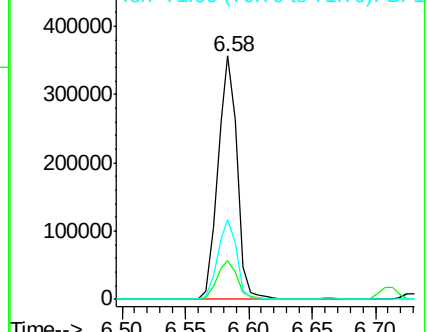
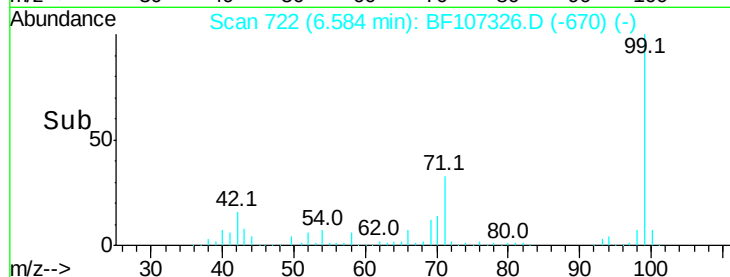
71 32.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.860 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

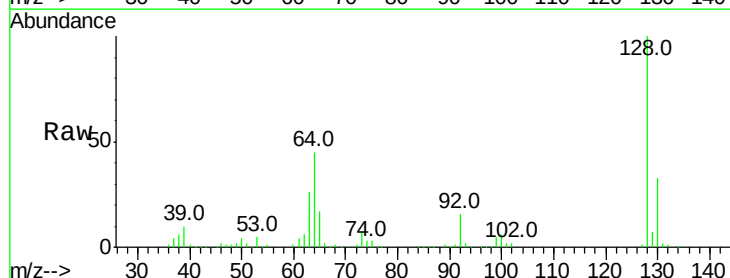
Tgt Ion: 128 Resp: 166376

Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

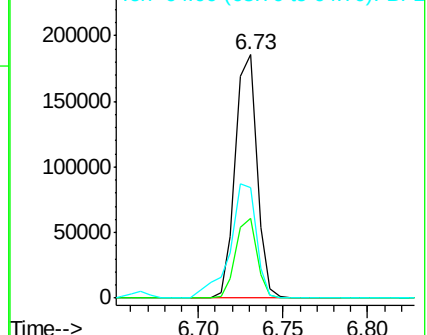
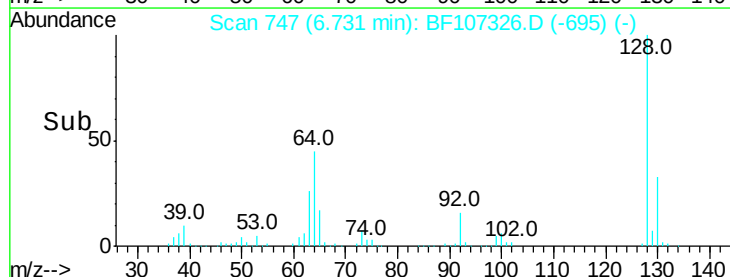
64 45.2 29.4 69.4

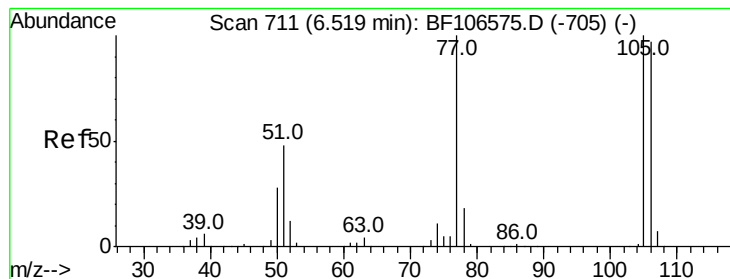


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.992 ng

RT: 6.49 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

ClientSampled :

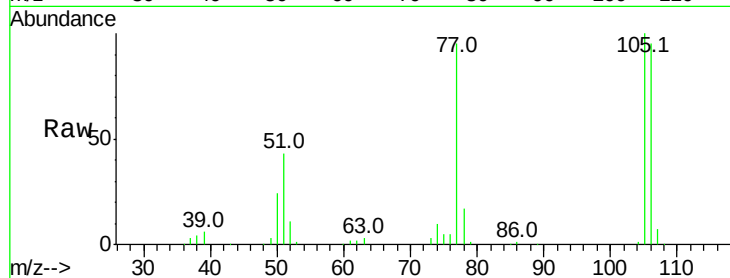
Tot Ion: 77 Resp: 72590

Ion Ratio Lower Upper

77 100

105 105.0 81.1 121.1

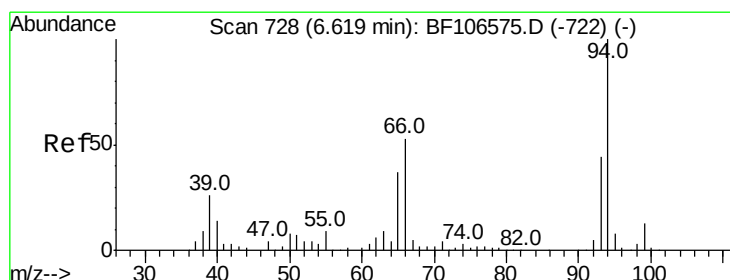
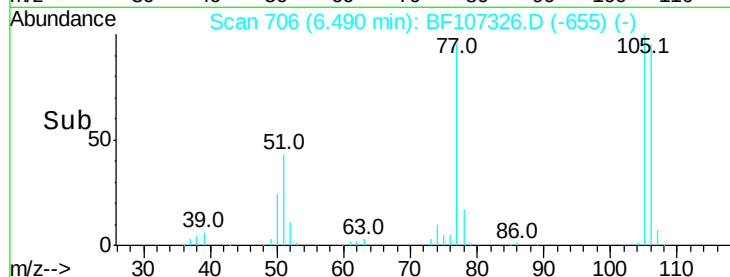
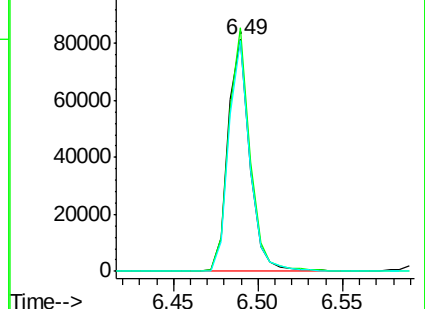
106 99.6 74.5 114.5



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: 43.487 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

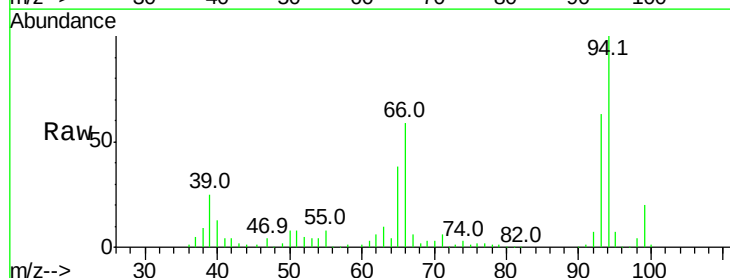
Tgt Ion: 94 Resp: 205000

Ion Ratio Lower Upper

94 100

65 38.2 7.9 47.9

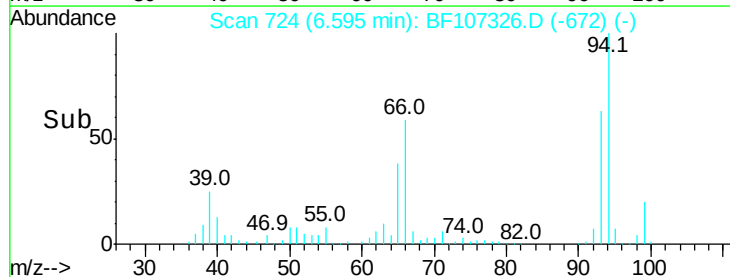
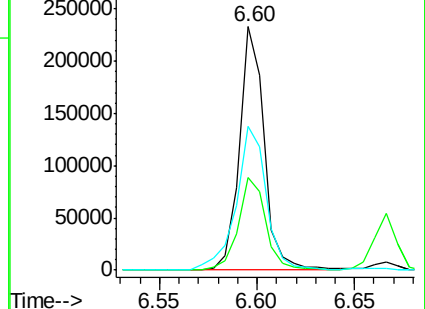
66 59.2 16.2 56.2#

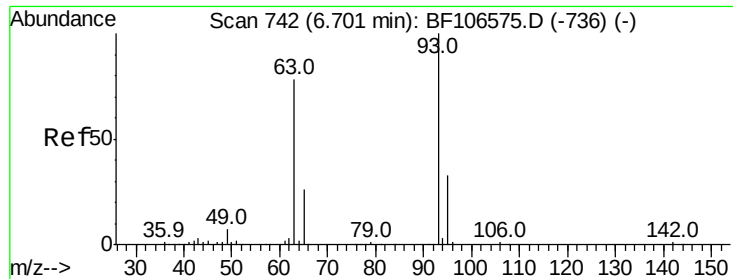


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

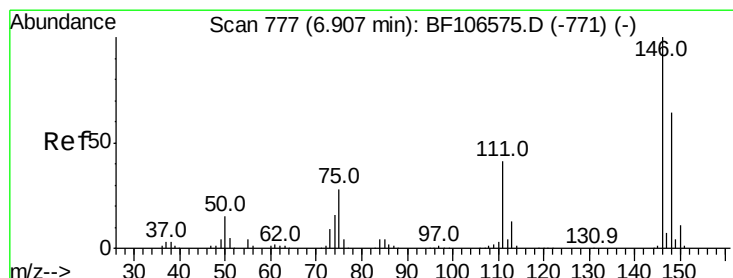
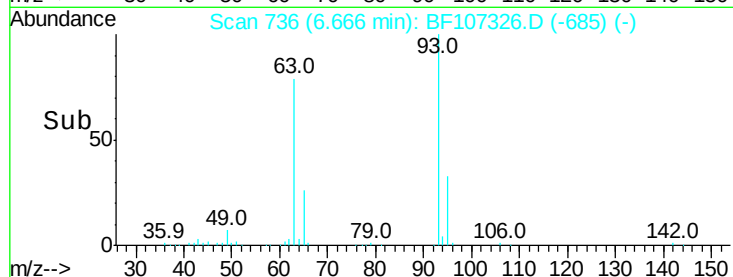
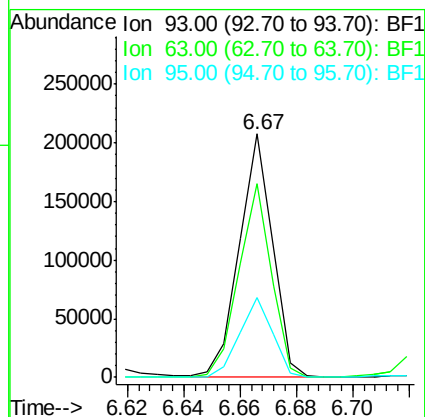
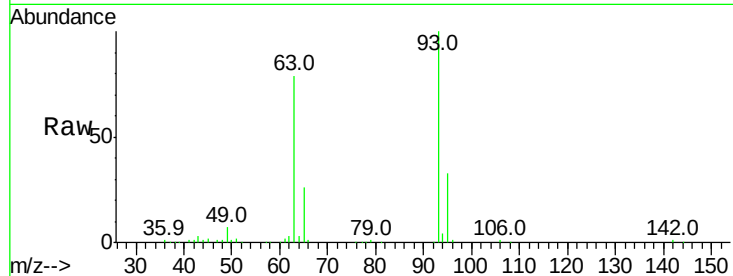




#11
bis(2-Chloroethyl)ether
Concen: 43.514 ng
RT: 6.67 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

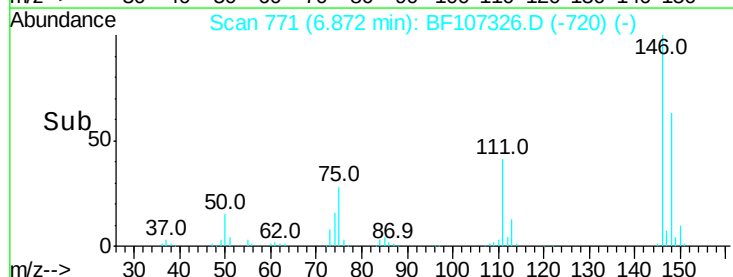
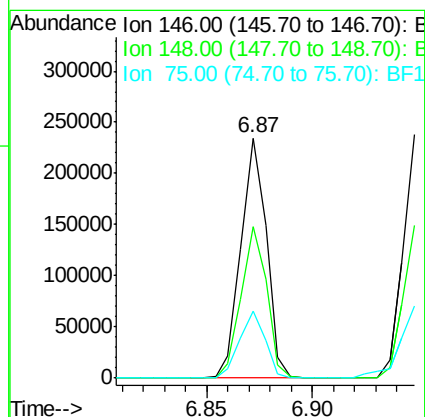
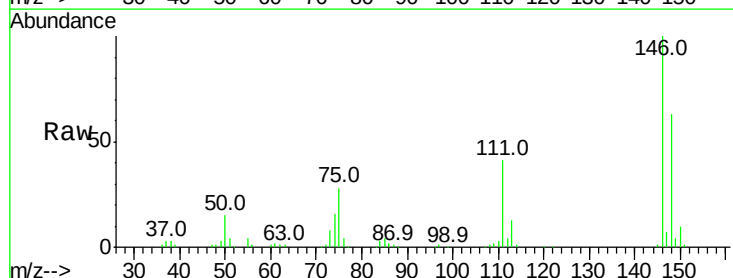
Instrument :
BNA_F
ClientSampleId :

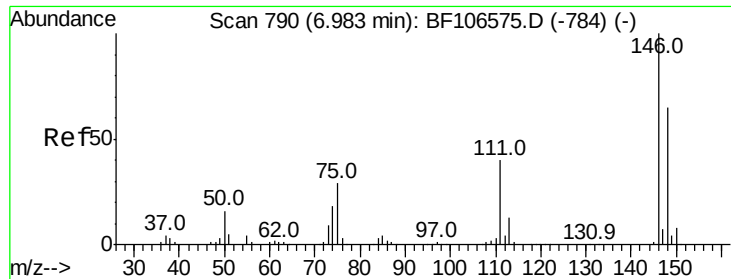
Tot Ion: 93 Resp: 169343
Ion Ratio Lower Upper
93 100
63 79.4 58.6 98.6
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 46.178 ng
RT: 6.87 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion: 146 Resp: 196218
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.8
75 28.1 24.2 36.4

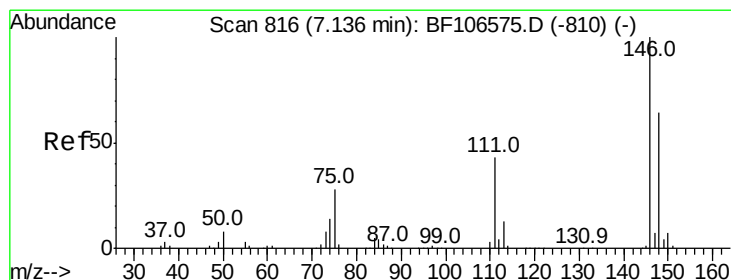
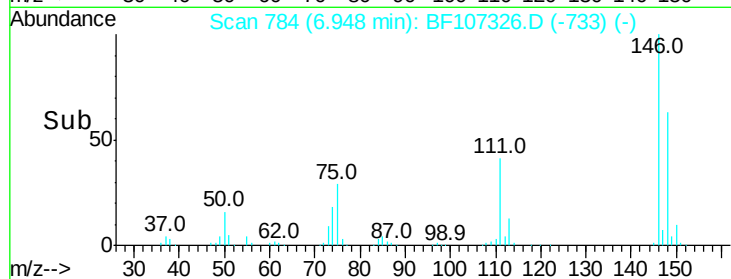
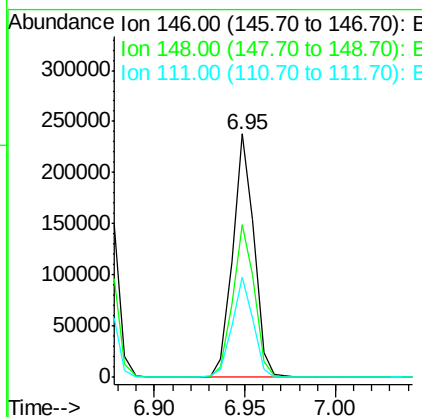
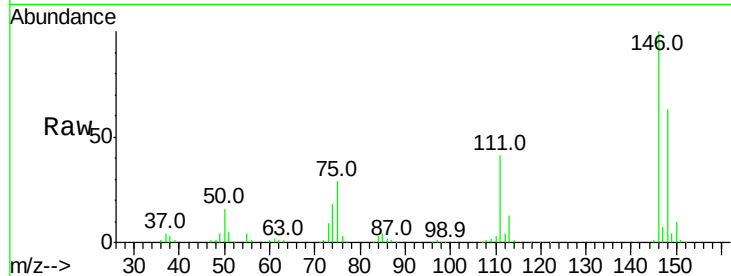




#13
 1,4-Dichlorobenzene
 Concen: 45.402 ng
 RT: 6.95 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

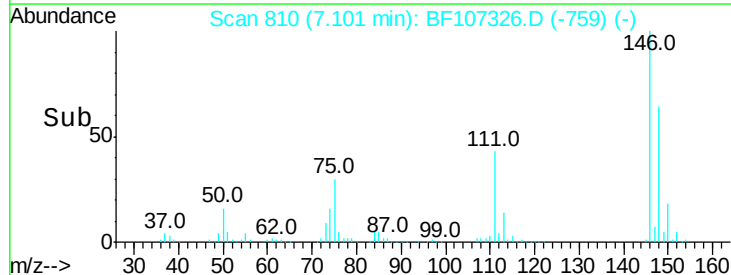
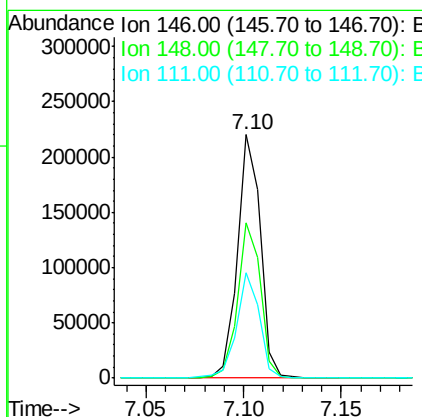
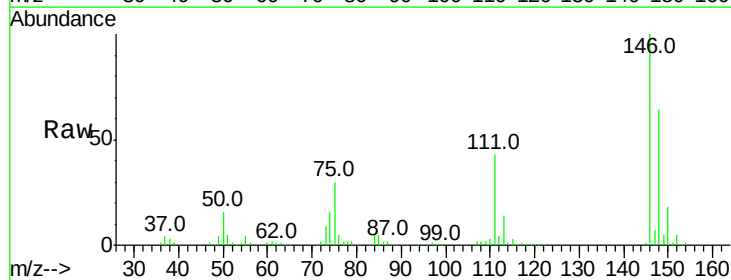
Instrument :
 BNA_F
 ClientSampled :

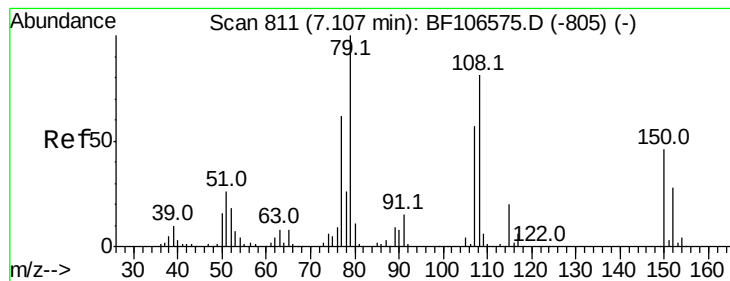
Tot Ion:146 Resp: 195040
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.8 76.2
 111 41.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 45.541 ng
 RT: 7.10 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Tgt Ion:146 Resp: 179296
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 43.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 40.877 ng

RT: 7.08 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

ClientSampled :

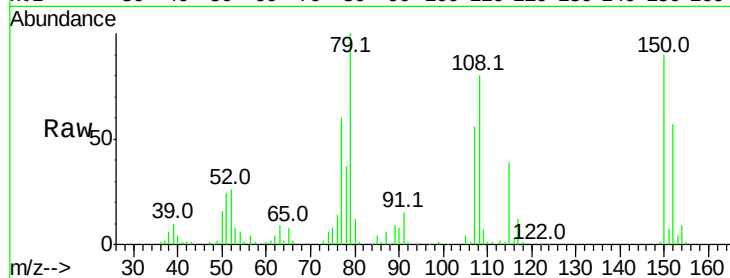
Tot Ion: 79 Resp: 135579

Ion Ratio Lower Upper

79 100

108 80.3 65.1 97.7

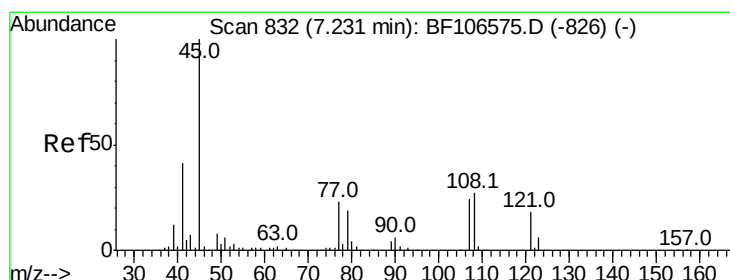
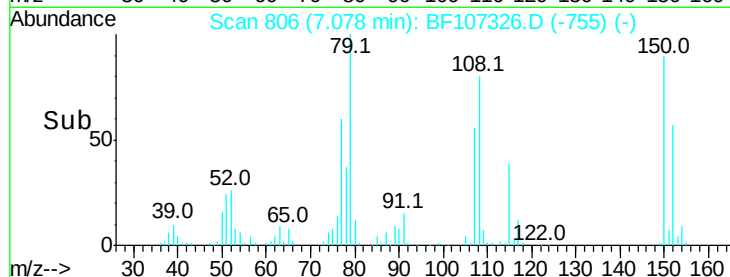
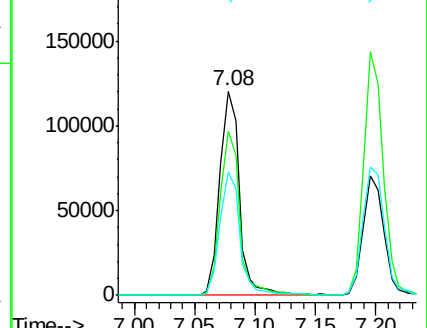
77 60.3 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.797 ng

RT: 7.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

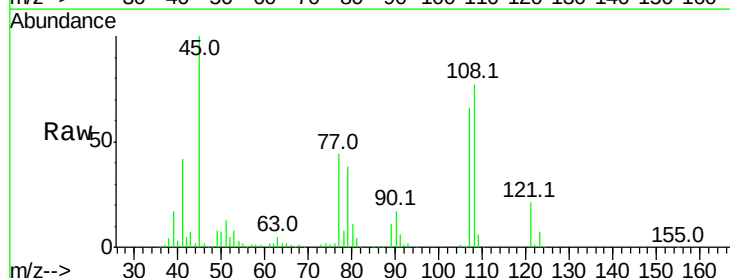
Tgt Ion: 45 Resp: 233844

Ion Ratio Lower Upper

45 100

77 43.7 0.0 32.9#

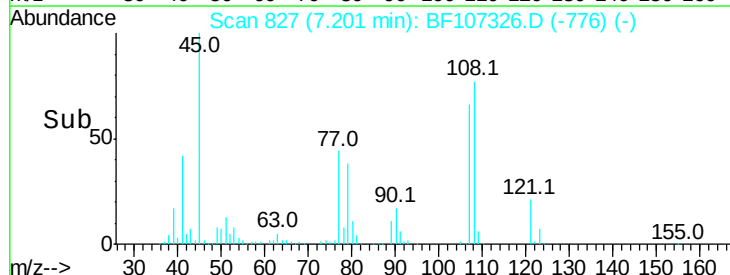
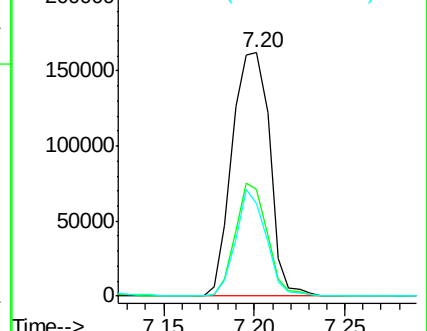
79 38.2 0.0 29.6#

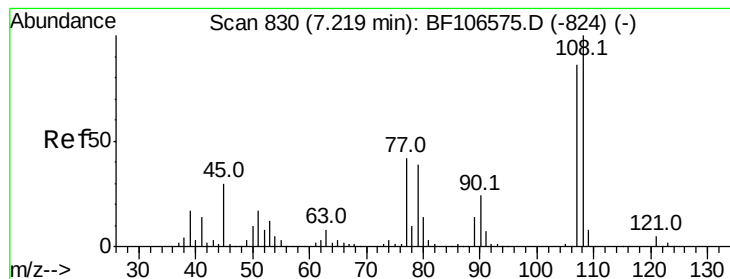


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 44.932 ng

RT: 7.20 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 139499

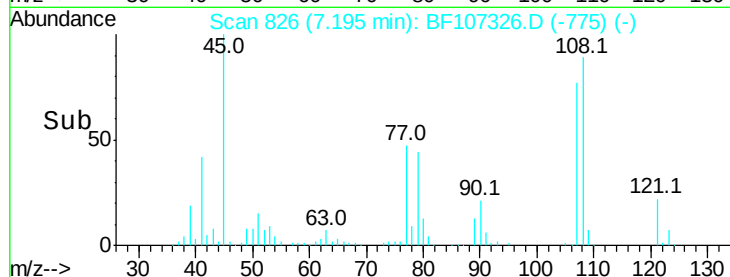
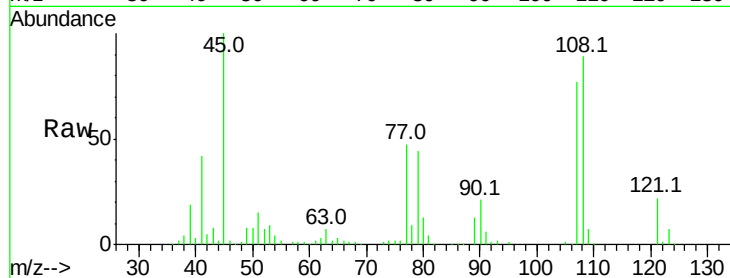
Ion Ratio Lower Upper

107 100

108 116.6 91.7 137.5

77 61.5 33.8 50.8#

79 57.4 33.8 50.8#



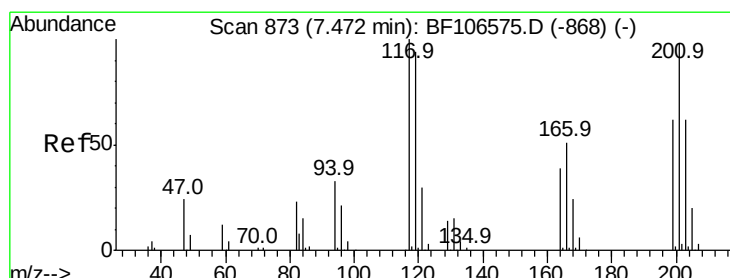
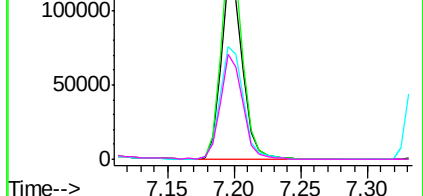
Abundance Ion 107.00 (106.70 to 107.70): E

