

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021618\
 Data File : BF103047.D
 Acq On : 16 Feb 2018 12:58
 Operator : SJ/JU
 Sample : PB106606BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 13:38:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	179433	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	755393	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	331269	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	519556	20.00	ng	0.00
75) Chrysene-d12	14.05	240	328546	20.00	ng	0.00
86) Perylene-d12	15.54	264	317274	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1125908	95.29	ng	0.02
7) Phenol-d6	6.52	99	1358280	95.48	ng	0.00
23) Nitrobenzene-d5	7.45	82	863756	79.32	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	255975	96.00	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1354651	67.86	ng	0.00
78) Terphenyl-d14	12.99	244	1039309	74.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	189131	32.409	ng	89
3) Pyridine	3.52	79	515564	31.976	ng	91
4) n-Nitrosodimethylamine	3.47	42	248426	36.012	ng	98
6) Aniline	6.54	93	413534	19.684	ng	96
8) 2-Chlorophenol	6.66	128	437197	35.942	ng	93
9) Benzaldehyde	6.43	77	90779	8.593	ng	99
10) Phenol	6.53	94	552695	36.252	ng	95
11) bis(2-Chloroethyl)ether	6.61	93	432680	34.106	ng	90
12) 1,3-Dichlorobenzene	6.82	146	457009	32.444	ng	99
13) 1,4-Dichlorobenzene	6.89	146	464931	33.135	ng	99
14) 1,2-Dichlorobenzene	7.05	146	427323	32.697	ng	97
15) Benzyl Alcohol	7.02	79	381720	34.900	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	753602	31.270	ng	100
17) 2-Methylphenol	7.13	107	375332	33.452	ng	98
18) Hexachloroethane	7.39	117	163573	33.996	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	289860	30.903	ng	95
20) 3+4-Methylphenols	7.28	107	427138	30.871	ng	# 76
22) Acetophenone	7.29	105	579872	31.370	ng	# 91
24) Nitrobenzene	7.46	77	471264	36.779	ng	98
25) Isophorone	7.70	82	864897	34.494	ng	99
26) 2-Nitrophenol	7.77	139	233693	45.058	ng	95
27) 2,4-Dimethylphenol	7.81	122	382313	36.090	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	540422	36.383	ng	98
29) 2,4-Dichlorophenol	8.02	162	351028	36.451	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	356591	32.732	ng	98
31) Naphthalene	8.19	128	1208908	32.756	ng	100
32) Benzoic acid	7.92	122	115955	22.660	ng	98
33) 4-Chloroaniline	8.23	127	241654	15.199	ng	98
34) Hexachlorobutadiene	8.29	225	178171	31.916	ng	97
35) Caprolactam	8.60	113	116565	34.854	ng	# 83
36) 4-Chloro-3-methylphenol	8.72	107	384822	35.566	ng	98
37) 2-Methylnaphthalene	8.87	142	791049	32.737	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	306853	34.020	ng	98
40) Hexachlorocyclopentadiene	9.02	237	121602	28.360	ng	100

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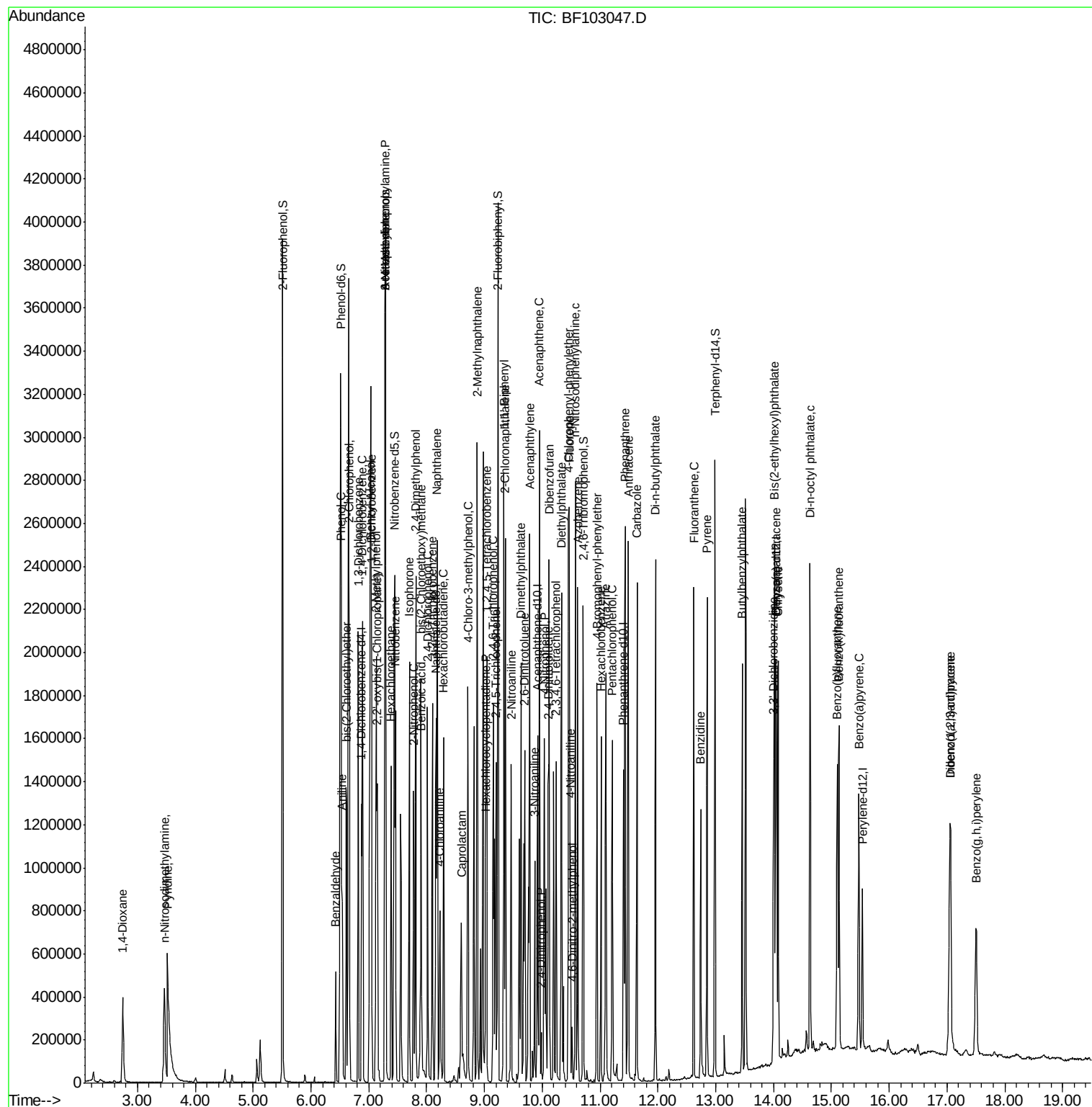
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	215226	36.328	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	230479	34.516	ng	97
45) 1,1'-Biphenyl	9.34	154	901985	32.327	ng	99
46) 2-Chloronaphthalene	9.36	162	713036	32.460	ng	100
47) 2-Nitroaniline	9.46	65	270031	40.428	ng	95
48) Acenaphthylene	9.78	152	1063692	31.177	ng	100
49) Dimethylphthalate	9.63	163	854259	33.073	ng	100
50) 2,6-Dinitrotoluene	9.70	165	185025	37.651	ng	90
51) Acenaphthene	9.95	154	614814	30.133	ng	99
52) 3-Nitroaniline	9.87	138	153565	25.397	ng	# 98
53) 2,4-Dinitrophenol	9.98	184	26494	30.854	ng	# 23
54) Dibenzofuran	10.12	168	942788	32.788	ng	97
55) 4-Nitrophenol	10.04	139	297516	60.887	ng	93
56) 2,4-Dinitrotoluene	10.11	165	242373	37.495	ng	92
57) Fluorene	10.47	166	699900	33.455	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	161034	34.795	ng	99
59) Diethylphthalate	10.33	149	823810	32.301	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	320852	34.669	ng	96
61) 4-Nitroaniline	10.49	138	188931	32.826	ng	92
62) Azobenzene	10.62	77	806320	31.646	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	27995	20.338	ng	92
65) n-Nitrosodiphenylamine	10.57	169	642993	35.086	ng	100
66) 4-Bromophenyl-phenylether	10.95	248	195495	35.571	ng	93
67) Hexachlorobenzene	11.02	284	195148	32.186	ng	96
68) Atrazine	11.10	200	195010	36.070	ng	98
69) Pentachlorophenol	11.21	266	169104	47.513	ng	98
70) Phenanthrene	11.43	178	935038	32.314	ng	98
71) Anthracene	11.49	178	957840	32.546	ng	99
72) Carbazole	11.64	167	905233	31.396	ng	100
73) Di-n-butylphthalate	11.96	149	1216710	34.739	ng	99
74) Fluoranthene	12.62	202	851975	29.265	ng	98
76) Benzidine	12.74	184	496923	32.909	ng	99
77) Pyrene	12.85	202	858457	33.321	ng	99
79) Butylbenzylphthalate	13.46	149	450552	36.805	ng	98
80) Benzo(a)anthracene	14.04	228	696147	33.691	ng	100
81) 3,3'-Dichlorobenzidine	14.00	252	258921	33.797	ng	100
82) Chrysene	14.08	228	673652	32.342	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	623886	39.531	ng	100
84) Di-n-octyl phthalate	14.63	149	1024957	43.252	ng	100
85) Indeno(1,2,3-cd)pyrene	17.05	276	617525	35.747	ng	98
87) Benzo(b)fluoranthene	15.10	252	686710	33.384	ng	98
88) Benzo(k)fluoranthene	15.13	252	628994	32.003	ng	99
89) Benzo(a)pyrene	15.47	252	630371	34.045	ng	# 96
90) Dibenzo(a,h)anthracene	17.06	278	514283	34.221	ng	98
91) Benzo(g,h,i)perylene	17.50	276	506994	34.467	ng	100

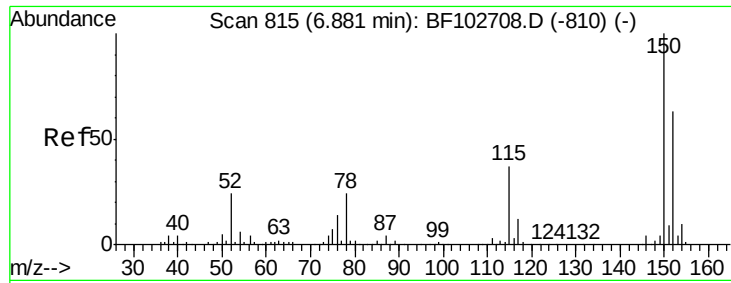
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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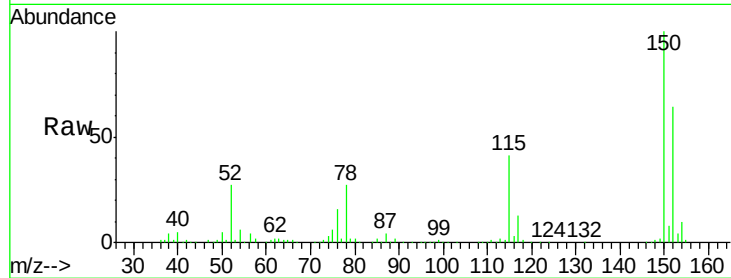


#1

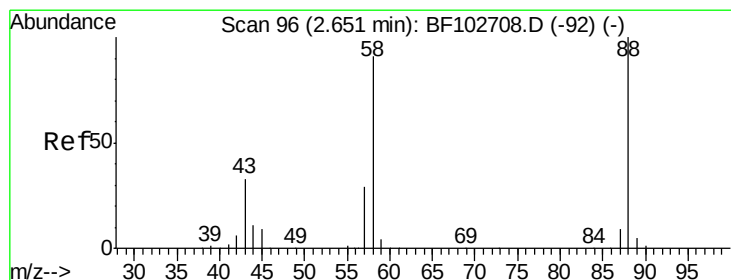
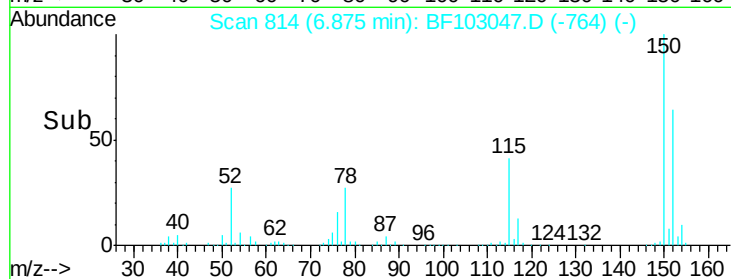
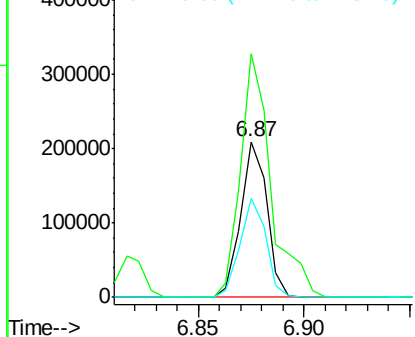
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 179433
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 63.8 50.1 75.1



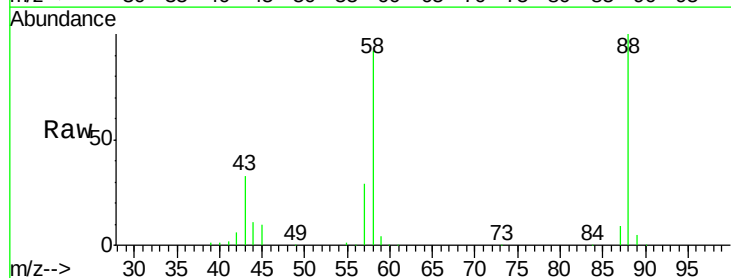
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



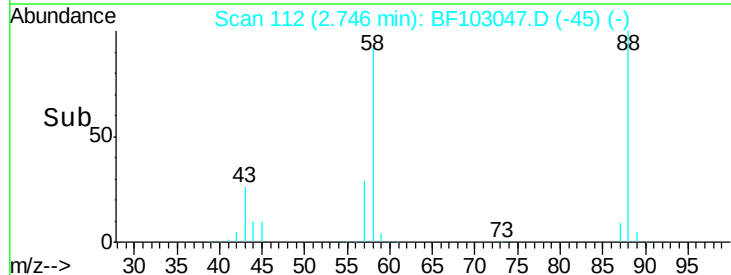
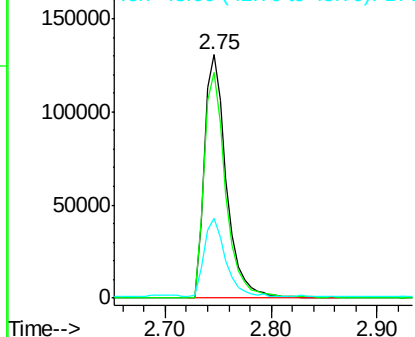
#2

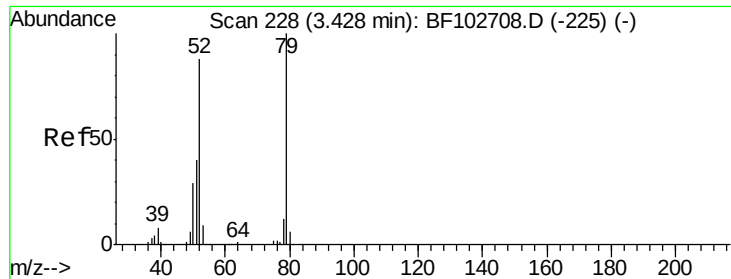
1,4-Dioxane
Concen: 32.409 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.09 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion: 88 Resp: 189131
Ion Ratio Lower Upper
88 100
58 91.4 62.6 93.8
43 31.4 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: 31.976 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.09 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

ClientSampled :

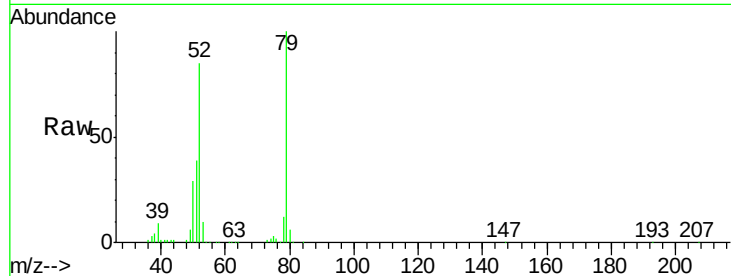
Tot Ion: 79 Resp: 515564

Ion Ratio Lower Upper

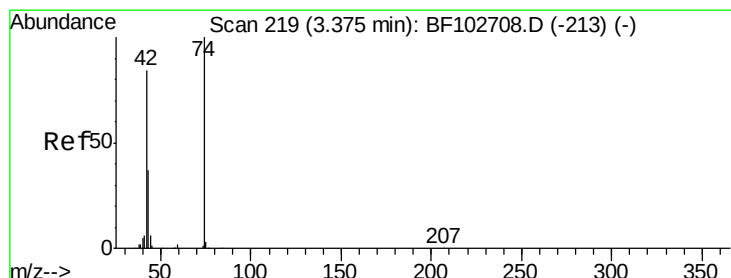
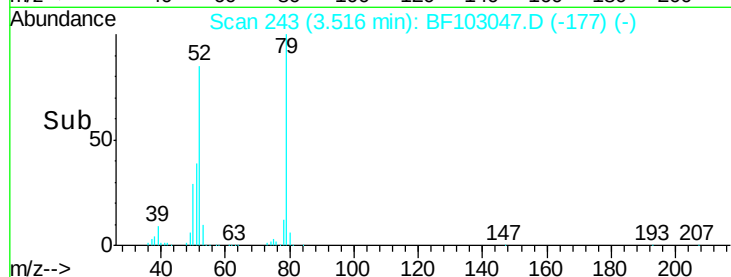
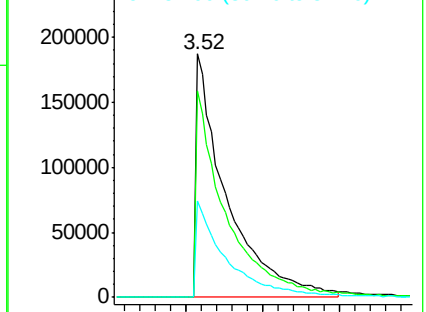
79 100

52 85.1 59.8 89.6

51 39.4 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 36.012 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.08 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

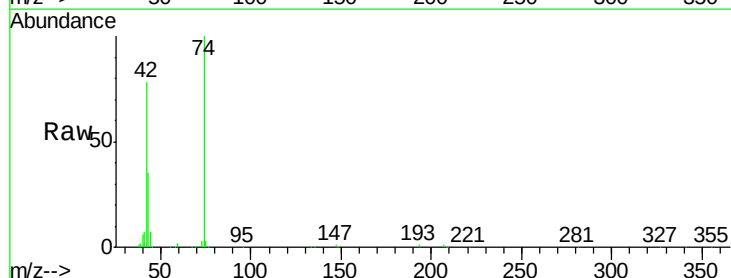
Tgt Ion: 42 Resp: 248426

Ion Ratio Lower Upper

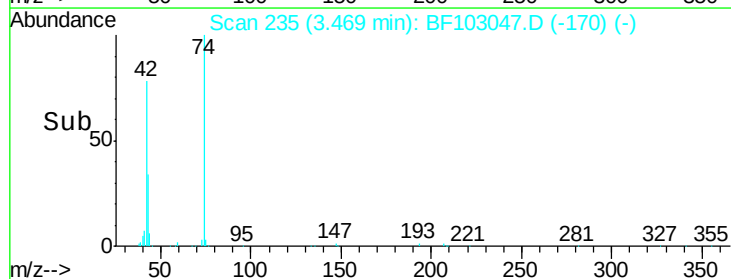
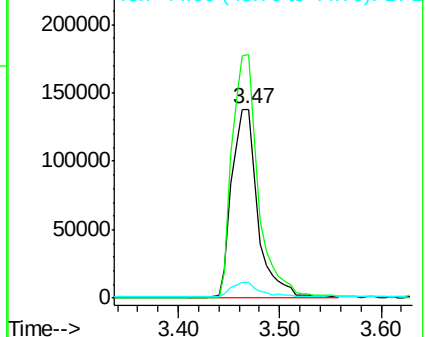
42 100

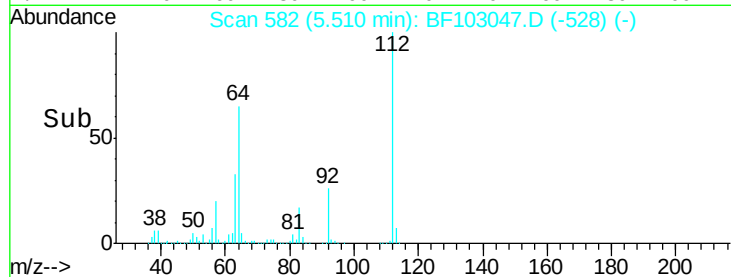
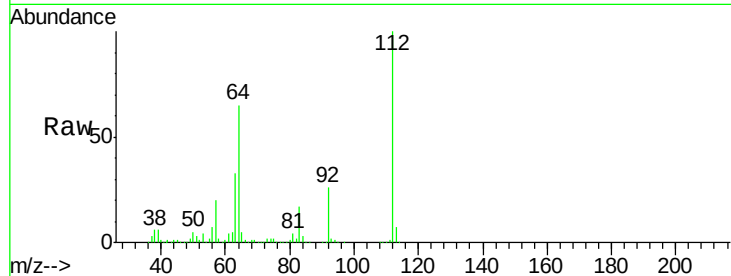
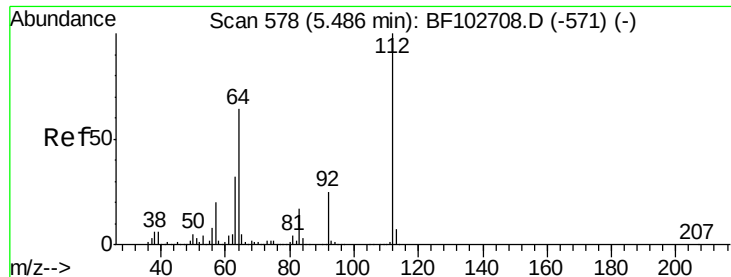
74 128.7 104.9 157.3

44 8.4 6.9 10.3



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





#5

2-Fluorophenol

Concen: 95.293 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

ClientSampled :

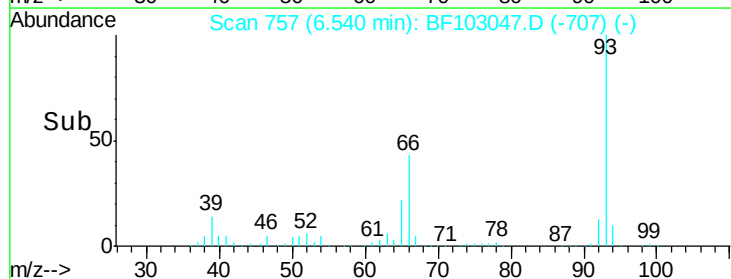
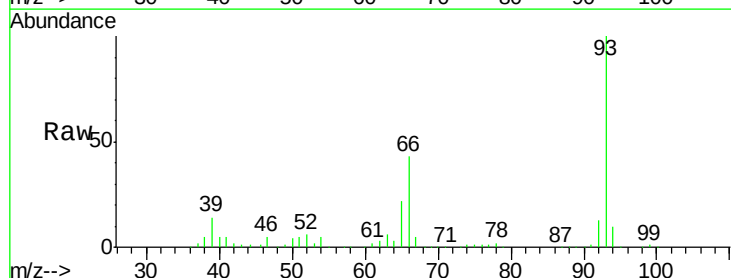
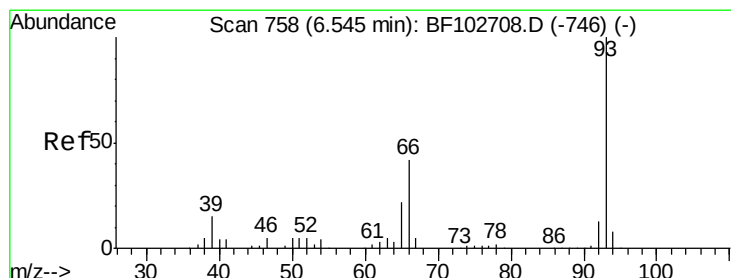
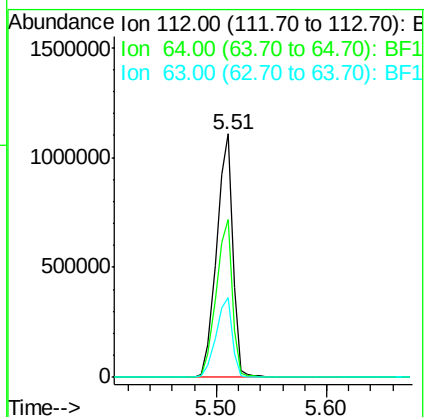
Tot Ion:112 Resp: 1125908

Ion Ratio Lower Upper

112 100

64 64.8 47.9 71.9

63 32.7 23.7 35.5



#6

Aniline

Concen: 19.684 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

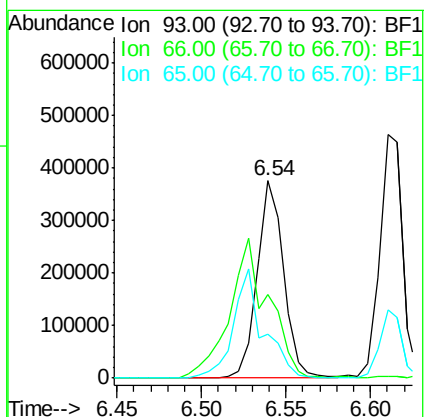
Tgt Ion: 93 Resp: 413534

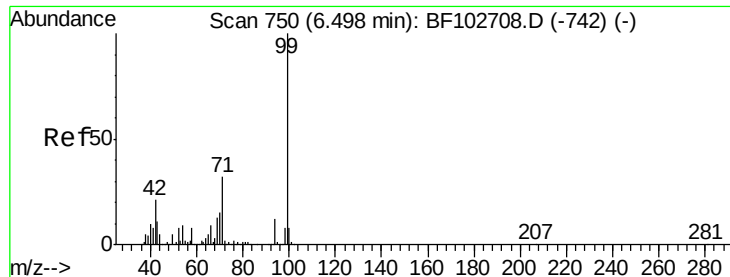
Ion Ratio Lower Upper

93 100

66 42.6 32.2 48.2

65 22.0 16.4 24.6





#7

Phenol-d6

Concen: 95.477 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

ClientSampleId :