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

Time-->



#18

Hexachloroethane

Concen: 33.525 ng

RT: 7.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

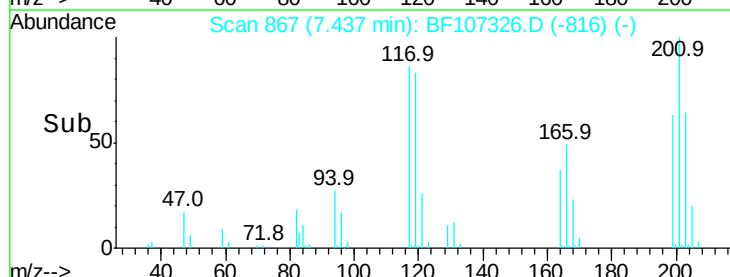
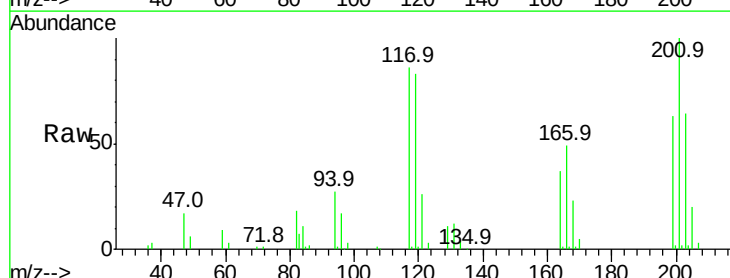
Tgt Ion:117 Resp: 50646

Ion Ratio Lower Upper

117 100

119 96.7 75.8 113.8

201 116.0 75.7 113.5#

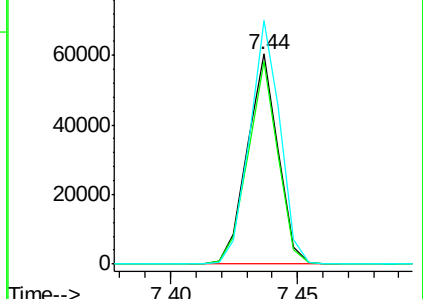


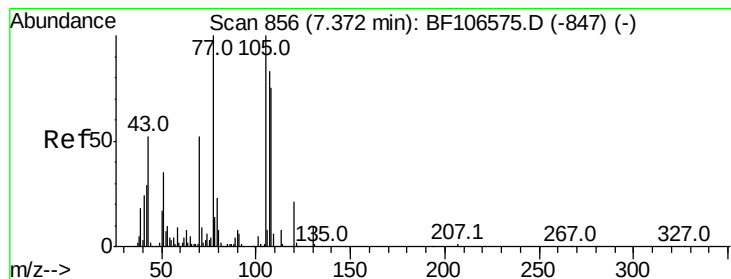
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

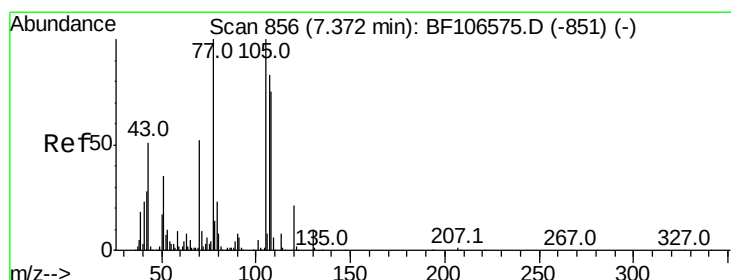
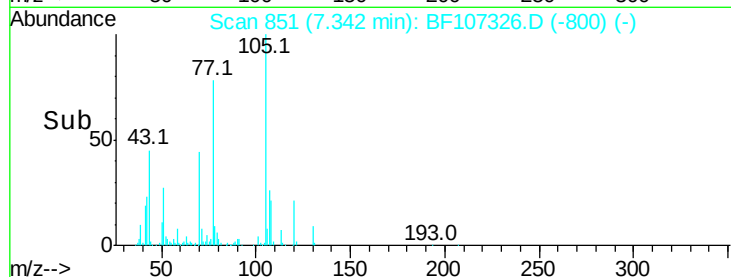
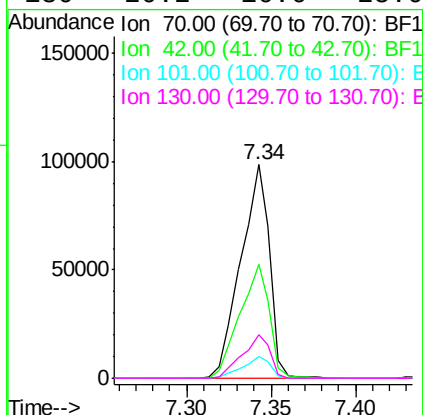
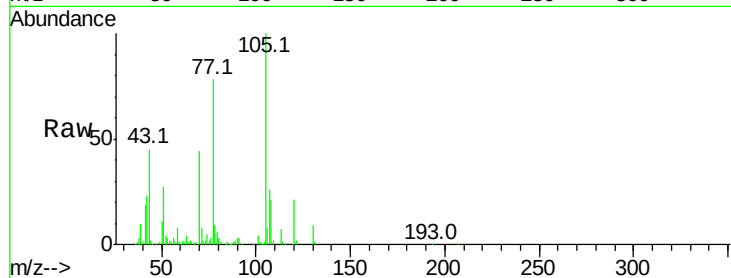




#19
n-Nitroso-di-n-propylamine
Concen: 42.879 ng
RT: 7.34 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

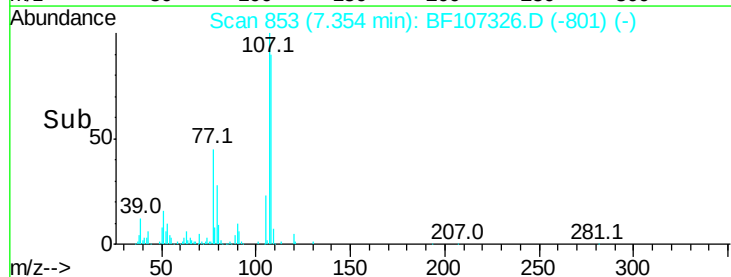
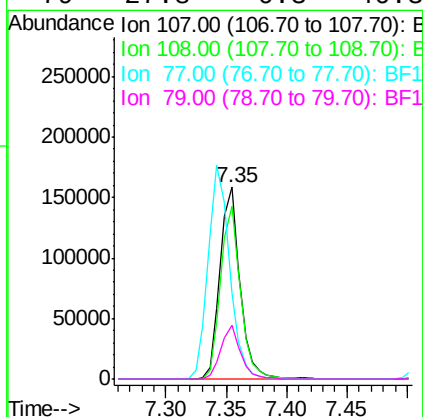
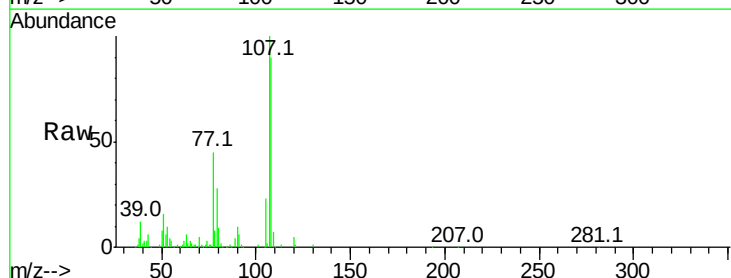
Instrument :
BNA_F
ClientSampleId :

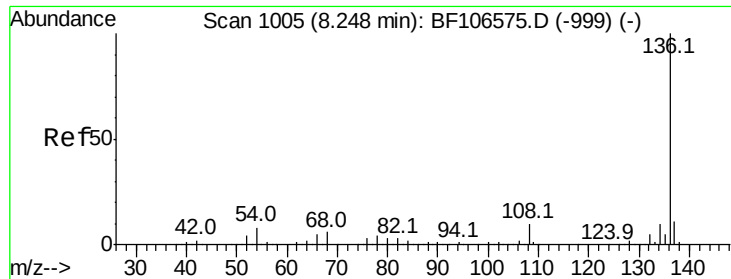
Tot Ion:	70	Resp:	116753
Ion	Ratio	Lower	Upper
70	100		
42	53.4	47.5	71.3
101	10.1	7.4	11.2
130	20.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 59.911 ng
RT: 7.35 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion:	107	Resp:	182402
Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.2	108.2
77	44.9	26.7	66.7
79	27.8	6.3	46.3

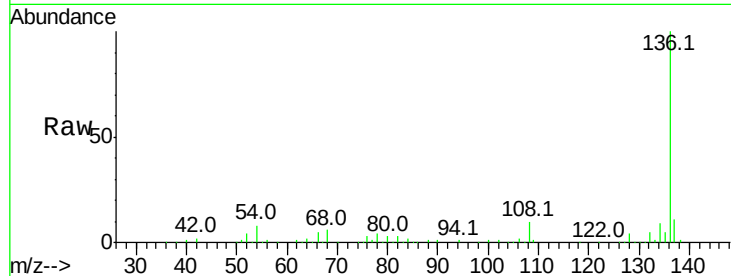




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	199435
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.7	6.6	9.8
68	6.1	5.0	7.4



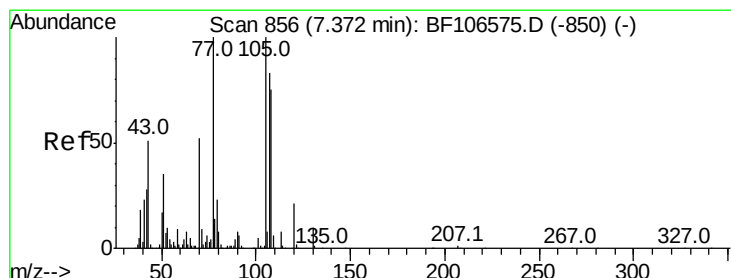
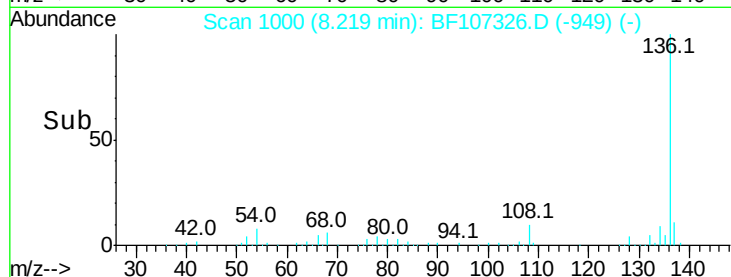
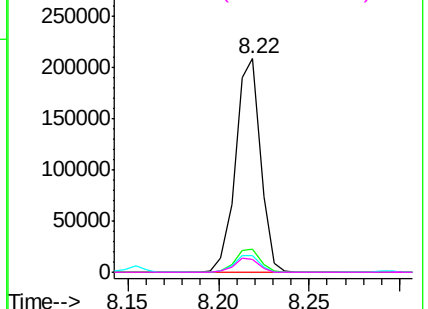
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

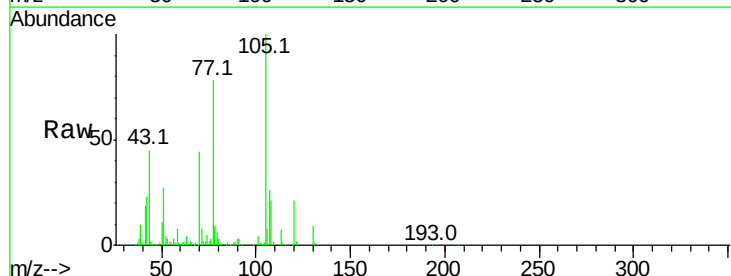
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 51.523 ng
RT: 7.34 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion:	105	Resp:	229889
Ion	Ratio	Lower	Upper
105	100		
71	7.6	4.4	6.6#
51	26.8	22.3	33.5
120	20.8	16.9	25.3



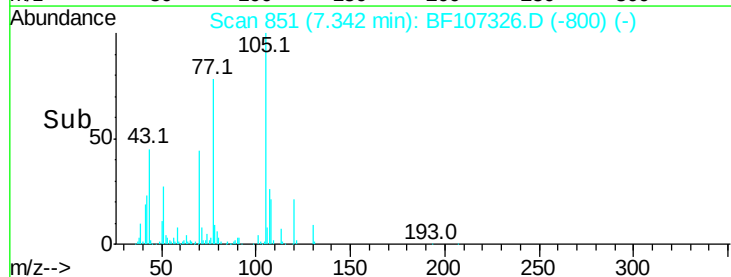
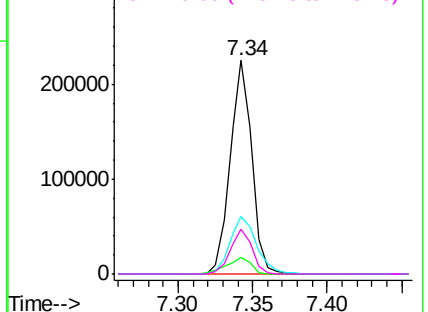
Abundance

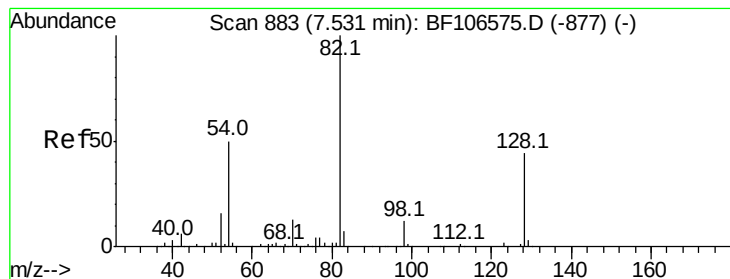
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 97.213 ng

RT: 7.50 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

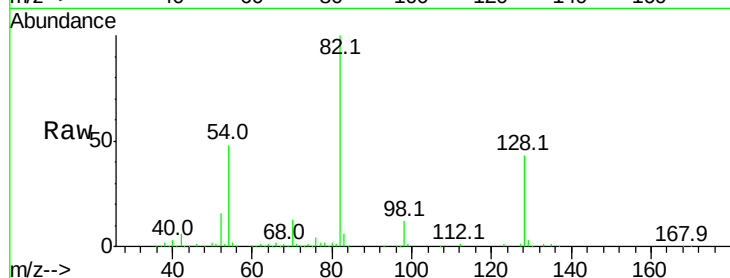
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 348865

Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	47.6	41.4	62.2

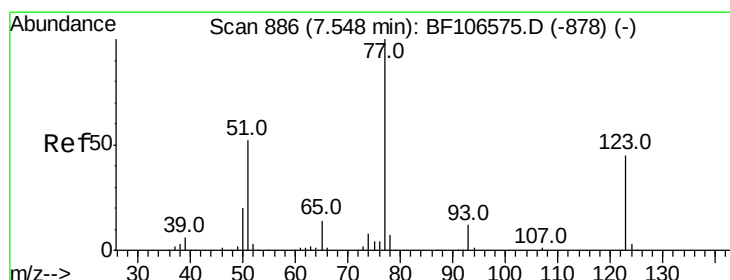
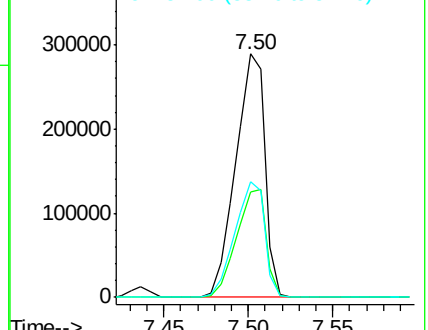
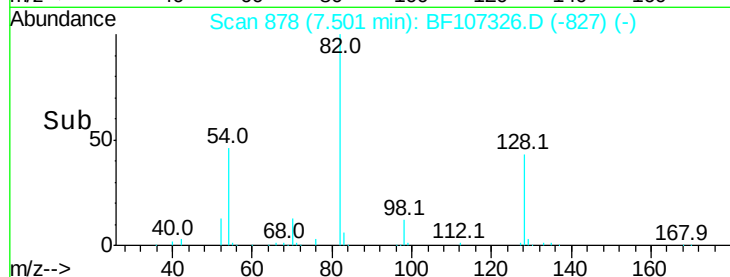


Abundance

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: 48.278 ng

RT: 7.52 min Scan# 882

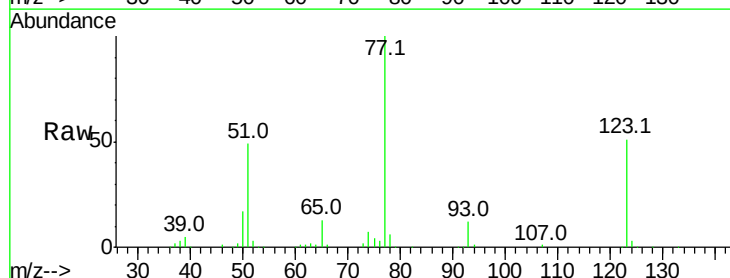
Delta R.T. 0.01 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Tgt Ion: 77 Resp: 176886

Ion	Ratio	Lower	Upper
77	100		
123	50.7	37.9	56.9
65	13.3	11.0	16.4

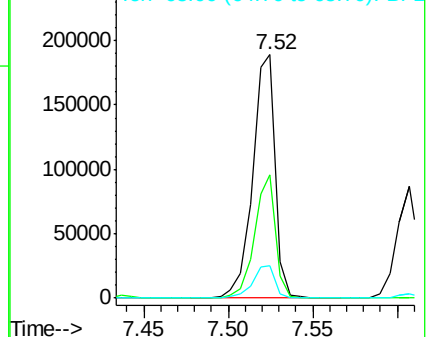
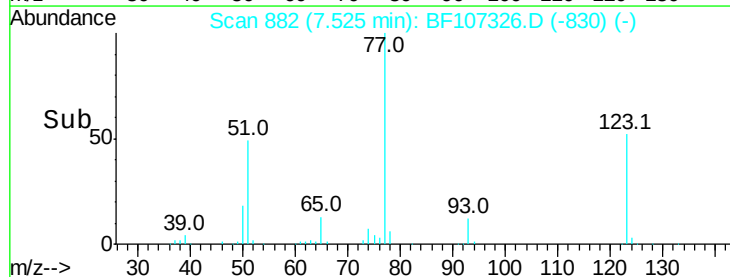


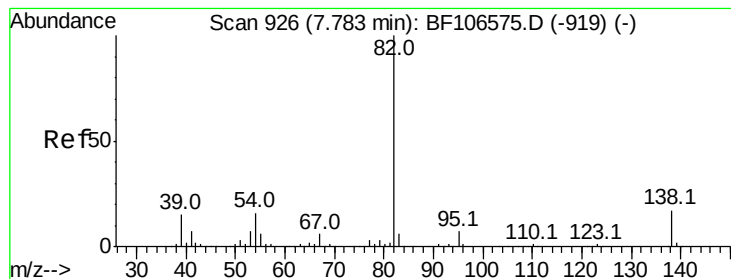
Abundance

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: 52.211 ng

RT: 7.75 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

ClientSampleId :

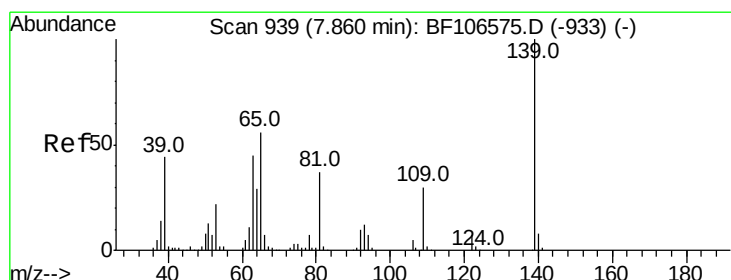
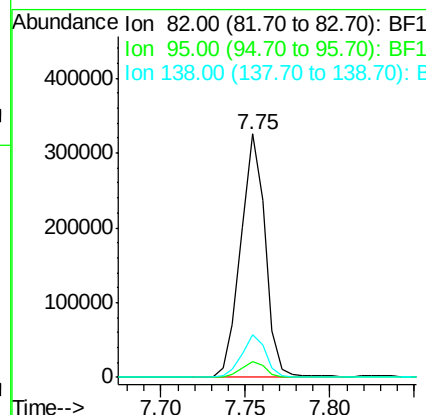
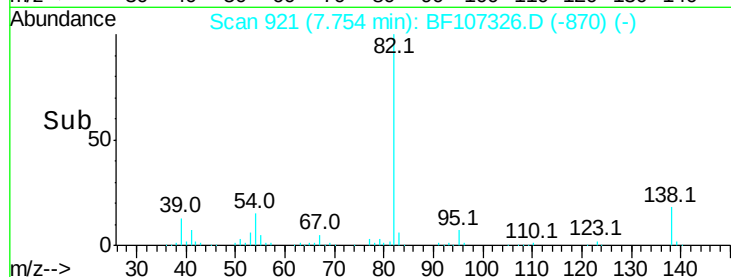
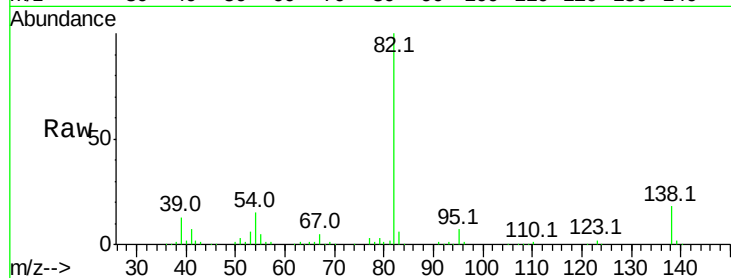
Tot Ion: 82 Resp: 330171

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 17.6 14.9 22.3



#26

2-Nitrophenol

Concen: 40.531 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

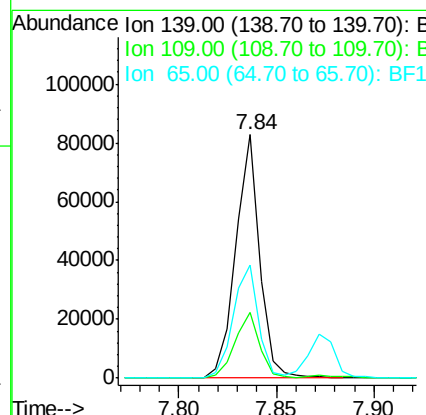
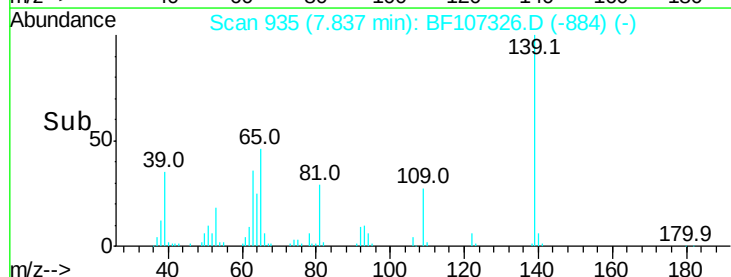
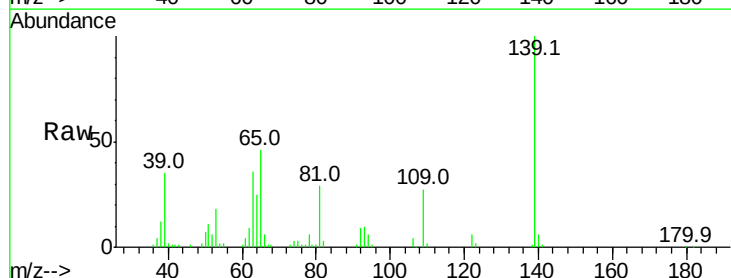
Tgt Ion: 139 Resp: 70102

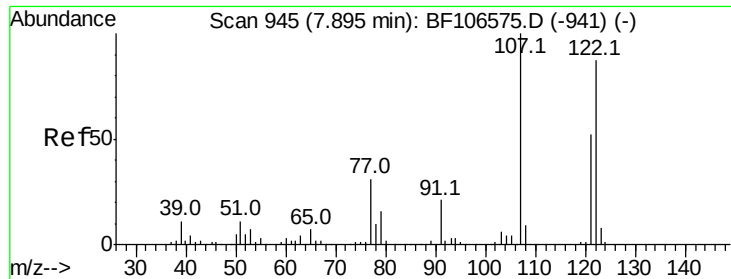
Ion Ratio Lower Upper

139 100

109 27.0 22.7 34.1

65 46.2 40.5 60.7

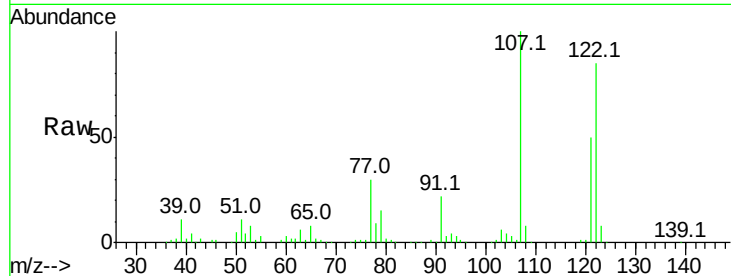




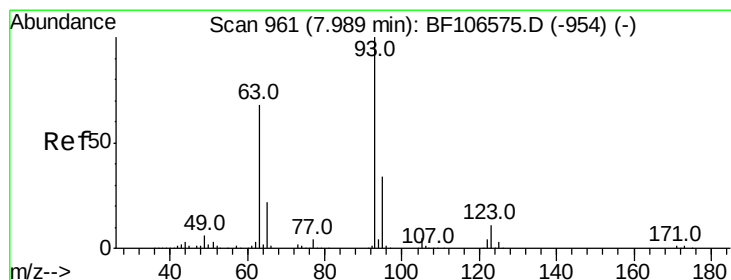
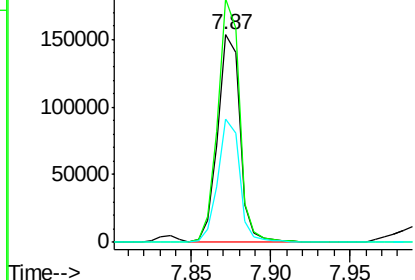
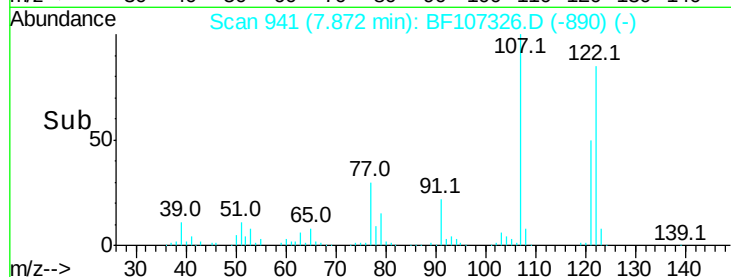
#27
 2,4-Dimethylphenol
 Concen: 56.335 ng
 RT: 7.87 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 150603
 Ion Ratio Lower Upper
 122 100
 107 117.2 91.2 136.8
 121 59.1 47.2 70.8

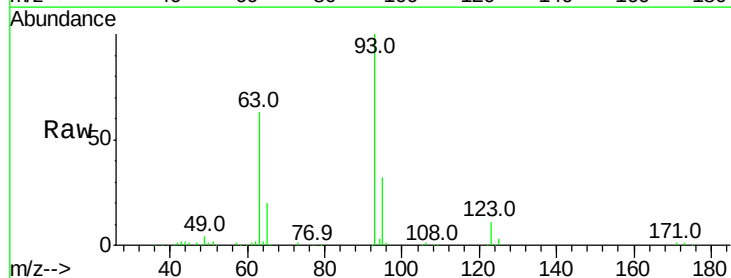


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

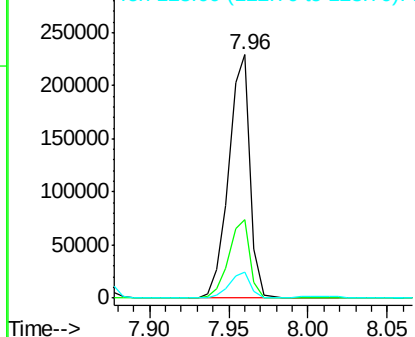
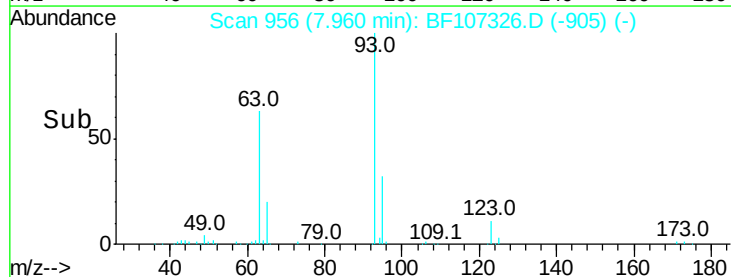


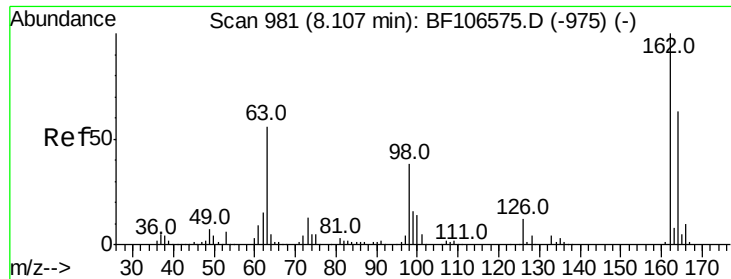
#28
 bis(2-Chloroethoxy)methane
 Concen: 50.148 ng
 RT: 7.96 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Tgt Ion: 93 Resp: 212926
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.3 39.5
 123 10.8 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

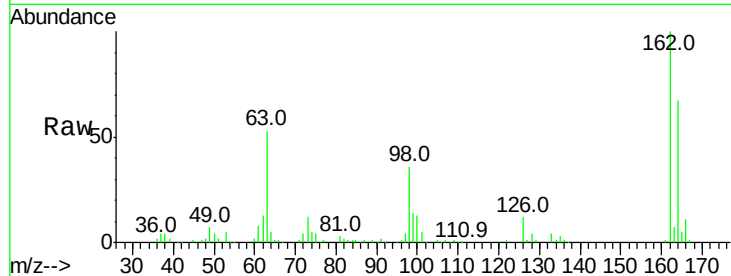




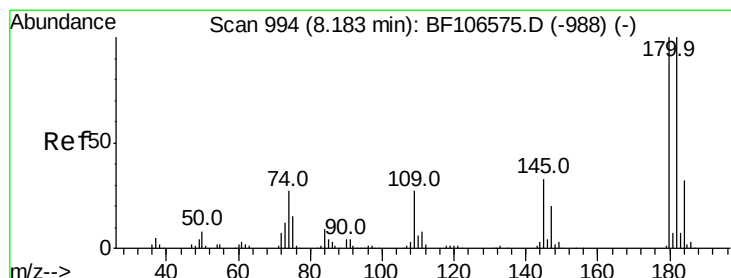
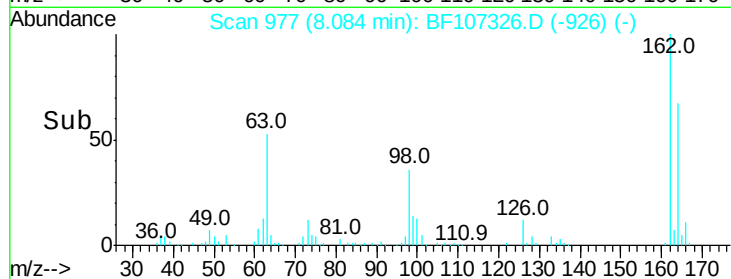
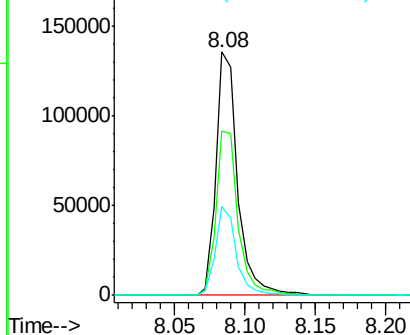
#29
 2,4-Dichlorophenol
 Concen: 51.888 ng
 RT: 8.08 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.2	42.7	82.7
98	36.2	18.1	58.1

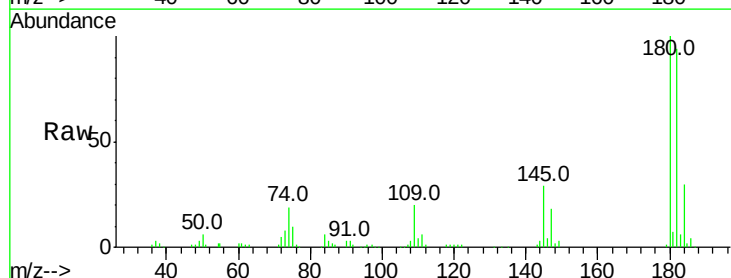


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

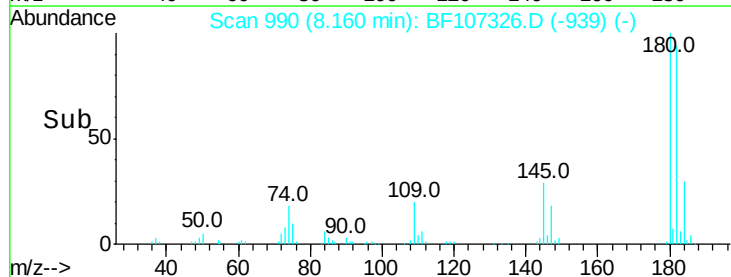
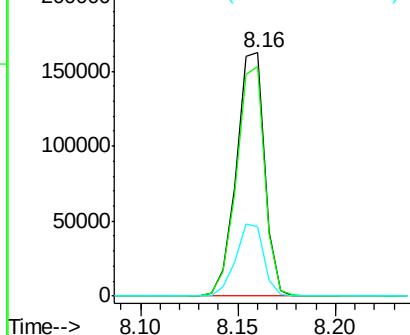


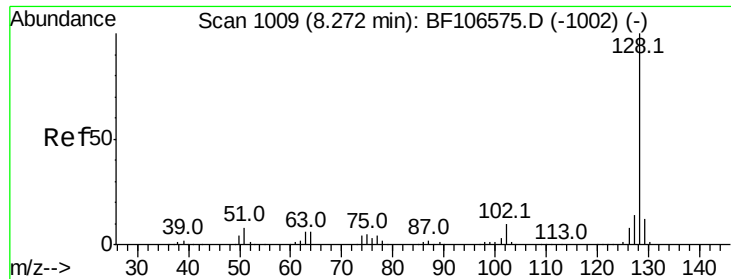
#30
 1,2,4-Trichlorobenzene
 Concen: 52.890 ng
 RT: 8.16 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.8	115.2
145	28.5	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

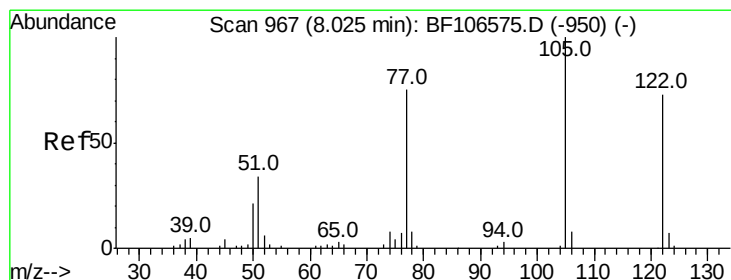
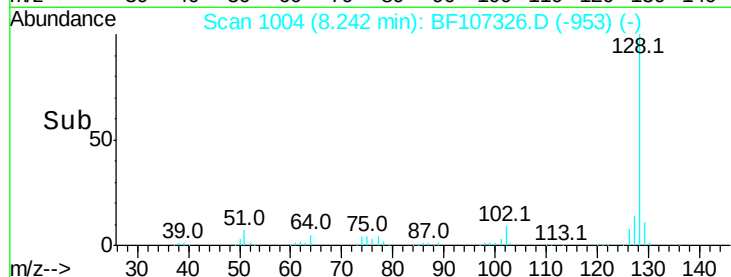
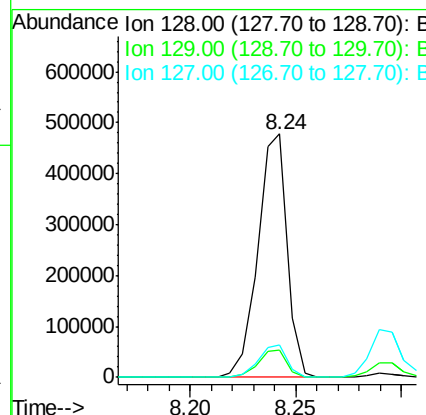
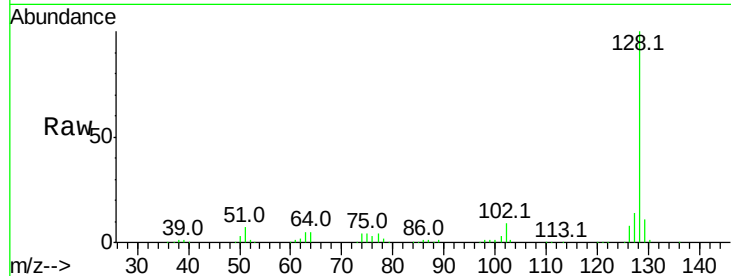




#31
Naphthalene
Concen: 49.650 ng
RT: 8.24 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

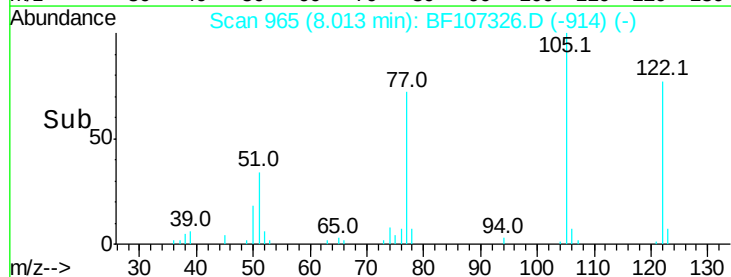
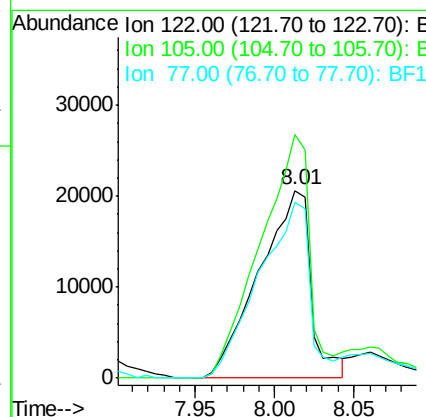
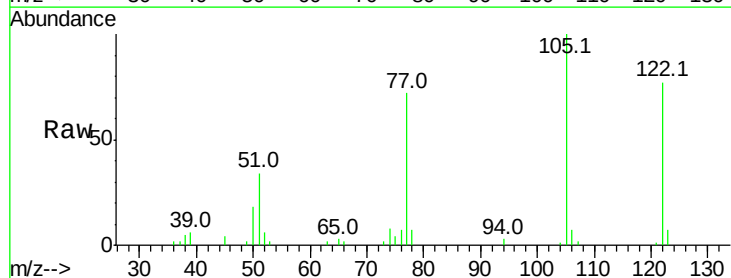
Instrument :
BNA_F
ClientSampleId :

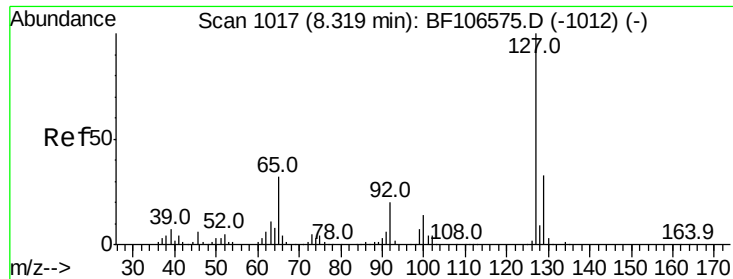
Tot Ion:128 Resp: 462949
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 26.957 ng
RT: 8.01 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion:122 Resp: 46873
Ion Ratio Lower Upper
122 100
105 129.7 101.1 141.1
77 93.7 70.7 110.7

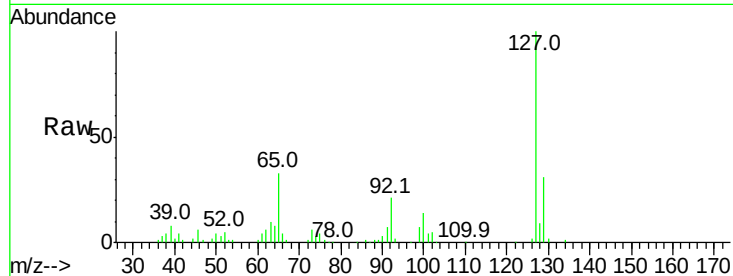




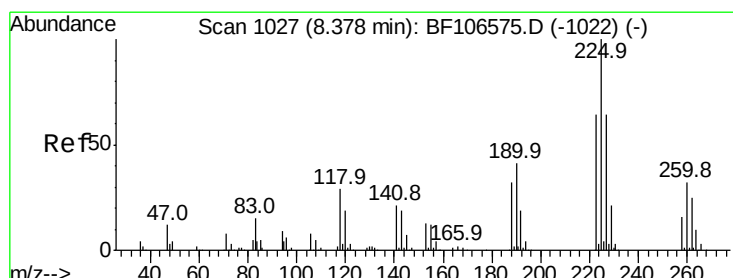
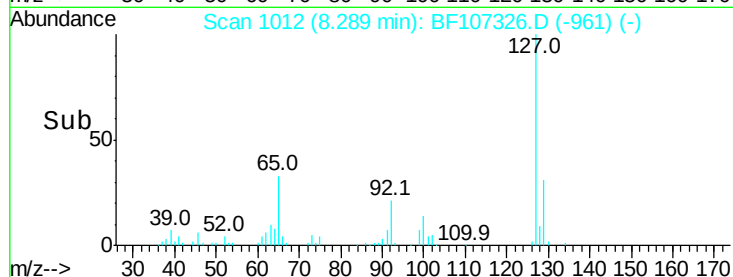
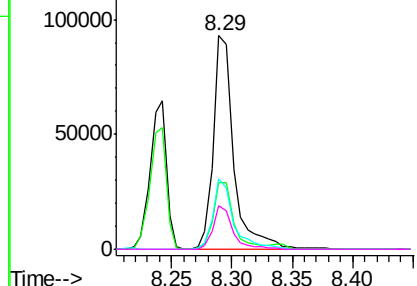
#33
4-Chloroaniline
Concen: 27.692 ng
RT: 8.29 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	108342
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	33.1	25.0	37.4
92	20.5	15.2	22.8

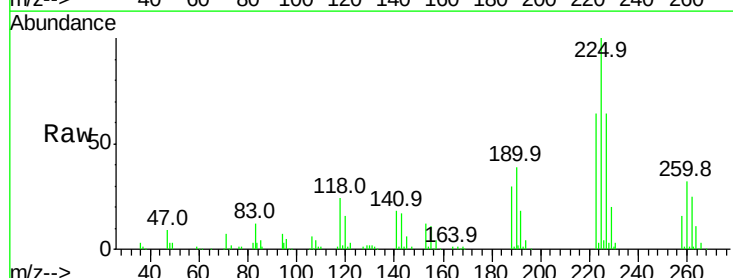


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

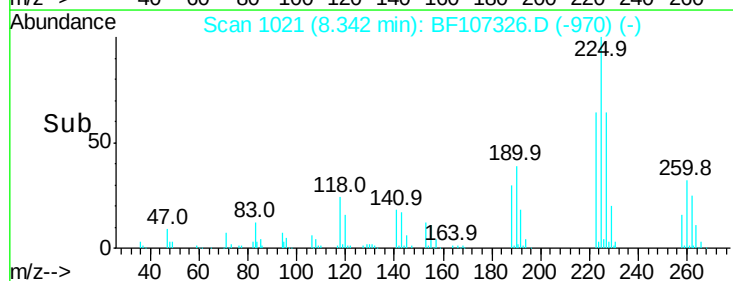
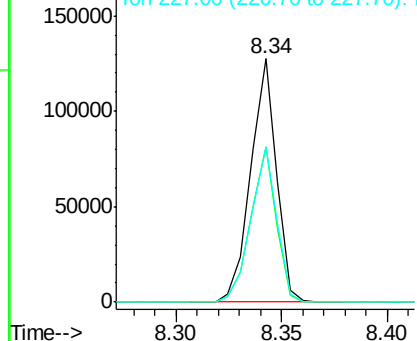


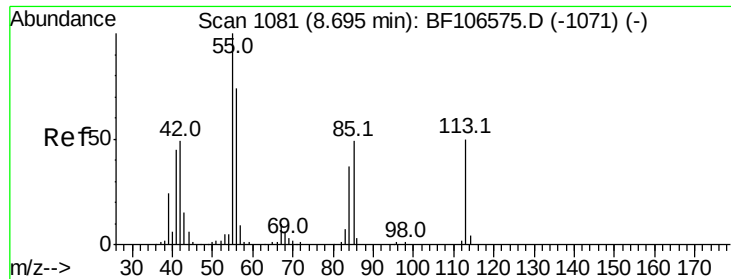
#34
Hexachlorobutadiene
Concen: 53.880 ng
RT: 8.34 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion:	225	Resp:	108247
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	63.9	51.9	77.9



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





#35

Caprolactam

Concen: 34.886 ng

RT: 8.68 min Scan# 1078

Delta R.T. 0.01 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

ClientSampled :

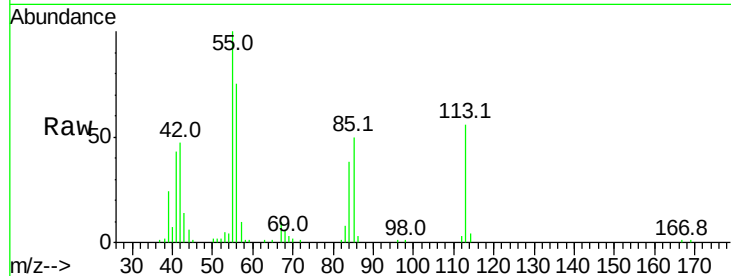
Tot Ion:113 Resp: 31828

Ion Ratio Lower Upper

113 100

55 179.1 163.3 203.3

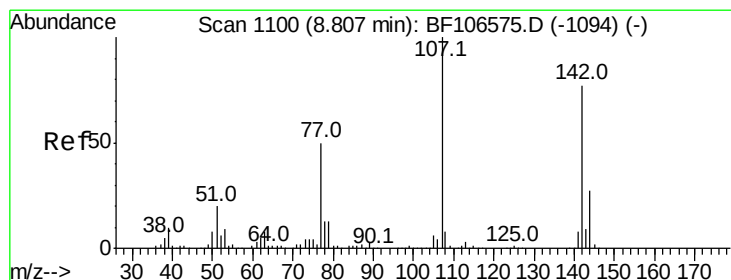
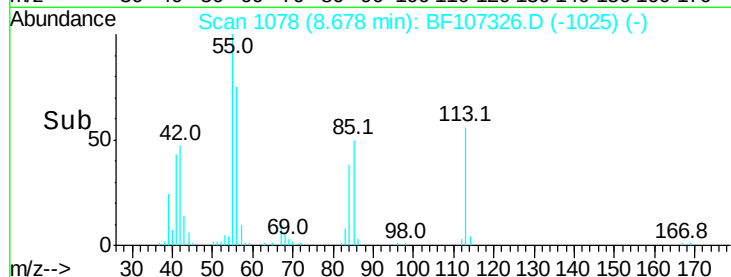
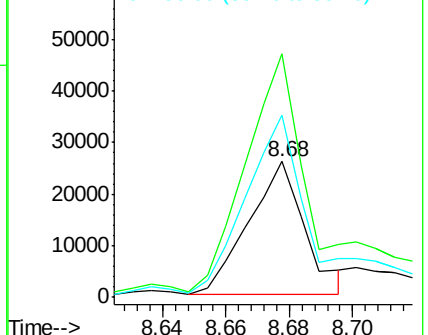
56 134.2 115.7 155.7



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: 48.545 ng

RT: 8.79 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

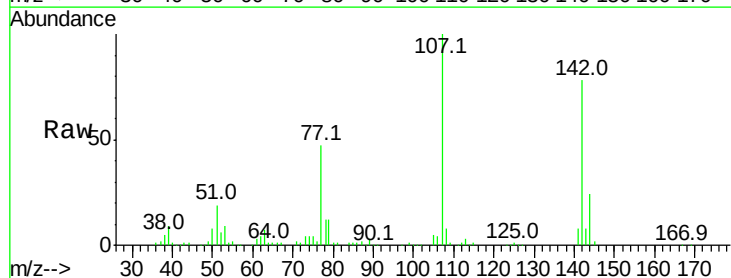
Tgt Ion:107 Resp: 143012

Ion Ratio Lower Upper

107 100

144 24.2 20.5 30.7

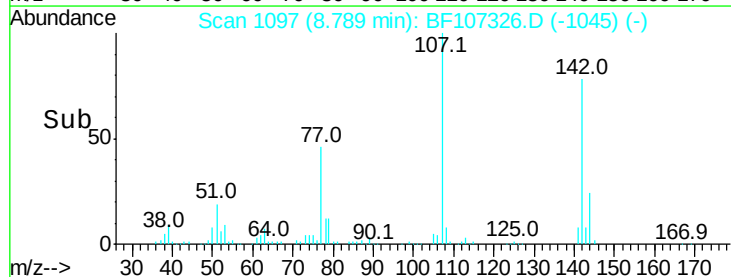
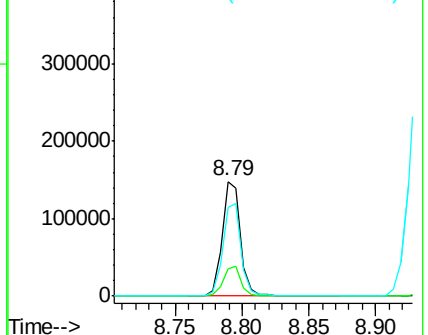
142 77.6 62.0 93.0

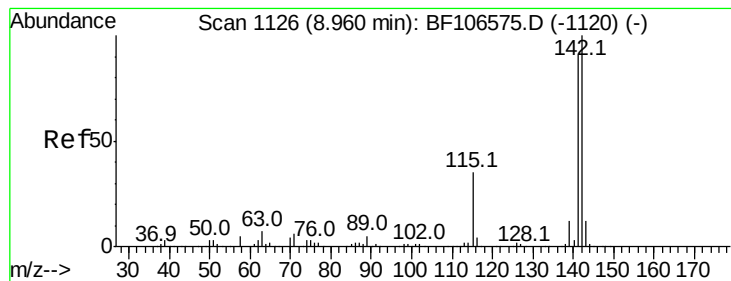


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 53.396 ng

RT: 8.94 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

ClientSampleId :

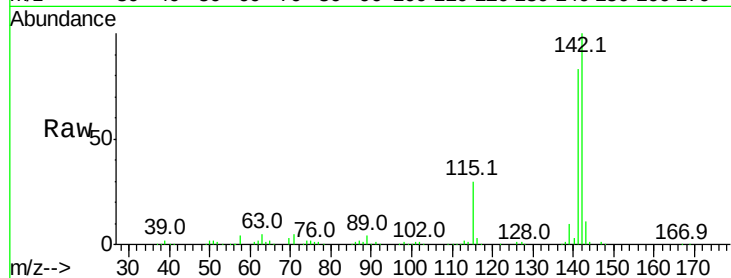
Tot Ion:142 Resp: 330001

Ion Ratio Lower Upper

142 100

141 83.2 70.8 106.2

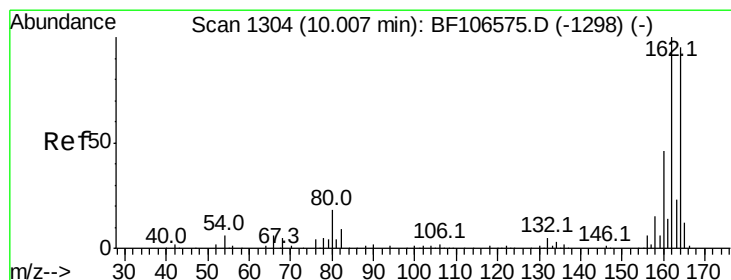
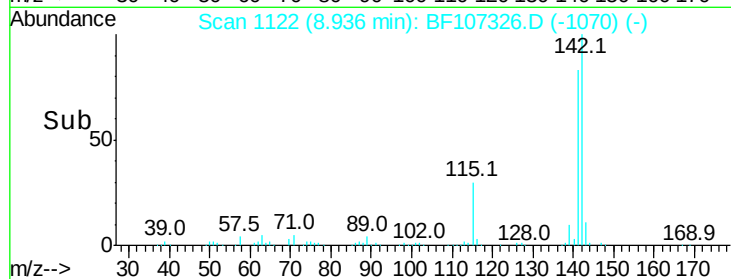
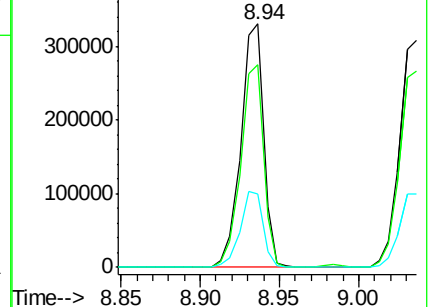
115 29.9 26.1 39.1



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: 9.98 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

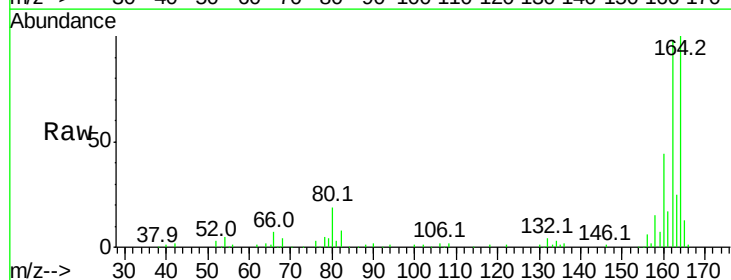
Tgt Ion:164 Resp: 94026

Ion Ratio Lower Upper

164 100

162 98.3 86.1 129.1

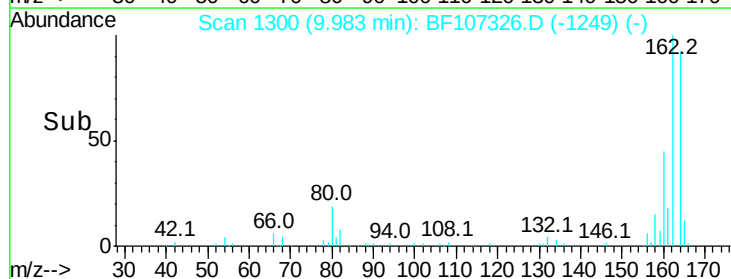
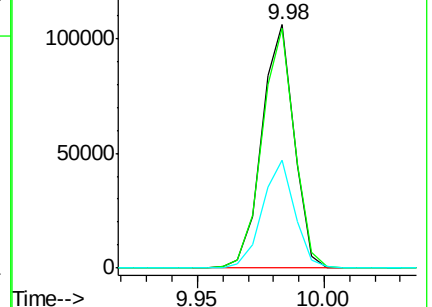
160 44.1 38.3 57.5