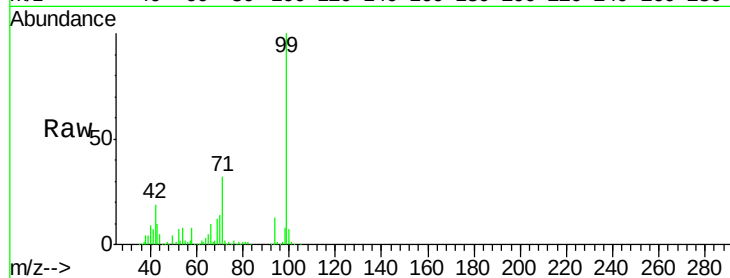
Tot Ion: 99 Resp: 1358280

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

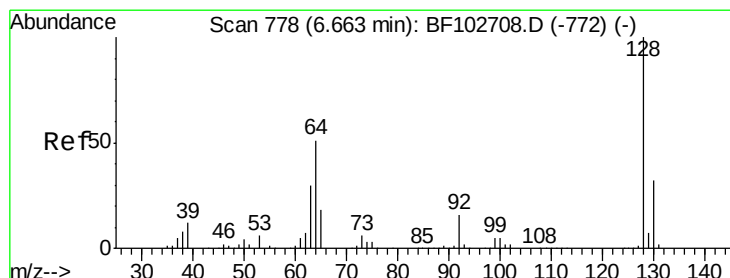
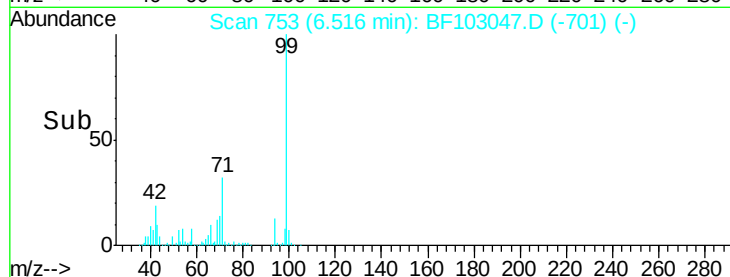
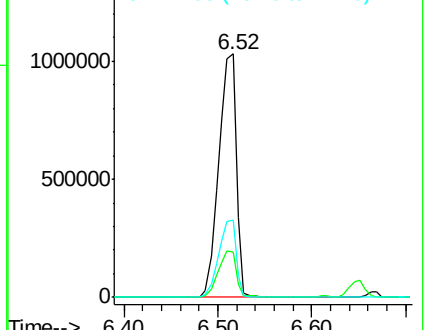
71 31.6 25.4 38.0



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: 35.942 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

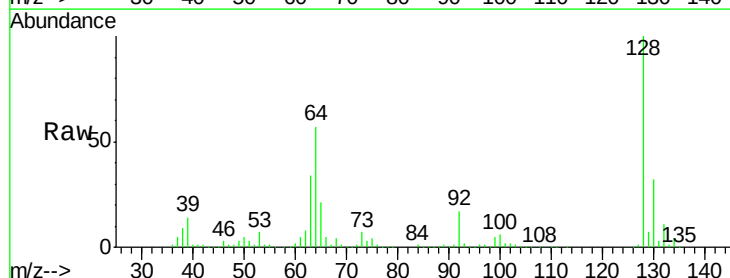
Tgt Ion: 128 Resp: 437197

Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

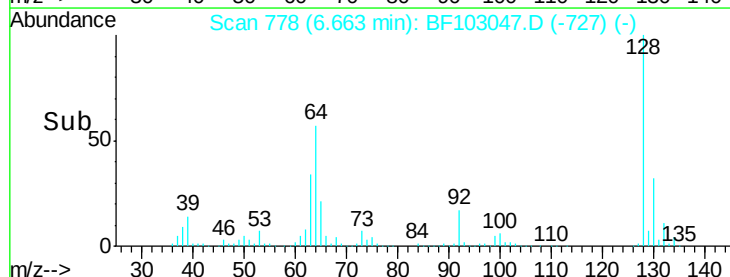
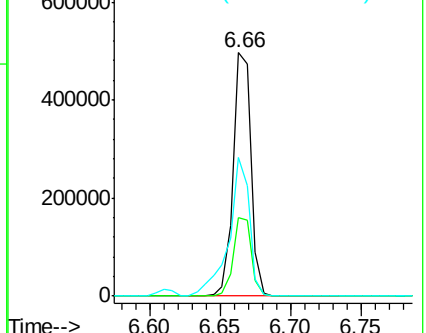
64 57.0 29.4 69.4

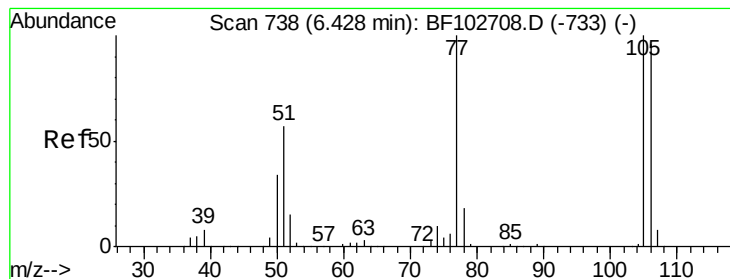


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 8.593 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

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ClientSampled :

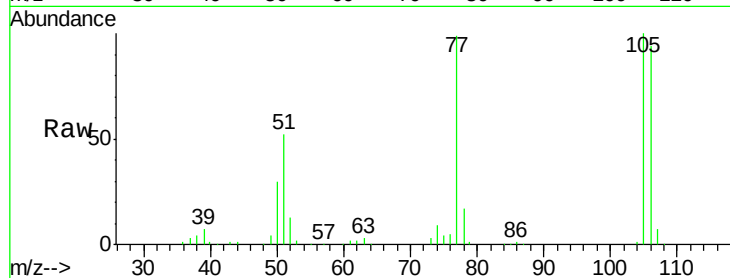
Tot Ion: 77 Resp: 90779

Ion Ratio Lower Upper

77 100

105 101.3 81.1 121.1

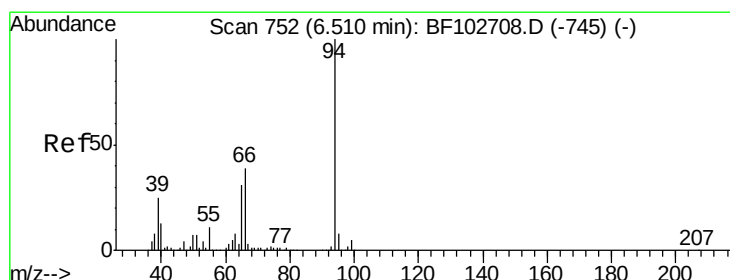
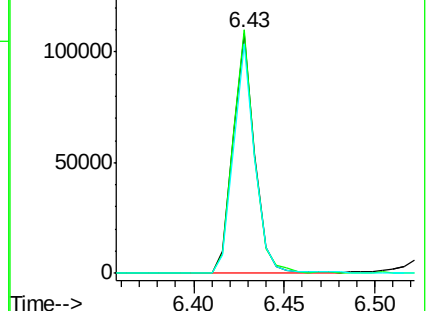
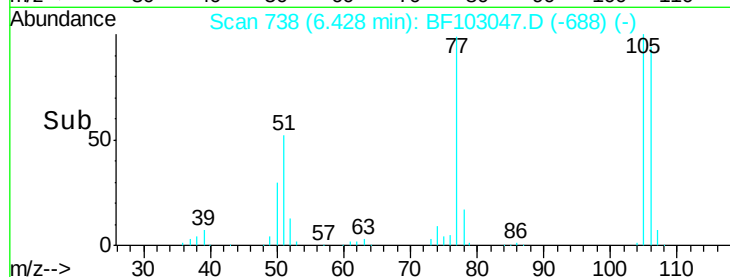
106 95.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.252 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103047.D

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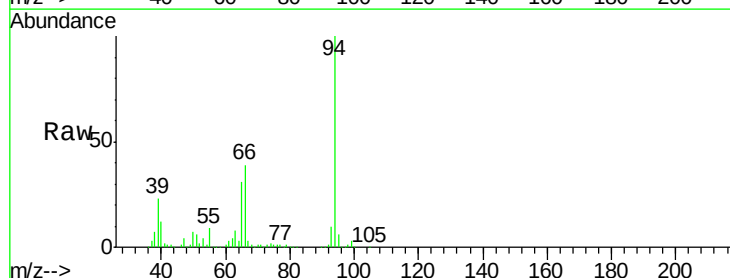
Tgt Ion: 94 Resp: 552695

Ion Ratio Lower Upper

94 100

65 30.6 7.9 47.9

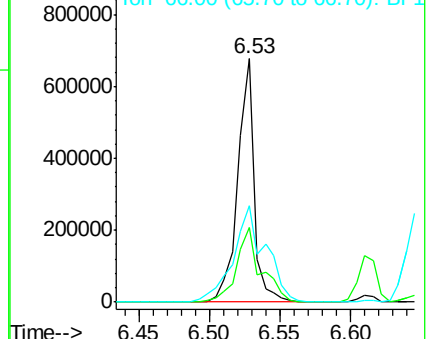
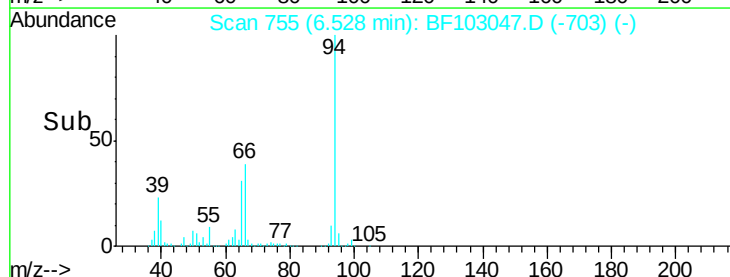
66 39.5 16.2 56.2

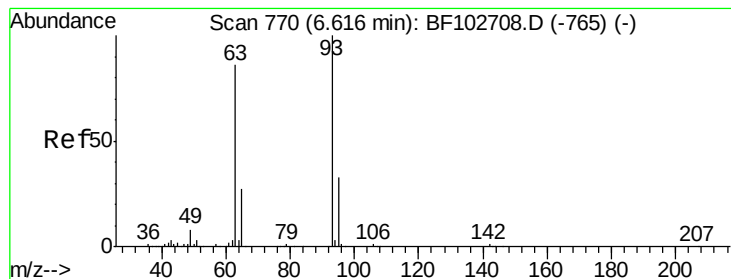


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

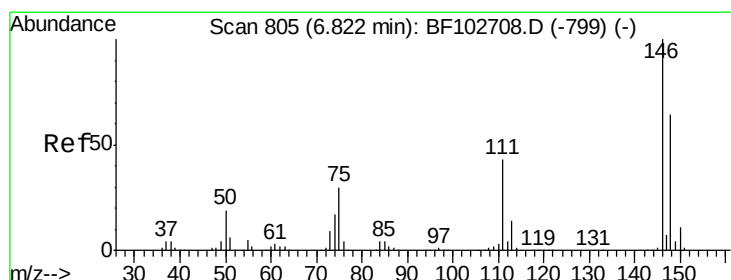
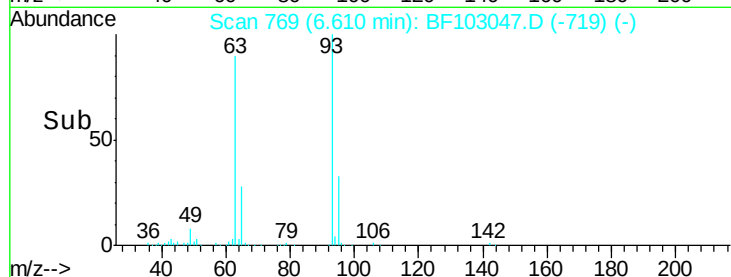
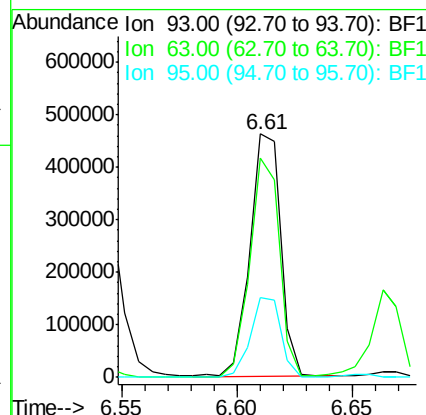
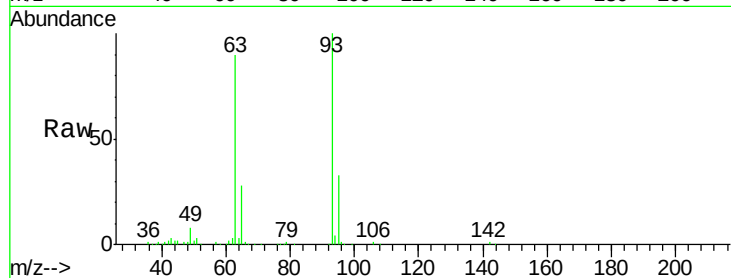




#11
bis(2-Chloroethyl)ether
Concen: 34.106 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

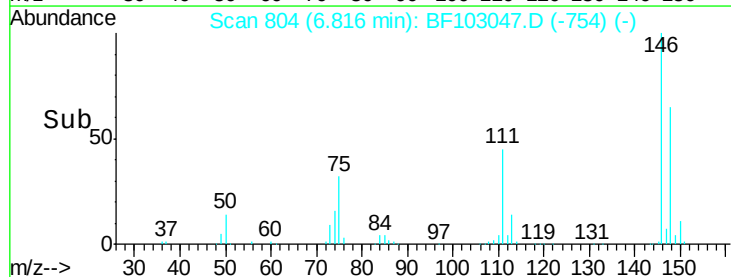
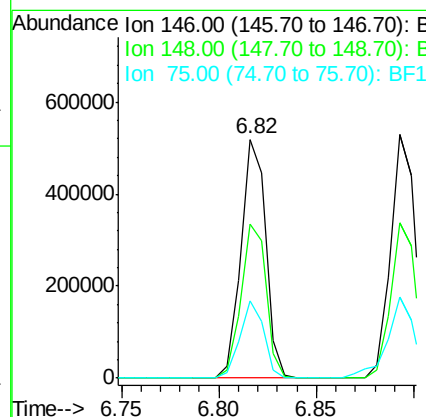
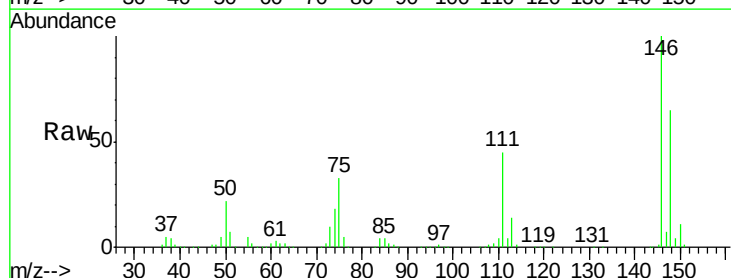
Instrument :
BNA_F
ClientSampled :

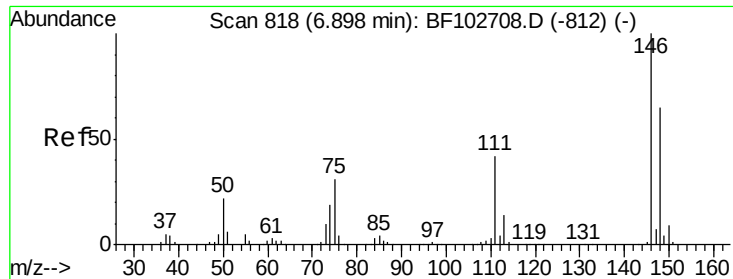
Tot Ion	Ratio	Lower	Upper
93	100		
63	89.8	58.6	98.6
95	32.6	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 32.444 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
75	32.6	24.2	36.4

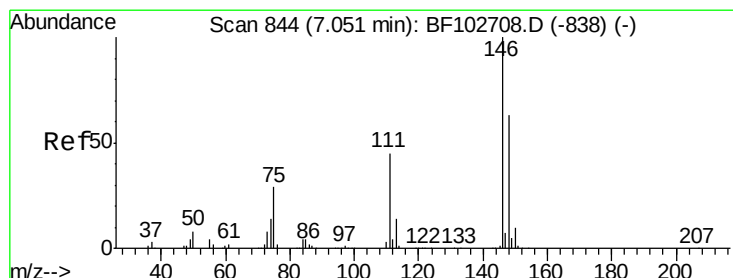
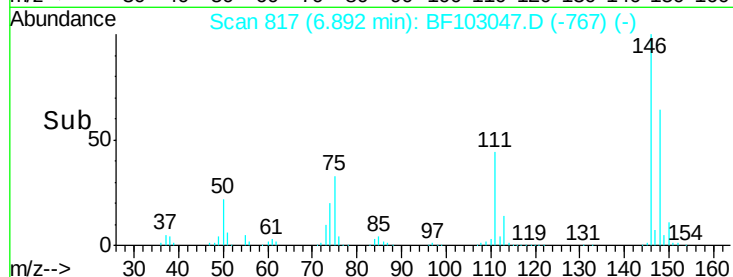
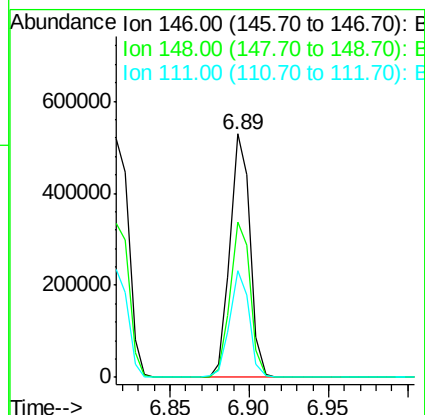
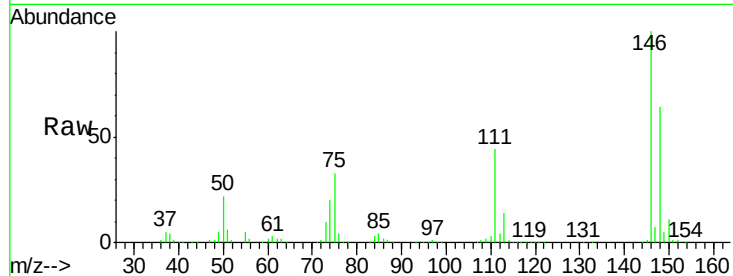




#13
 1,4-Dichlorobenzene
 Concen: 33.135 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

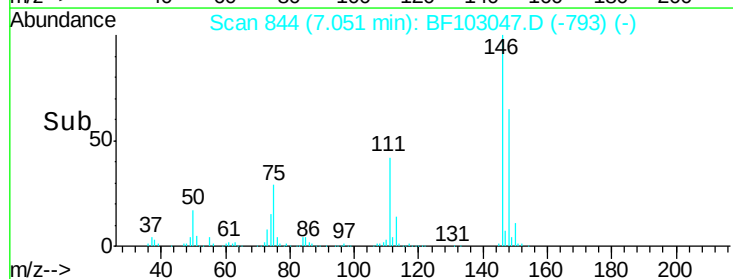
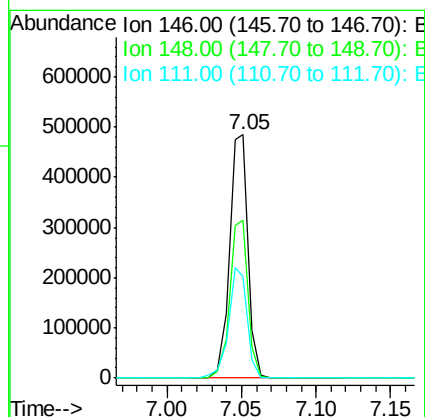
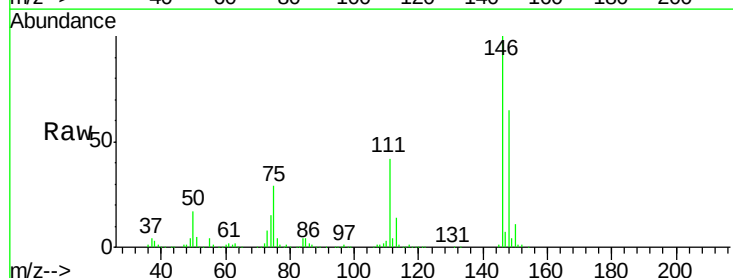
Instrument :
 BNA_F
 ClientSampleId :

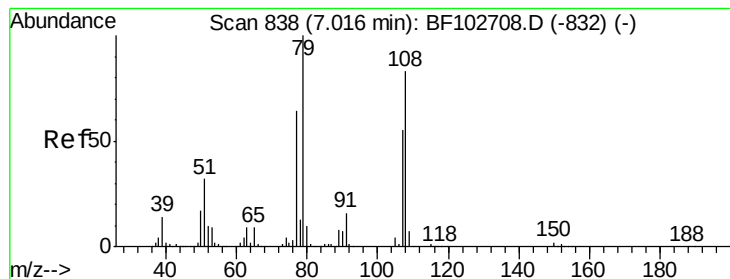
Tot Ion:146 Resp: 464931
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 43.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 32.697 ng
 RT: 7.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Tgt Ion:146 Resp: 427323
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.6 75.8
 111 41.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 34.900 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

ClientSampleId :

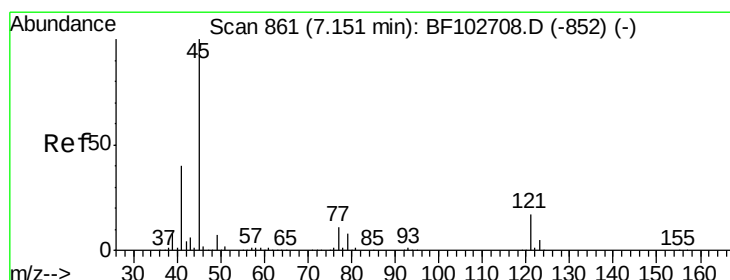
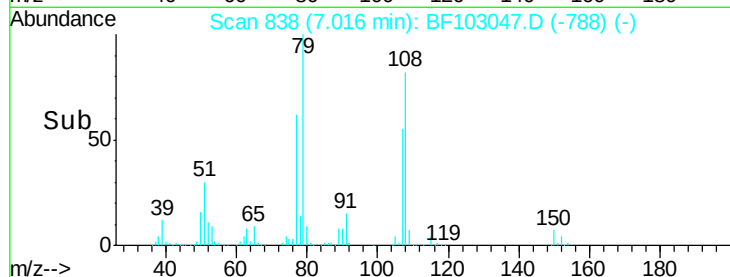
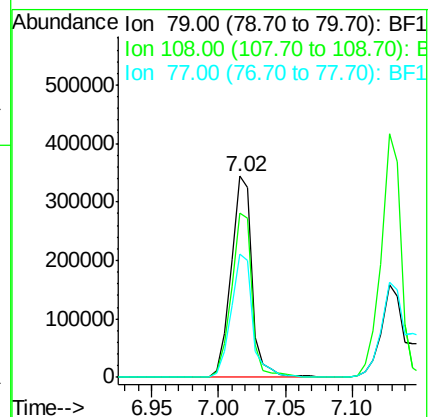
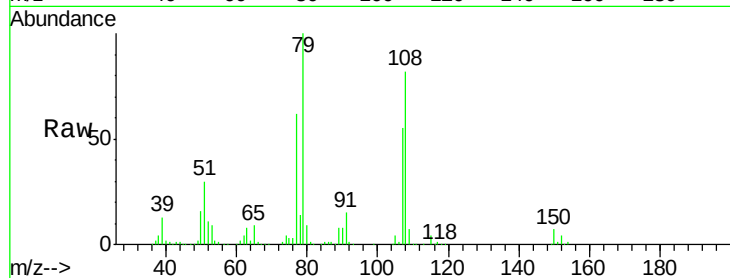
Tot Ion: 79 Resp: 381720

Ion Ratio Lower Upper

79 100

108 81.5 65.1 97.7

77 61.5 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.270 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

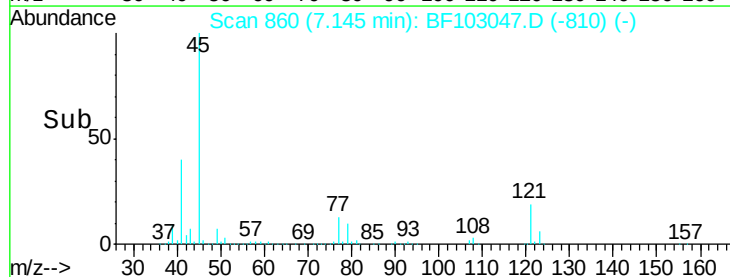
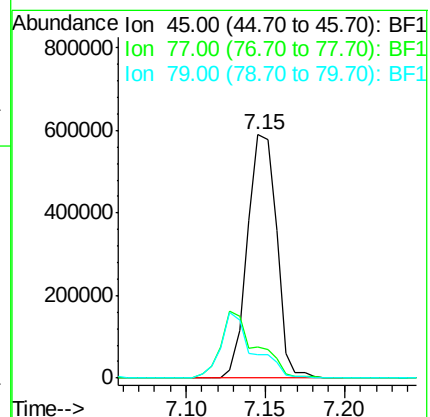
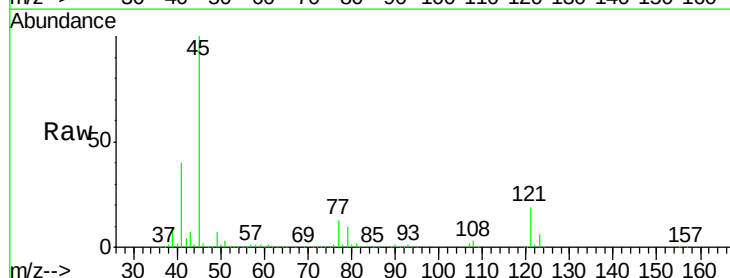
Tgt Ion: 45 Resp: 753602