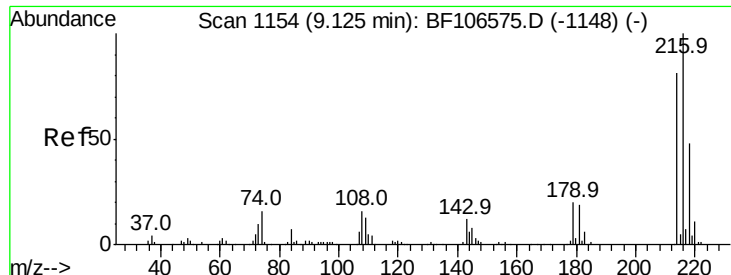


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

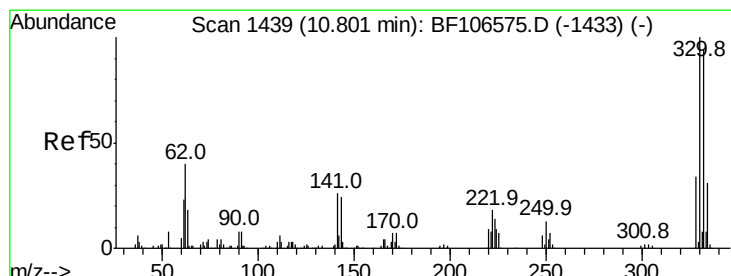
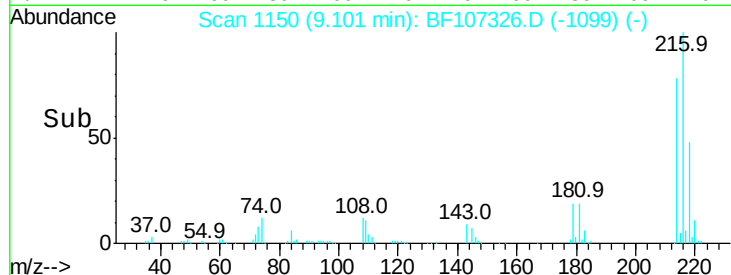
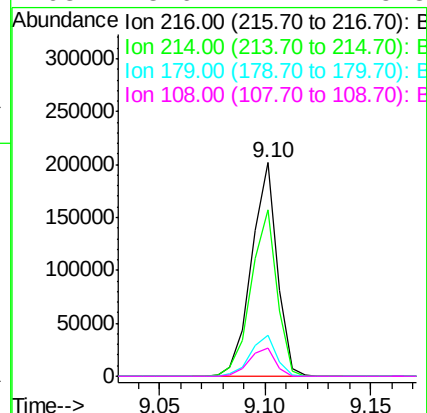
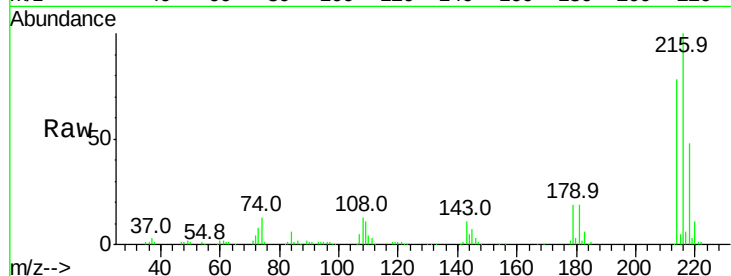




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 53.808 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

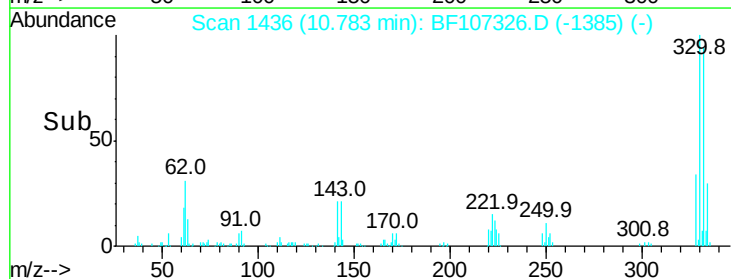
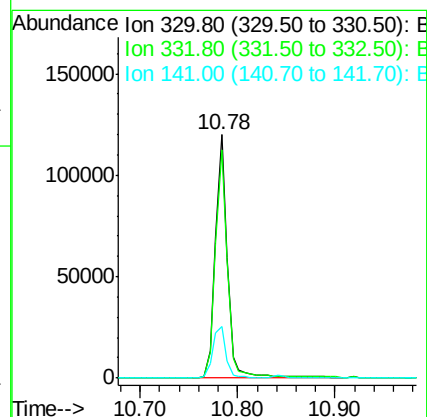
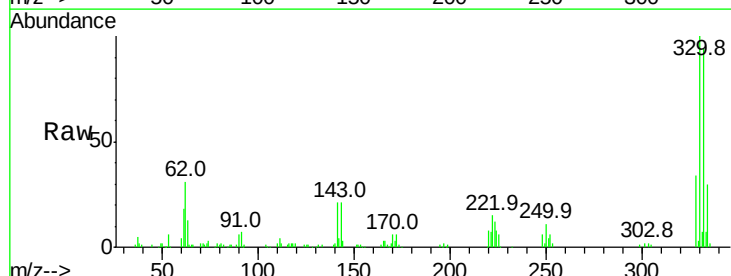
Instrument :
 BNA_F
 ClientSampleId :

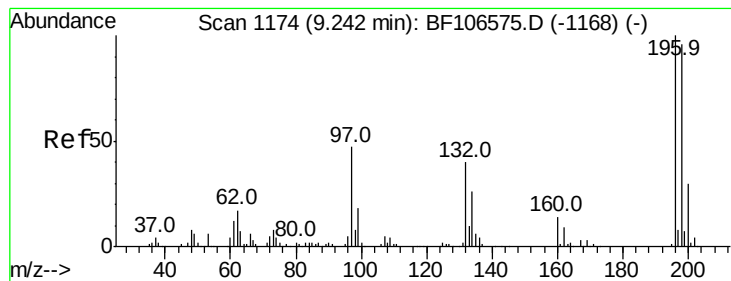
Tot Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.0	94.4
179	19.4	18.1	27.1
108	13.6	17.2	25.8



#41
 2,4,6-Tribromophenol
 Concen: 95.978 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	22.8	29.9	44.9





#42

2,4,6-Trichlorophenol

Concen: 45.246 ng

RT: 9.22 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

ClientSampleId :

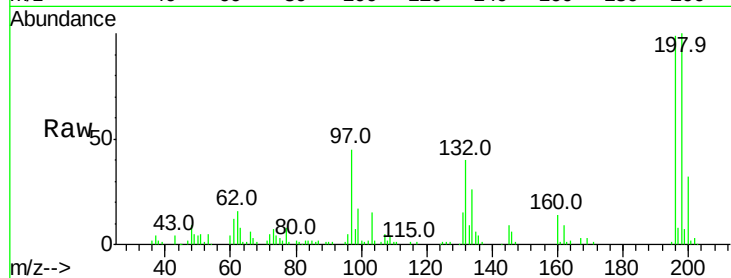
Tot Ion:196 Resp: 95235

Ion Ratio Lower Upper

196 100

198 100.5 75.7 113.5

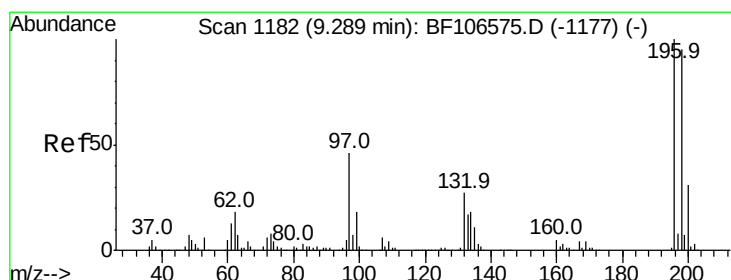
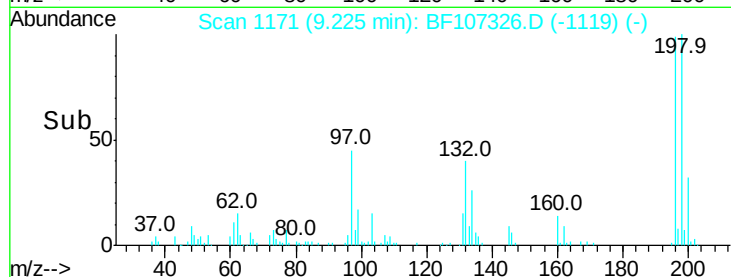
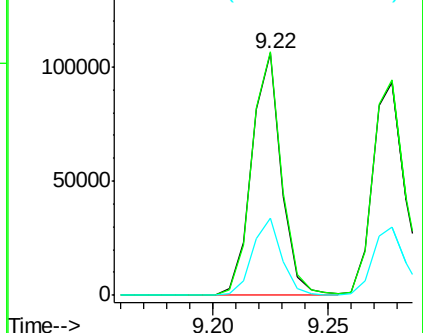
200 31.7 24.5 36.7



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: 43.508 ng

RT: 9.28 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Tgt Ion:196 Resp: 95557

Ion Ratio Lower Upper

196 100

198 101.2 74.6 112.0

97 40.2 42.9 64.3#

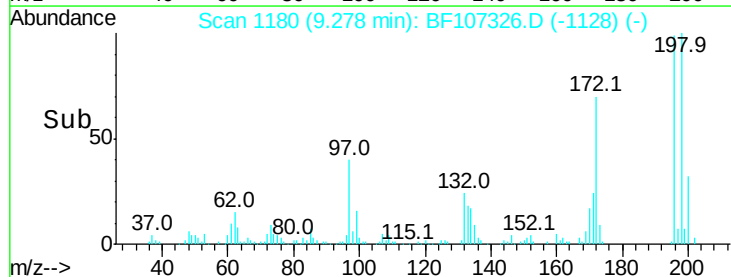
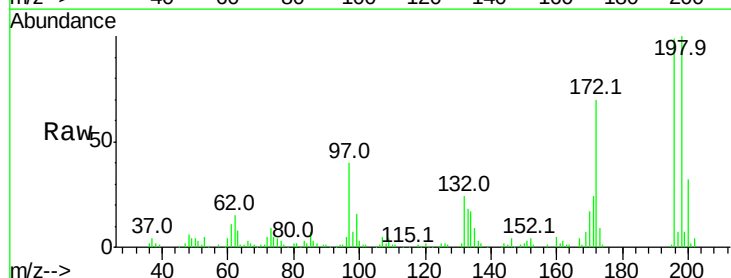
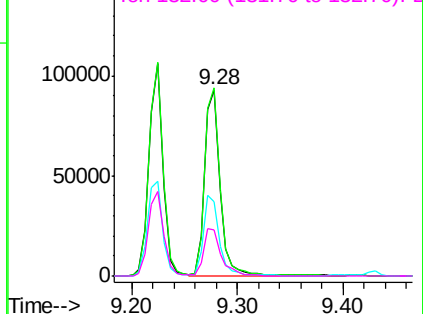
132 24.8 26.3 39.5#

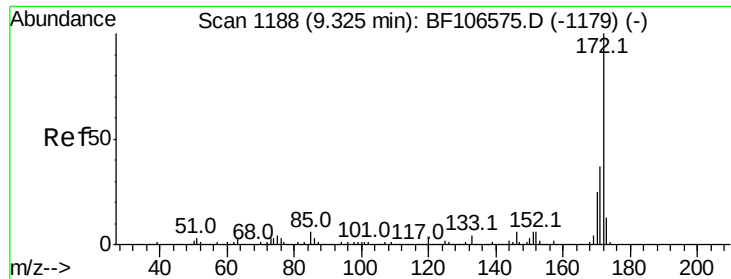
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

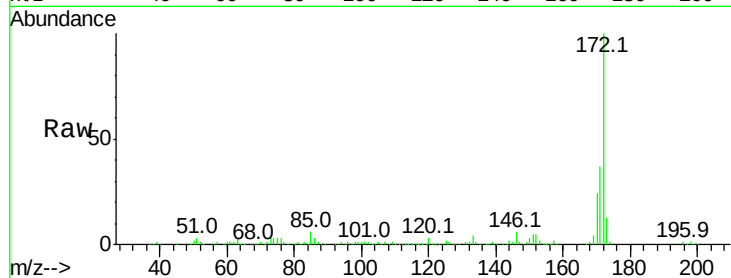




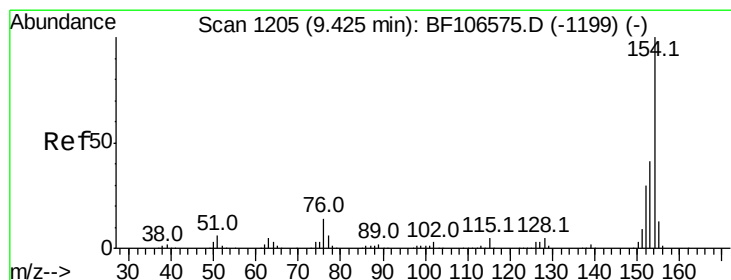
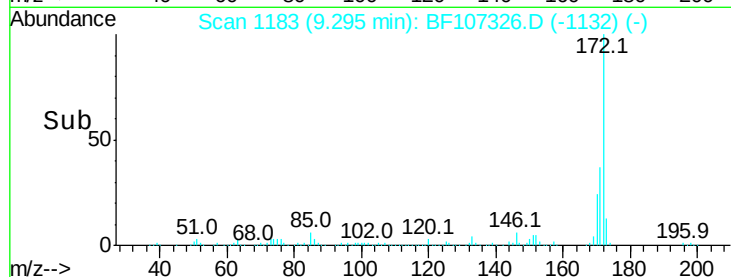
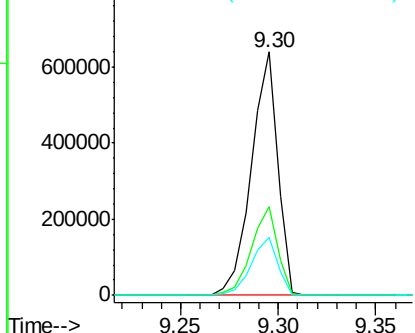
#44
2-Fluorobiphenyl
Concen: 112.753 ng
RT: 9.30 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 599591
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.1 19.6 29.4

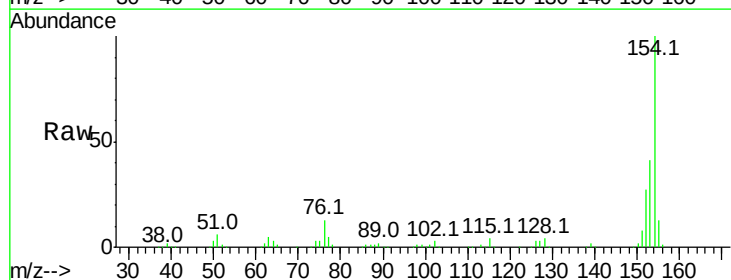


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

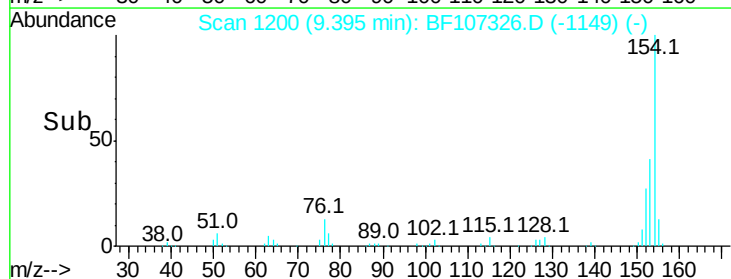
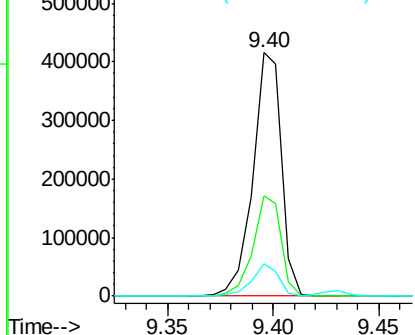


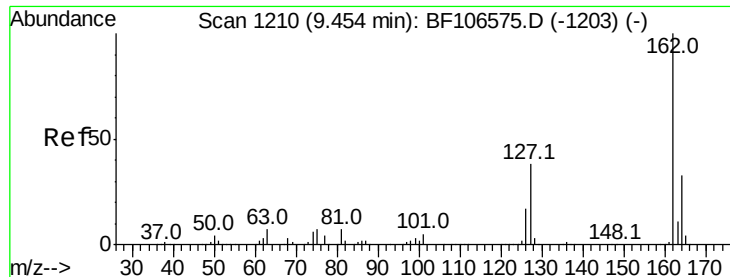
#45
1,1'-Biphenyl
Concen: 52.033 ng
RT: 9.40 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion:154 Resp: 389904
Ion Ratio Lower Upper
154 100
153 41.0 21.3 61.3
76 13.1 0.0 34.0



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

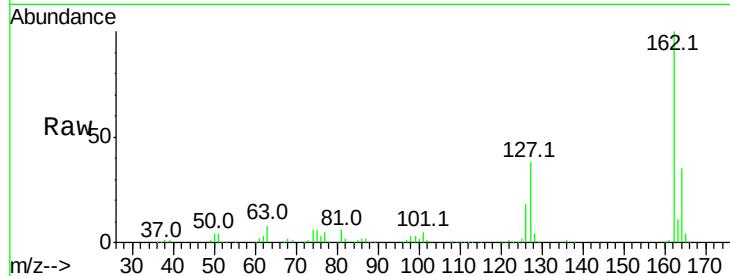




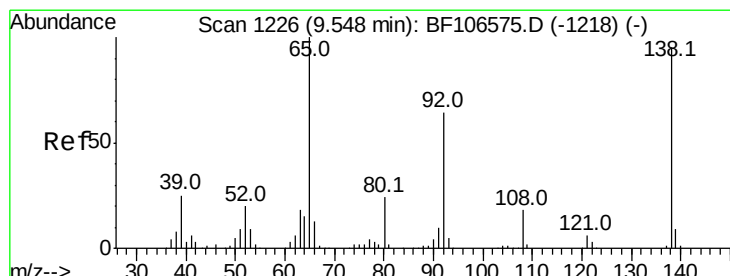
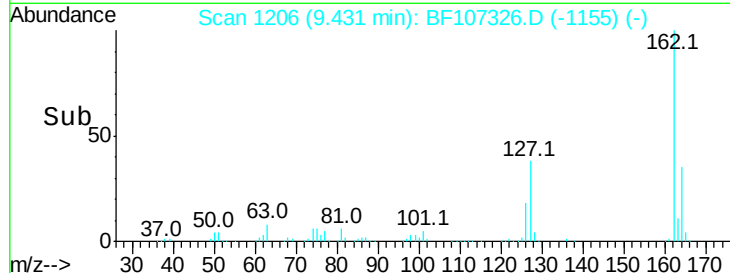
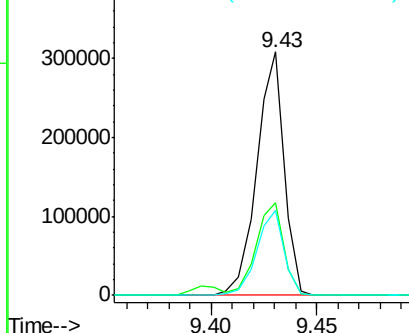
#46
 2-Chloronaphthalene
 Concen: 47.020 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 277344
 Ion Ratio Lower Upper
 162 100
 127 38.0 33.9 50.9
 164 34.7 26.5 39.7

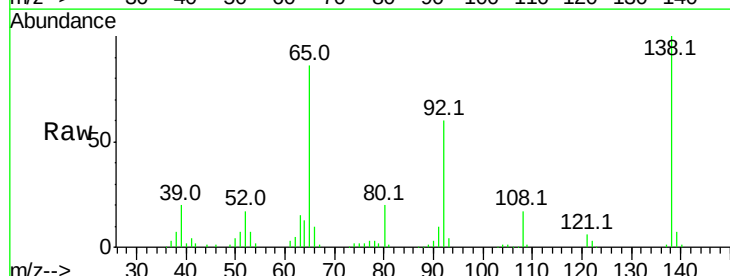


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

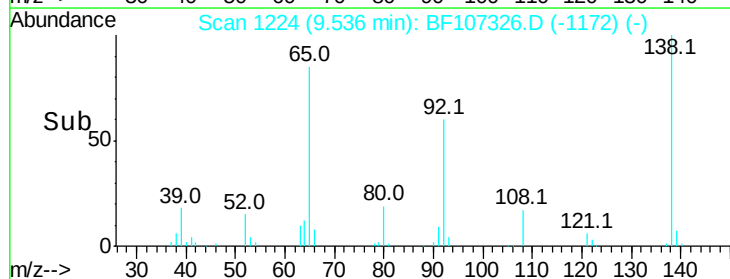
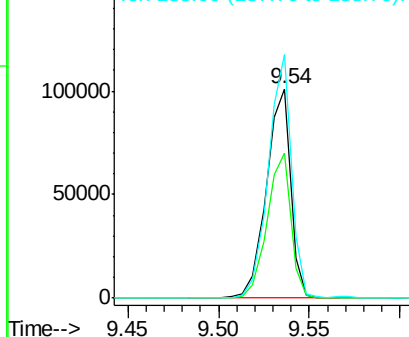


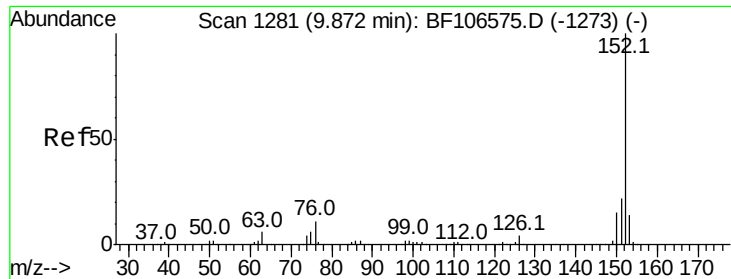
#47
 2-Nitroaniline
 Concen: 47.652 ng
 RT: 9.54 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Tgt Ion: 65 Resp: 94516
 Ion Ratio Lower Upper
 65 100
 92 69.5 55.8 83.6
 138 116.3 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): E





#48

Acenaphthylene

Concen: 46.449 ng

RT: 9.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

ClientSampleId :

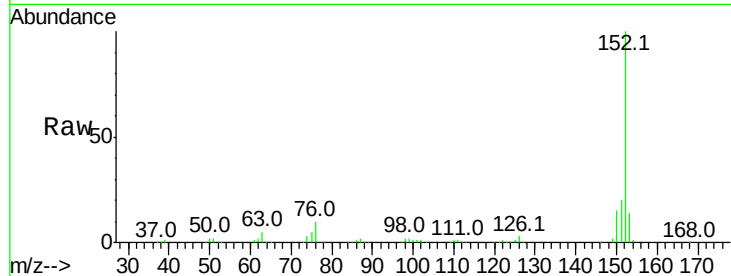
Tot Ion:152 Resp: 432551

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.9 10.7 16.1

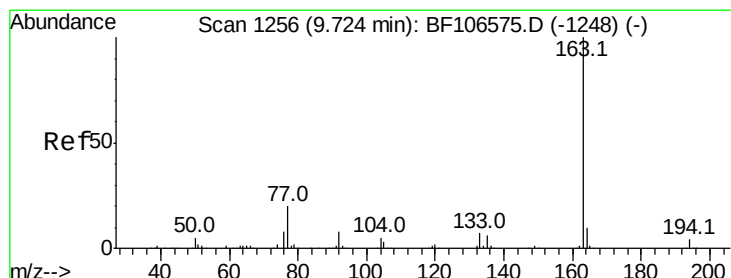
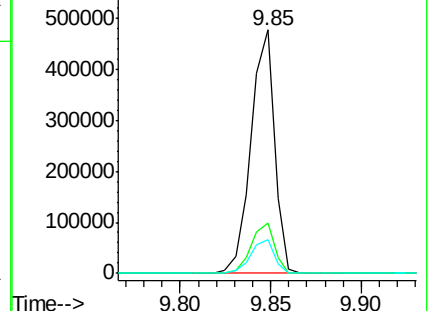
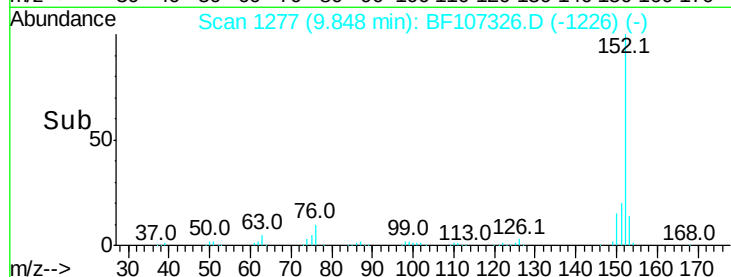


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

9.85



#49

Dimethylphthalate

Concen: 47.360 ng

RT: 9.70 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

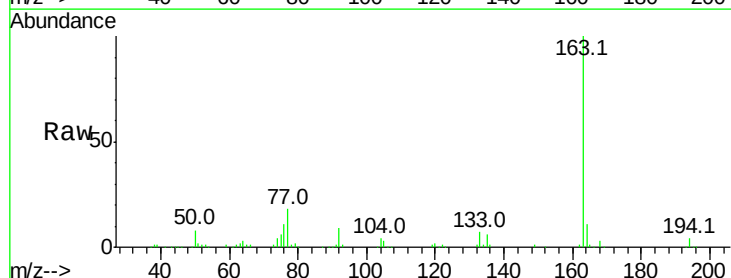
Tgt Ion:163 Resp: 333988

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

164 10.8 8.2 12.2

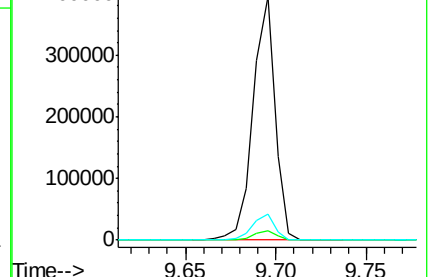
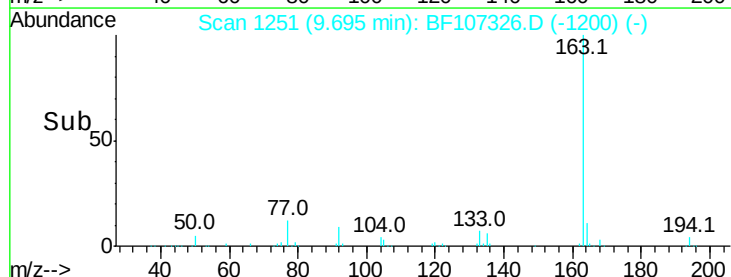


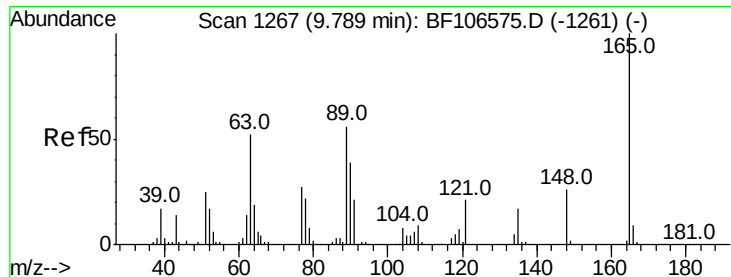
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.70