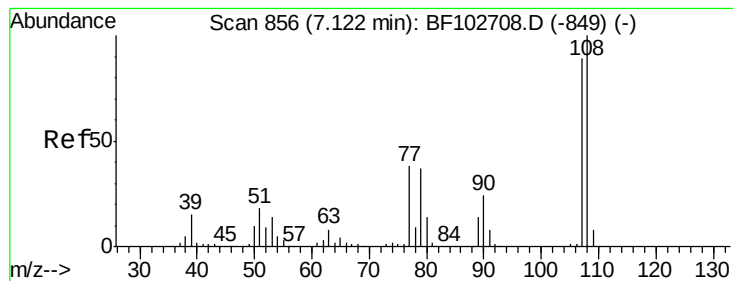
Ion Ratio Lower Upper

45 100

77 12.7 0.0 32.9

79 9.6 0.0 29.6

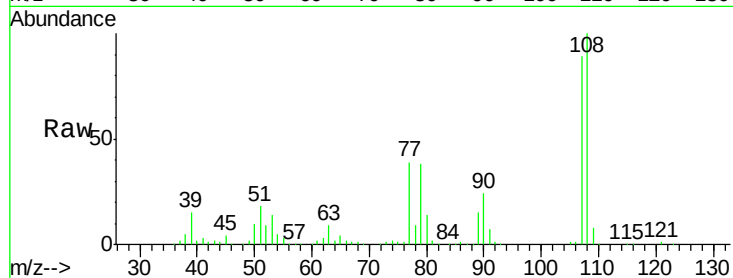




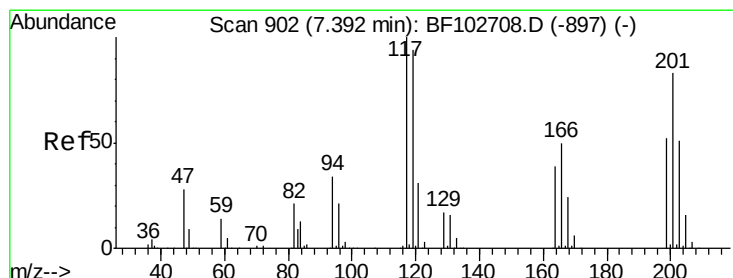
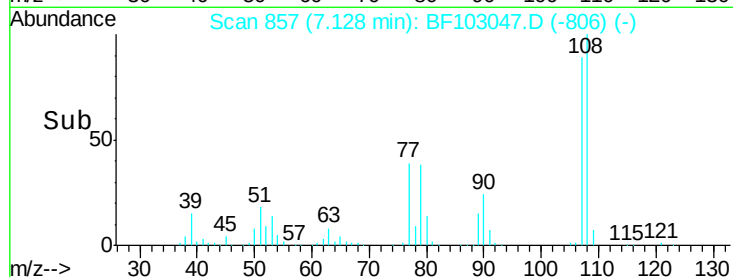
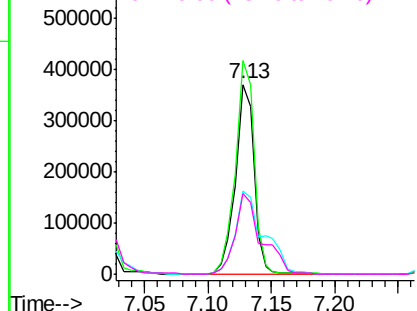
#17
2-Methylphenol
Concen: 33.452 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 375332
Ion Ratio Lower Upper
107 100
108 112.7 91.7 137.5
77 44.0 33.8 50.8
79 42.9 33.8 50.8

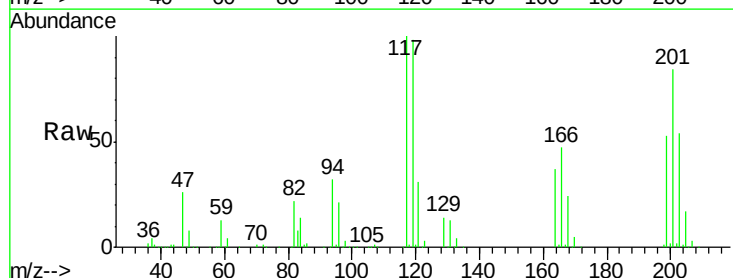


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

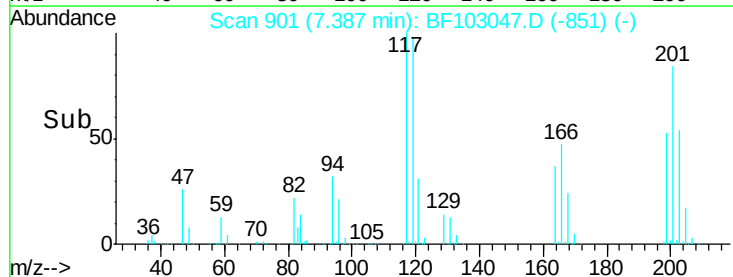
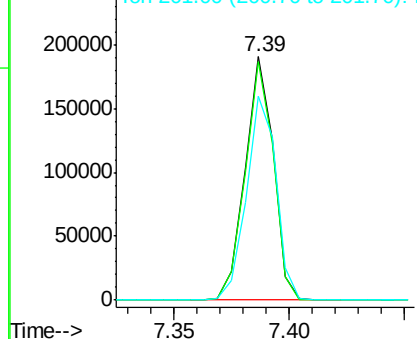


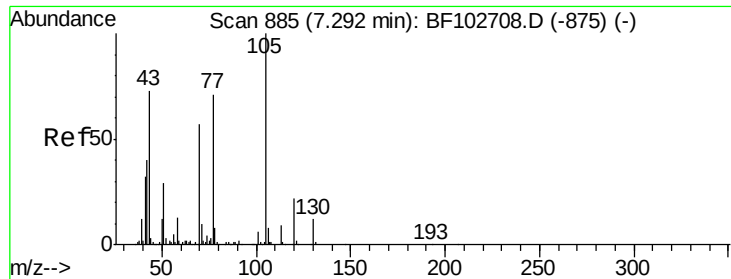
#18
Hexachloroethane
Concen: 33.996 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion:117 Resp: 163573
Ion Ratio Lower Upper
117 100
119 97.7 75.8 113.8
201 84.0 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

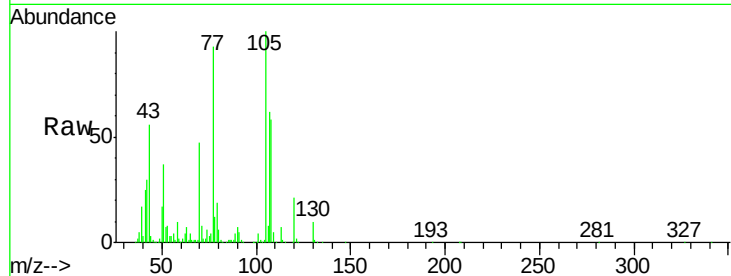




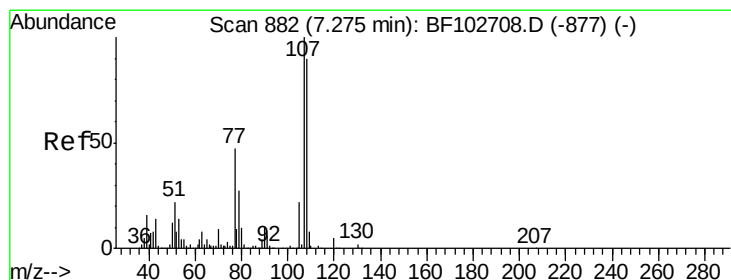
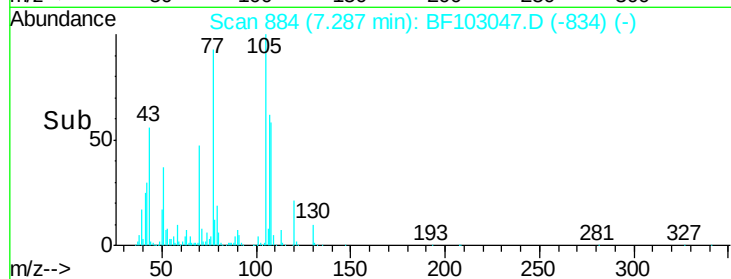
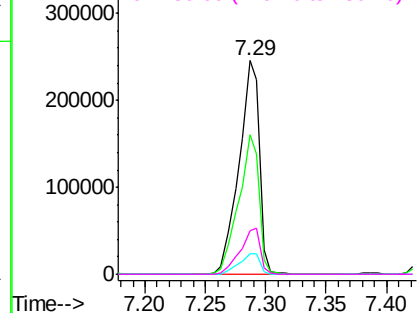
#19
n-Nitroso-di-n-propylamine
Concen: 30.903 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 289860
Ion Ratio Lower Upper
70 100
42 65.1 47.5 71.3
101 9.3 7.4 11.2
130 20.5 16.6 25.0

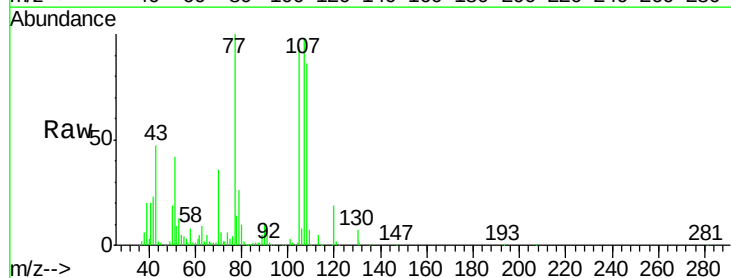


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

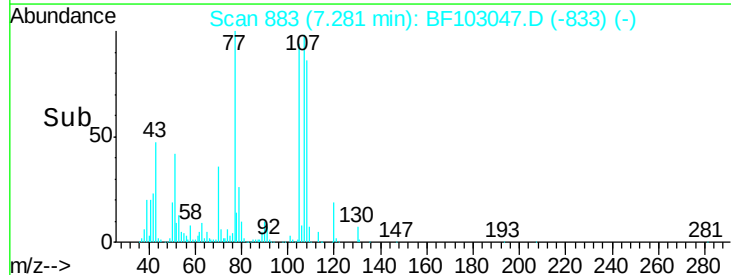
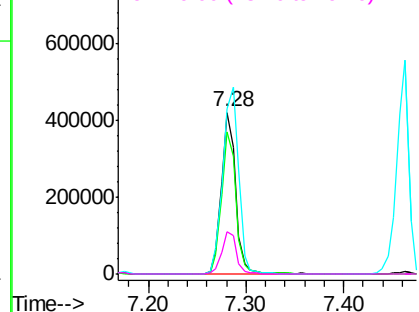


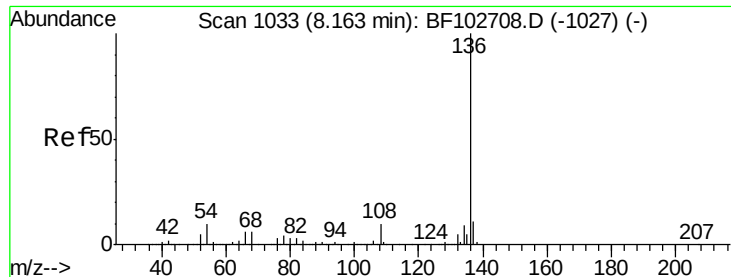
#20
3+4-Methylphenols
Concen: 30.871 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion:107 Resp: 427138
Ion Ratio Lower Upper
107 100
108 87.8 68.2 108.2
77 102.2 26.7 66.7#
79 26.2 6.3 46.3



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

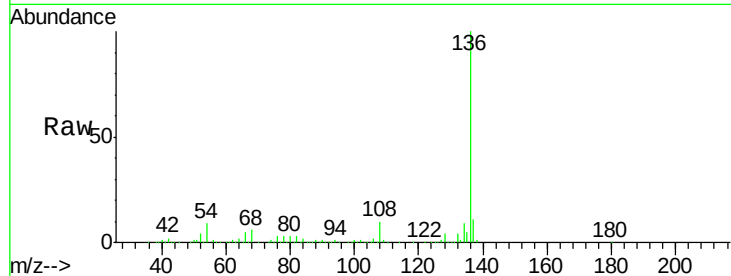




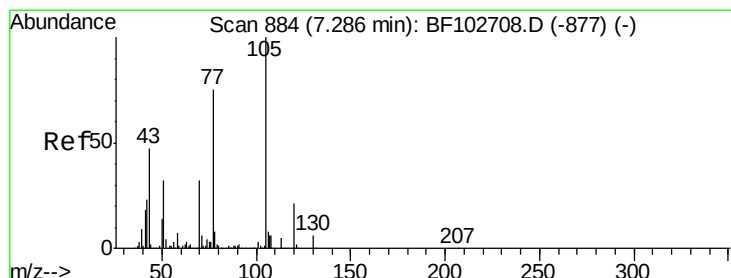
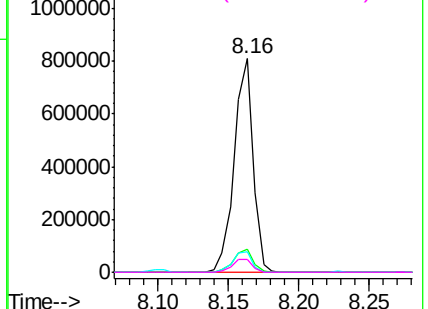
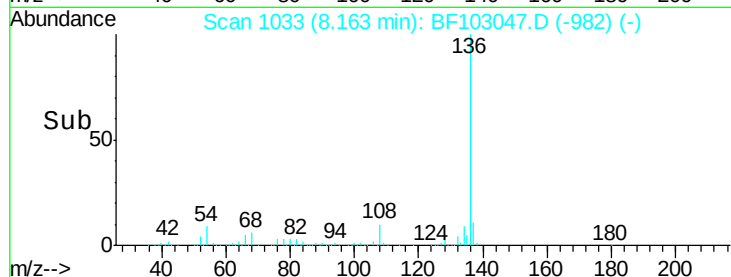
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	755393
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	9.4	6.6 9.8
68	6.2	5.0 7.4

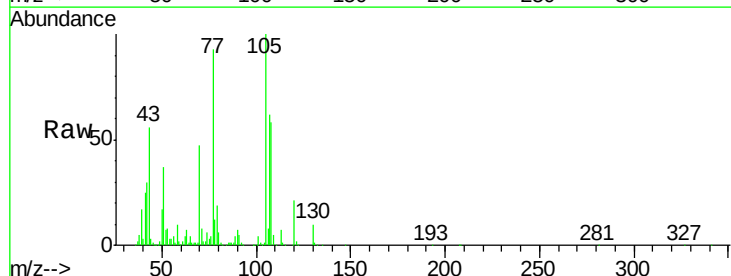


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

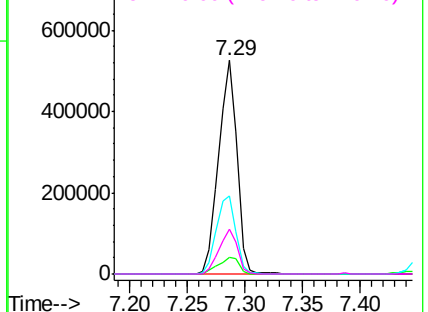
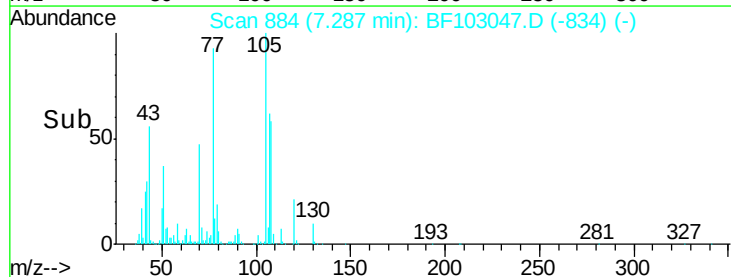


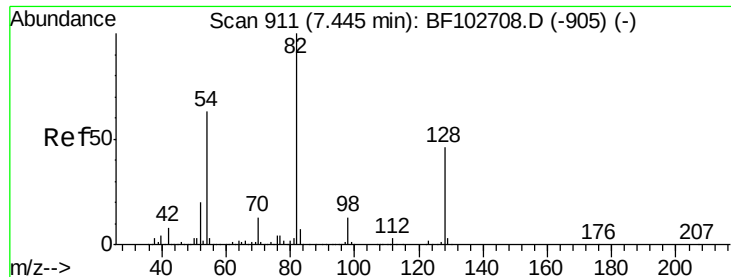
#22
Acetophenone
Concen: 31.370 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion:105	Resp:	579872
Ion Ratio	Lower	Upper
105	100	
71	7.8	4.4 6.6#
51	36.7	22.3 33.5#
120	21.1	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

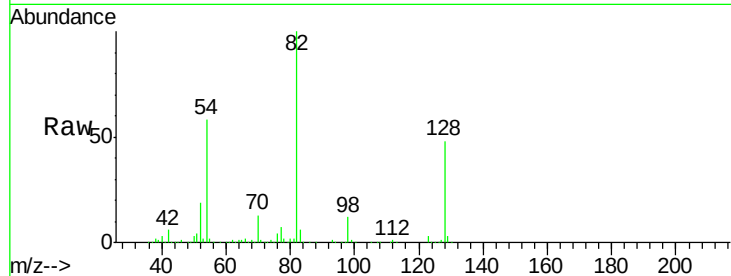




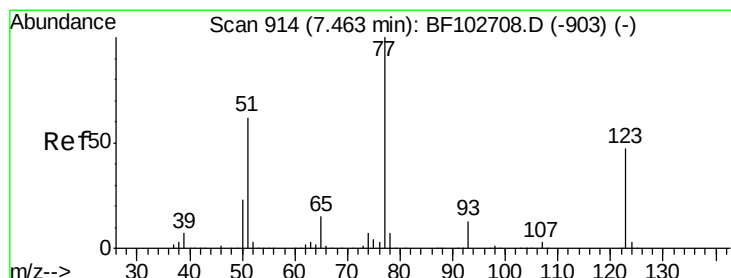
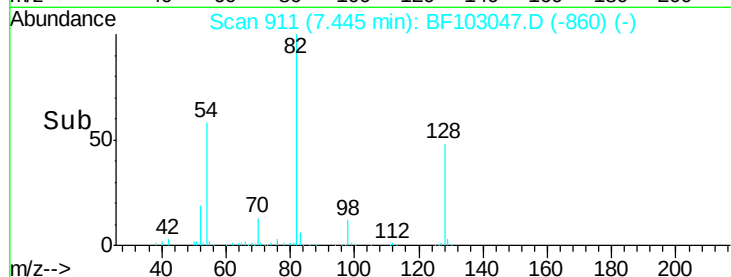
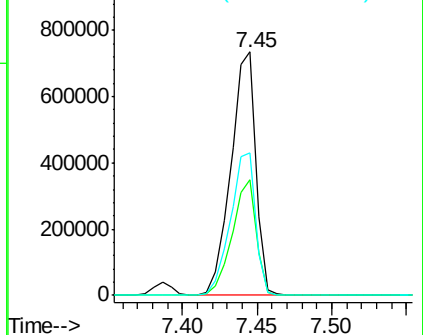
#23
Nitrobenzene-d5
Concen: 79.322 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	863756
Ion Ratio	100	Lower	Upper
128	47.5	36.1	54.1
54	58.4	41.4	62.2

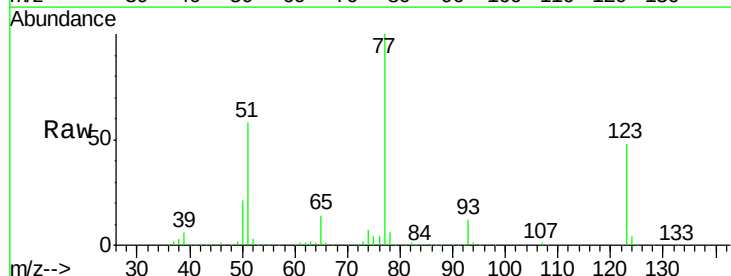


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

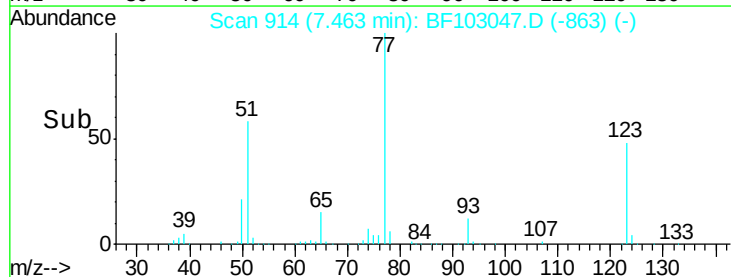
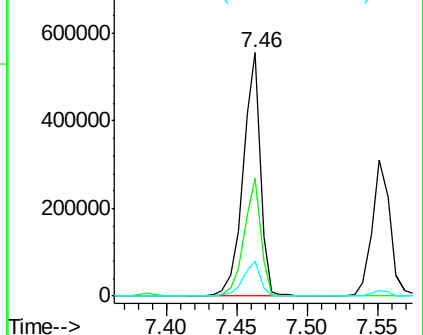


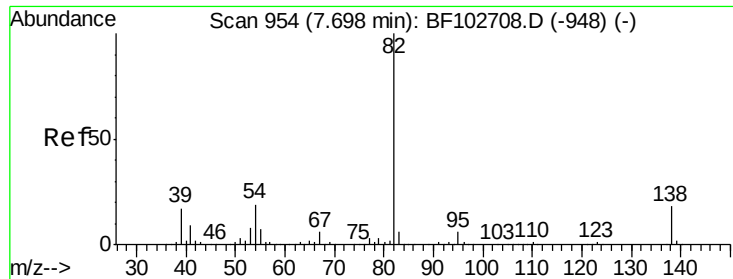
#24
Nitrobenzene
Concen: 36.779 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion	77	Resp	471264
Ion Ratio	100	Lower	Upper
123	48.4	37.9	56.9
65	14.3	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: 34.494 ng

RT: 7.70 min Scan# 954

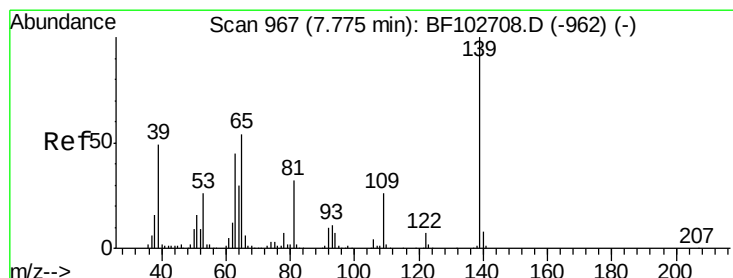
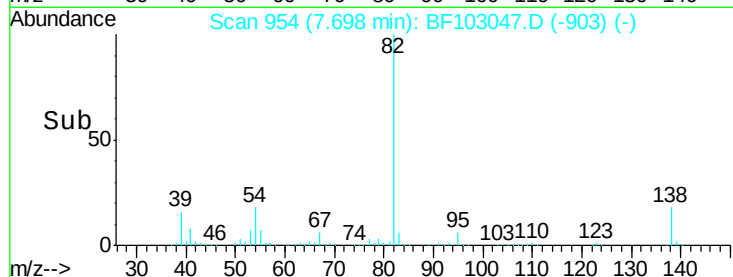
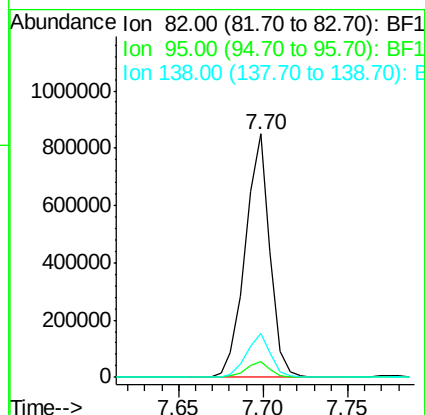
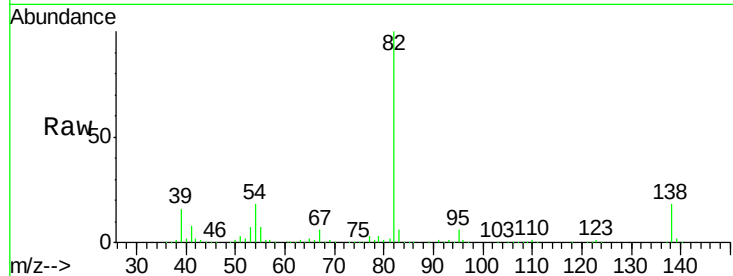
Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	82	Resp:	864897
Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.2	7.8
138	18.3	14.9	22.3



#26

2-Nitrophenol

Concen: 45.058 ng

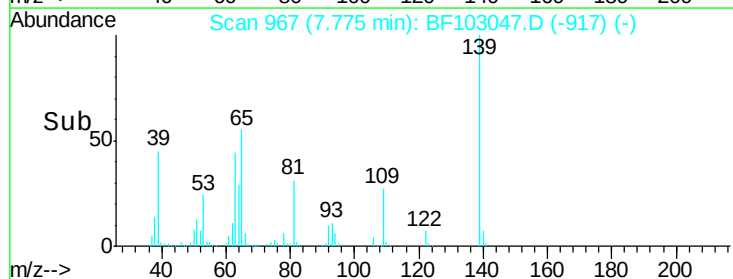
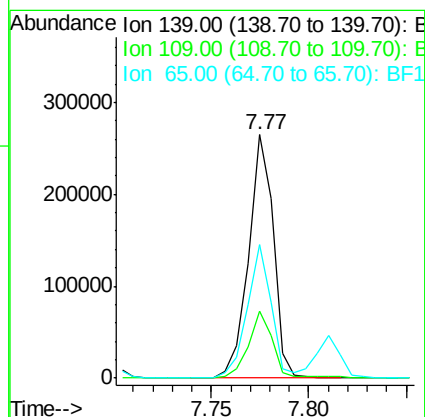
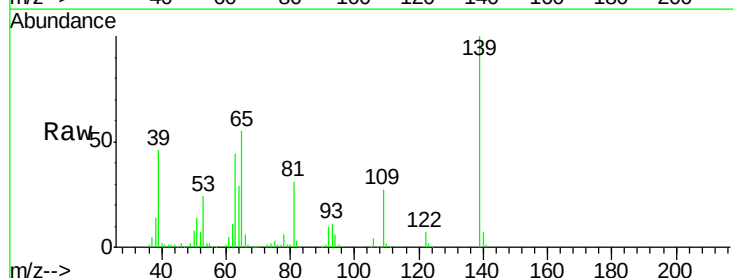
RT: 7.77 min Scan# 967

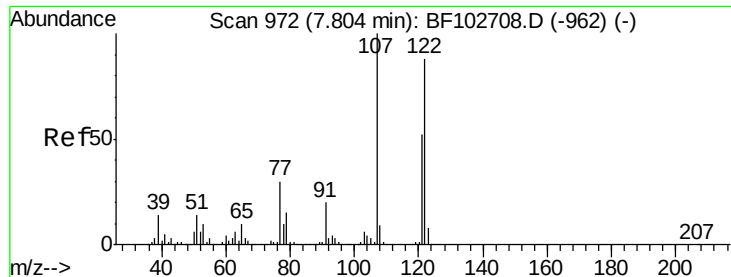
Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Tgt Ion:	139	Resp:	233693
Ion	Ratio	Lower	Upper
139	100		
109	27.4	22.7	34.1
65	54.8	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 36.090 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampleId :

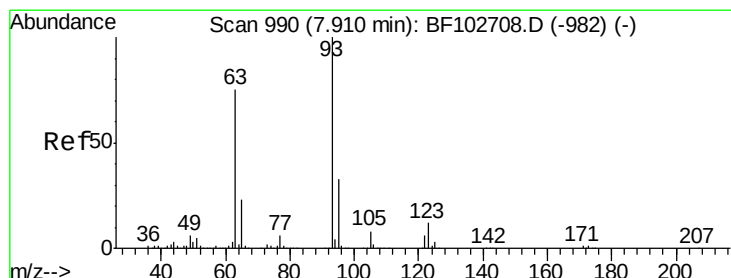
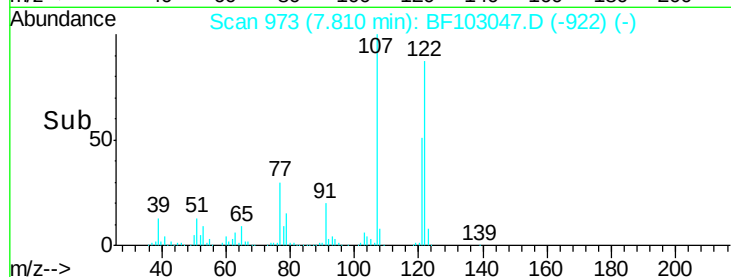
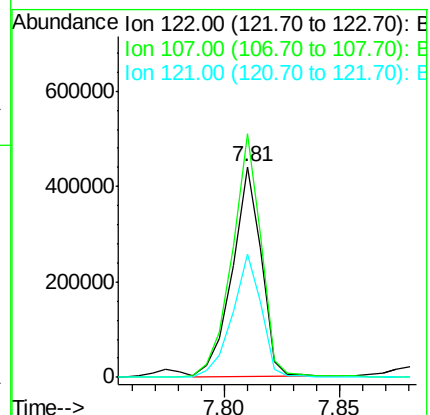
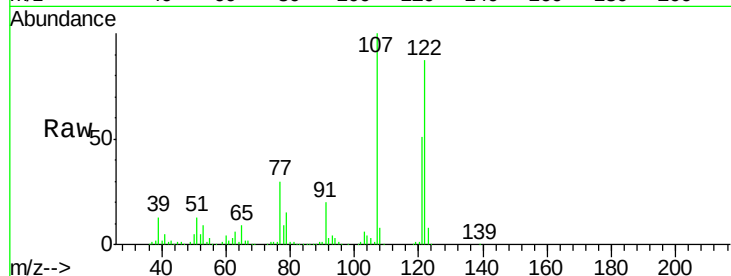
Tot Ion:122 Resp: 382313

Ion Ratio Lower Upper

122 100

107 115.6 91.2 136.8

121 58.5 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 36.383 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

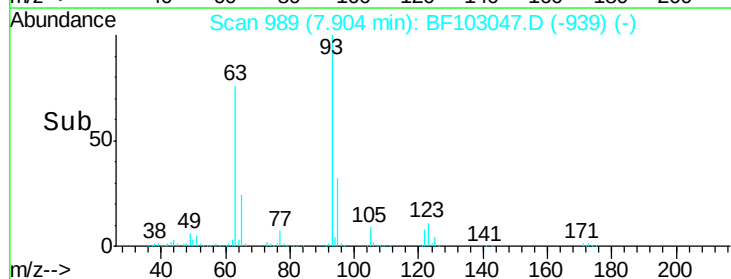
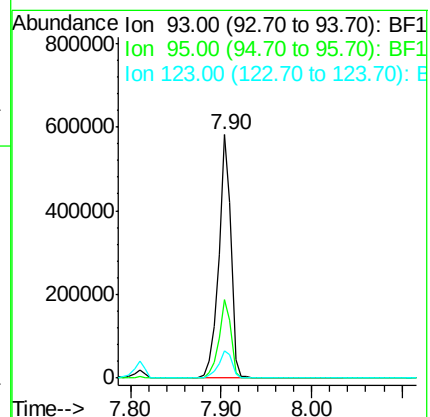
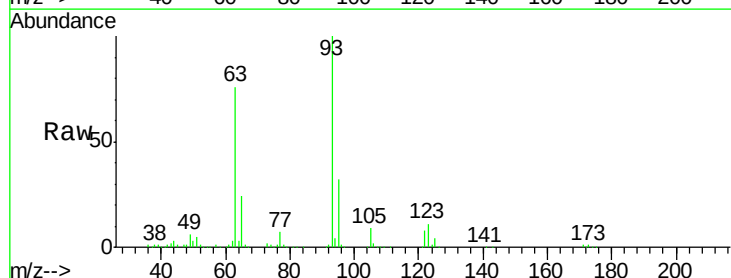
Tgt Ion: 93 Resp: 540422

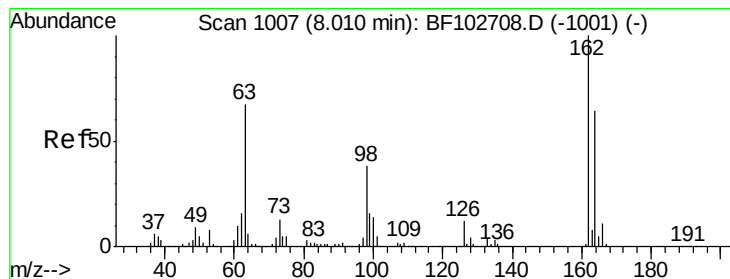
Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

123 11.0 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 36.451 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

ClientSampleId :

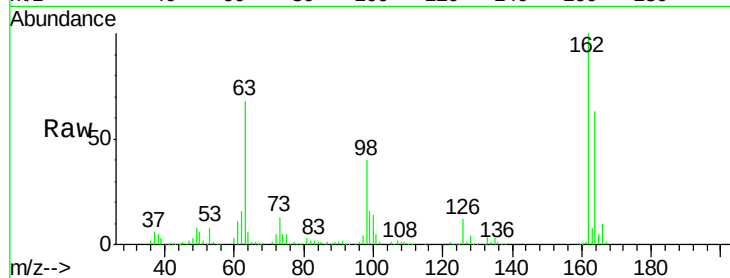
Tot Ion:162 Resp: 351028

Ion Ratio Lower Upper

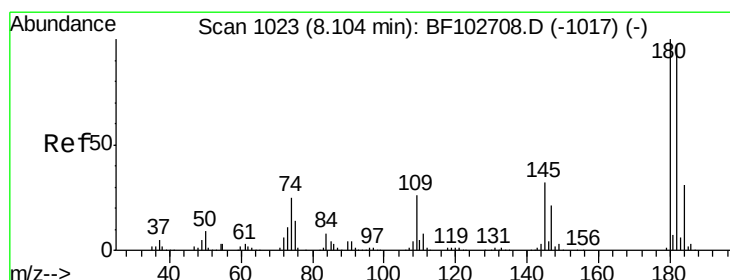
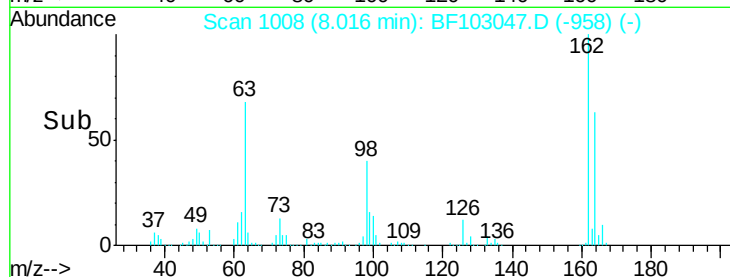
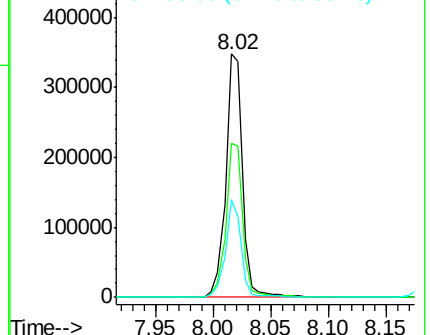
162 100

164 63.3 42.7 82.7

98 40.0 18.1 58.1



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



#30

1,2,4-Trichlorobenzene

Concen: 32.732 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

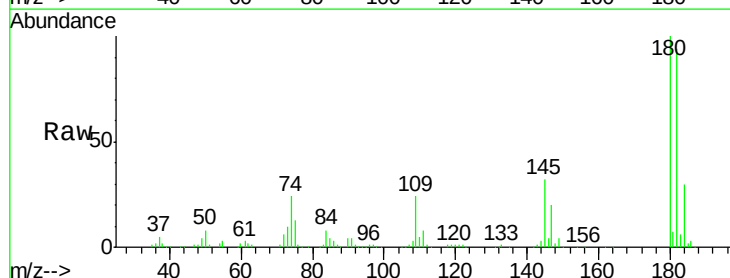
Tgt Ion:180 Resp: 356591

Ion Ratio Lower Upper

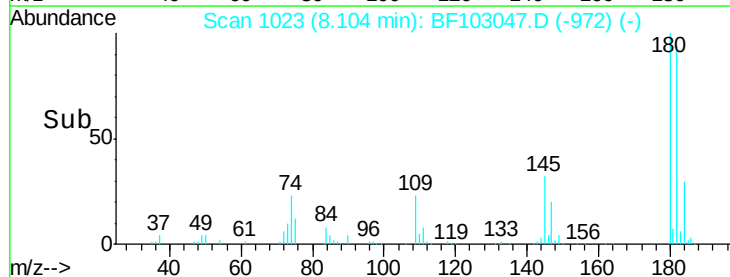
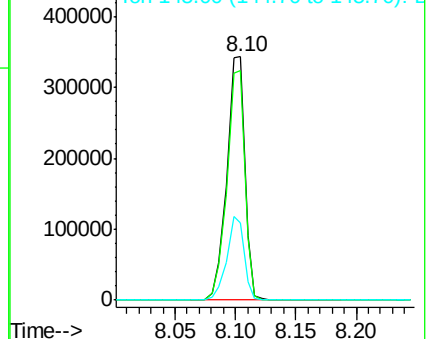
180 100

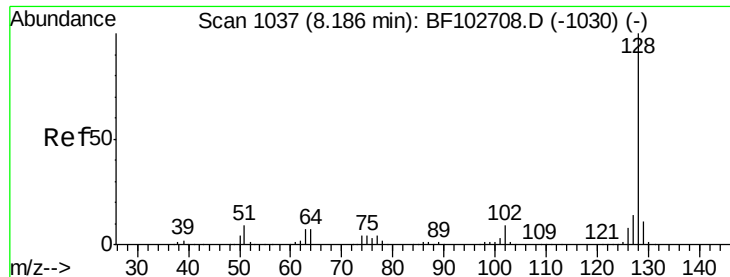
182 94.4 76.8 115.2

145 31.5 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

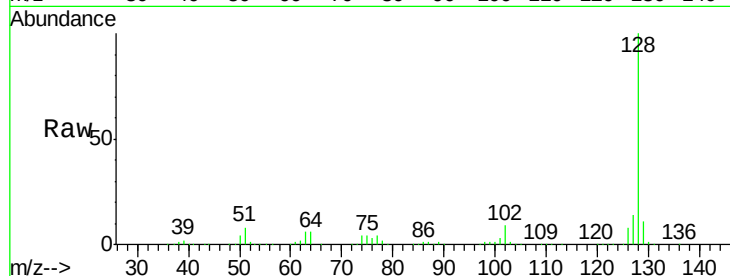




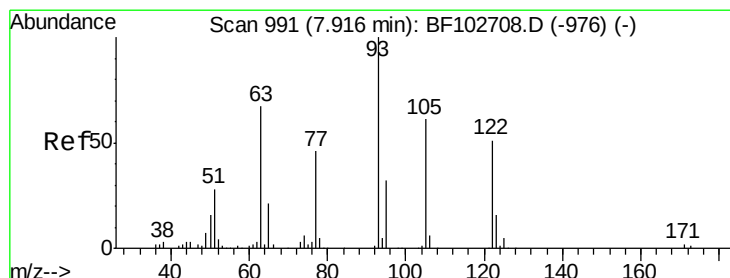
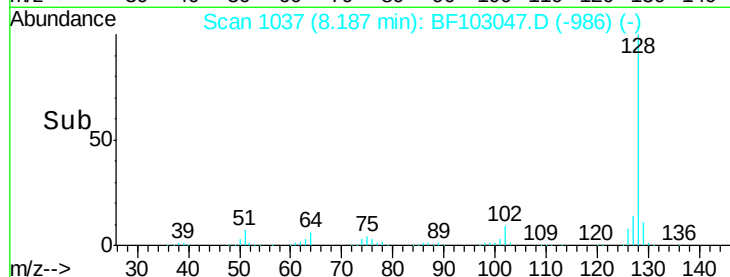
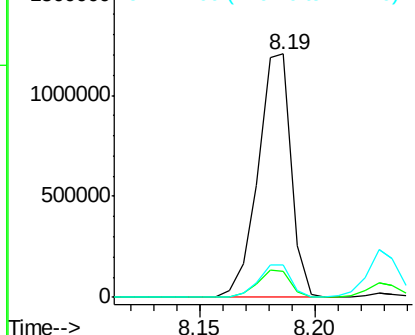
#31
Naphthalene
Concen: 32.756 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1208908
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.5 10.9 16.3

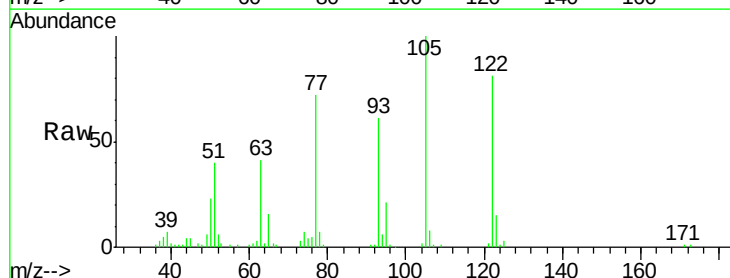


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

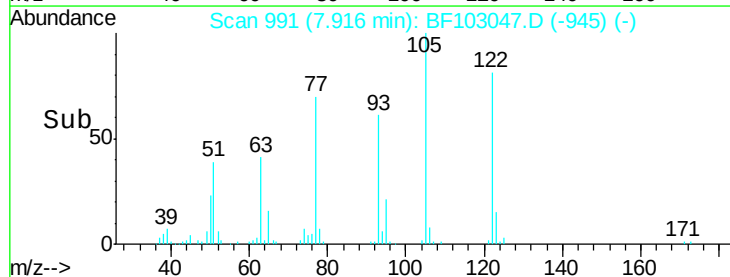
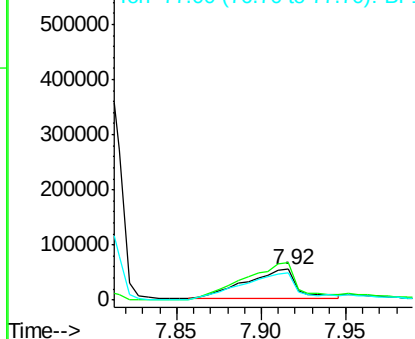


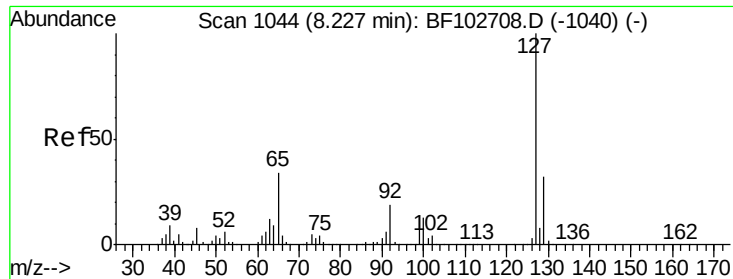
#32
Benzoic acid
Concen: 22.660 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion:122 Resp: 115955
Ion Ratio Lower Upper
122 100
105 123.4 101.1 141.1
77 88.7 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

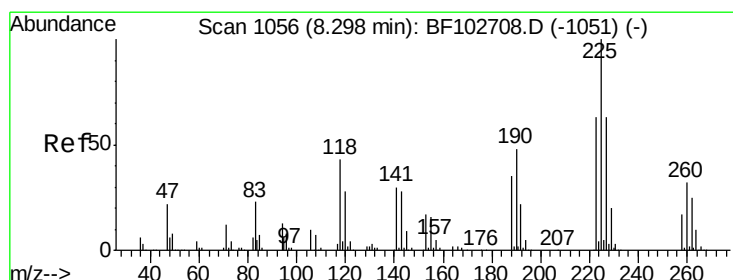
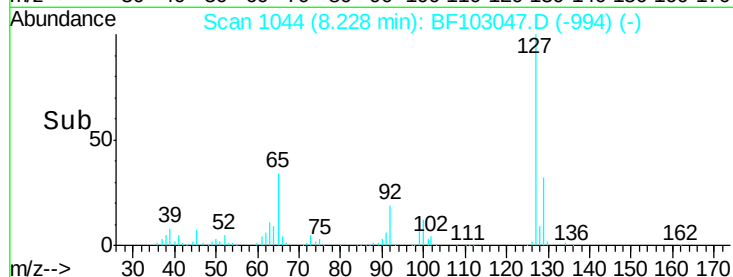
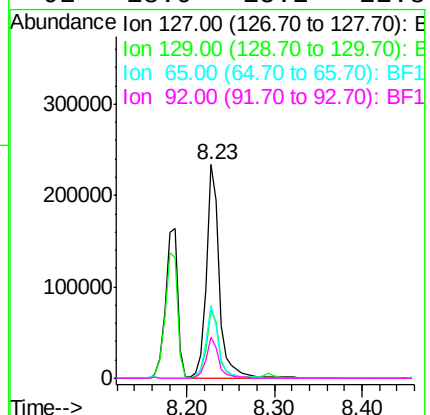
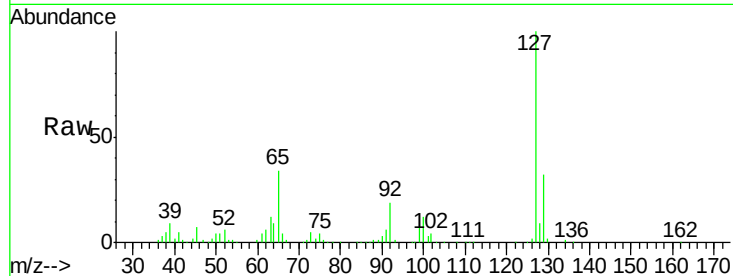




#33
4-Chloroaniline
Concen: 15.199 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

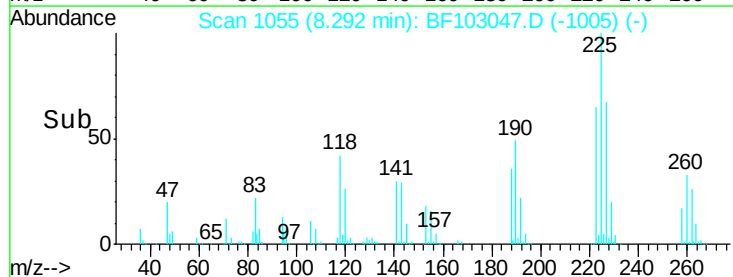
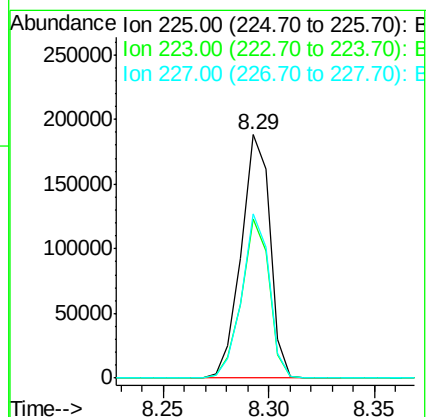
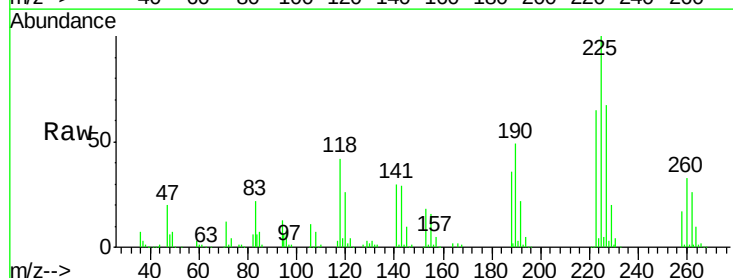
Instrument :
BNA_F
ClientSampleId :

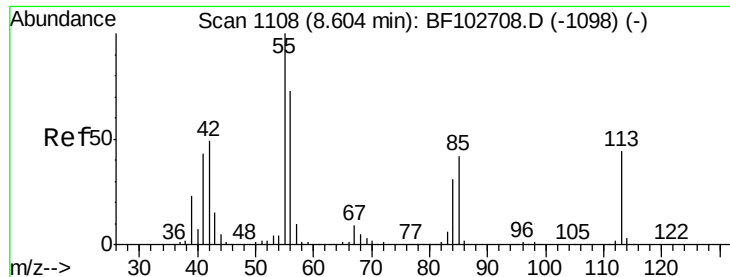
Tot Ion:	127	Resp:	241654
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	34.0	25.0	37.4
92	18.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 31.916 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion:	225	Resp:	178171
Ion	Ratio	Lower	Upper
225	100		
223	65.4	50.6	76.0
227	67.3	51.9	77.9





#35

Caprolactam

Concen: 34.854 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

ClientSampled :

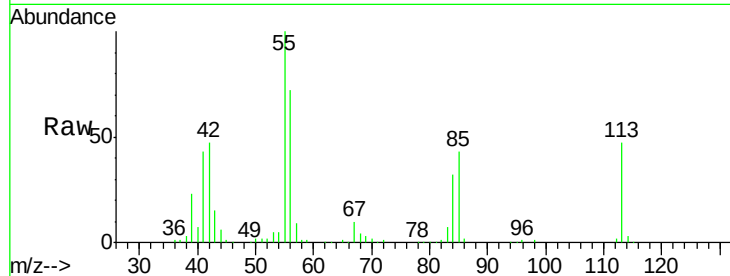
Tot Ion:113 Resp: 116565

Ion Ratio Lower Upper

113 100

55 210.8 163.3 203.3#

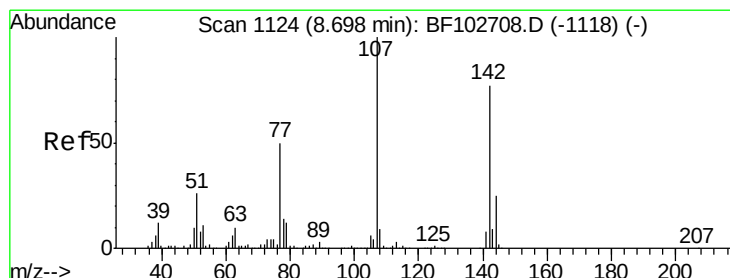
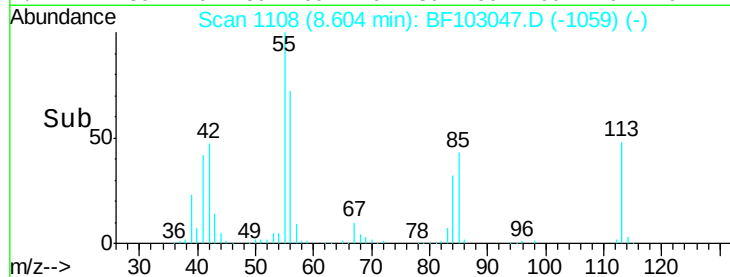
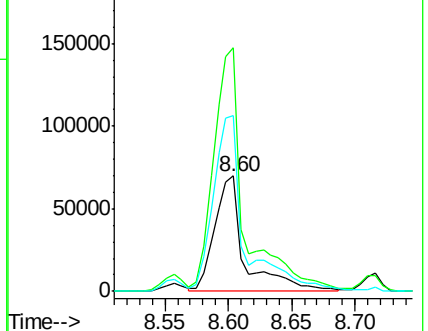
56 152.0 115.7 155.7



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: 35.566 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

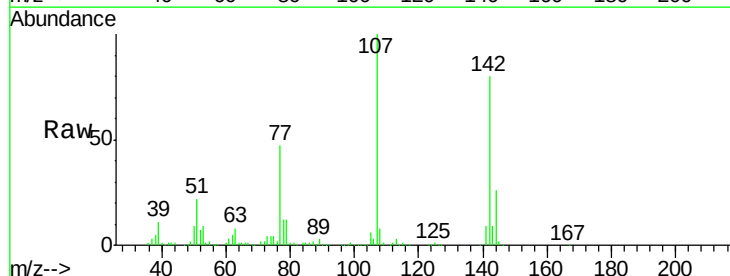
Tgt Ion:107 Resp: 384822

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

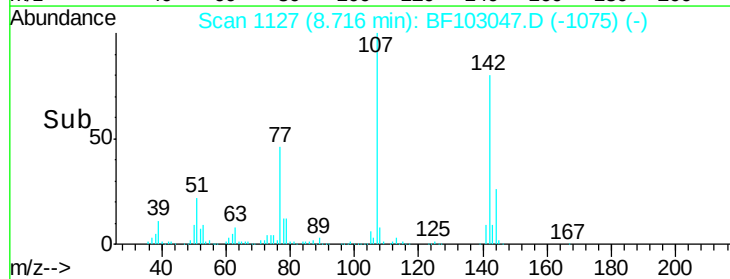
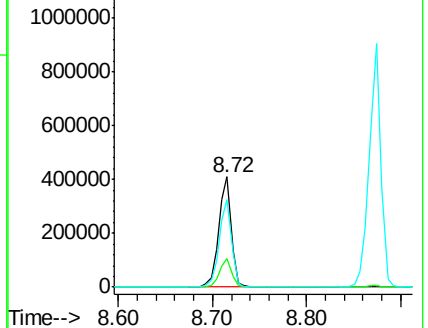
142 79.5 62.0 93.0