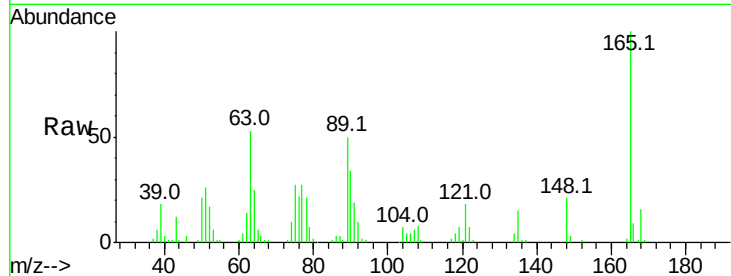




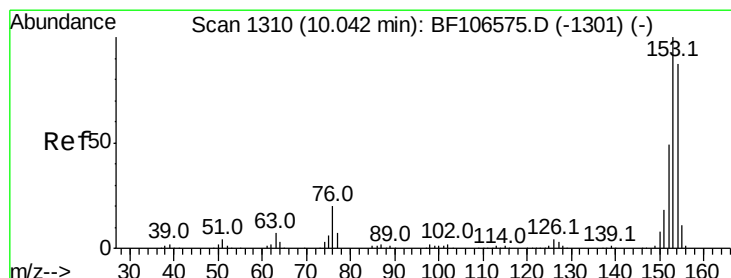
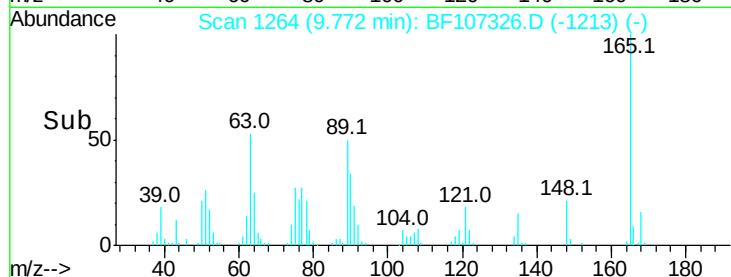
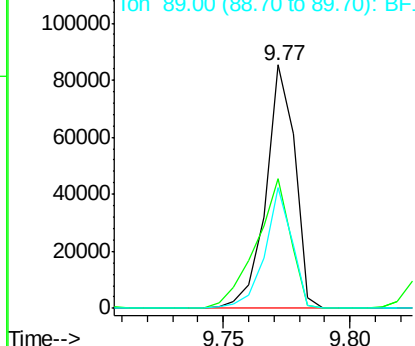
#50
2,6-Dinitrotoluene
Concen: 45.799 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 68392
Ion Ratio Lower Upper
165 100
63 53.4 44.7 67.1
89 49.7 44.0 66.0

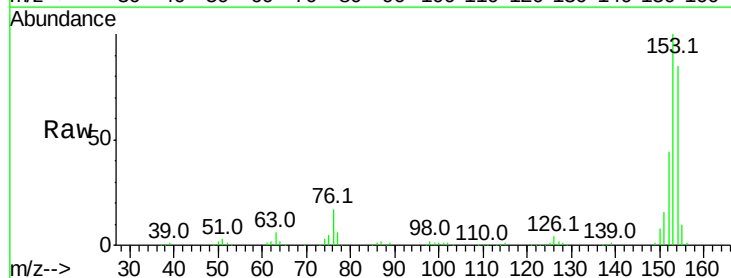


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

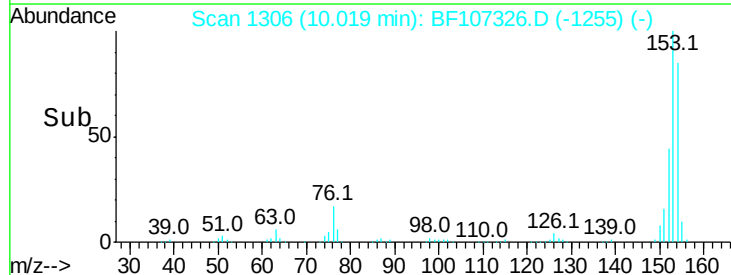
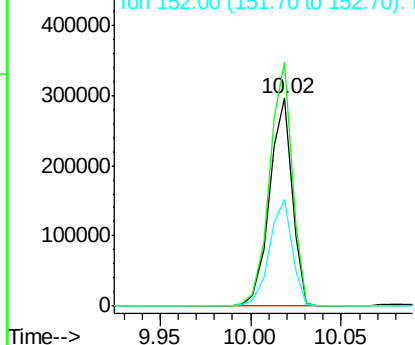


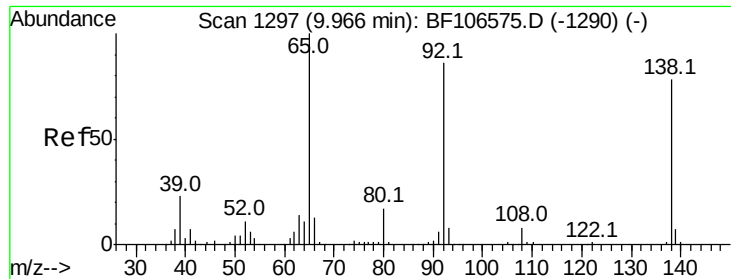
#51
Acenaphthene
Concen: 43.823 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion:154 Resp: 256984
Ion Ratio Lower Upper
154 100
153 117.3 91.2 136.8
152 51.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

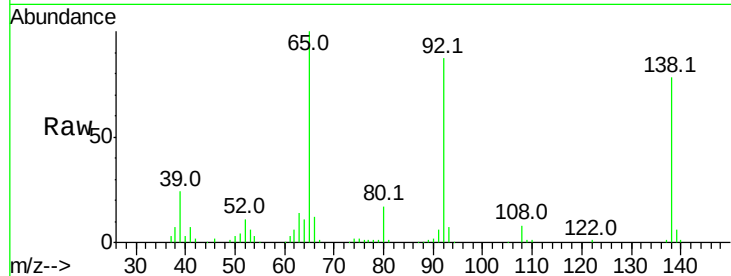




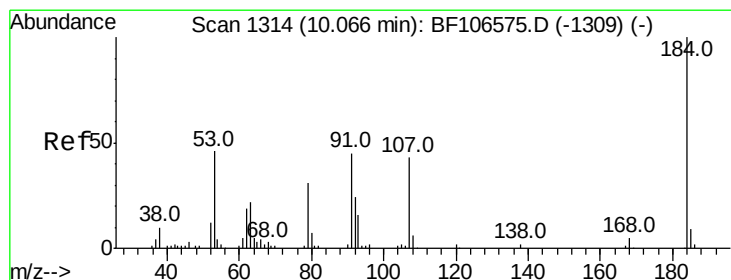
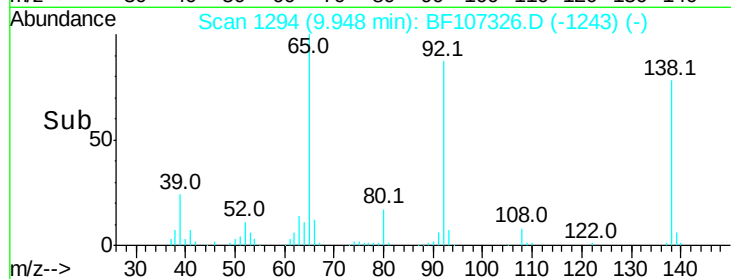
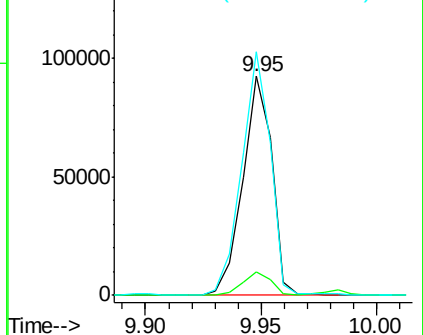
#52
3-Nitroaniline
Concen: 47.408 ng
RT: 9.95 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 81466
Ion Ratio Lower Upper
138 100
108 10.4 9.4 14.0
92 111.1 89.4 134.2

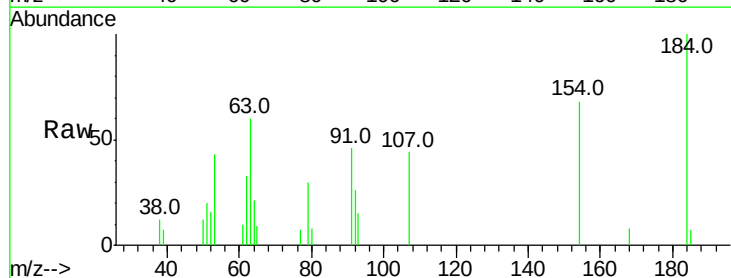


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

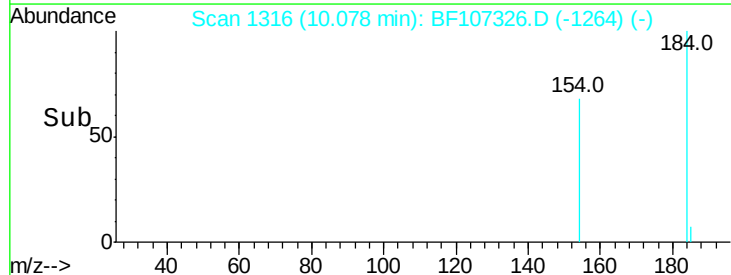
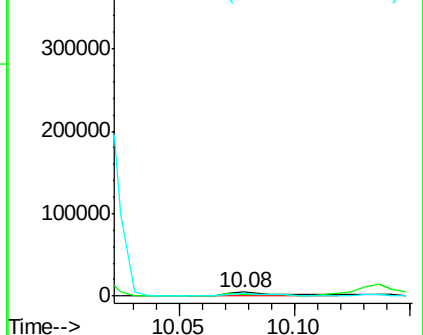


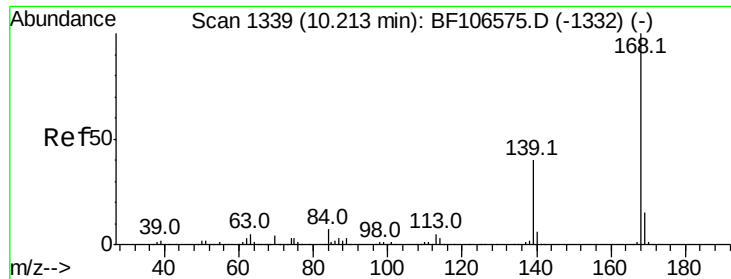
#53
2,4-Dinitrophenol
Concen: 15.406 ng
RT: 10.08 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion:184 Resp: 8365
Ion Ratio Lower Upper
184 100
63 59.9 54.2 81.2
154 68.1 184.0 276.0#



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





#54

Dibenzofuran

Concen: 47.426 ng

RT: 10.19 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

ClientSampleId :

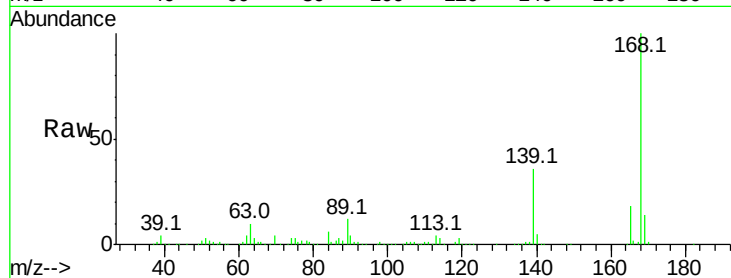
Tot Ion:168 Resp: 380820

Ion Ratio Lower Upper

168 100

139 35.6 30.1 45.1

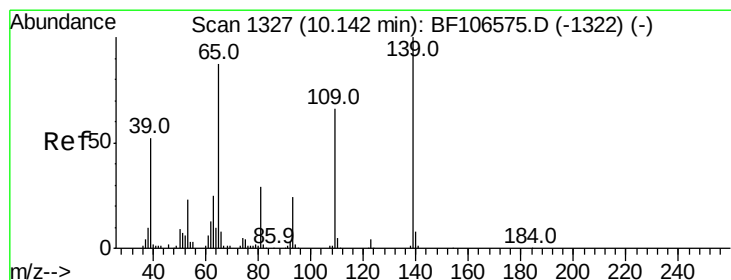
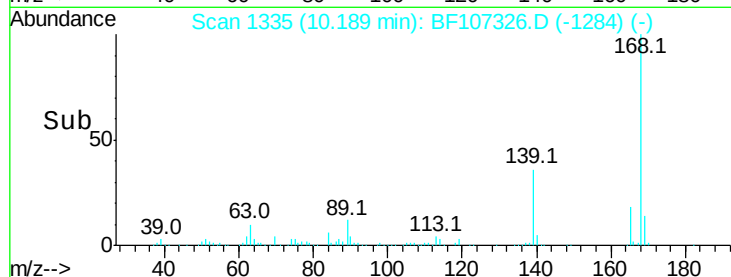
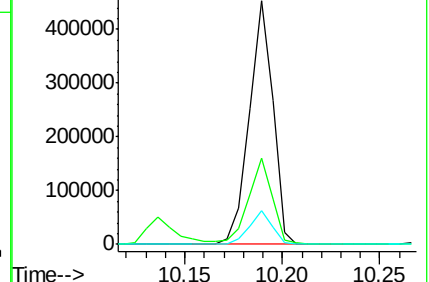
169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 45.955 ng

RT: 10.14 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

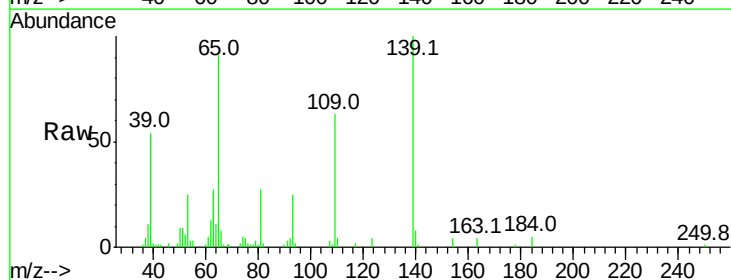
Tgt Ion:139 Resp: 55121

Ion Ratio Lower Upper

139 100

109 62.9 48.4 88.4

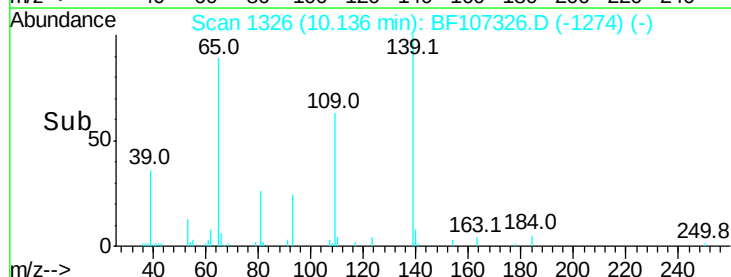
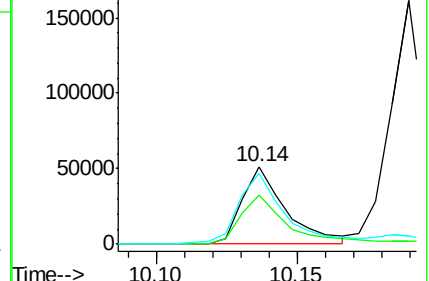
65 91.1 72.6 112.6

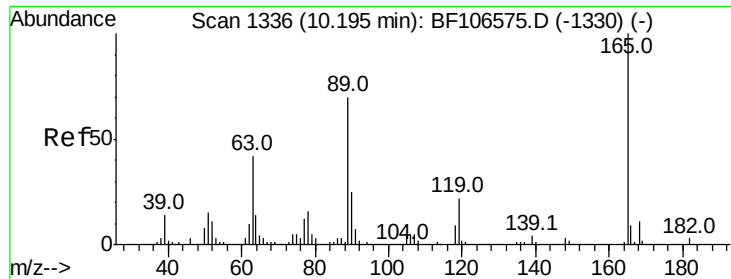


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

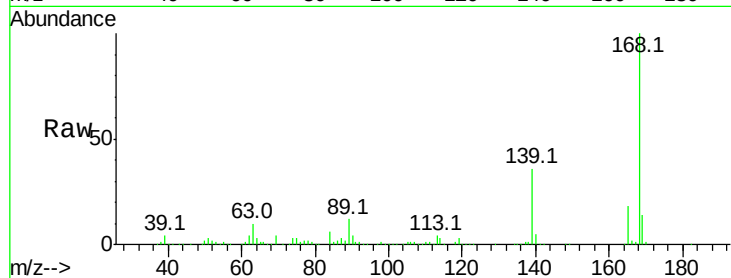




#56
2,4-Dinitrotoluene
Concen: 39.056 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.3	36.4	54.6
89	66.8	57.8	86.6
182	2.2	1.6	2.4



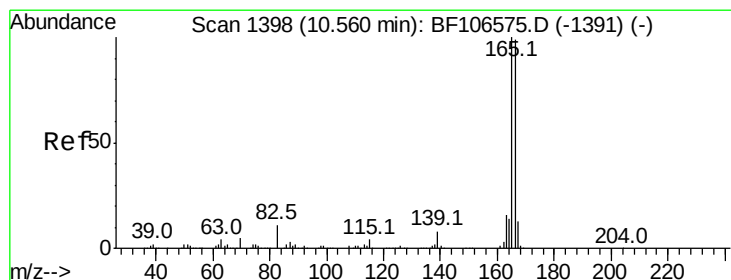
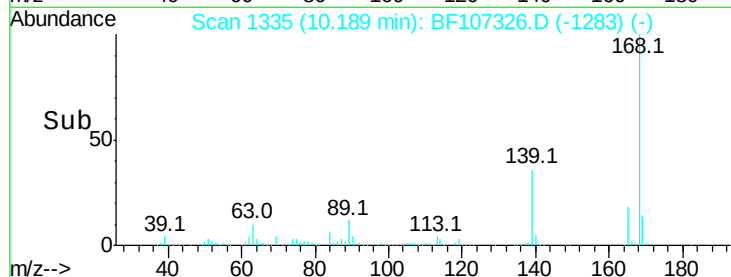
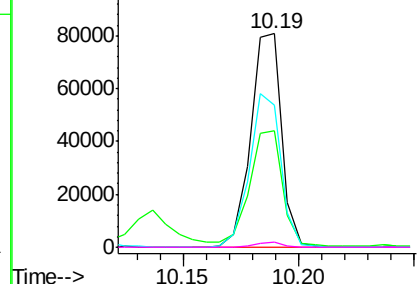
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

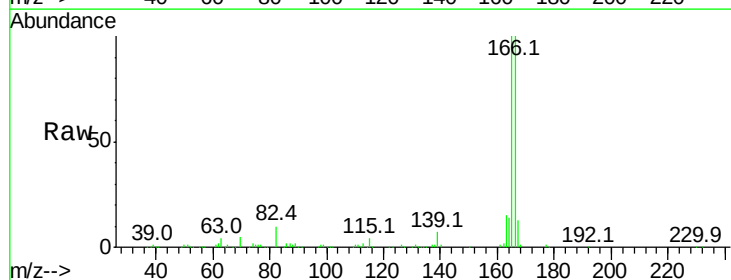
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 48.852 ng
RT: 10.54 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	13.2	10.6	16.0

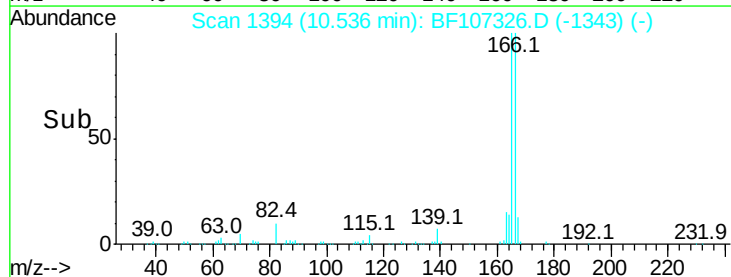
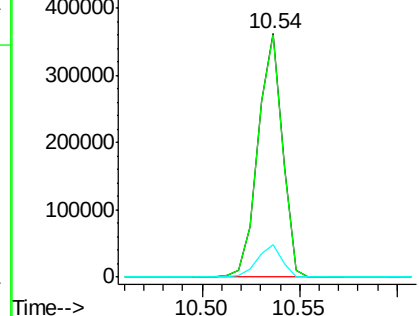


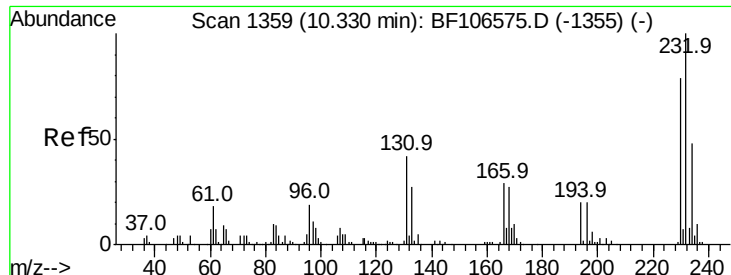
Abundance

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: 43.991 ng

RT: 10.32 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 76803

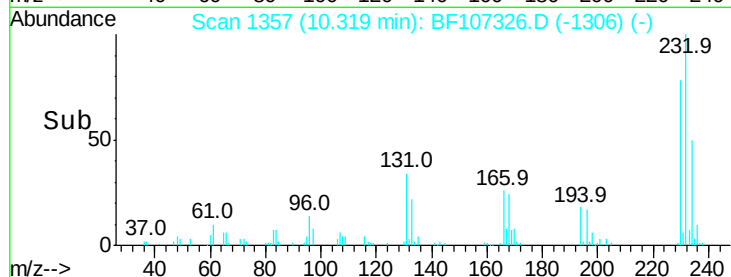
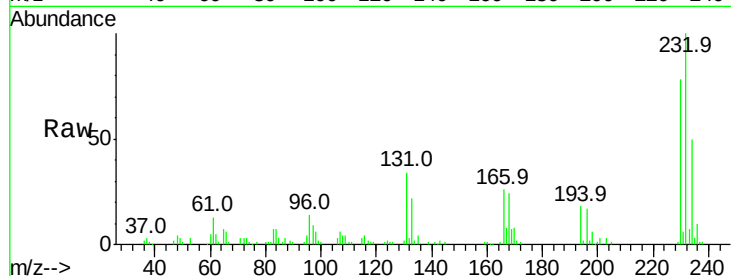
Ion Ratio Lower Upper

232 100

131 32.7 43.8 65.8#

130 1.3 2.1 3.1#

166 24.2 27.8 41.6#

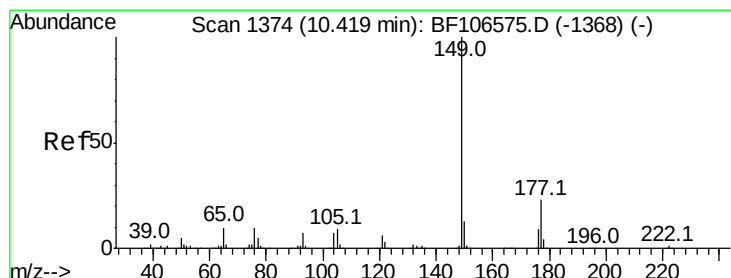
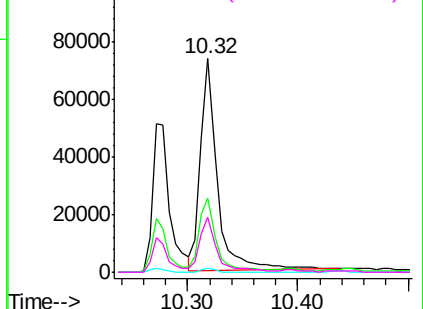


Abundance Ion 232.00 (231.70 to 232.70): E

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: 47.554 ng

RT: 10.40 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

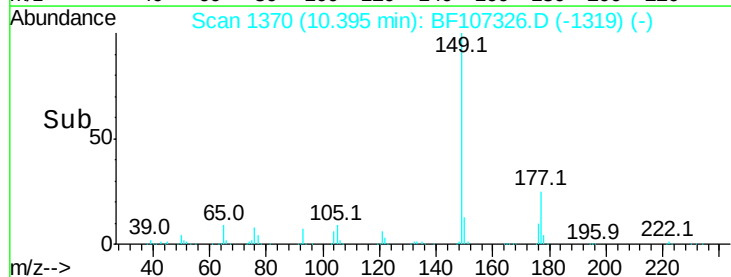
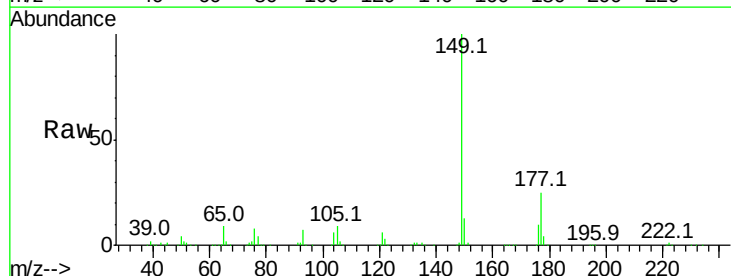
Tgt Ion:149 Resp: 323671

Ion Ratio Lower Upper

149 100

177 24.8 16.1 24.1#

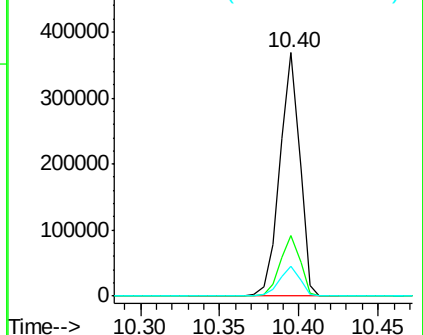
150 12.5 10.1 15.1

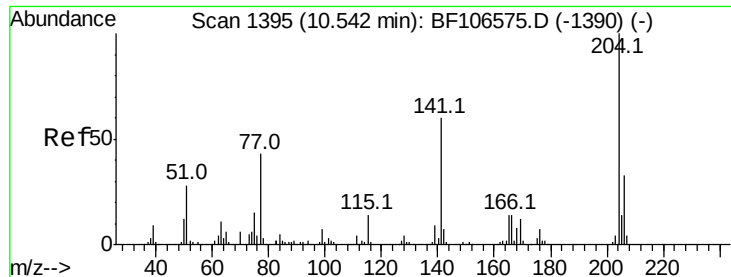


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

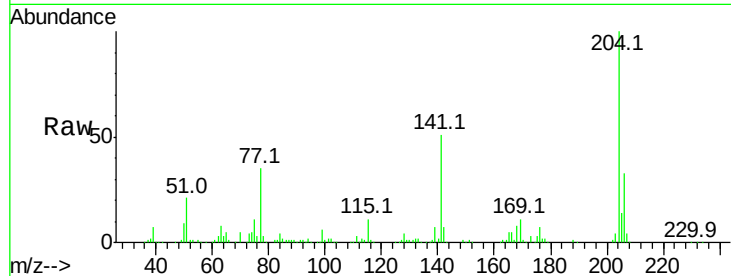




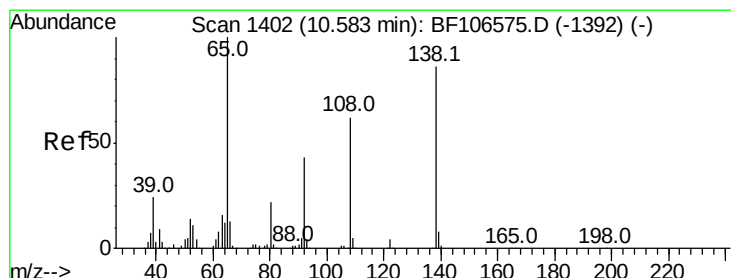
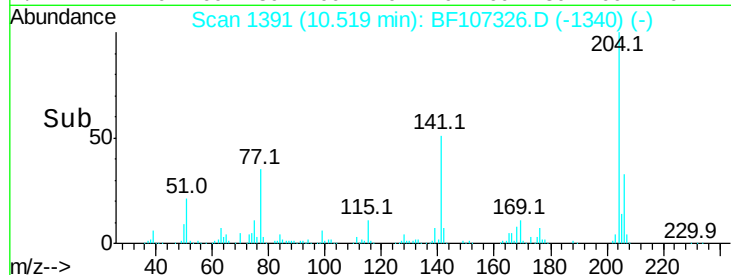
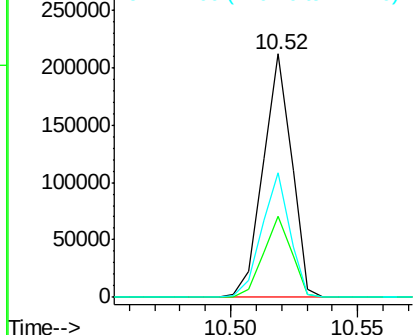
#60
4-Chlorophenyl-phenylether
Concen: 50.247 ng
RT: 10.52 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 167521
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 50.9 54.6 81.8#