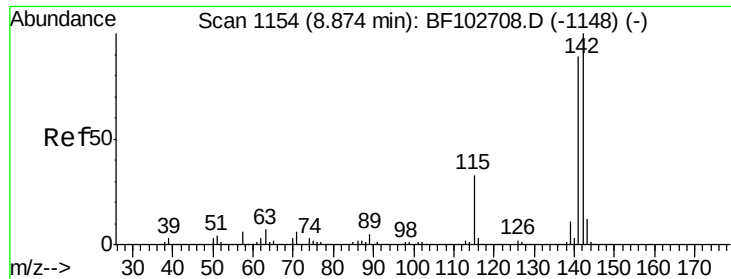


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

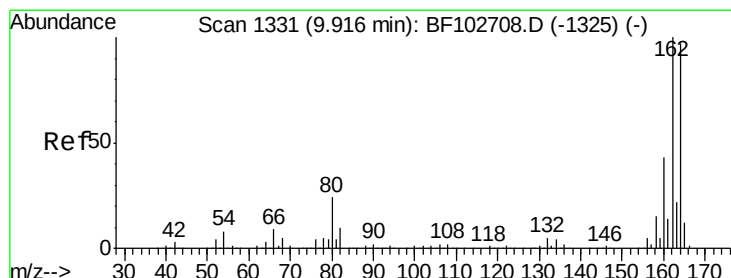
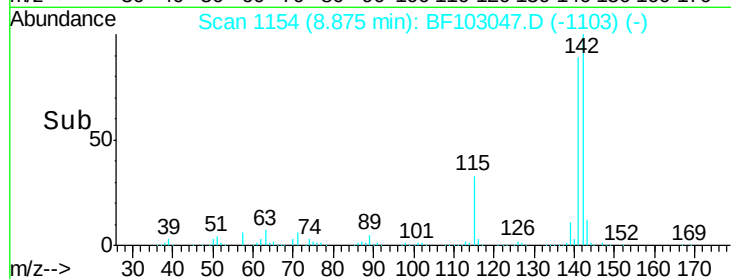
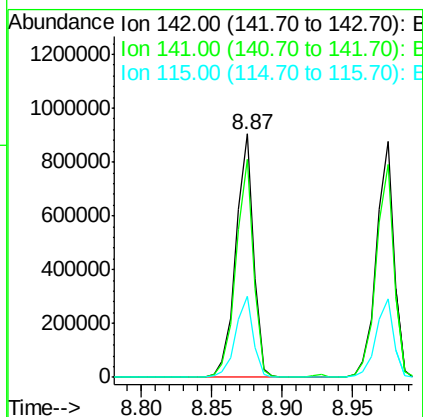
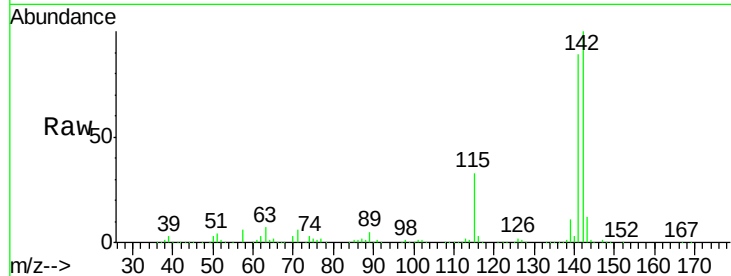




#37
2-Methylnaphthalene
Concen: 32.737 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

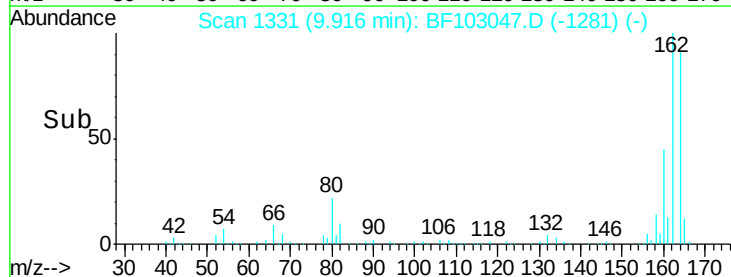
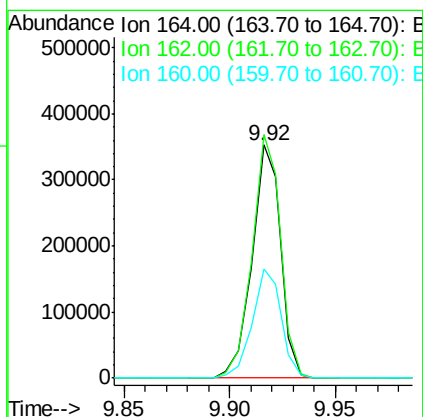
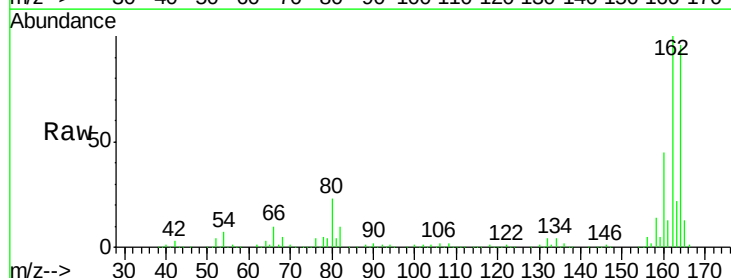
Instrument :
BNA_F
ClientSampled :

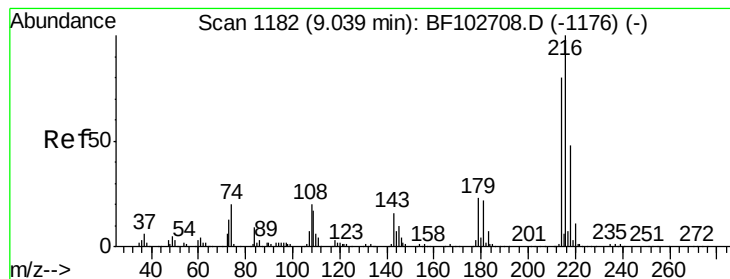
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	33.2	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	46.7	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.020 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 306853

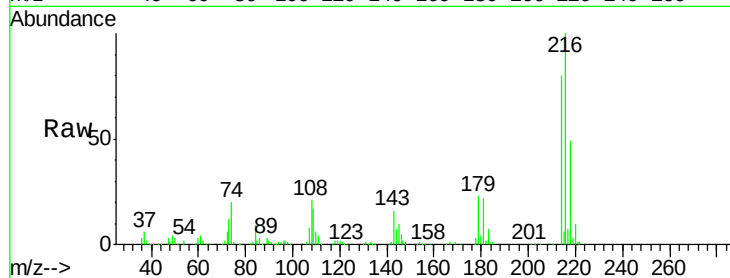
Ion Ratio Lower Upper

216 100

214 80.3 63.0 94.4

179 22.9 18.1 27.1

108 23.2 17.2 25.8

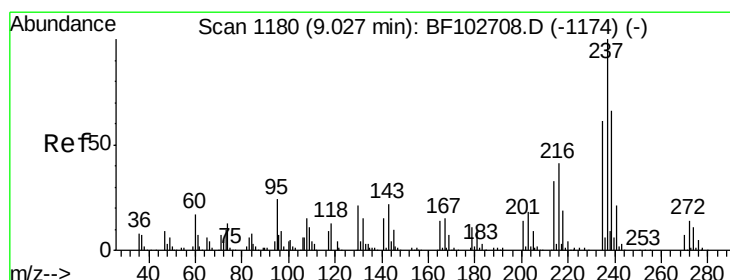
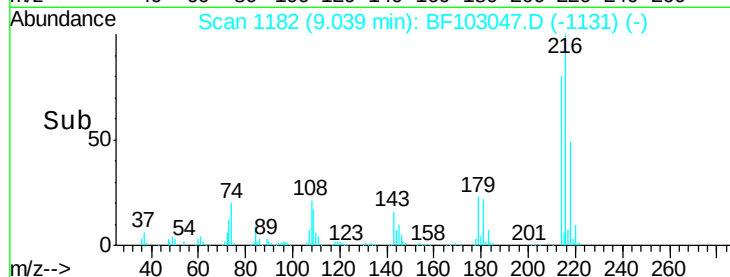
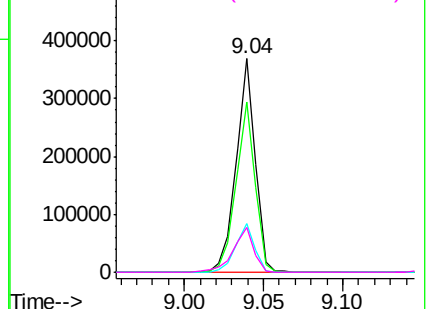


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 28.360 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

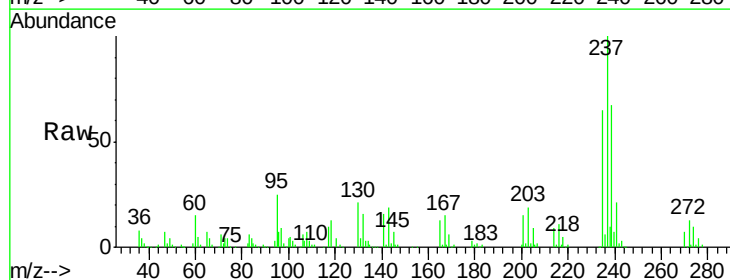
Tgt Ion:237 Resp: 121602

Ion Ratio Lower Upper

237 100

235 64.6 44.8 84.8

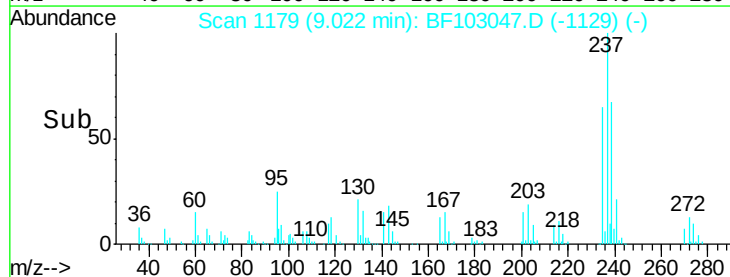
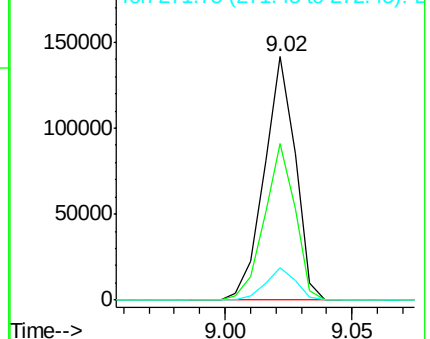
272 13.4 0.0 33.3

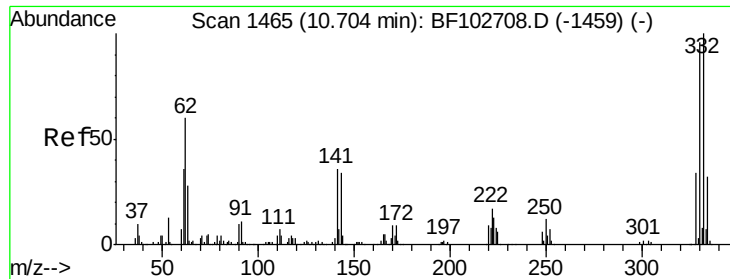


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

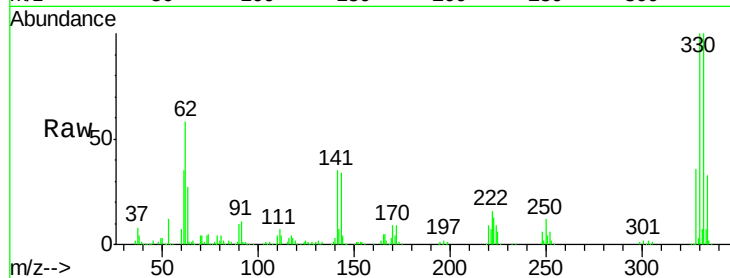




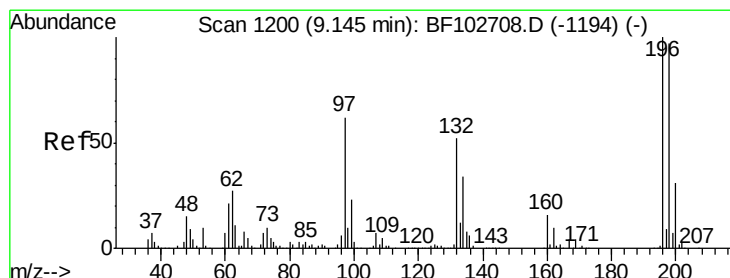
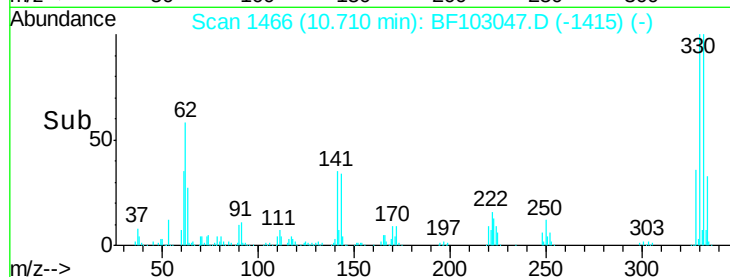
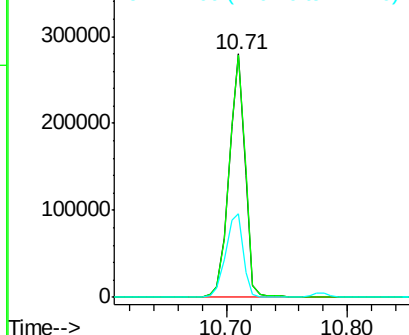
#41
 2,4,6-Tribromophenol
 Concen: 96.003 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.3	77.0	115.6
141	38.0	29.9	44.9

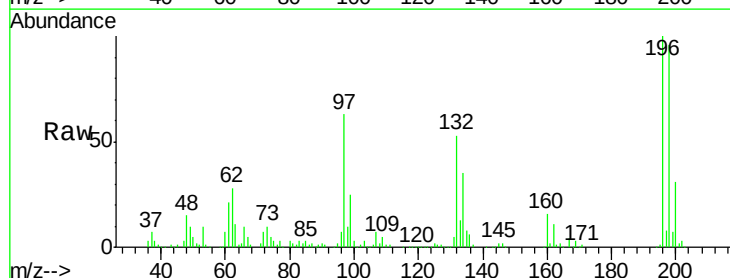


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

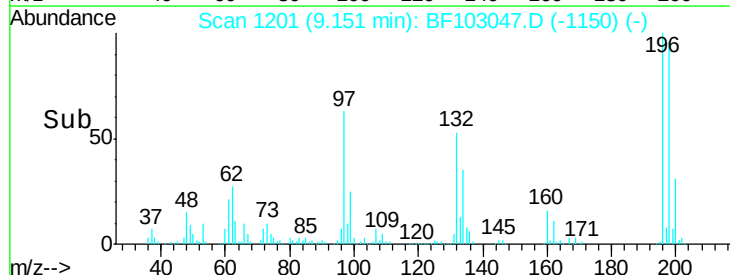
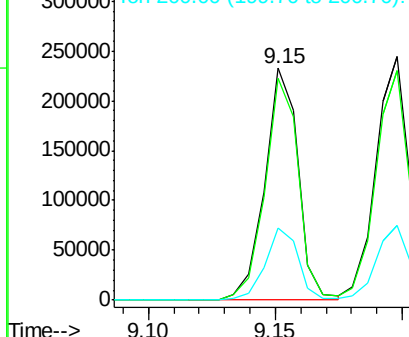


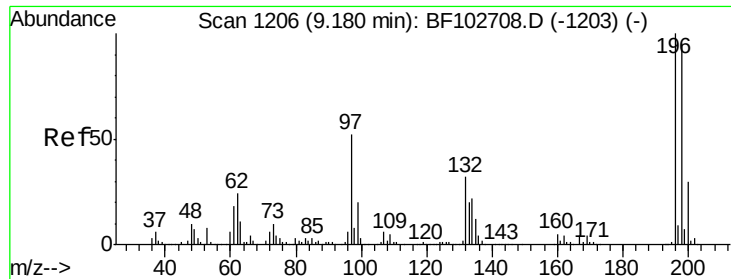
#42
 2,4,6-Trichlorophenol
 Concen: 36.328 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.7	113.5
200	31.2	24.5	36.7



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

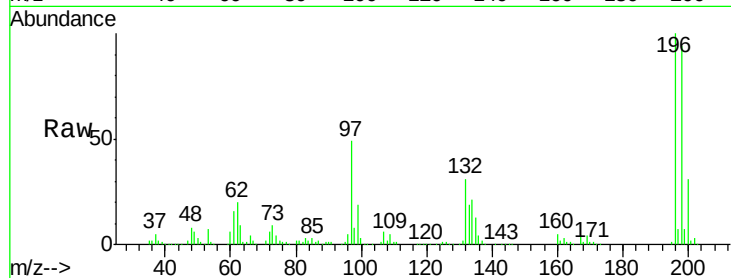




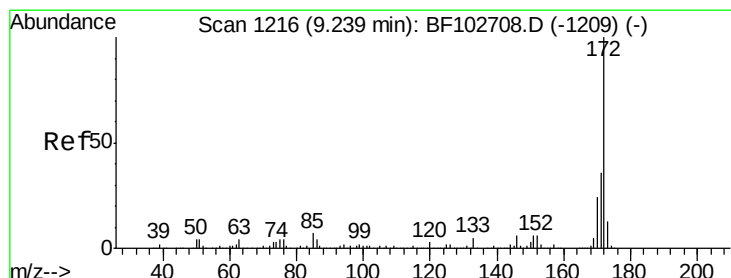
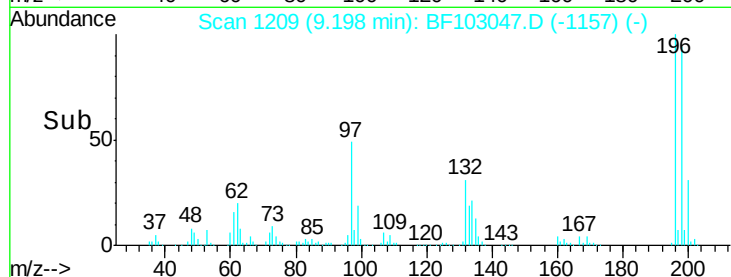
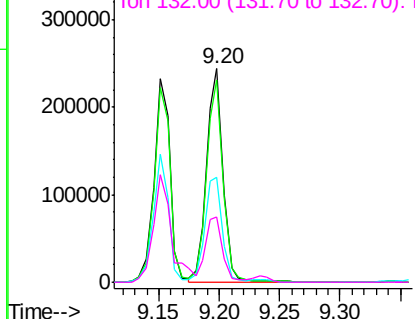
#43
 2,4,5-Trichlorophenol
 Concen: 34.516 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.4	74.6	112.0
97	49.0	42.9	64.3
132	30.8	26.3	39.5

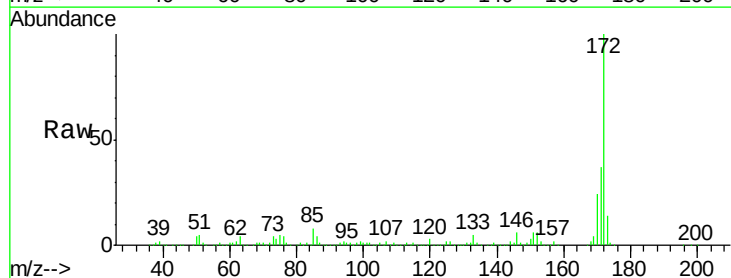


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

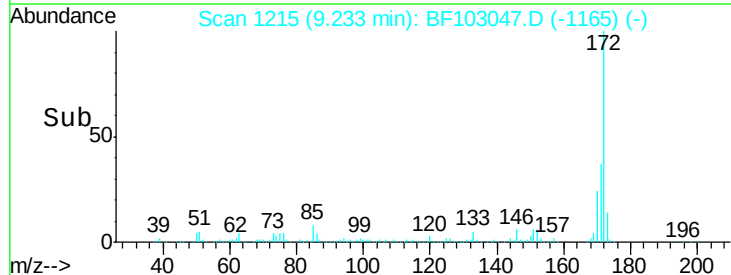
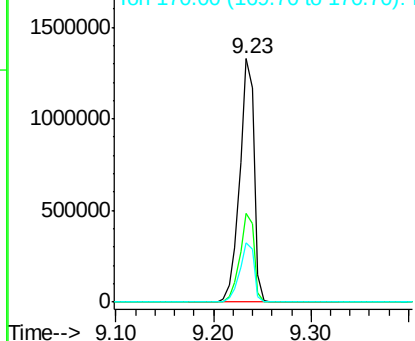


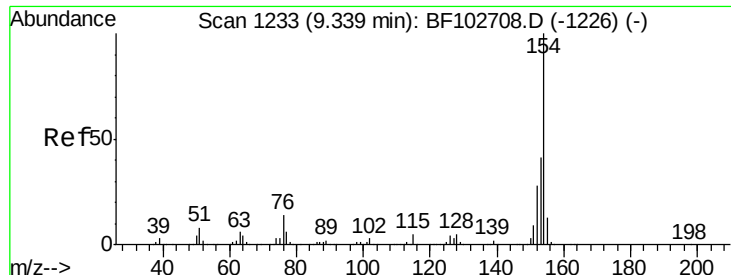
#44
 2-Fluorobiphenyl
 Concen: 67.856 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.3	19.6	29.4



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

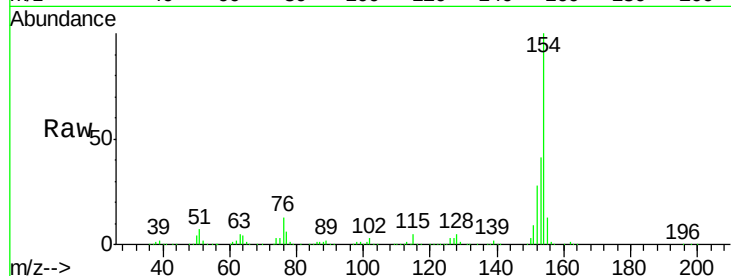




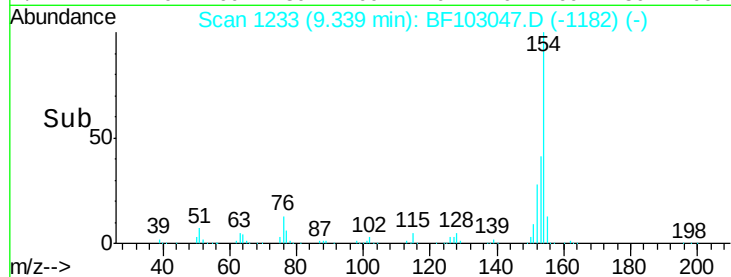
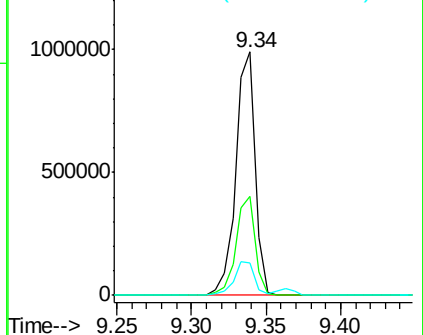
#45
 1,1'-Biphenyl
 Concen: 32.327 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	13.3	0.0	34.0

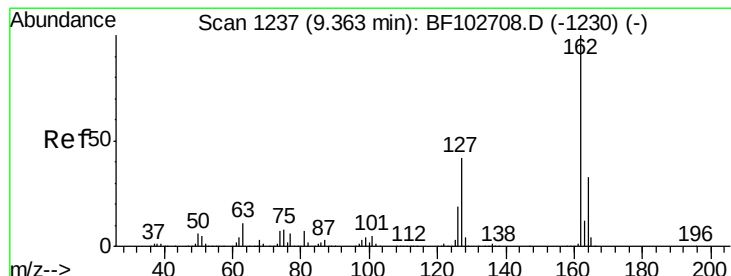


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

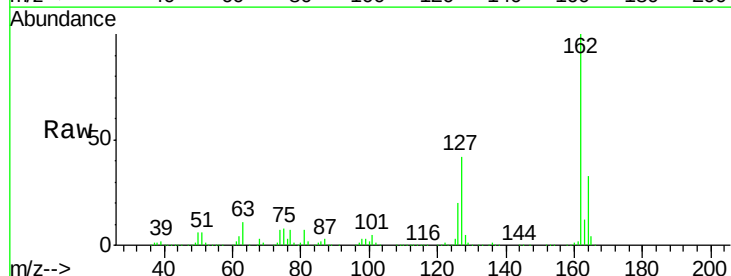
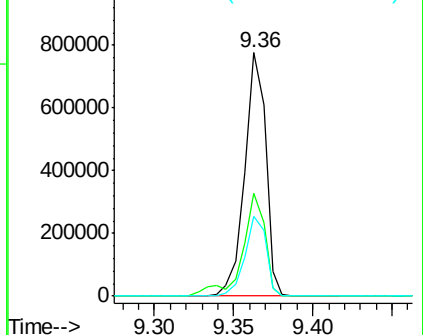


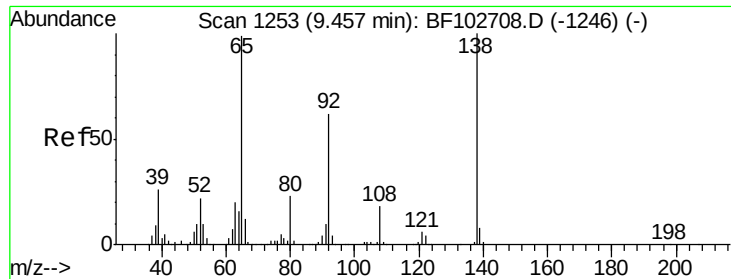
#46
 2-Chloronaphthalene
 Concen: 32.460 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.9	50.9
164	32.8	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: 40.428 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

ClientSampleId :

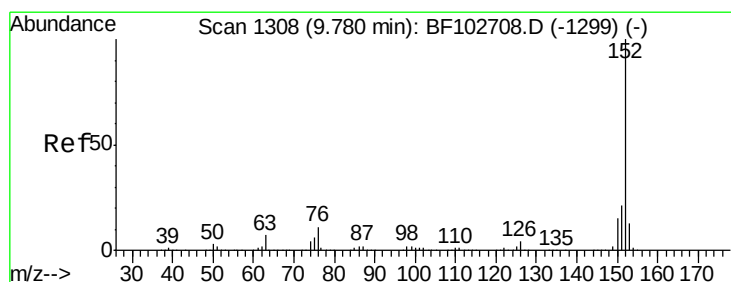
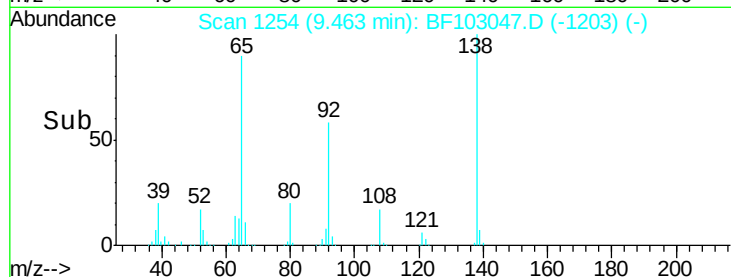
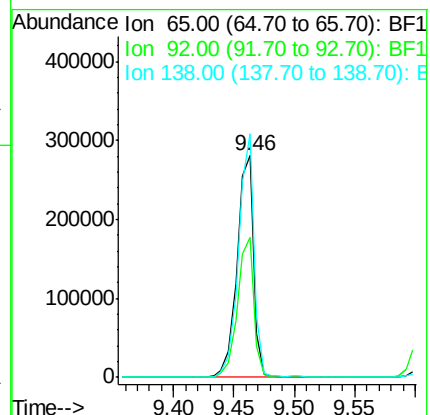
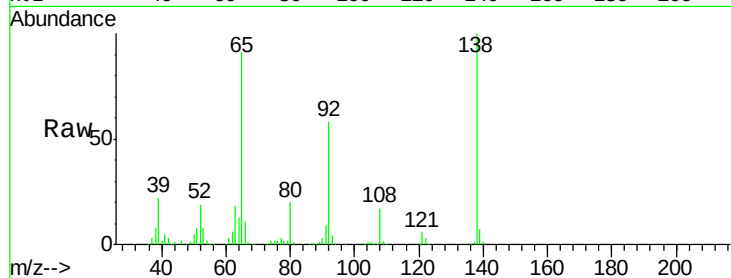
Tot Ion: 65 Resp: 270031

Ion Ratio Lower Upper

65 100

92 63.4 55.8 83.6

138 110.0 91.2 136.8



#48

Acenaphthylene

Concen: 31.177 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

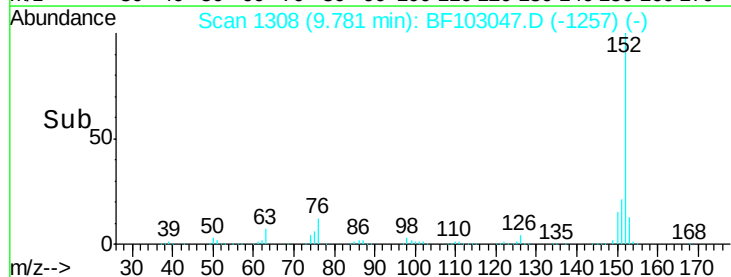
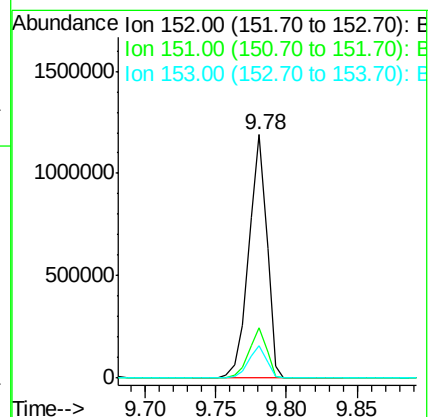
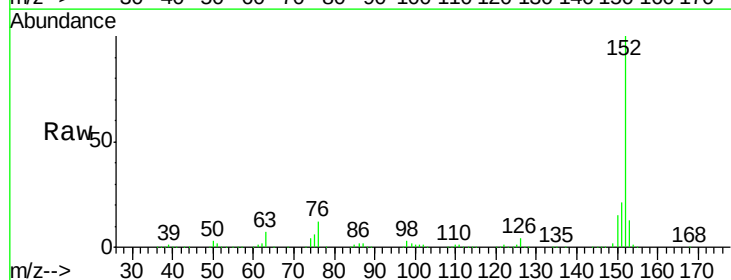
Tgt Ion: 152 Resp: 1063692

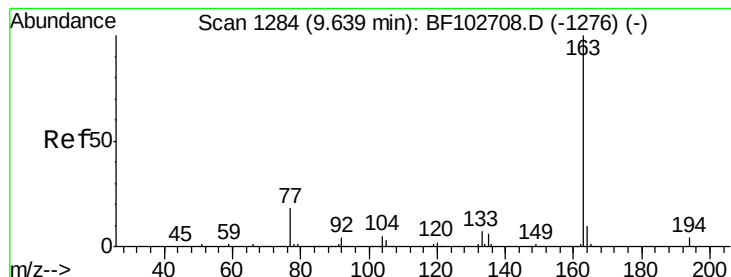
Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 33.073 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

ClientSampled :

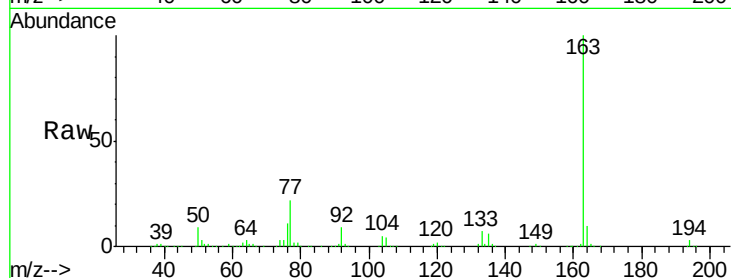
Tot Ion:163 Resp: 854259

Ion Ratio Lower Upper

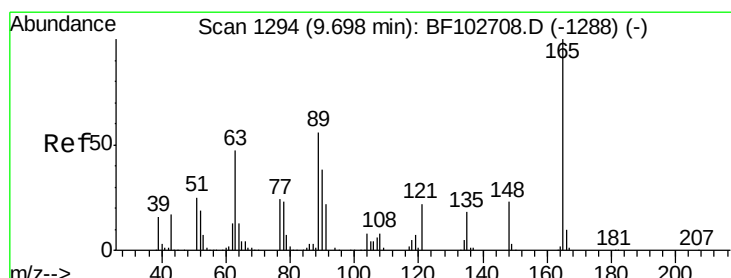
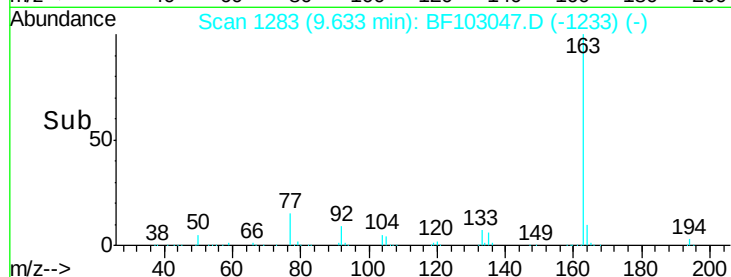
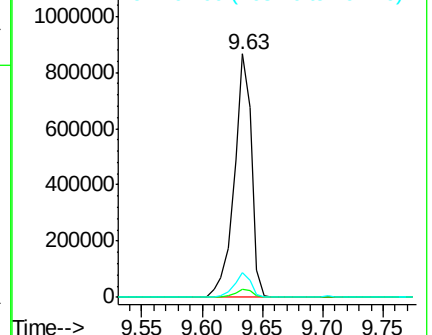
163 100

194 3.2 2.7 4.1

164 10.3 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 37.651 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

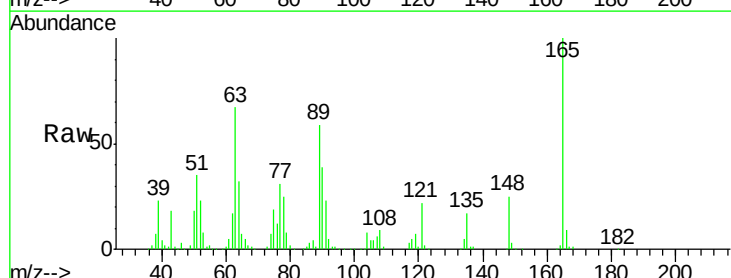
Tgt Ion:165 Resp: 185025

Ion Ratio Lower Upper

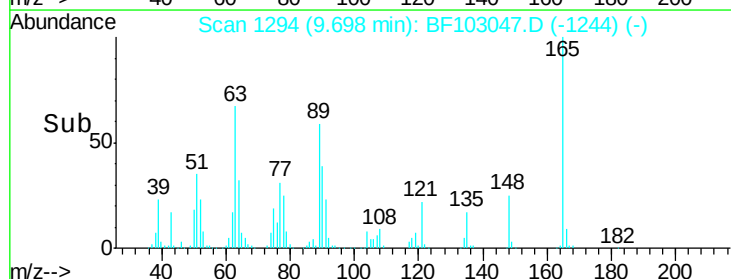
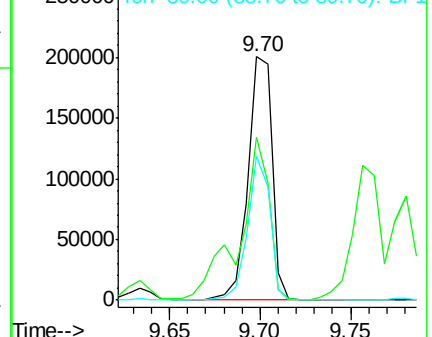
165 100

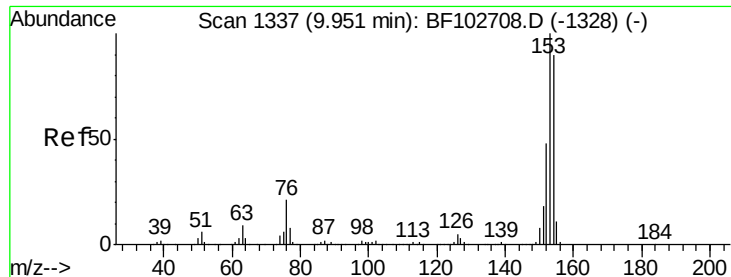
63 66.9 44.7 67.1

89 59.1 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: 30.133 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

ClientSampleId :

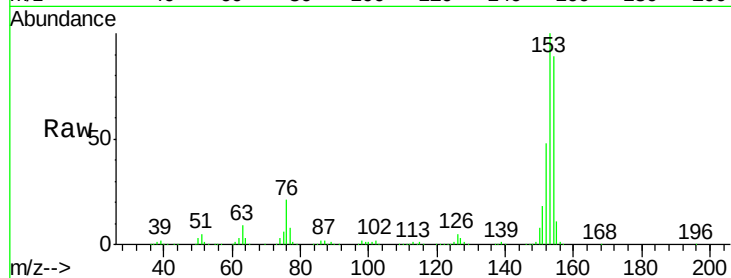
Tot Ion:154 Resp: 614814

Ion Ratio Lower Upper

154 100

153 112.7 91.2 136.8

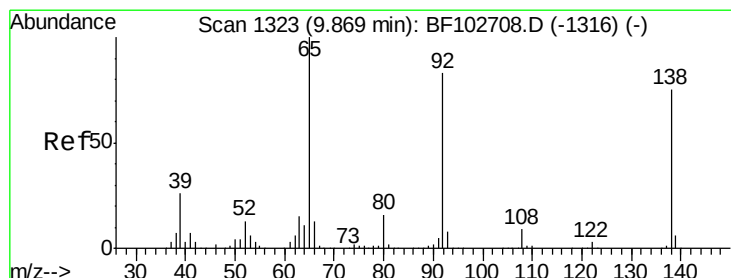
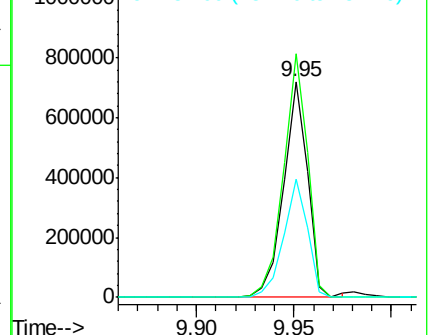
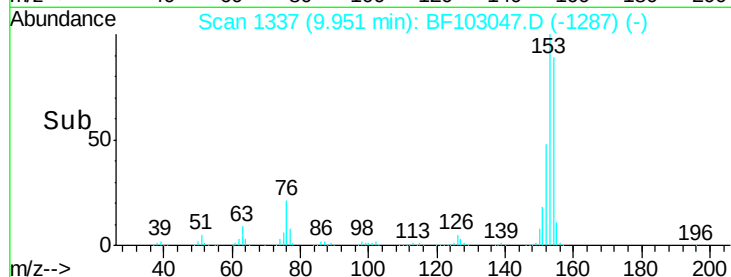
152 54.6 43.8 65.8



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: 25.397 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

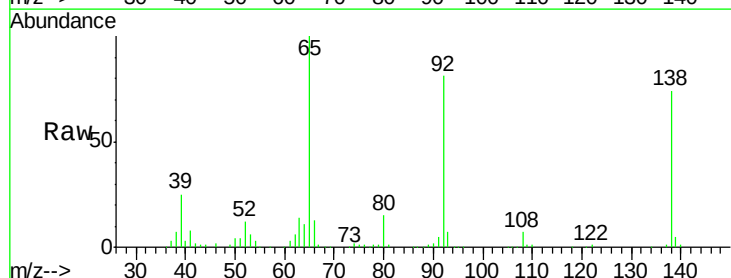
Tgt Ion:138 Resp: 153565

Ion Ratio Lower Upper

138 100

108 9.3 9.4 14.0#

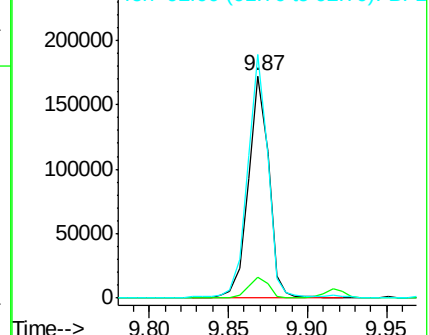
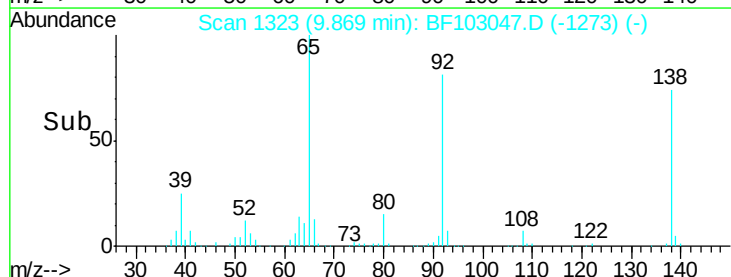
92 109.7 89.4 134.2

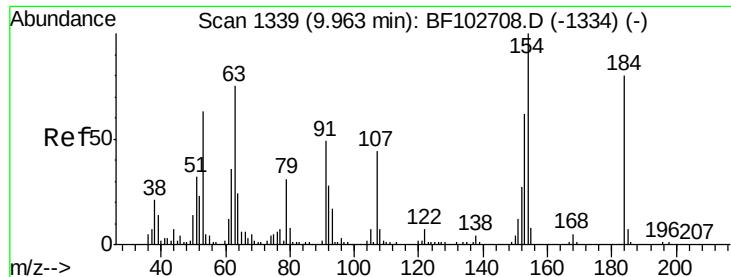


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

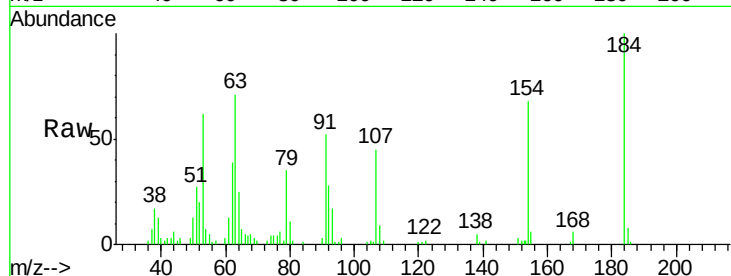




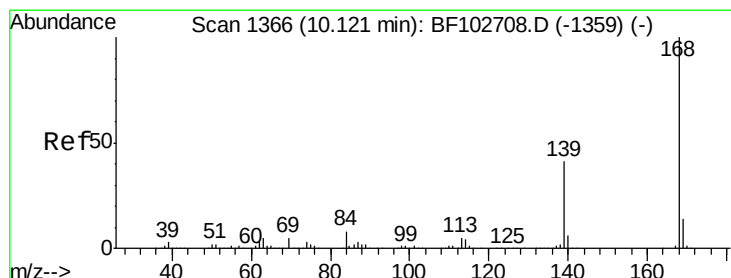
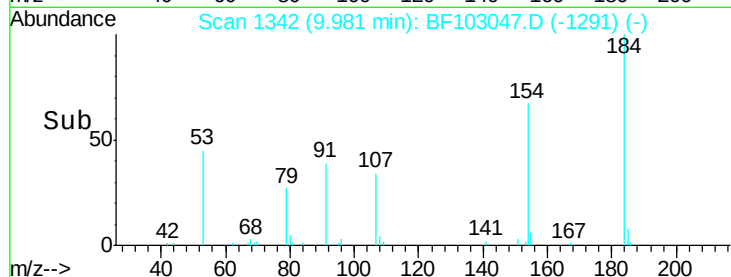
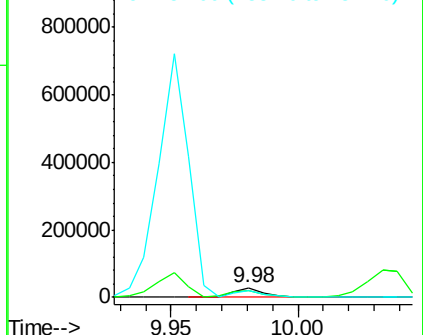
#53
2,4-Dinitrophenol
Concen: 30.854 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 26494
Ion Ratio Lower Upper
184 100
63 71.4 54.2 81.2
154 68.1 184.0 276.0#

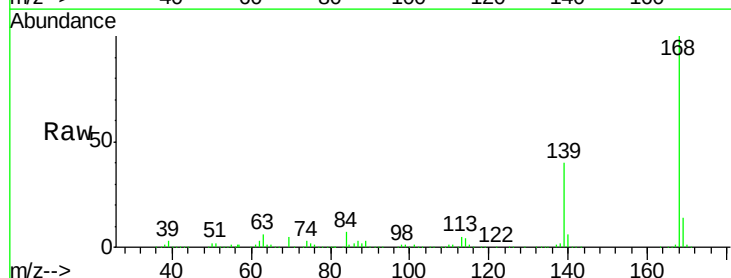


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

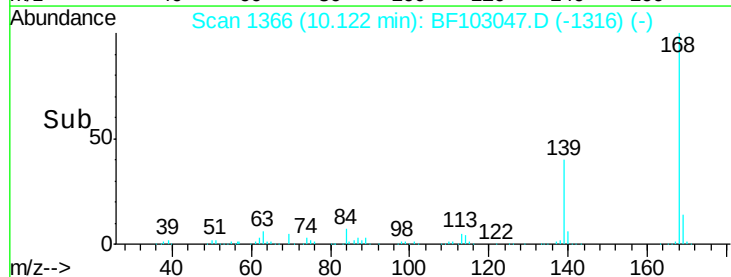
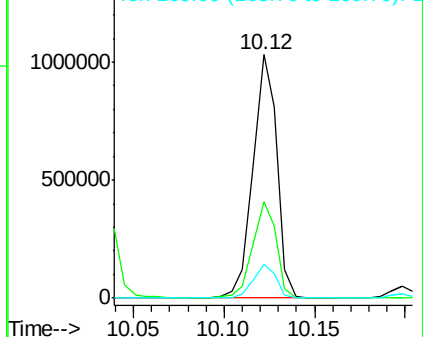


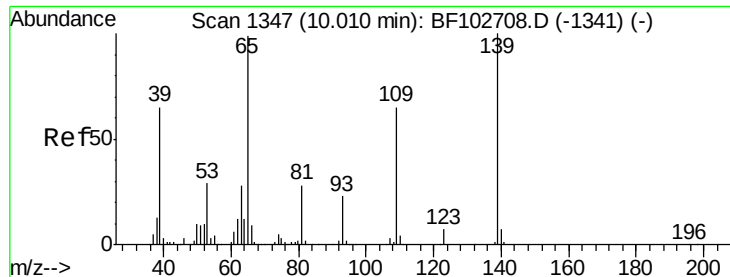
#54
Dibenzofuran
Concen: 32.788 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion:168 Resp: 942788
Ion Ratio Lower Upper
168 100
139 39.8 30.1 45.1
169 13.8 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

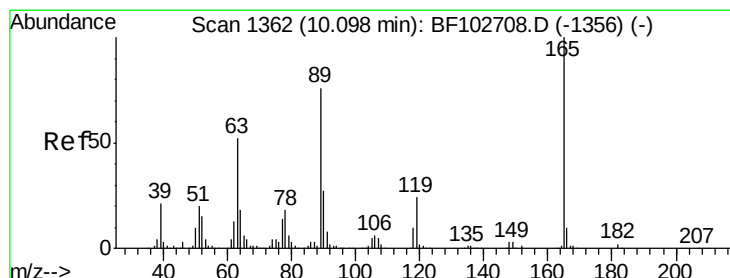
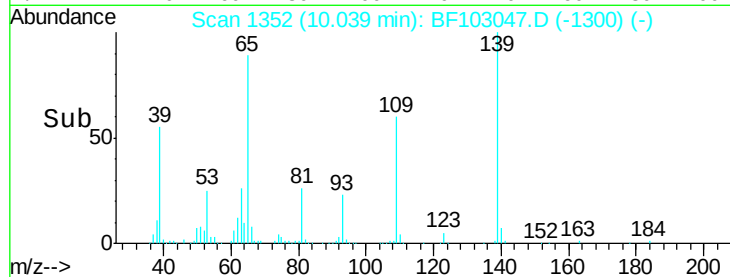
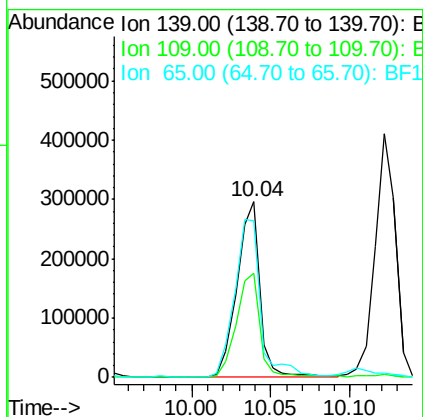
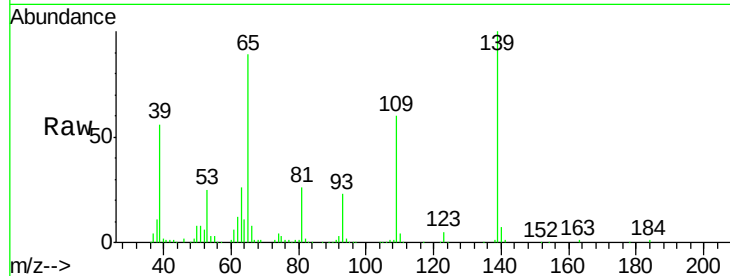




#55
4-Nitrophenol
Concen: 60.887 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

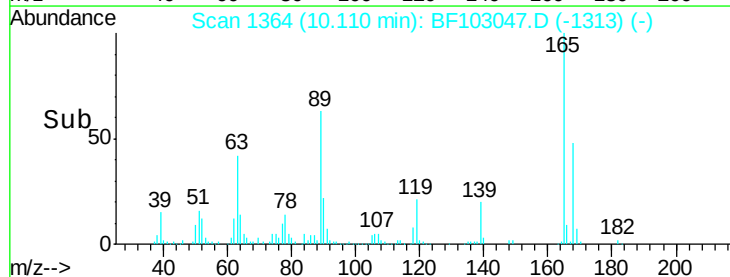
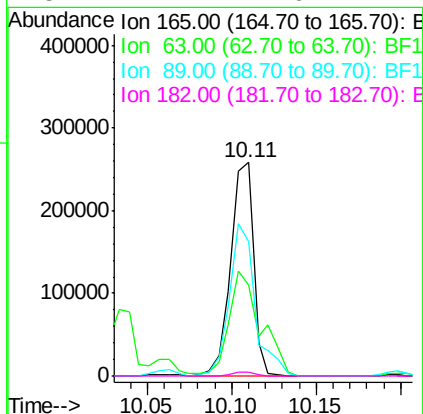
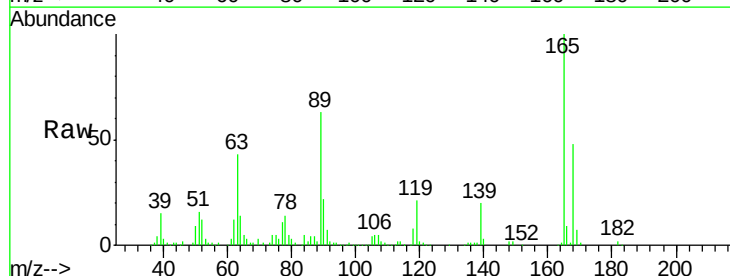
Instrument :
BNA_F
ClientSampleId :

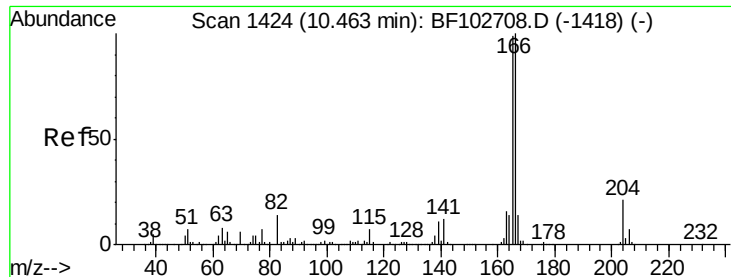
Tot Ion:139 Resp: 297516
Ion Ratio Lower Upper
139 100
109 59.6 48.4 88.4
65 89.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 37.495 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion:165 Resp: 242373
Ion Ratio Lower Upper
165 100
63 42.6 36.4 54.6
89 62.7 57.8 86.6
182 2.1 1.6 2.4

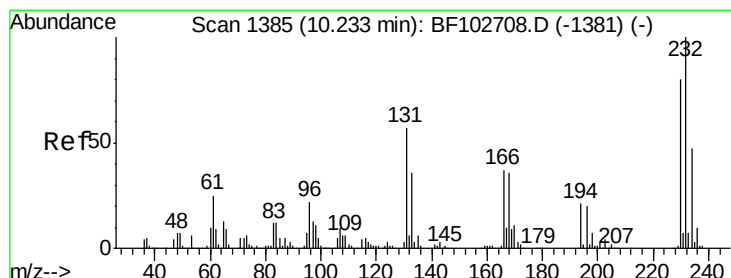
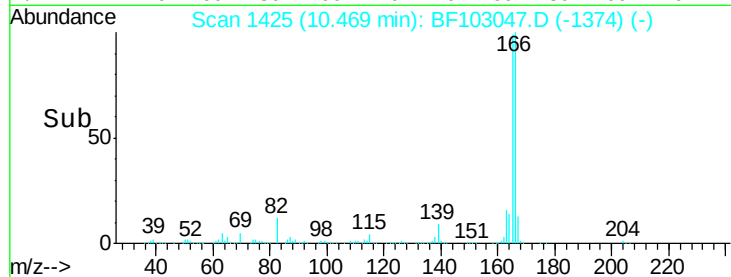
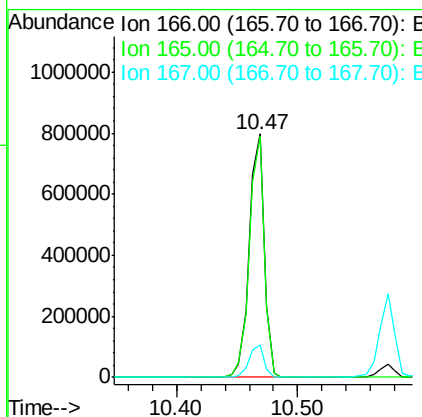
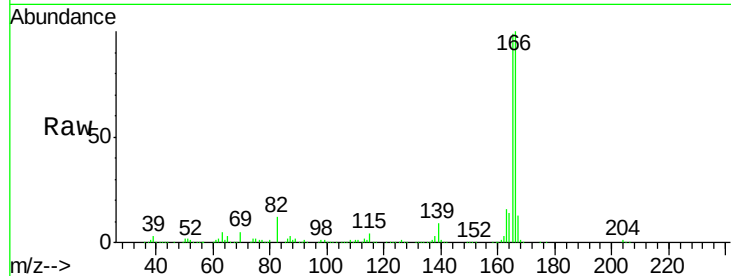