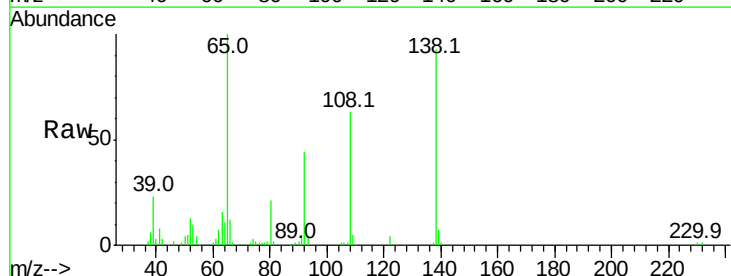


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

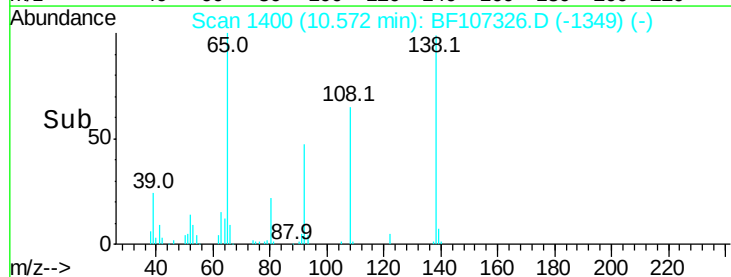
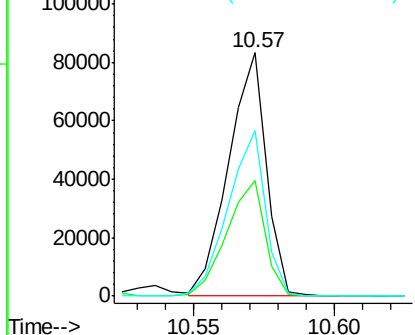


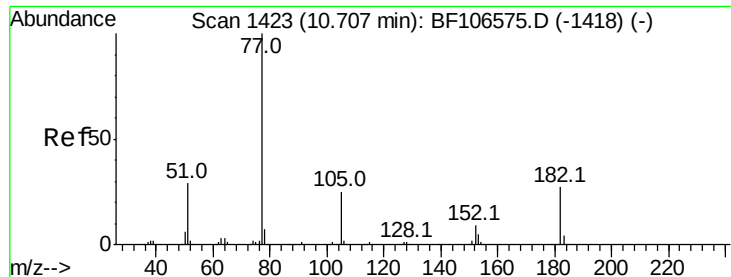
#61
4-Nitroaniline
Concen: 45.353 ng
RT: 10.57 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion:138 Resp: 77346
Ion Ratio Lower Upper
138 100
92 47.5 30.2 70.2
108 68.1 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: 43.928 ng

RT: 10.68 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 294435

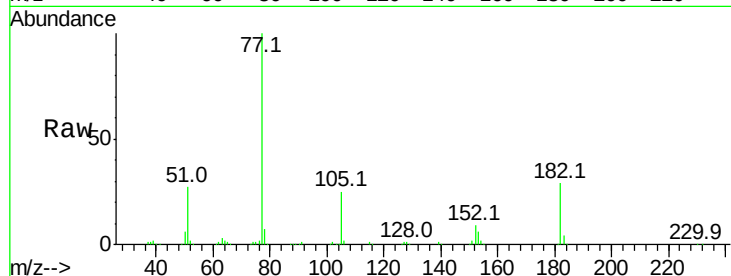
Ion Ratio Lower Upper

77 100

182 29.1 1.7 41.7

105 25.0 3.0 43.0

51 26.6 9.9 49.9

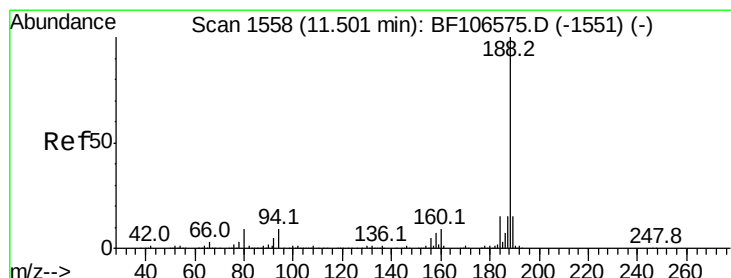
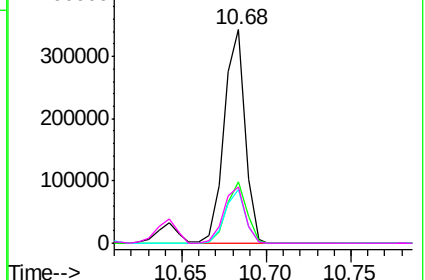
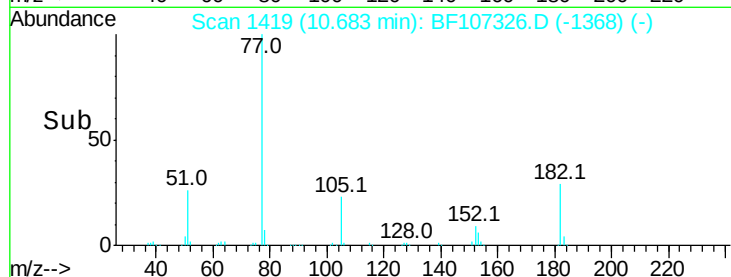


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

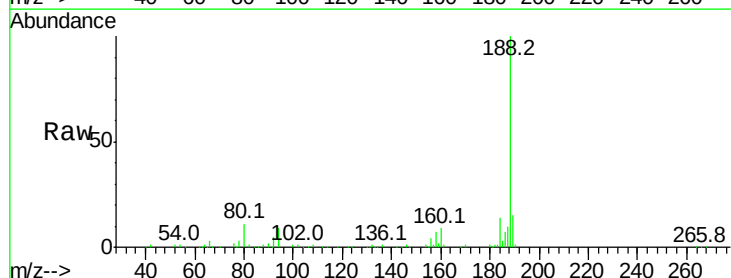
Tgt Ion: 188 Resp: 176449

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

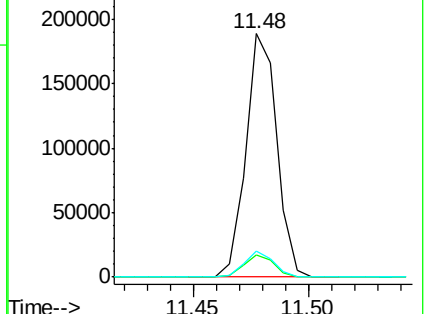
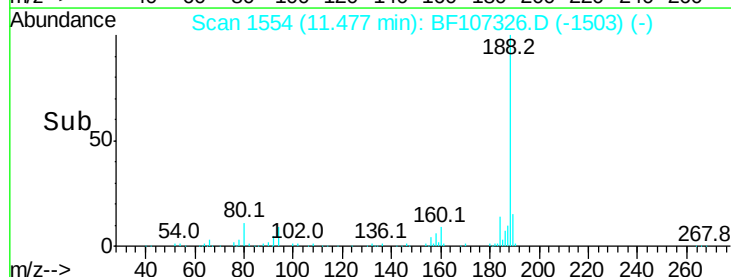
80 10.5 9.2 13.8

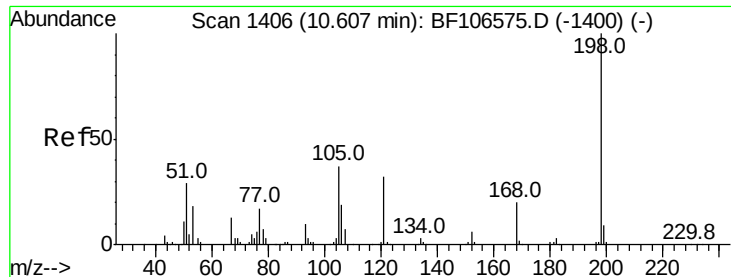


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

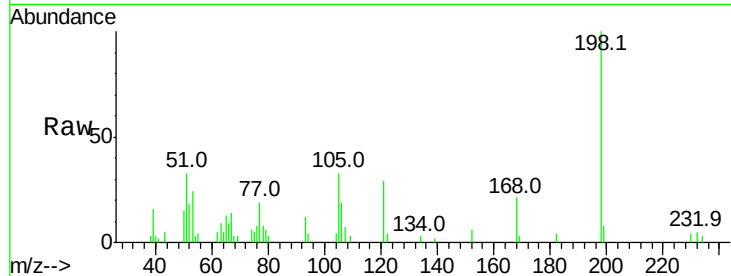




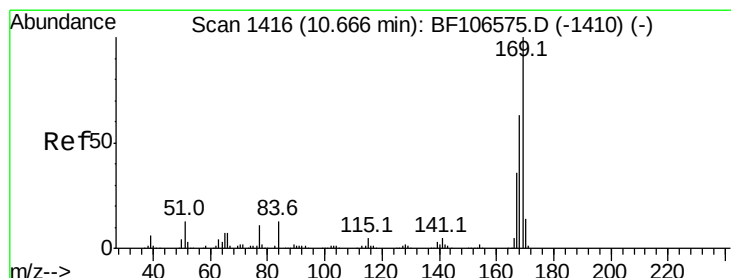
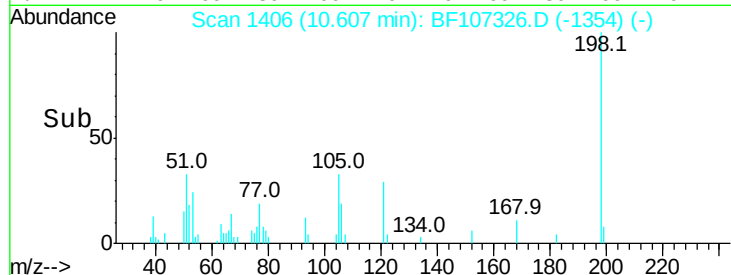
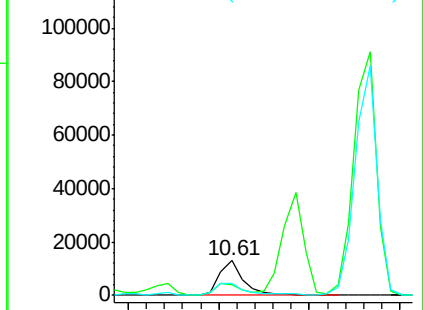
#64
 4,6-Dinitro-2-methylphenol
 Concen: 10.970 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 11965
 Ion Ratio Lower Upper
 198 100
 51 32.7 37.7 77.7#
 105 33.4 36.3 76.3#

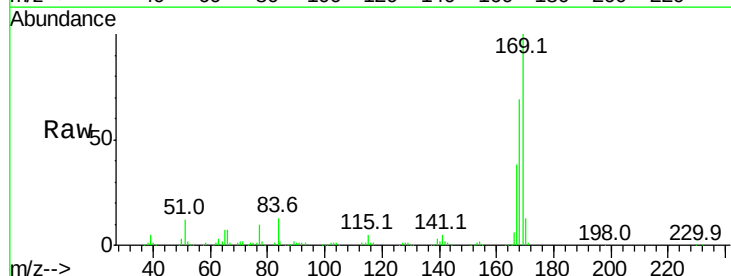


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

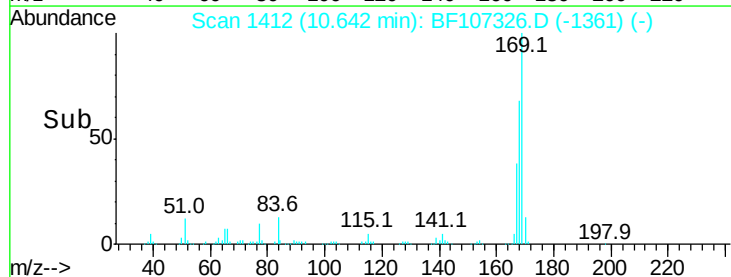
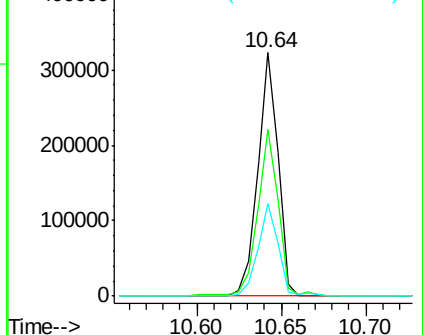


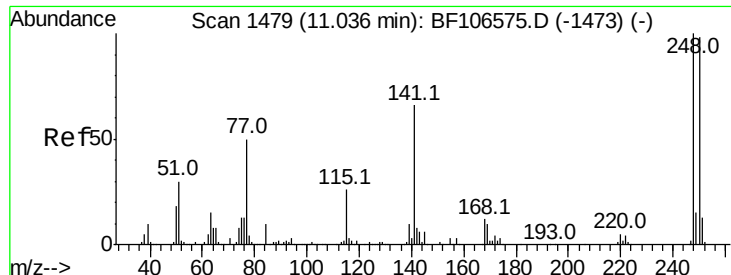
#65
 n-Nitrosodiphenylamine
 Concen: 45.549 ng
 RT: 10.64 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Tgt Ion:169 Resp: 270332
 Ion Ratio Lower Upper
 169 100
 168 68.5 54.4 81.6
 167 38.0 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

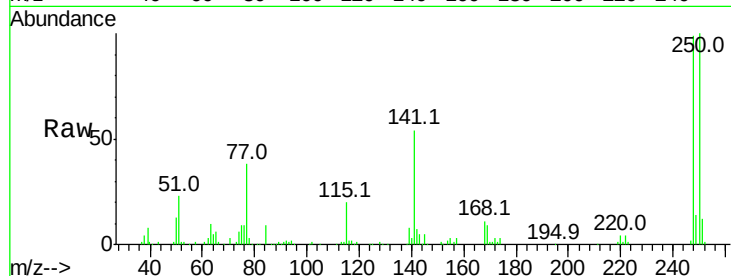




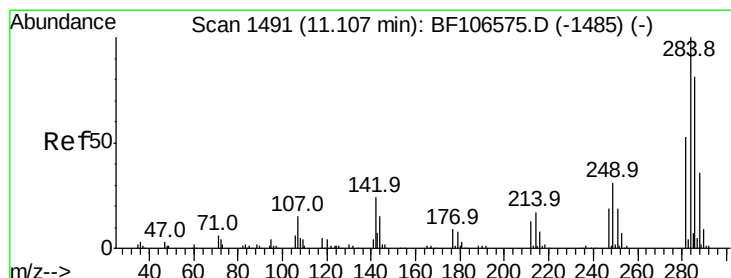
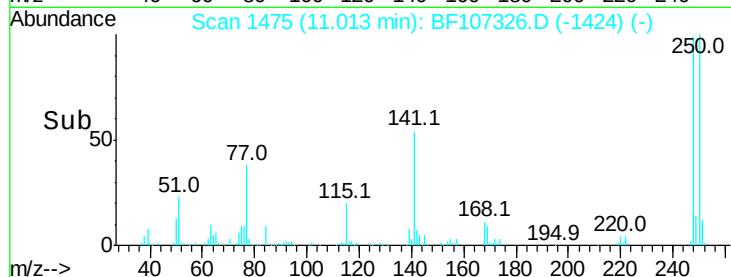
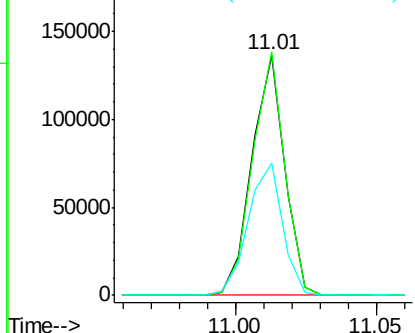
#66
4-Bromophenyl-phenylether
Concen: 52.329 ng
RT: 11.01 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 110196
Ion Ratio Lower Upper
248 100
250 101.5 76.9 115.3
141 55.3 74.4 111.6#

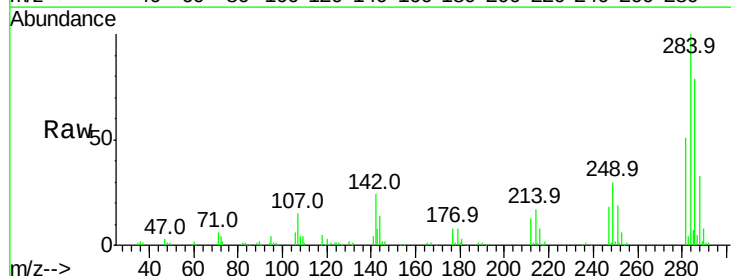


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

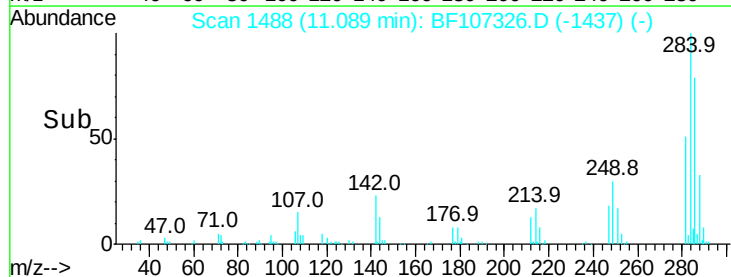
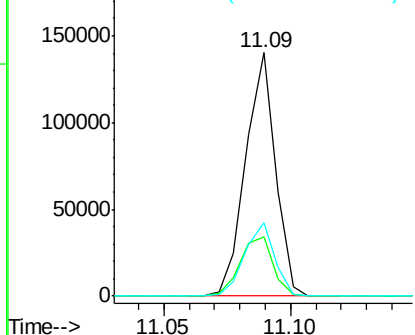


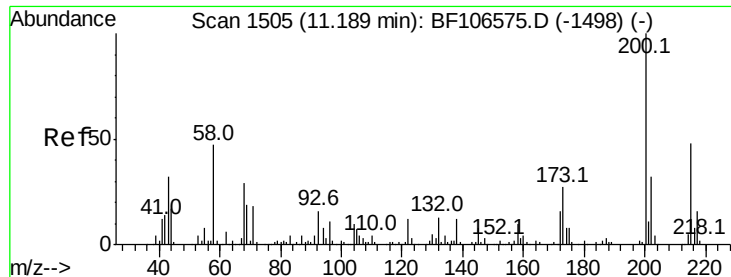
#67
Hexachlorobenzene
Concen: 52.190 ng
RT: 11.09 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion:284 Resp: 115028
Ion Ratio Lower Upper
284 100
142 24.4 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

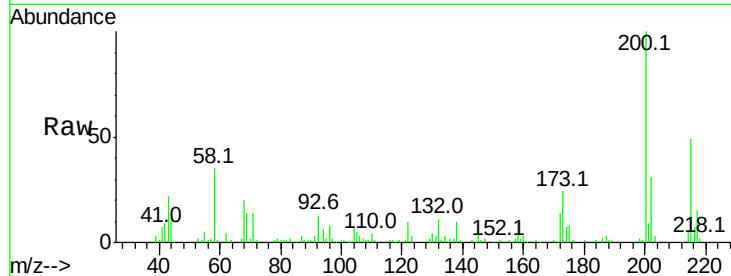




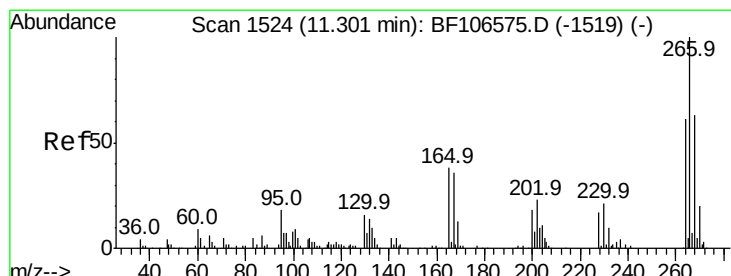
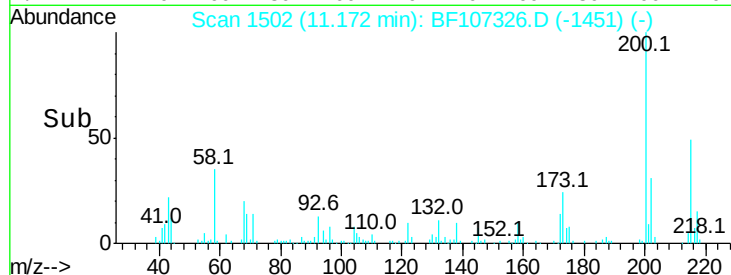
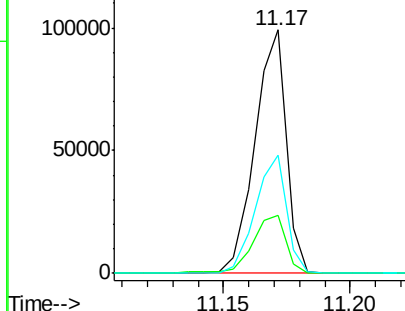
#68
Atrazine
Concen: 45.379 ng
RT: 11.17 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 85617
Ion Ratio Lower Upper
200 100
173 24.0 8.6 48.6
215 48.6 25.1 65.1

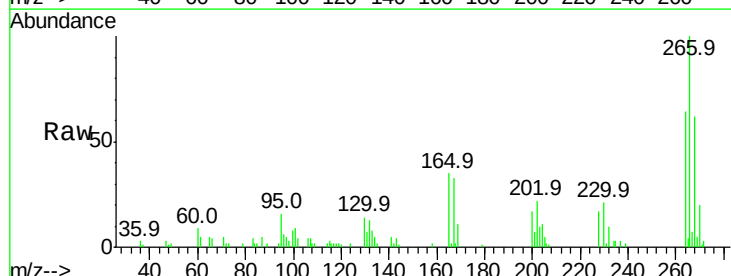


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

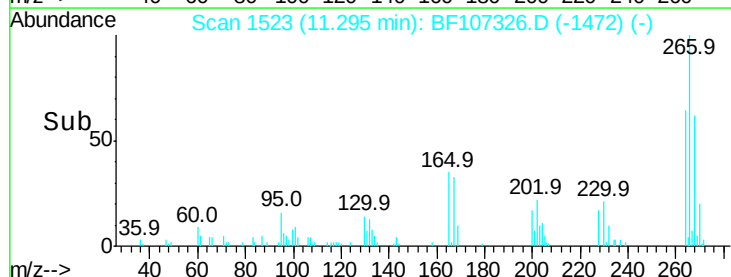
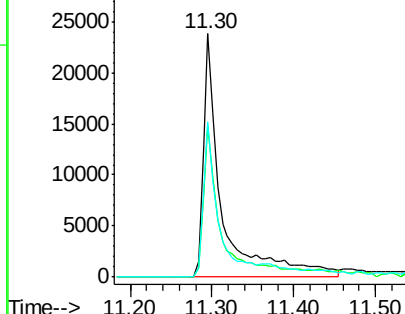


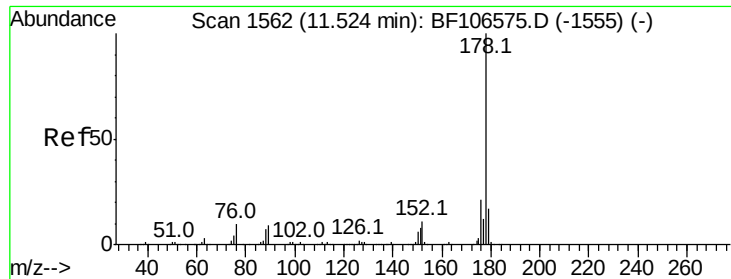
#69
Pentachlorophenol
Concen: 34.795 ng
RT: 11.30 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion:266 Resp: 38265
Ion Ratio Lower Upper
266 100
268 62.2 51.1 76.7
264 63.7 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: 52.283 ng

RT: 11.51 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

ClientSampleId :

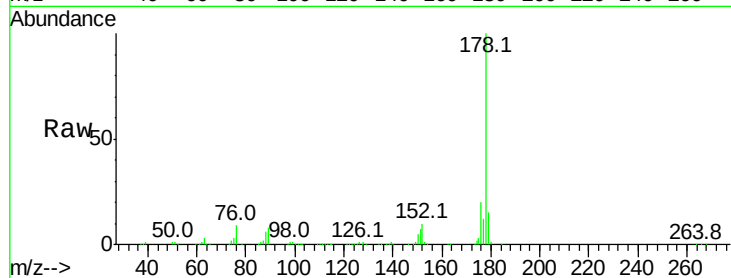
Tot Ion:178 Resp: 444951

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

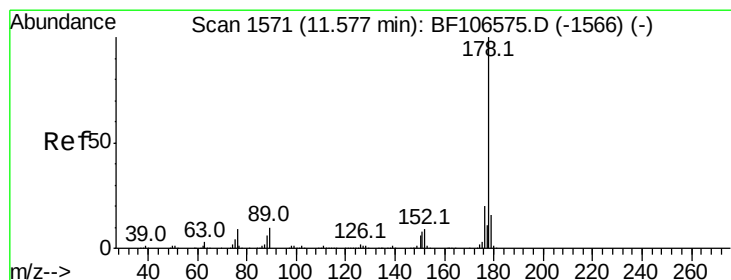
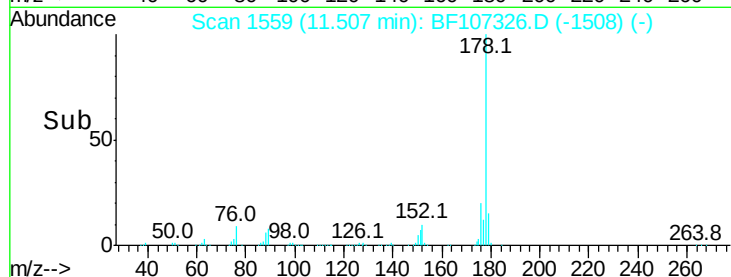
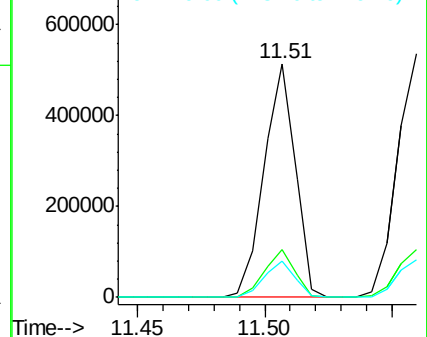
179 15.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 53.104 ng

RT: 11.56 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

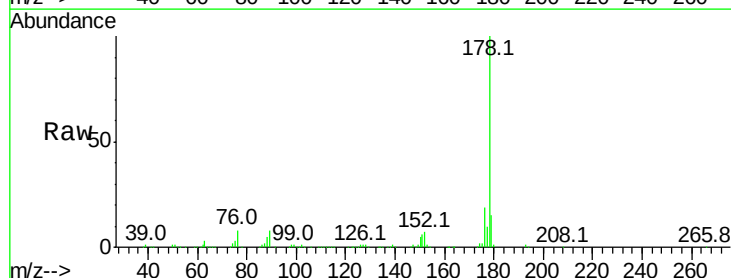
Tgt Ion:178 Resp: 461297

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

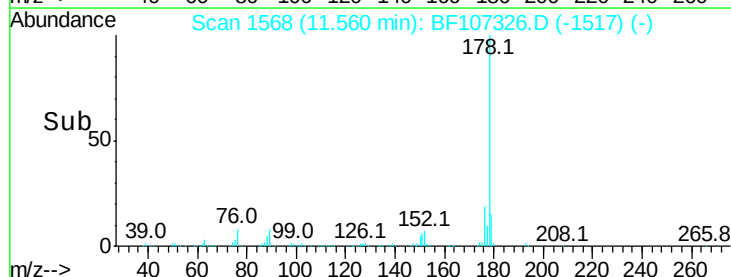
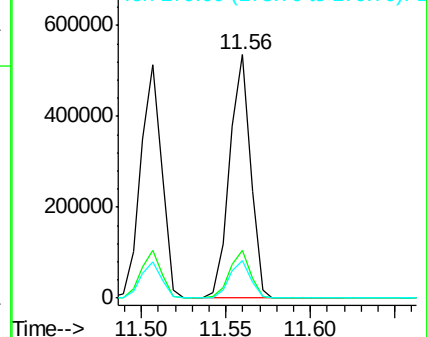
179 15.3 12.6 19.0

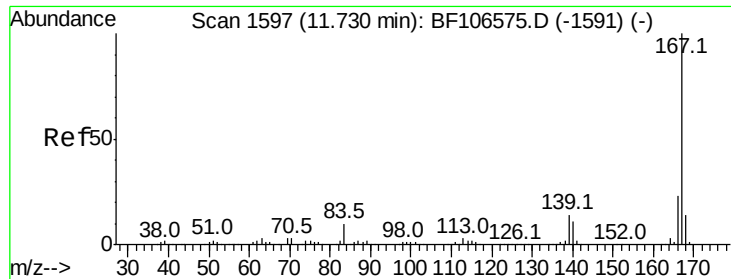


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

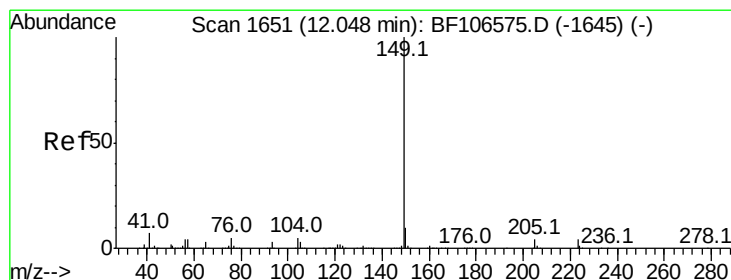
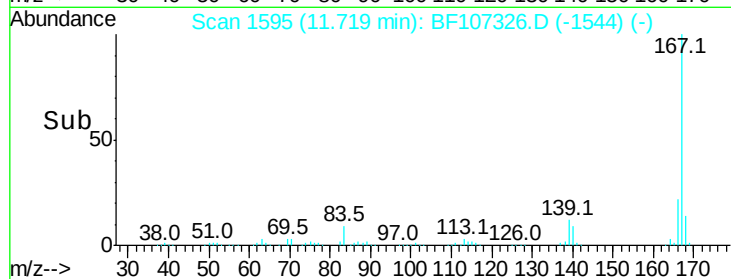
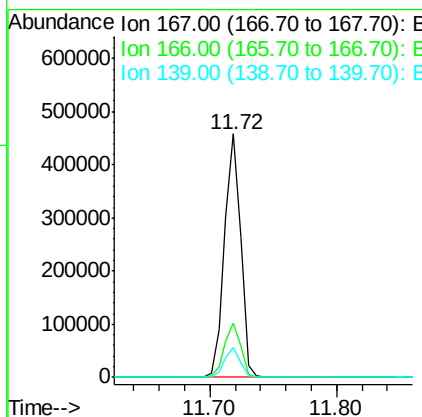
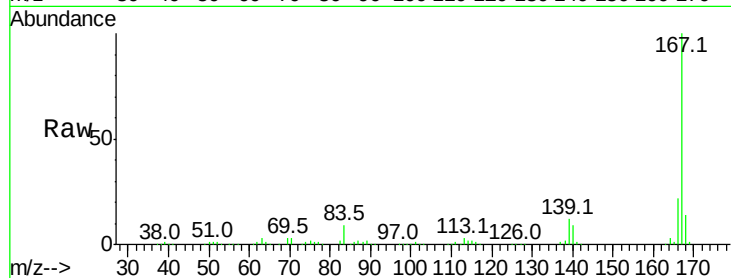




#72
 Carbazole
 Concen: 49.983 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

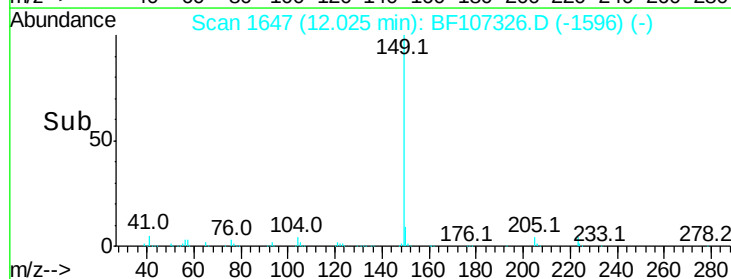
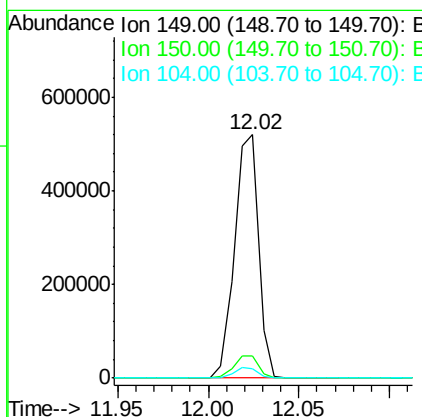
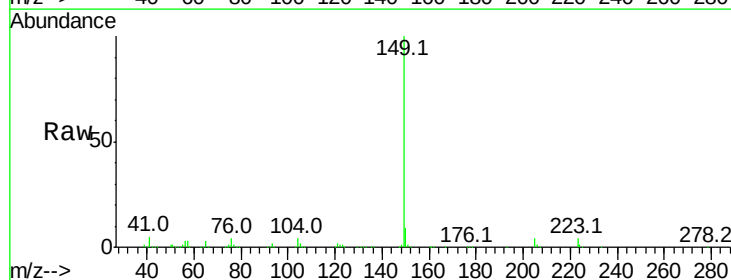
Instrument :
 BNA_F
 ClientSampleId :

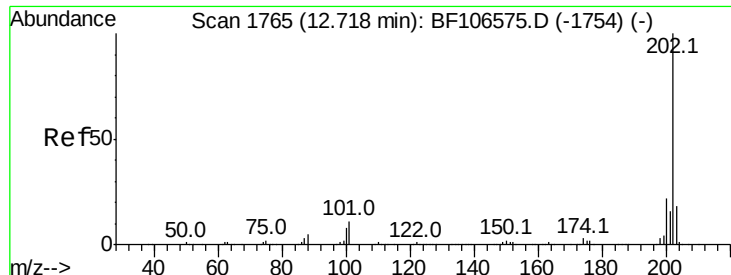
Tot Ion:167 Resp: 406505
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 12.2 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 49.910 ng
 RT: 12.02 min Scan# 1647
 Delta R.T. 0.00 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Tgt Ion:149 Resp: 478203
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.8 11.6
 104 4.1 3.8 5.8

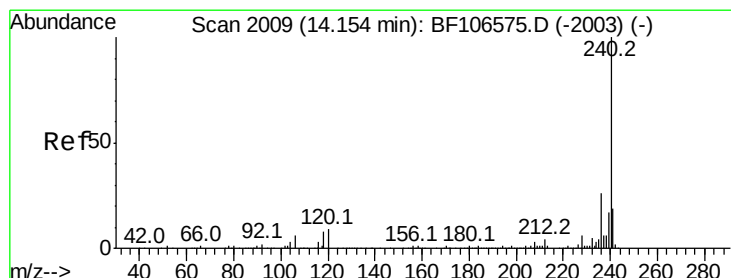
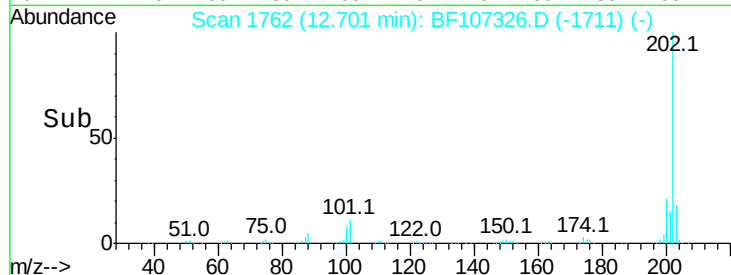
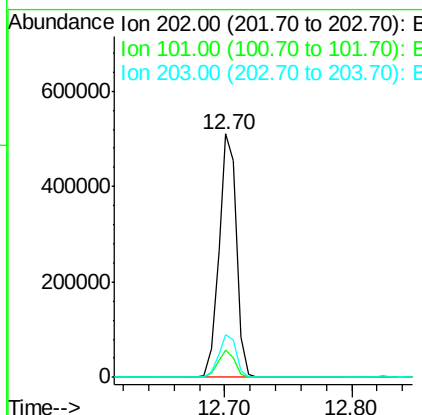
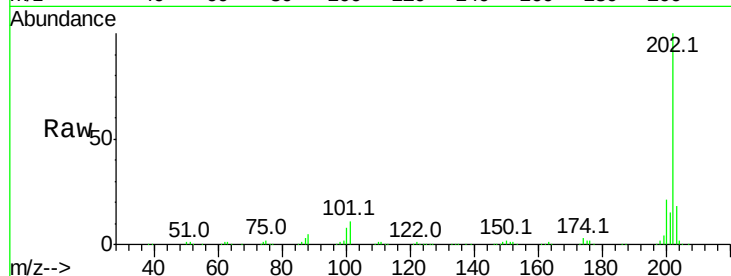




#74
 Fluoranthene
 Concen: 52.325 ng
 RT: 12.70 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

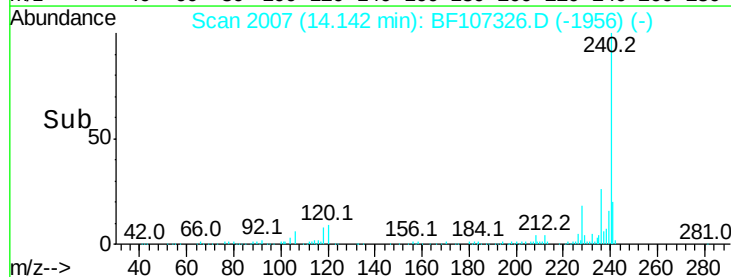
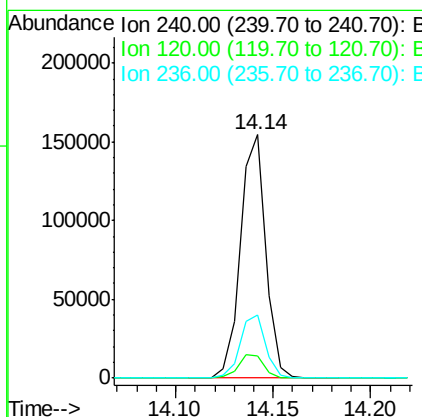
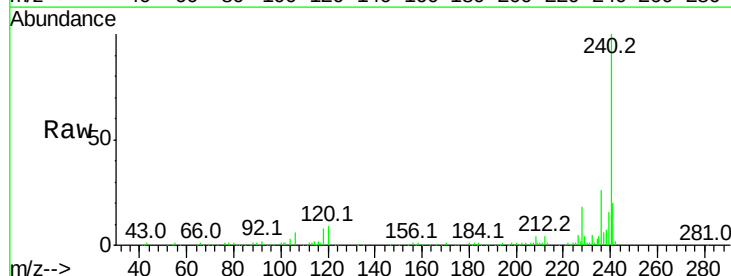
Instrument :
 BNA_F
 ClientSampleId :

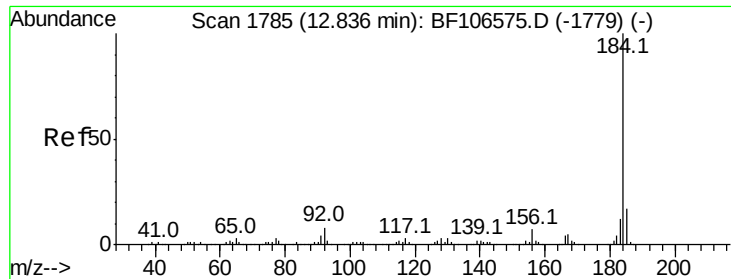
Tot Ion:202 Resp: 490819
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 34.1
 203 17.7 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Tgt Ion:240 Resp: 138500
 Ion Ratio Lower Upper
 240 100
 120 9.1 9.5 14.3#
 236 25.9 20.7 31.1

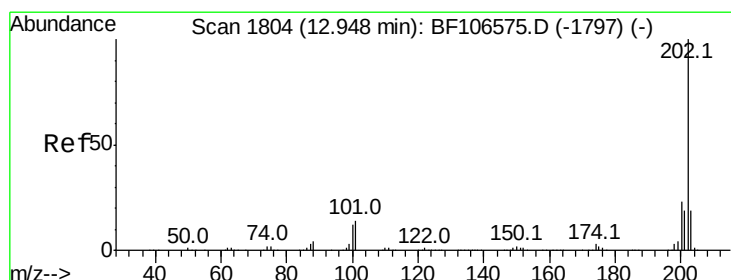
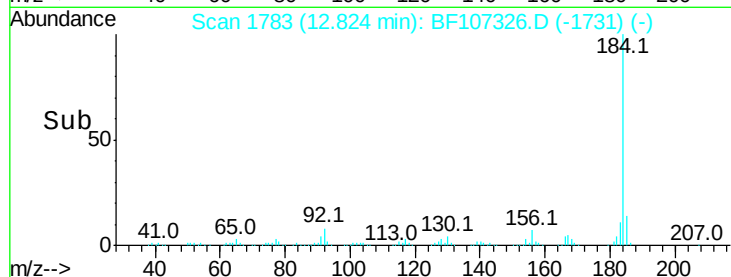
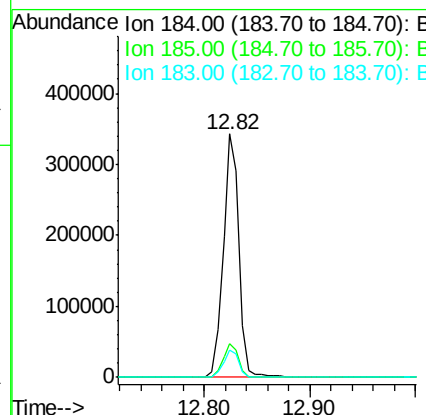
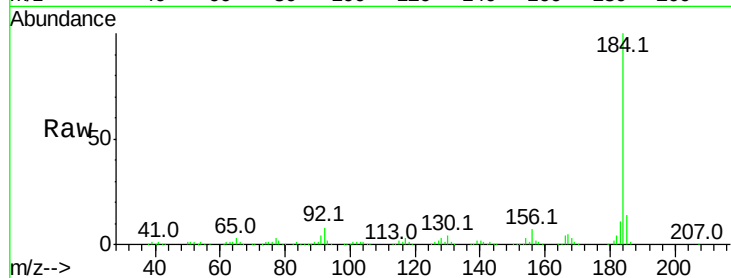




#76
Benzidine
Concen: 90.832 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

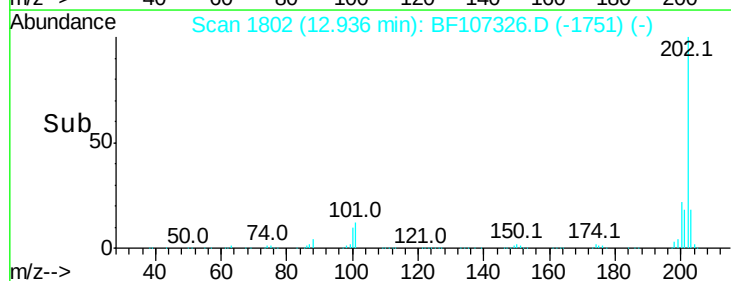
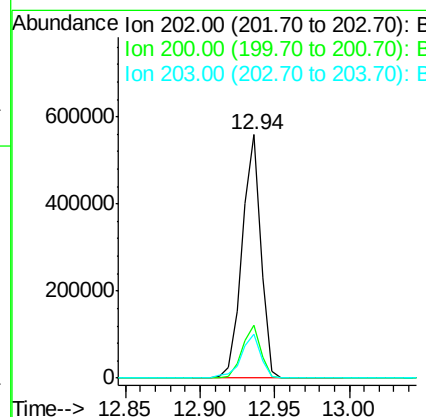
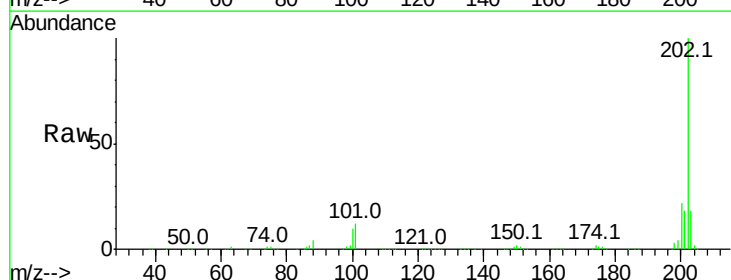
Instrument :
BNA_F
ClientSampleId :

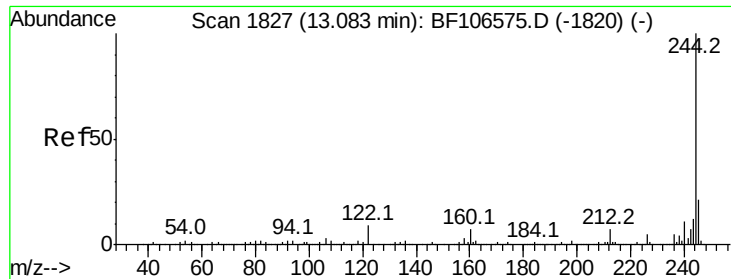
Tot Ion:184 Resp: 358282
Ion Ratio Lower Upper
184 100
185 13.9 12.6 18.8
183 11.3 9.3 13.9



#77
Pyrene
Concen: 53.908 ng
RT: 12.94 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion:202 Resp: 492349
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.9 14.3 21.5

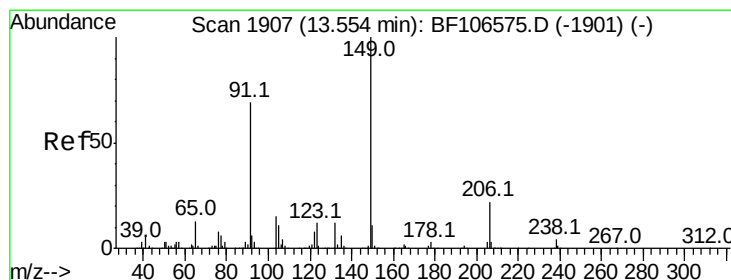
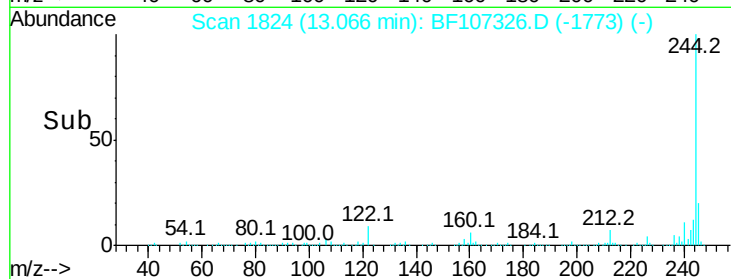
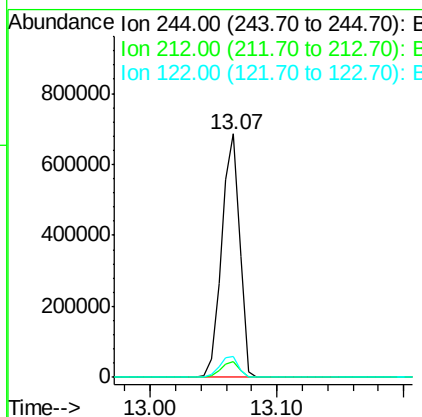
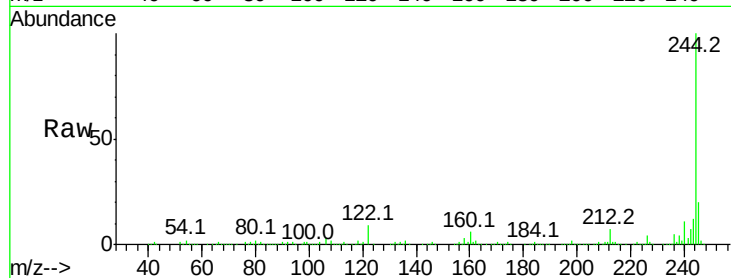




#78
 Terphenyl-d14
 Concen: 118.806 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

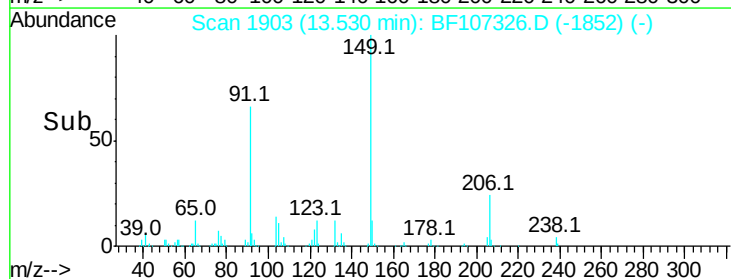
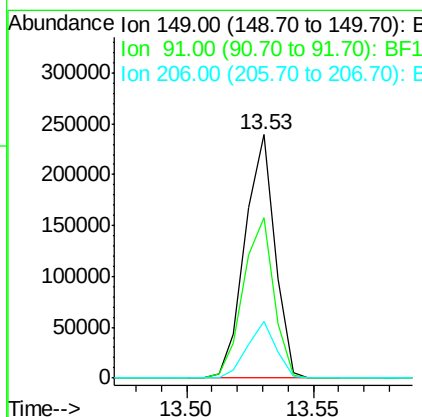
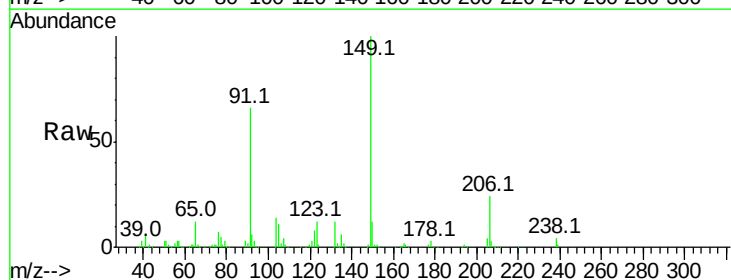
Instrument :
 BNA_F
 ClientSampleId :

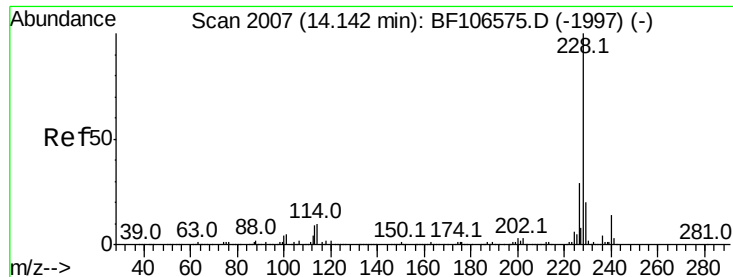
Tot Ion:244 Resp: 679299
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.6 11.0 16.4#



#79
 Butylbenzylphthalate
 Concen: 52.505 ng
 RT: 13.53 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Tgt Ion:149 Resp: 197162
 Ion Ratio Lower Upper
 149 100
 91 66.1 56.8 85.2
 206 23.5 14.1 21.1#





#80

Benzo(a)anthracene

Concen: 51.793 ng

RT: 14.13 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

ClientSampleId :

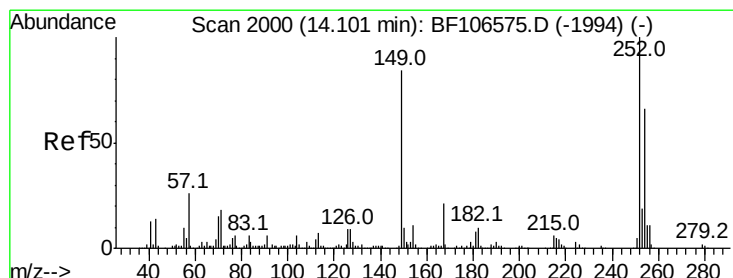
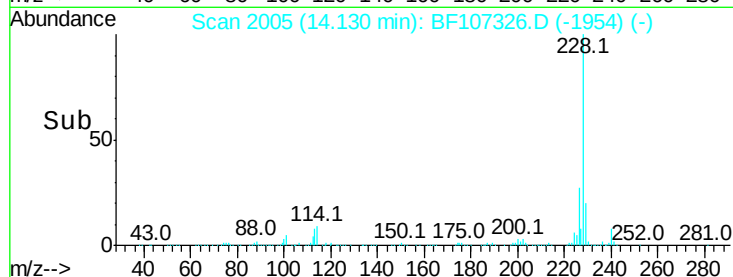
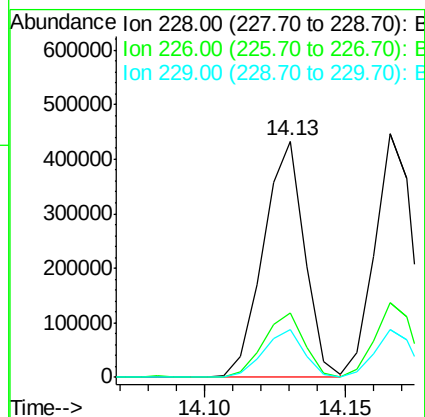
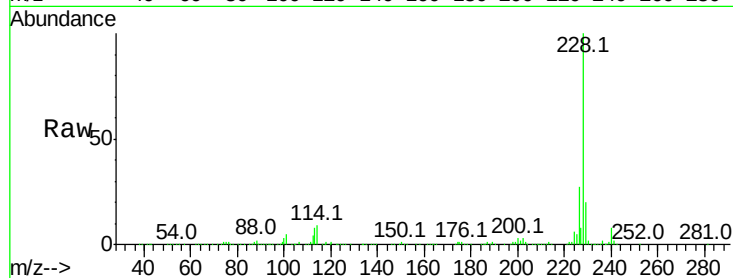
Tot Ion:228 Resp: 437195