#57
 Fluorene
 Concen: 33.455 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

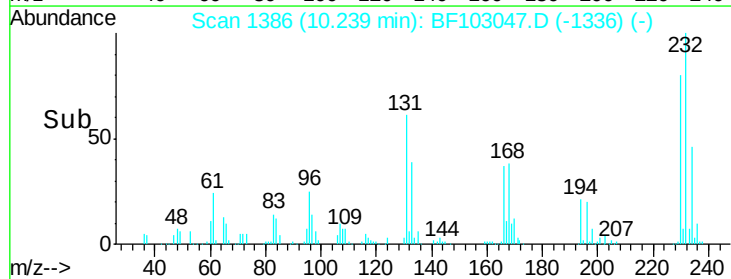
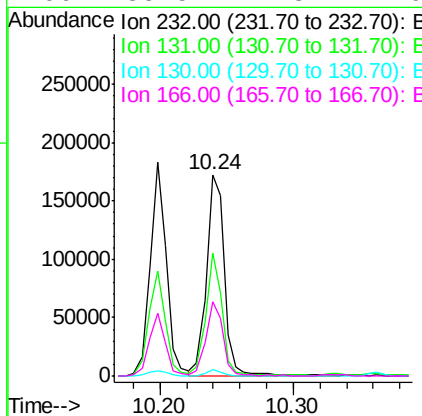
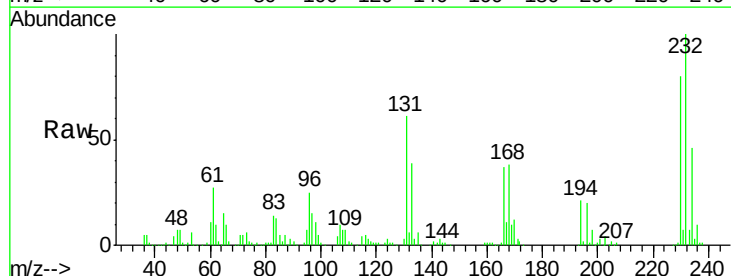
Instrument :
 BNA_F
 ClientSampleId :

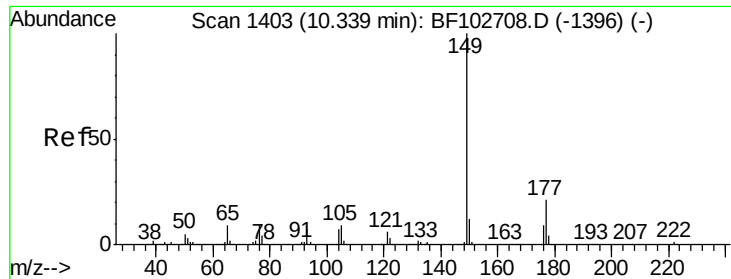
Tot Ion:166 Resp: 699900
 Ion Ratio Lower Upper
 166 100
 165 99.1 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.795 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Tgt Ion:232 Resp: 161034
 Ion Ratio Lower Upper
 232 100
 131 54.3 43.8 65.8
 130 2.5 2.1 3.1
 166 35.5 27.8 41.6

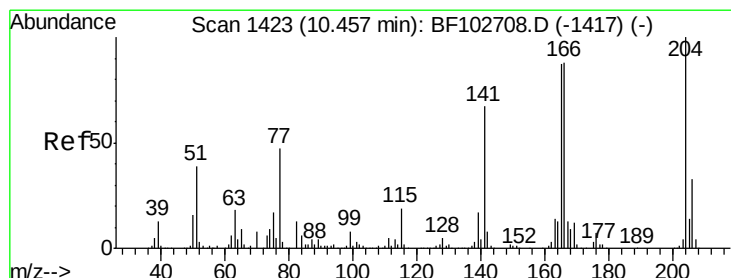
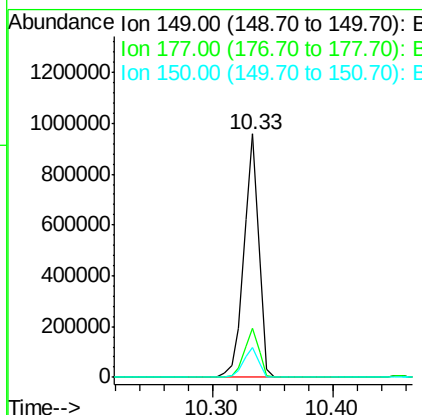
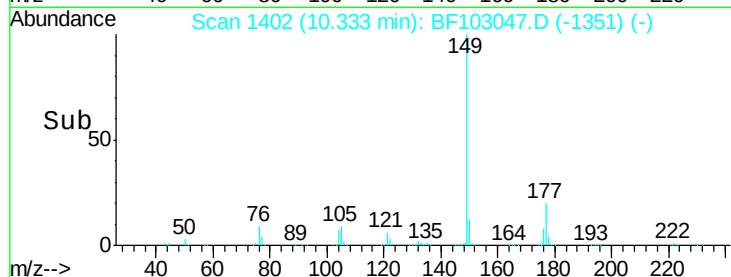
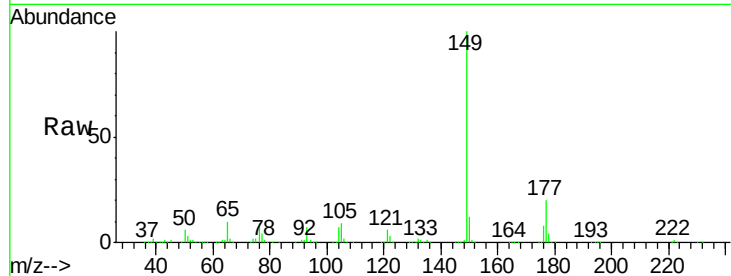




#59
Diethylphthalate
Concen: 32.301 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

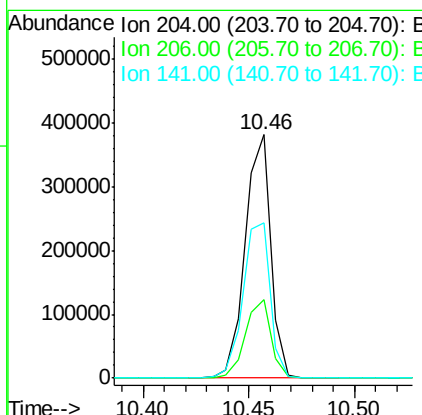
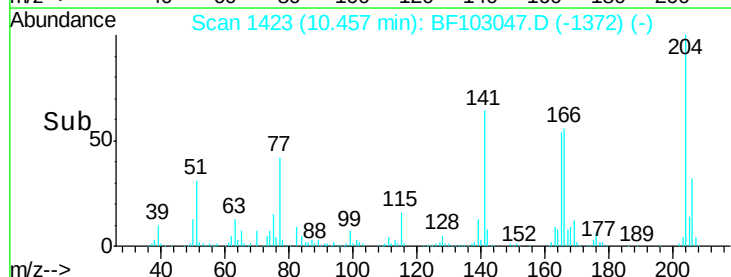
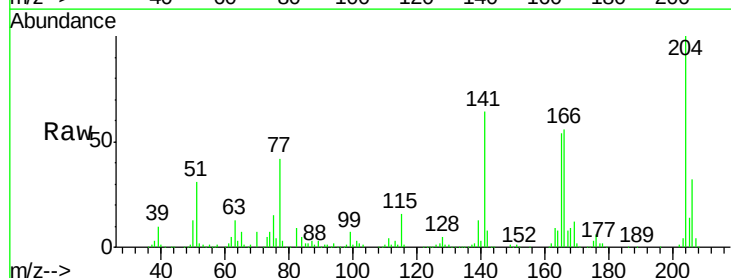
Instrument :
BNA_F
ClientSampleId :

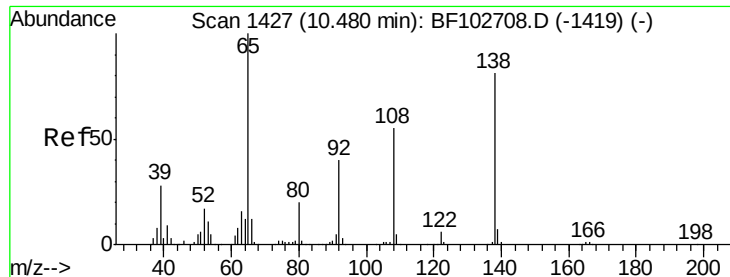
Tot Ion:149 Resp: 823810
Ion Ratio Lower Upper
149 100
177 20.3 16.1 24.1
150 12.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 34.669 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion:204 Resp: 320852
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 63.6 54.6 81.8





#61

4-Nitroaniline

Concen: 32.826 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

ClientSampled :

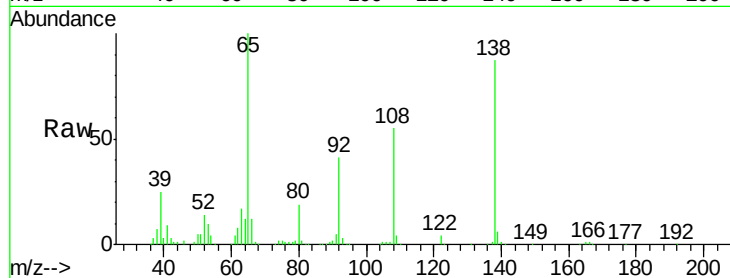
Tot Ion:138 Resp: 188931

Ion Ratio Lower Upper

138 100

92 47.6 30.2 70.2

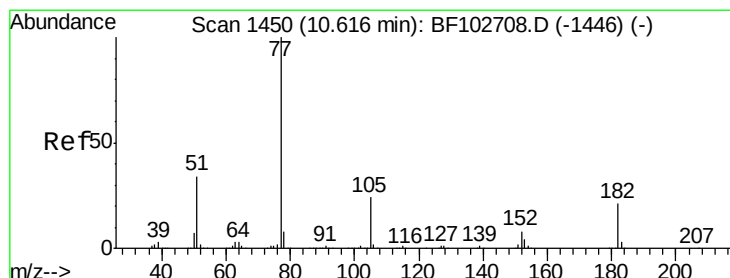
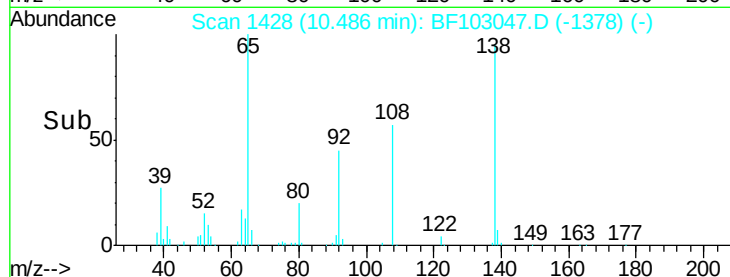
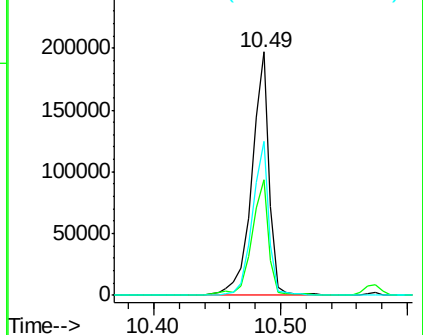
108 63.0 52.5 92.5



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: 31.646 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Tgt Ion: 77 Resp: 806320

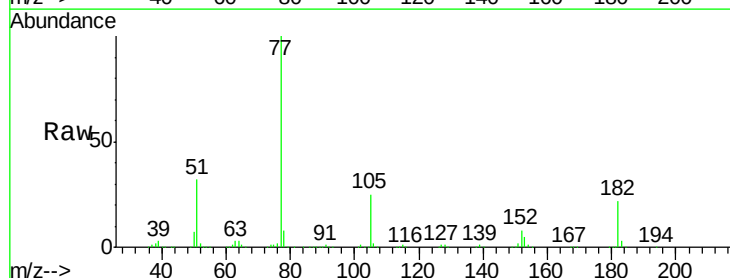
Ion Ratio Lower Upper

77 100

182 22.0 1.7 41.7

105 24.9 3.0 43.0

51 32.4 9.9 49.9

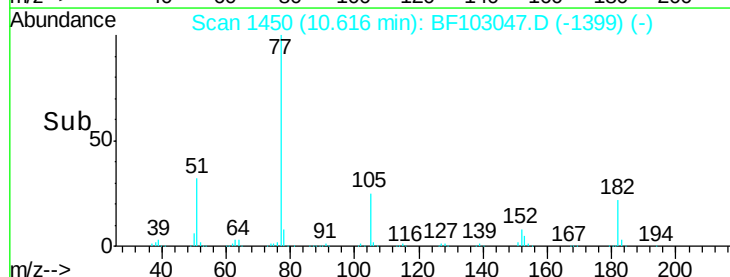
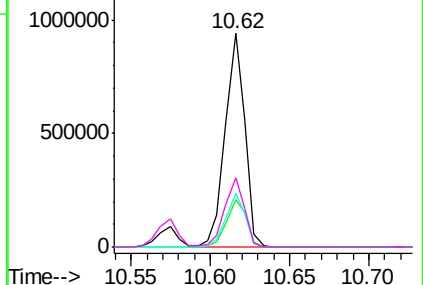


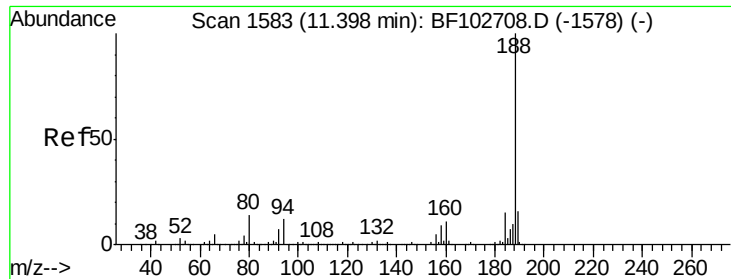
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

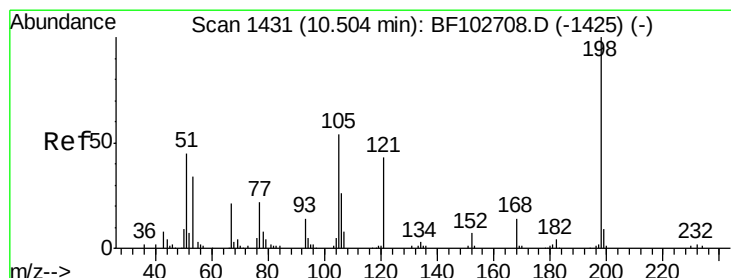
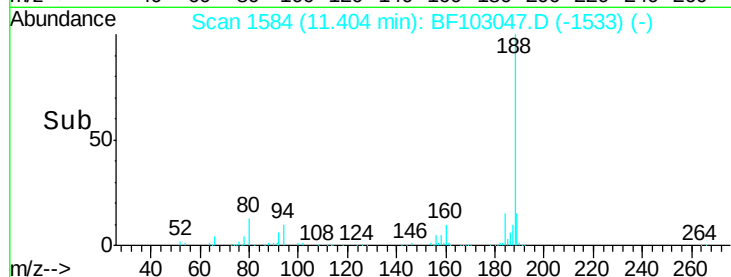
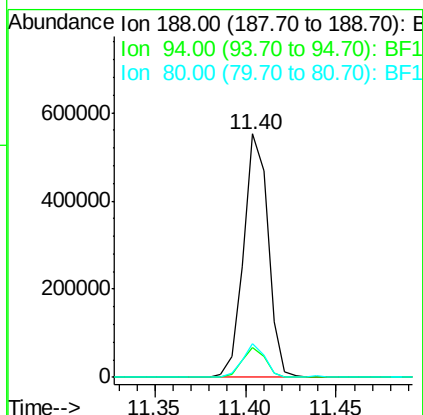
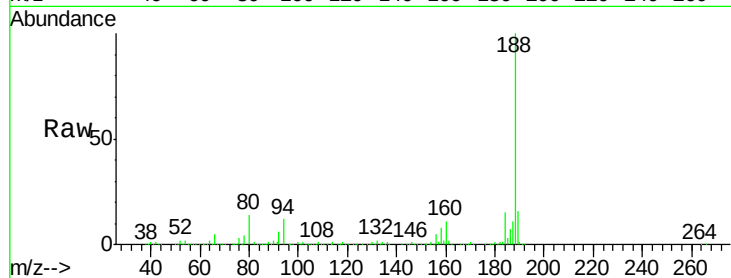




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

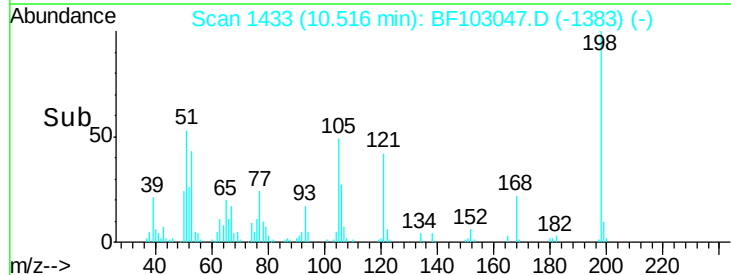
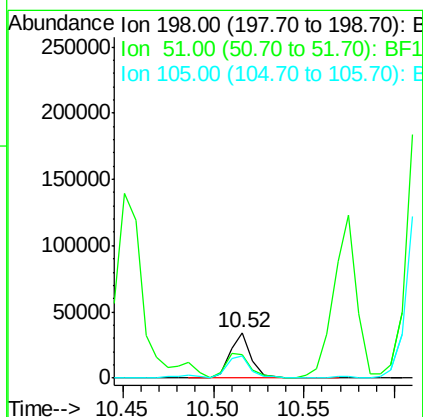
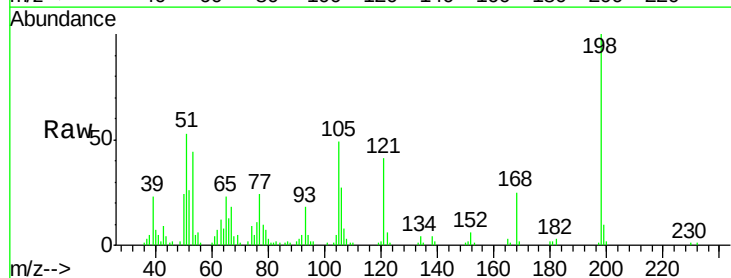
Instrument :
BNA_F
ClientSampleId :

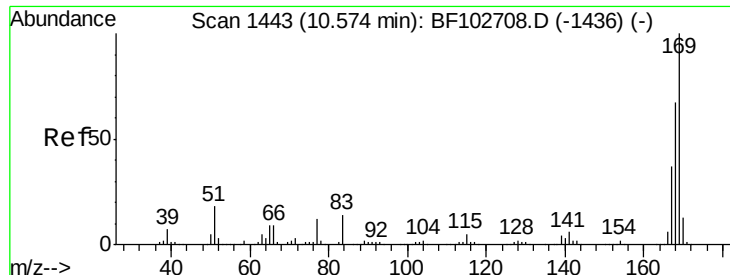
Tot Ion:188 Resp: 519556
Ion Ratio Lower Upper
188 100
94 12.3 8.5 12.7
80 13.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 20.338 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion:198 Resp: 27995
Ion Ratio Lower Upper
198 100
51 52.6 37.7 77.7
105 49.5 36.3 76.3

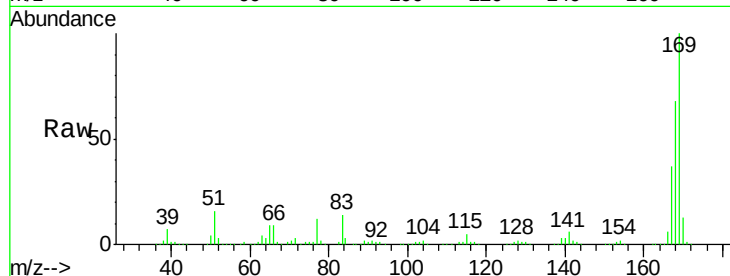




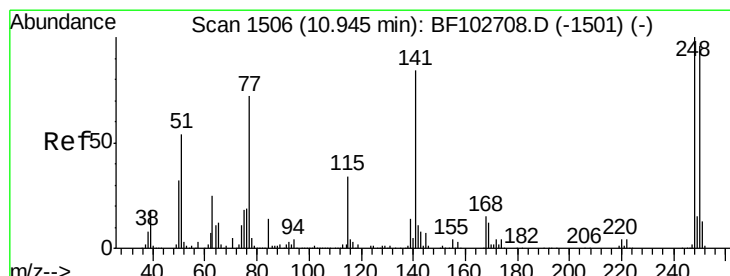
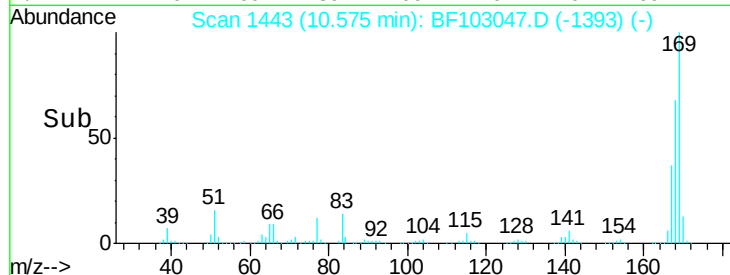
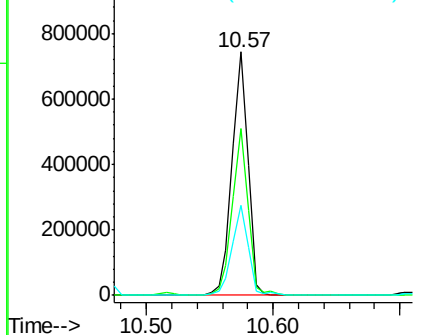
#65
 n-Nitrosodiphenylamine
 Concen: 35.086 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 642993
 Ion Ratio Lower Upper
 169 100
 168 68.5 54.4 81.6
 167 37.1 29.8 44.6

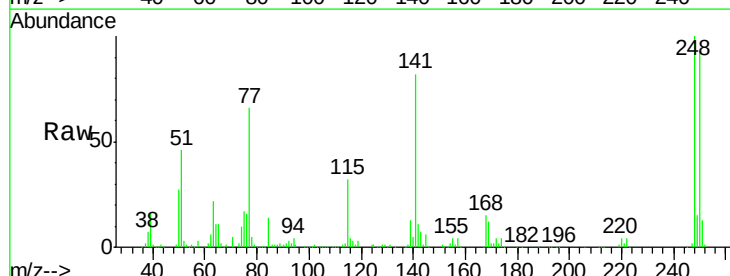


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

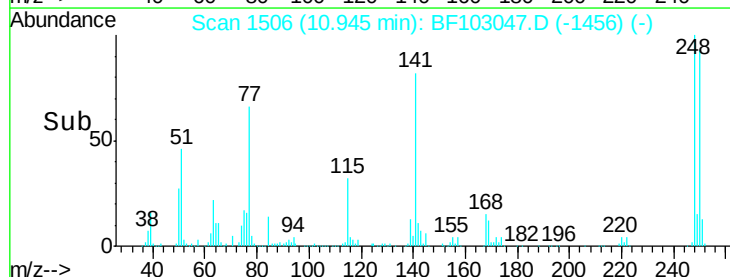
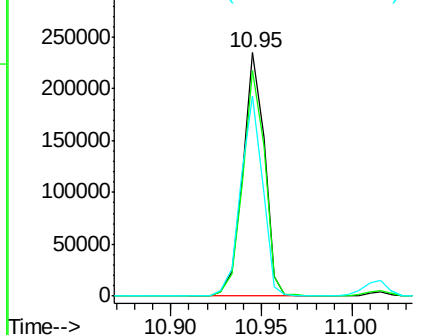


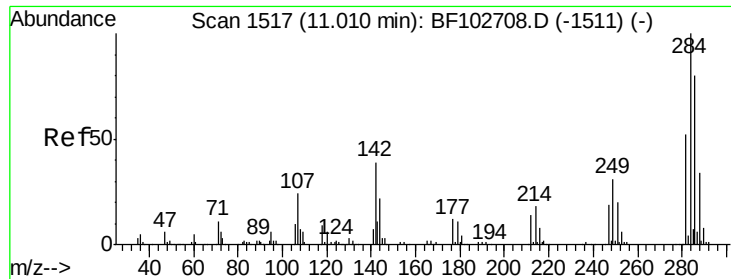
#66
 4-Bromophenyl-phenylether
 Concen: 35.571 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Tgt Ion:248 Resp: 195495
 Ion Ratio Lower Upper
 248 100
 250 92.9 76.9 115.3
 141 81.9 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: 32.186 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

ClientSampleId :