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

229 20.1 15.8 23.6



#81

3,3'-Dichlorobenzidine

Concen: 52.122 ng

RT: 14.08 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

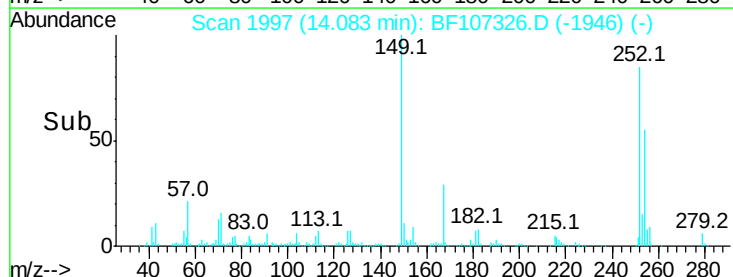
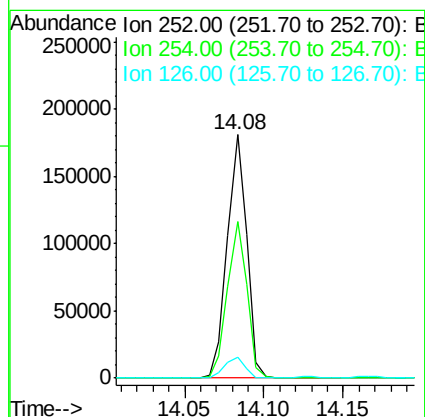
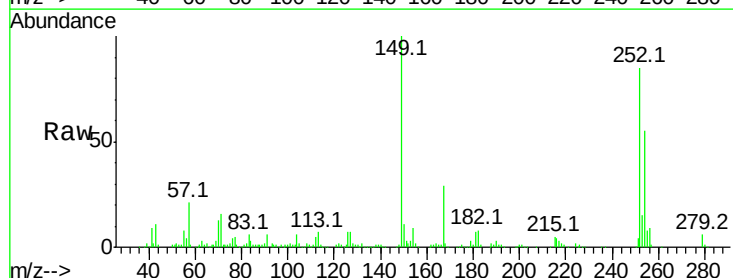
Tgt Ion:252 Resp: 154633

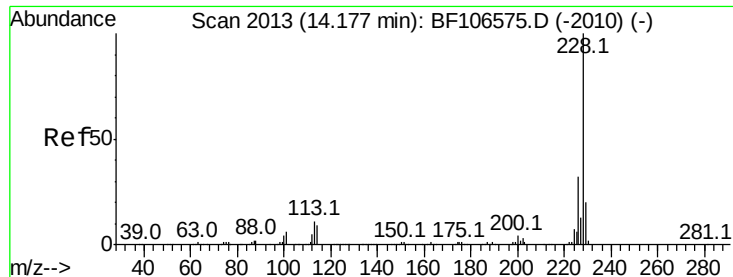
Ion Ratio Lower Upper

252 100

254 64.3 50.4 75.6

126 8.6 11.3 16.9#

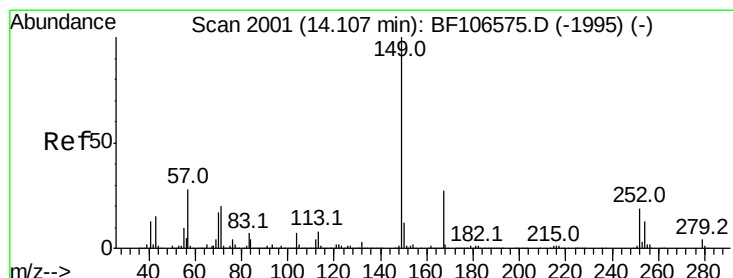
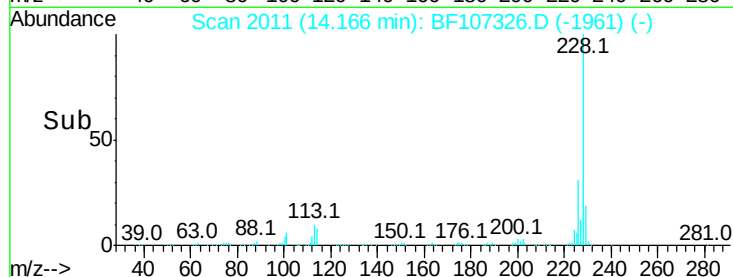
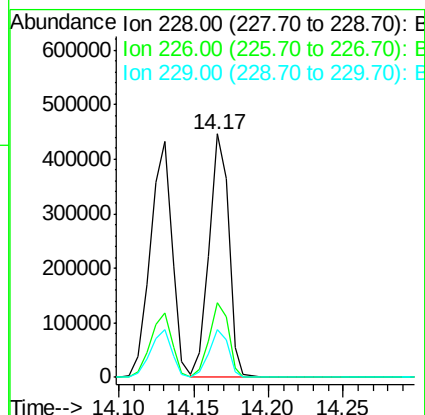
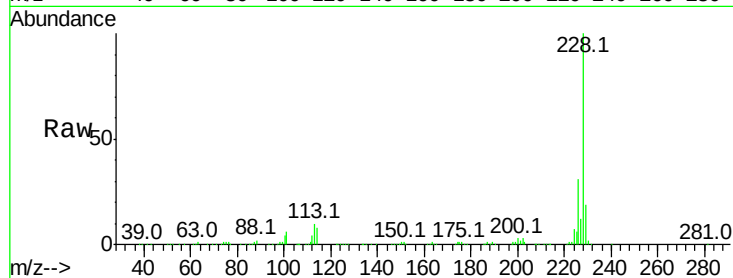




#82
 Chrysene
 Concen: 52.052 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

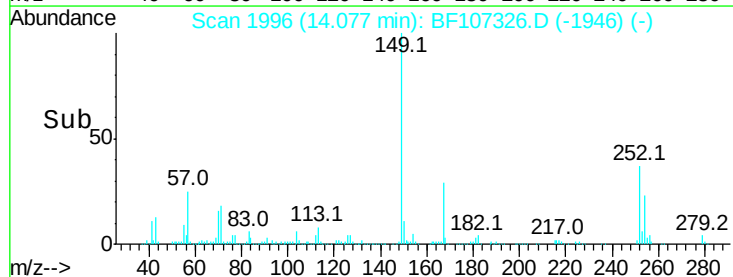
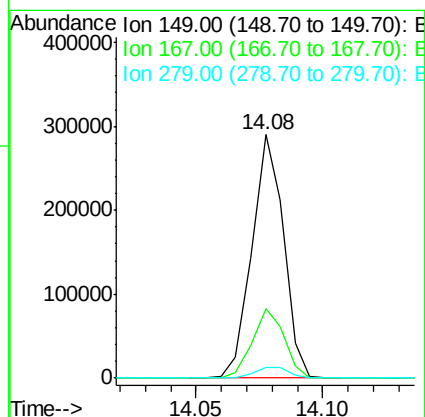
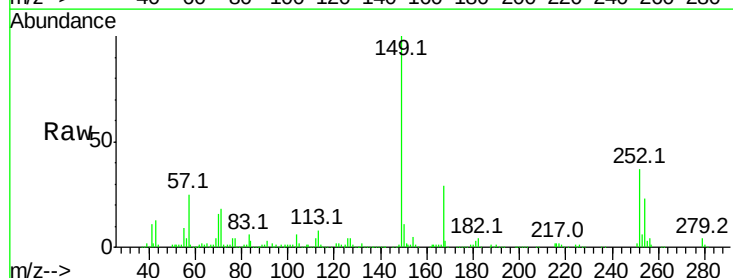
Instrument :
 BNA_F
 ClientSampleId :

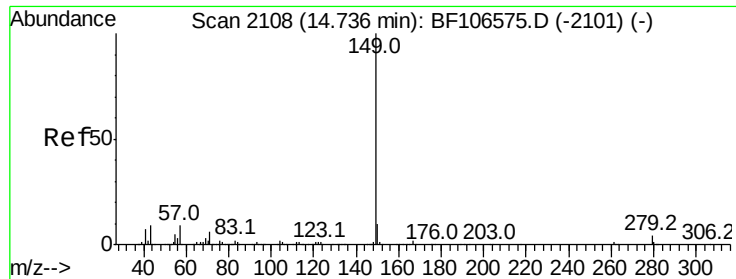
Tot Ion:228 Resp: 404227
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.6
 229 19.4 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.561 ng
 RT: 14.08 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF107326.D
 Acq: 12 Jul 2018 3:34

Tgt Ion:149 Resp: 252335
 Ion Ratio Lower Upper
 149 100
 167 28.6 21.3 31.9
 279 4.4 3.0 4.4

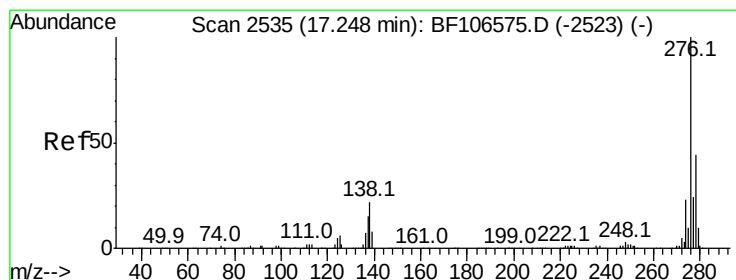
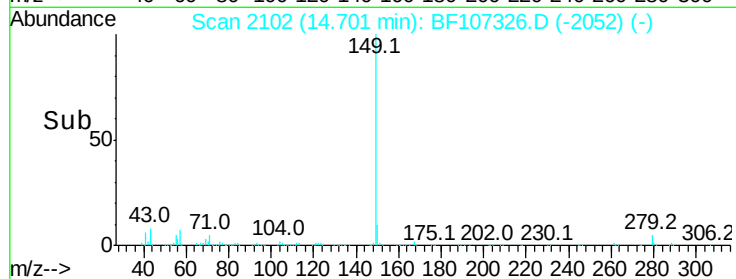
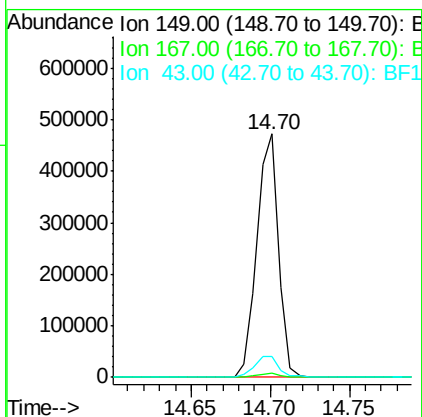
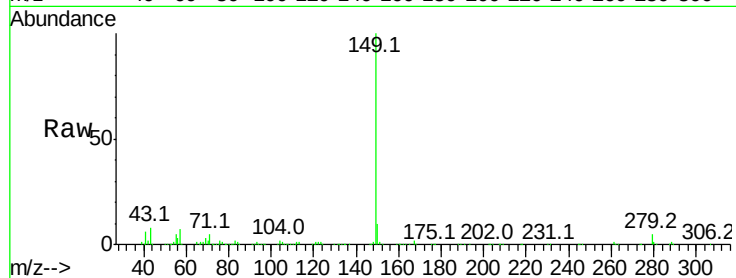




#84
Di-n-octyl phthalate
Concen: 57.430 ng
RT: 14.70 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

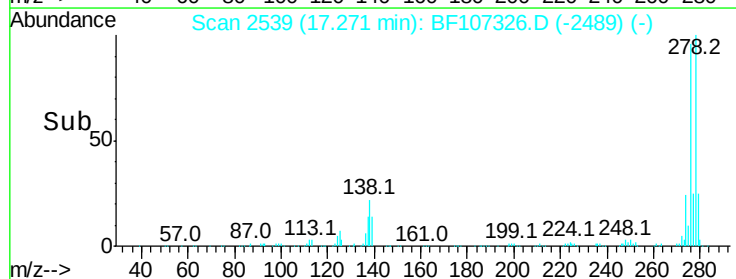
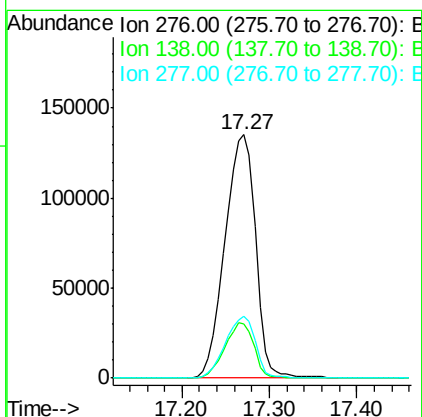
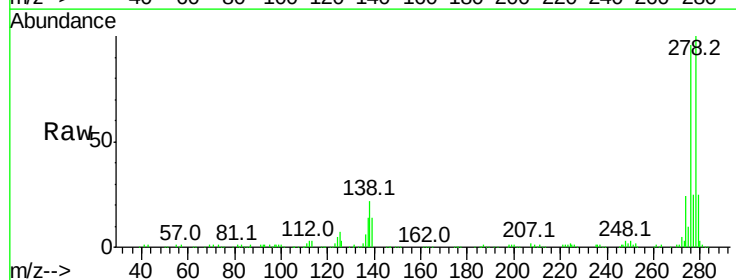
Instrument :
BNA_F
ClientSampleId :

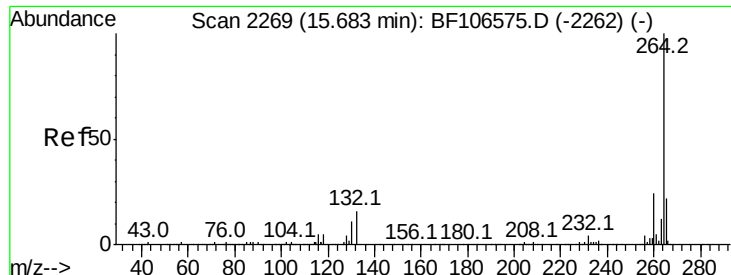
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.2	8.4	12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 48.915 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	25.0	37.6#
277	24.9	20.1	30.1

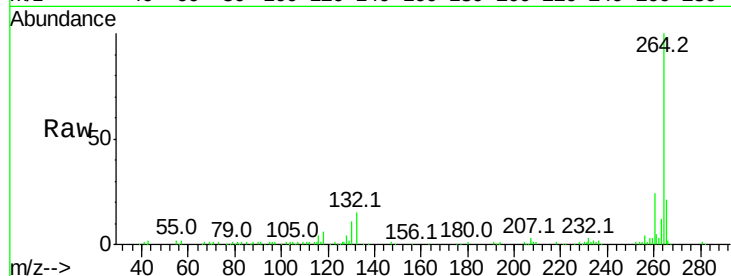




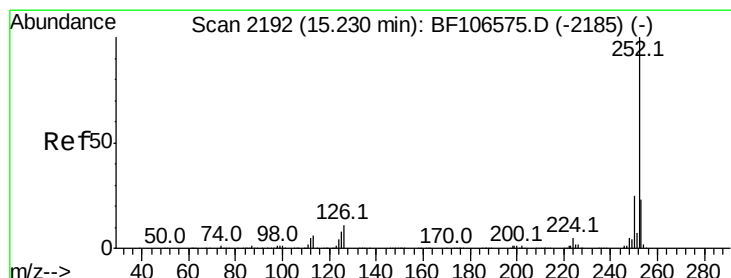
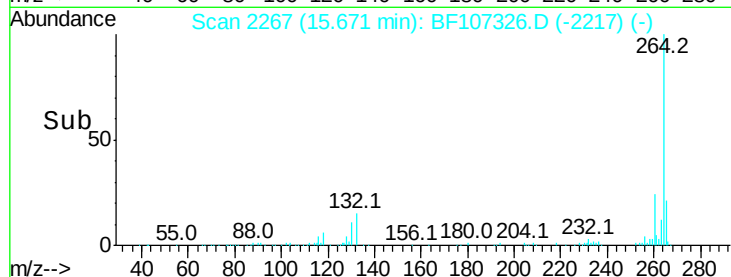
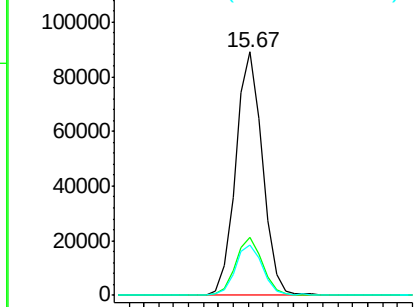
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 111453
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 20.7 17.5 26.3

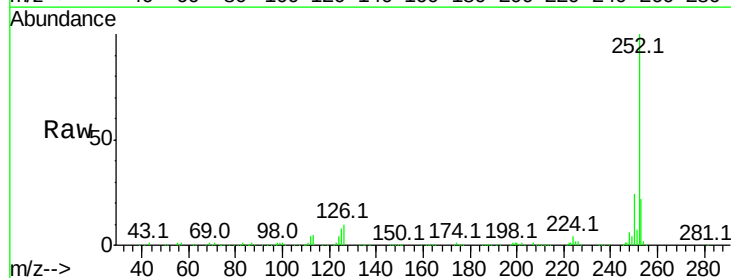


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

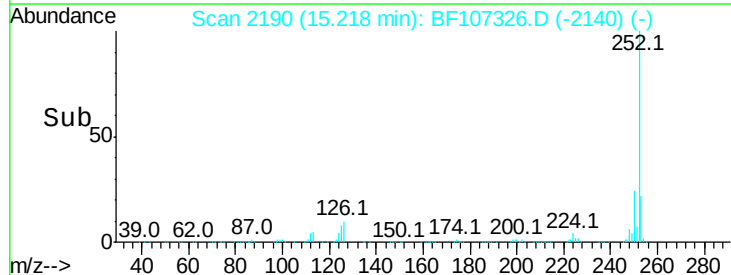
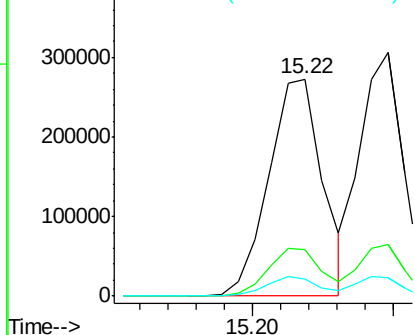


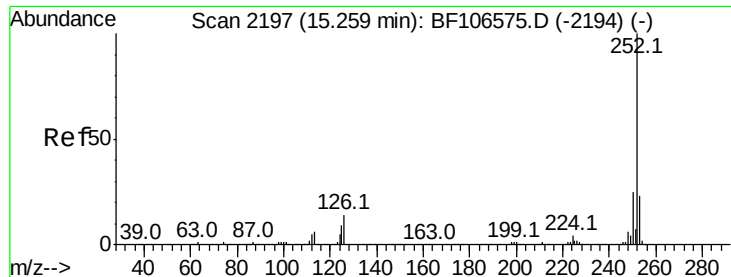
#87
Benzo(b)fluoranthene
Concen: 52.353 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion:252 Resp: 362459
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 7.9 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

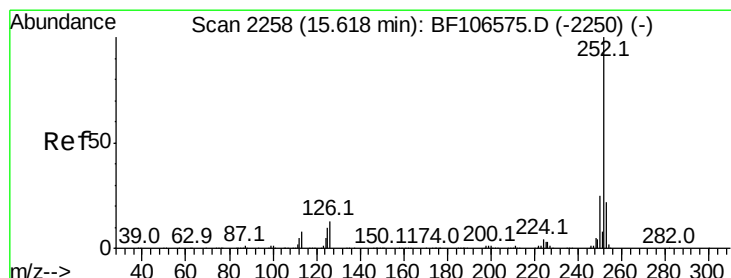
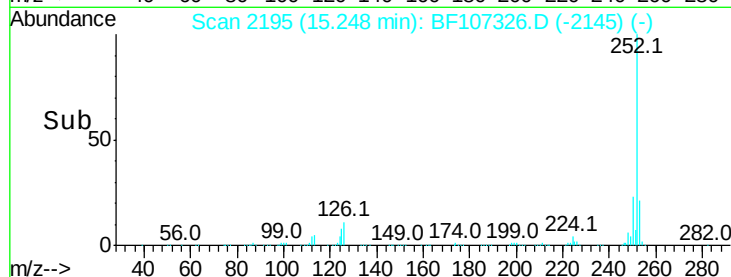
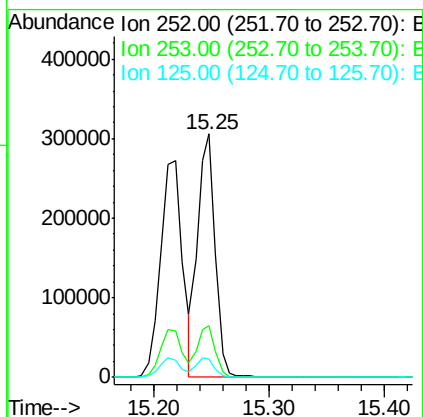
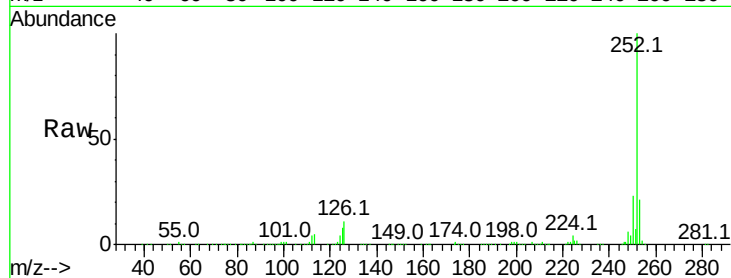




#88
Benzo(k)fluoranthene
Concen: 49.892 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

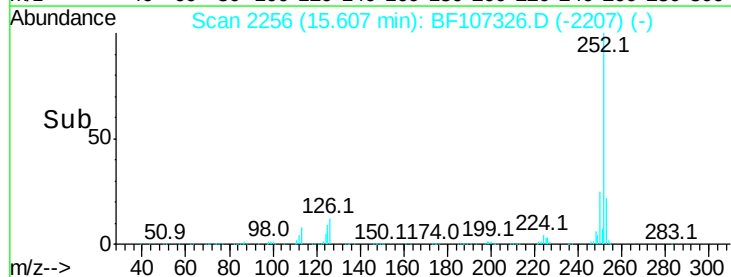
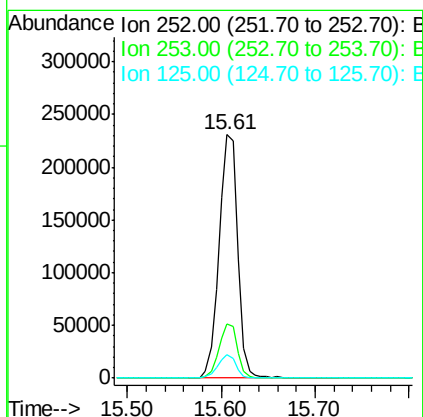
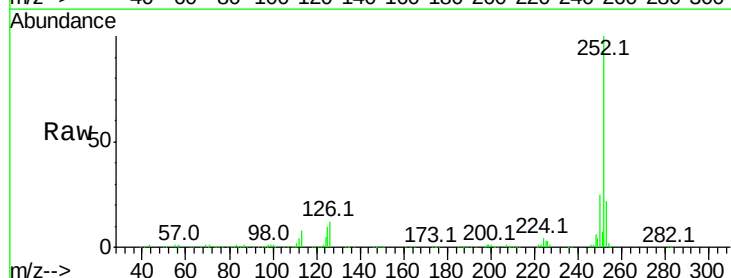
Instrument :
BNA_F
ClientSampleId :

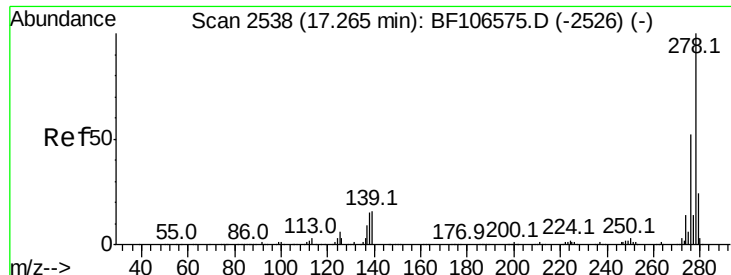
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	7.7	10.2	15.2#



#89
Benzo(a)pyrene
Concen: 52.036 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF107326.D
Acq: 12 Jul 2018 3:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	9.5	9.8	14.6#





#90

Dibenzo(a,h)anthracene

Concen: 51.765 ng

RT: 17.27 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

Instrument :

BNA_F

ClientSampleId :

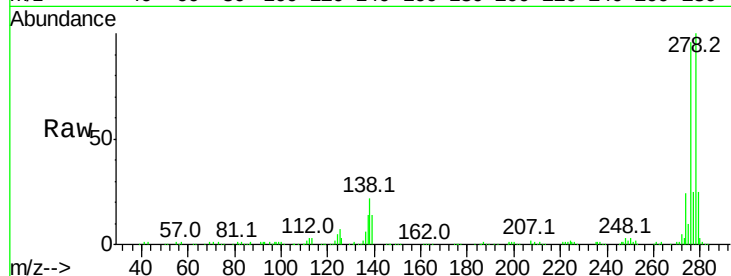
Tot Ion:278 Resp: 270009

Ion Ratio Lower Upper

278 100

139 14.3 15.9 23.9#

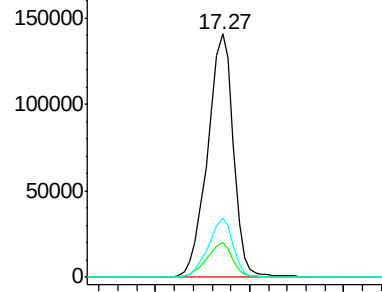
279 24.5 19.0 28.4



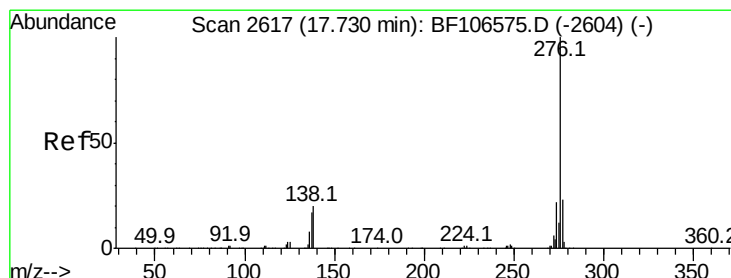
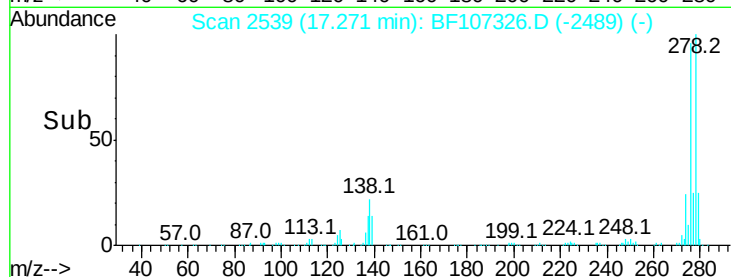
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#91

Benzo(g,h,i)perylene

Concen: 52.176 ng

RT: 17.75 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BF107326.D

Acq: 12 Jul 2018 3:34

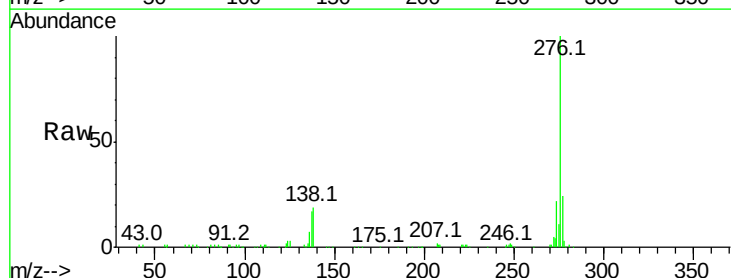
Tgt Ion:276 Resp: 266011

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

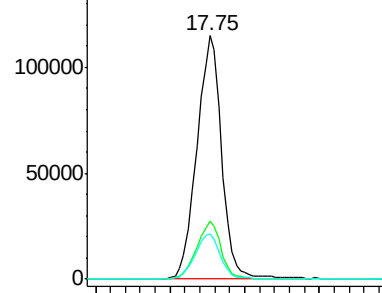
138 18.8 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->