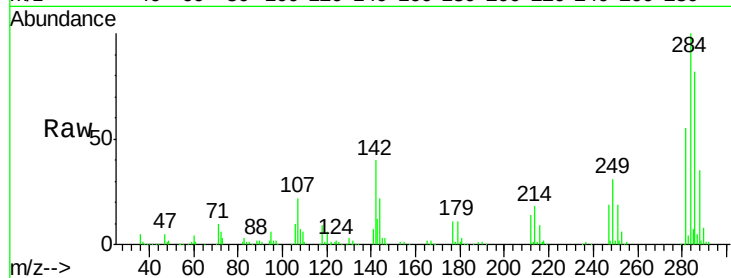
Tot Ion:284 Resp: 195148

Ion Ratio Lower Upper

284 100

142 39.5 34.6 52.0

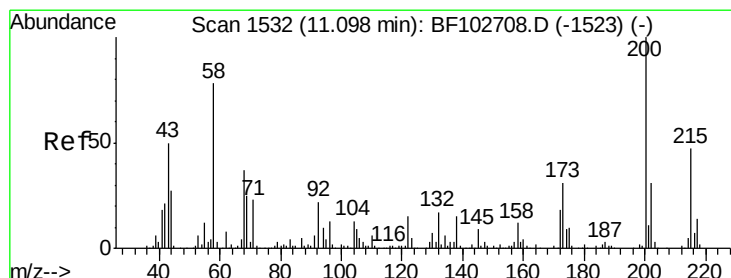
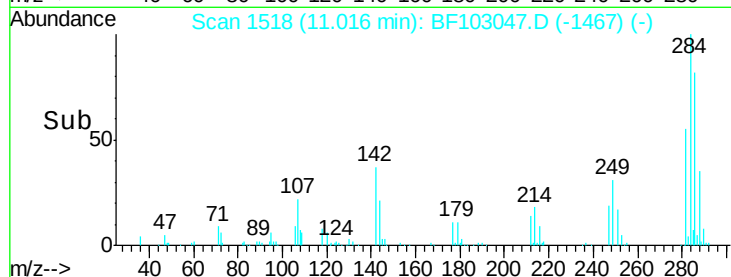
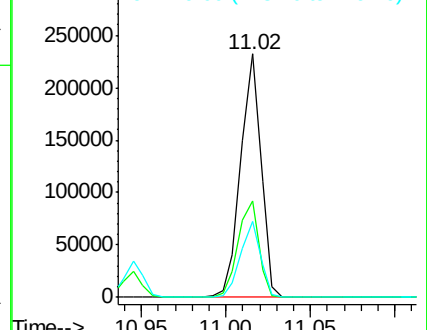
249 31.4 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.070 ng

RT: 11.10 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

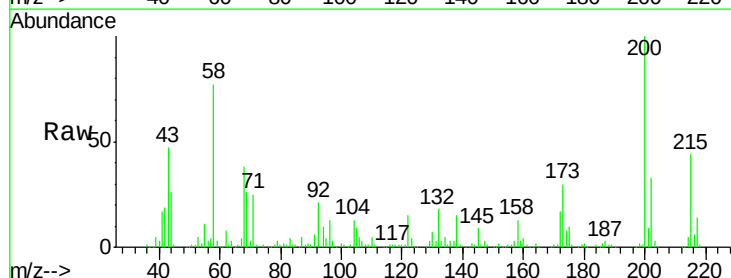
Tgt Ion:200 Resp: 195010

Ion Ratio Lower Upper

200 100

173 30.4 8.6 48.6

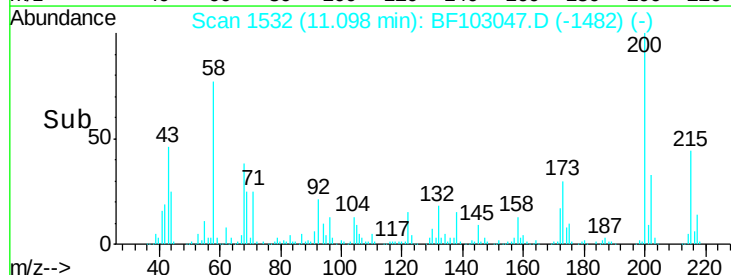
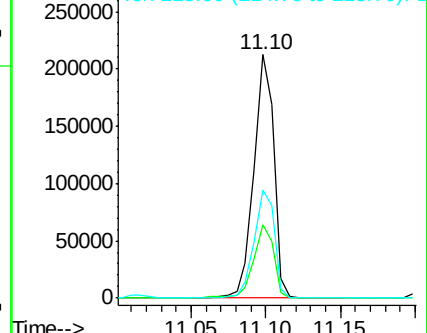
215 44.3 25.1 65.1

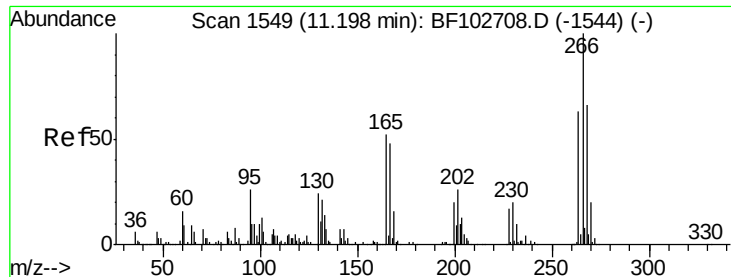


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

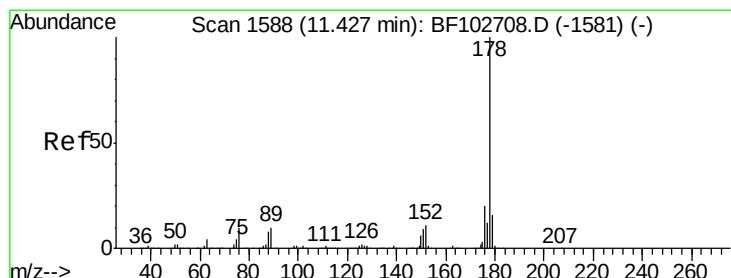
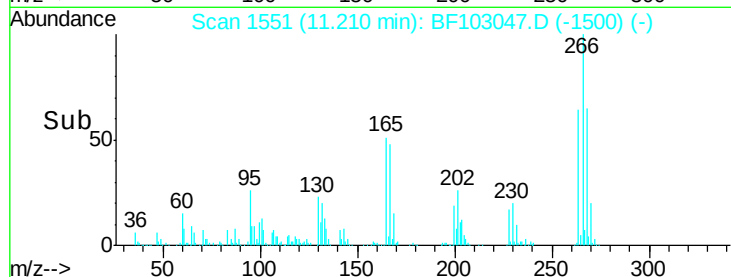
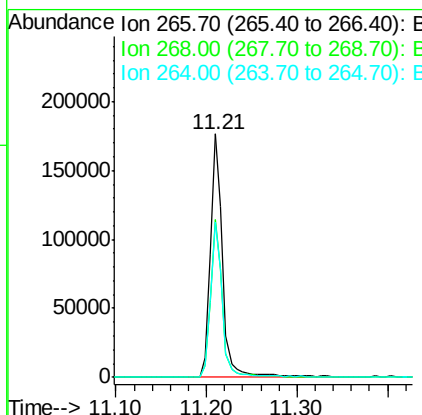
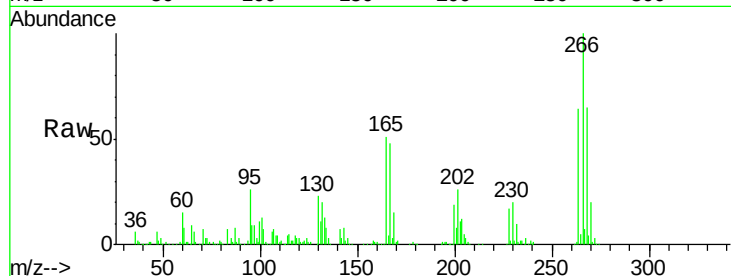




#69
 Pentachlorophenol
 Concen: 47.513 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

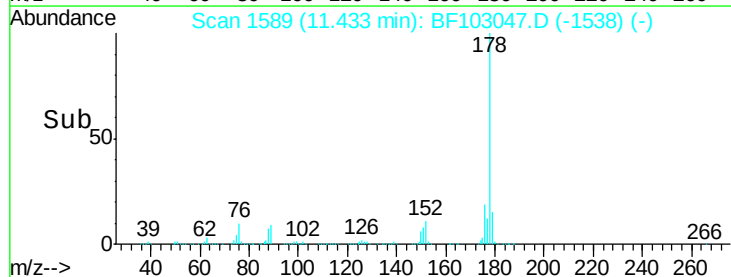
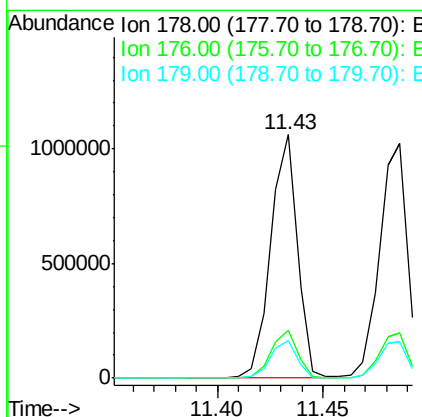
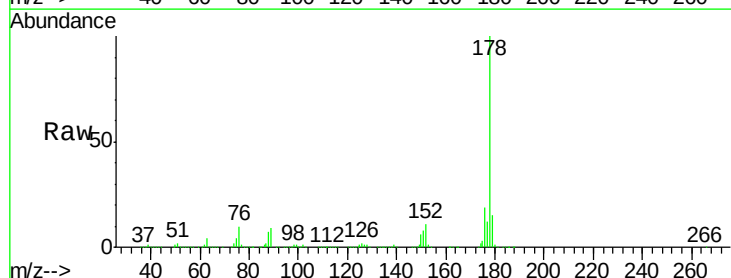
Instrument :
 BNA_F
 ClientSampleId :

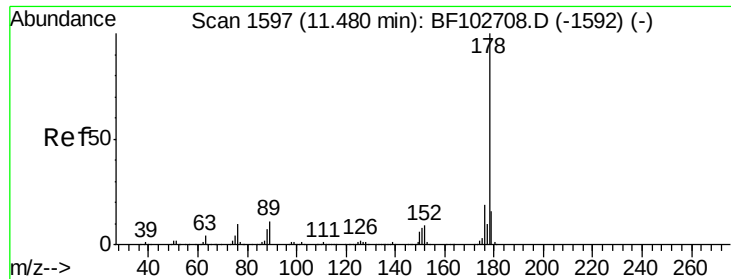
Tot Ion:266 Resp: 169104
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.1 76.7
 264 63.5 49.5 74.3



#70
 Phenanthrene
 Concen: 32.314 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Tgt Ion:178 Resp: 935038
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.3 13.0 19.6





#71

Anthracene

Concen: 32.546 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

ClientSampleId :

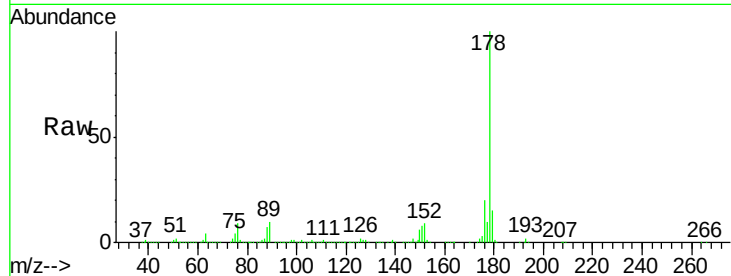
Tot Ion:178 Resp: 957840

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

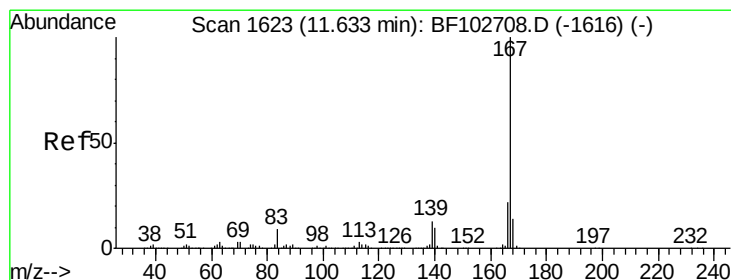
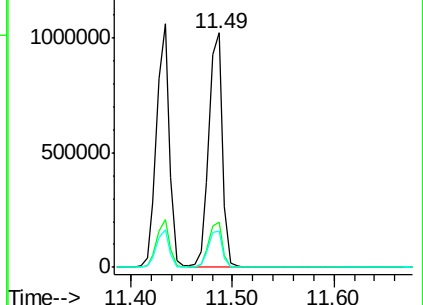
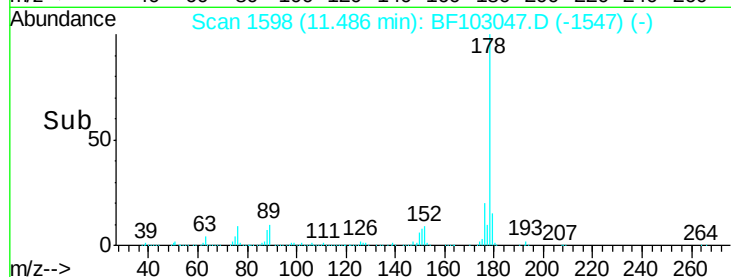
179 15.4 12.6 19.0



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: 31.396 ng

RT: 11.64 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

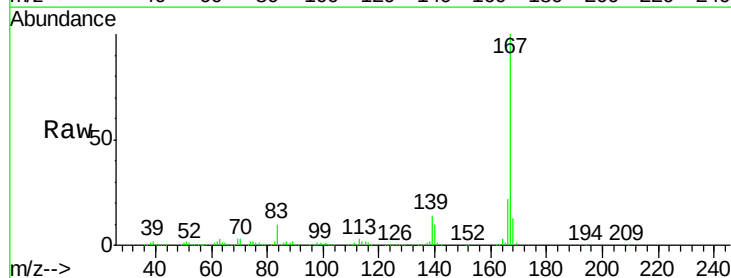
Tgt Ion:167 Resp: 905233

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

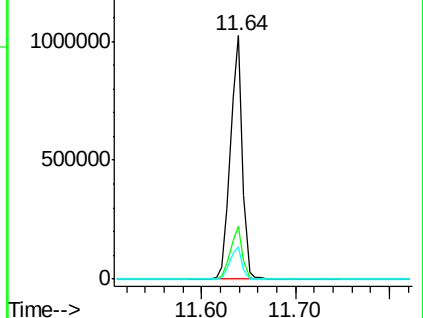
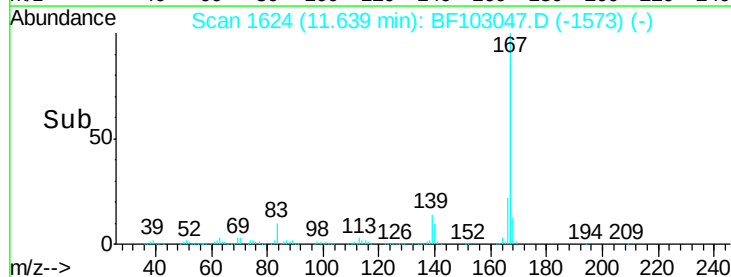
139 13.5 10.9 16.3

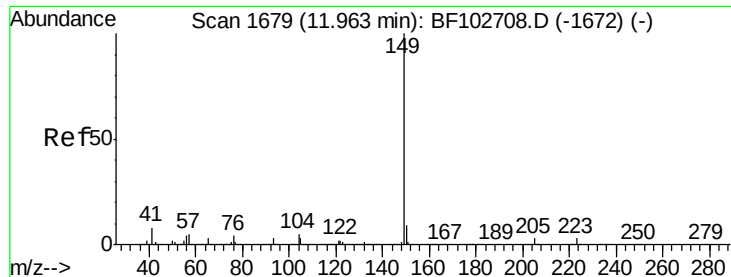


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.739 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

ClientSampleId :

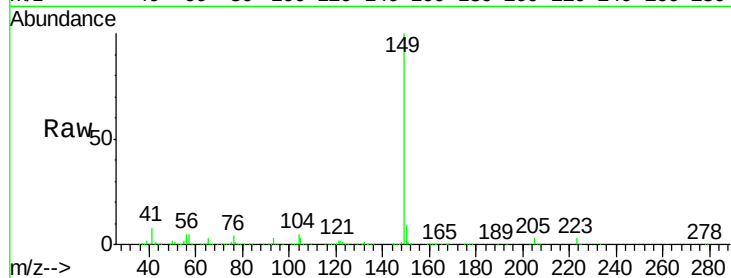
Tot Ion:149 Resp: 1216710

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

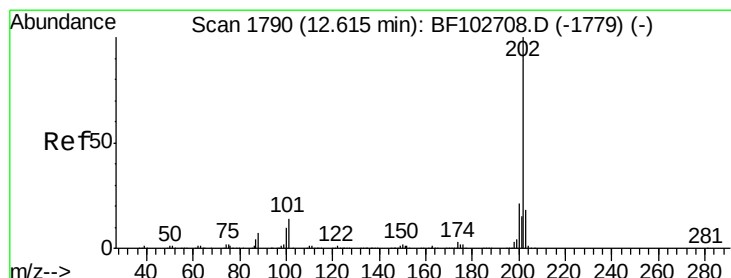
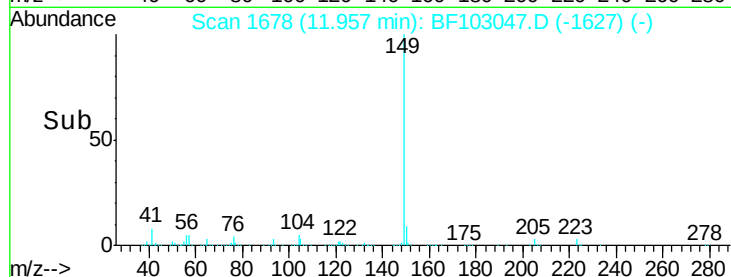
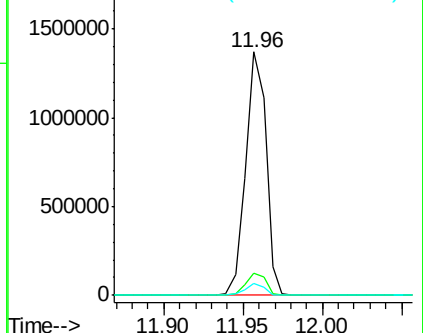
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 29.265 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

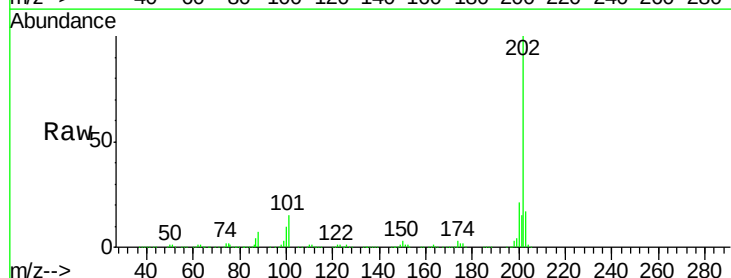
Tgt Ion:202 Resp: 851975

Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.1

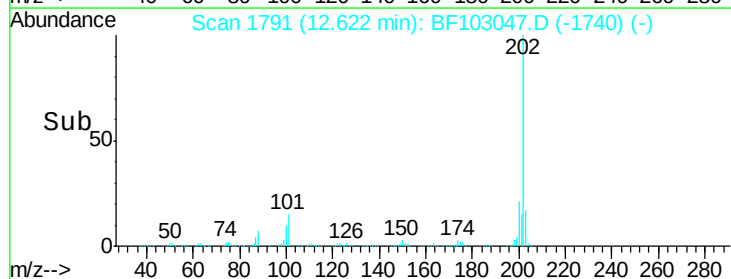
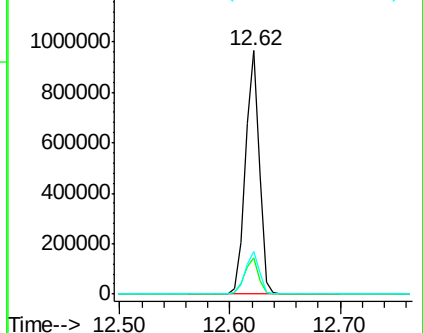
203 17.3 0.0 38.1

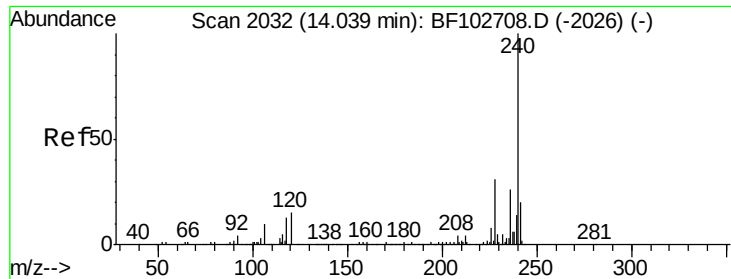


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

ClientSampleId :

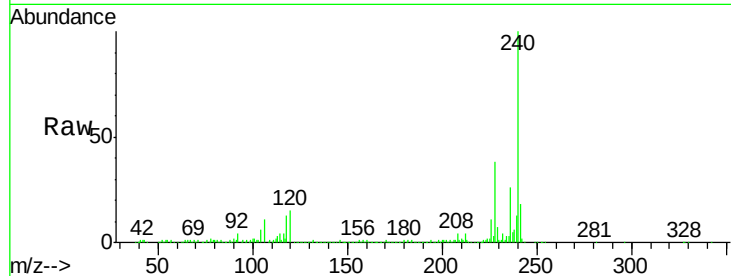
Tot Ion:240 Resp: 328546

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

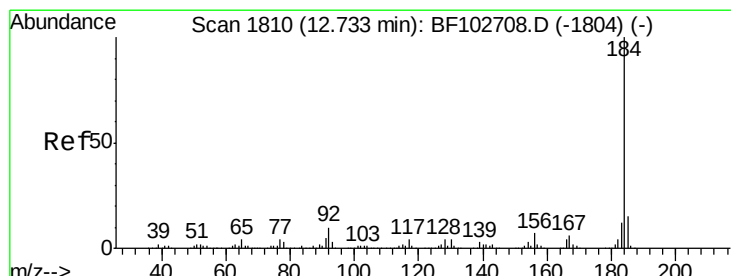
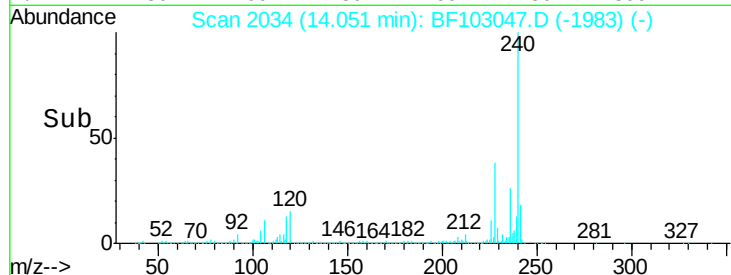
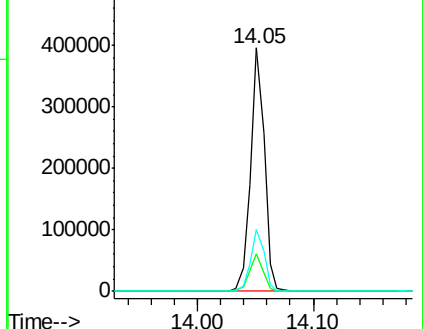
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.909 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

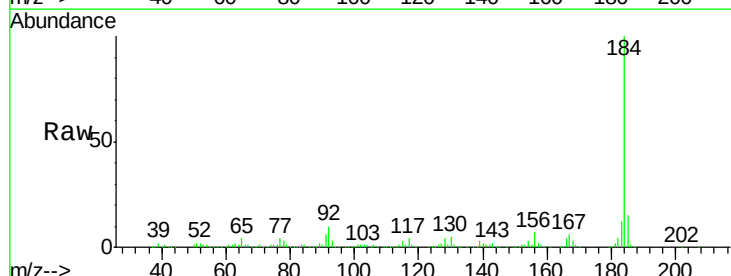
Tgt Ion:184 Resp: 496923

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

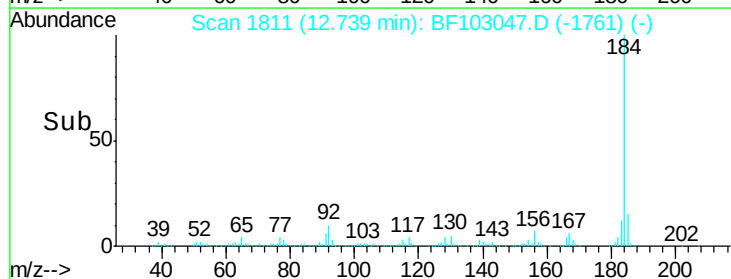
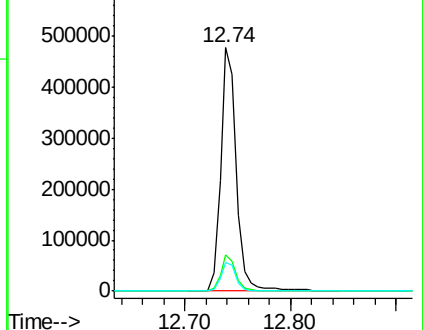
183 11.6 9.3 13.9

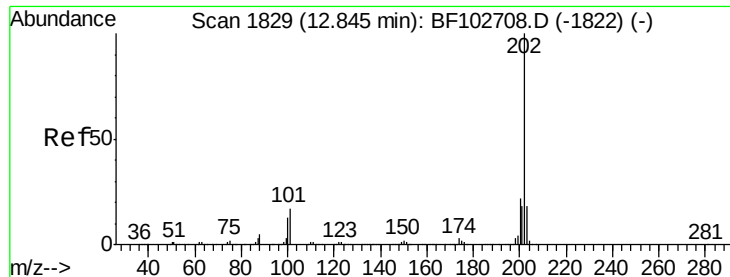


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

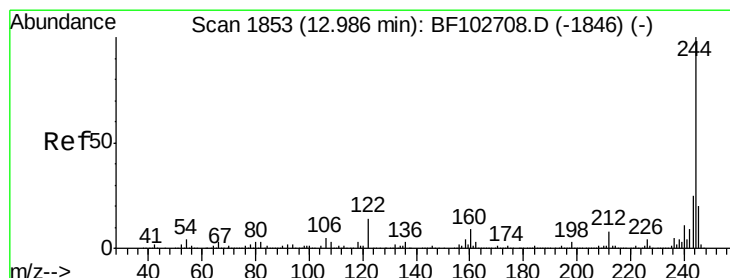
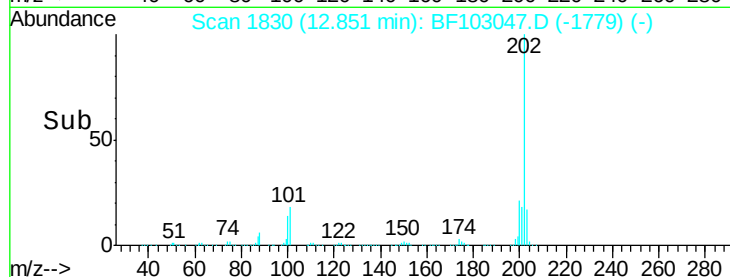
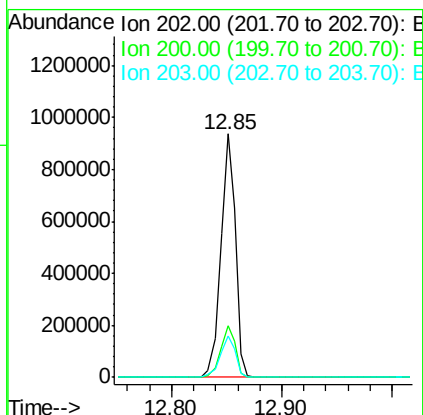
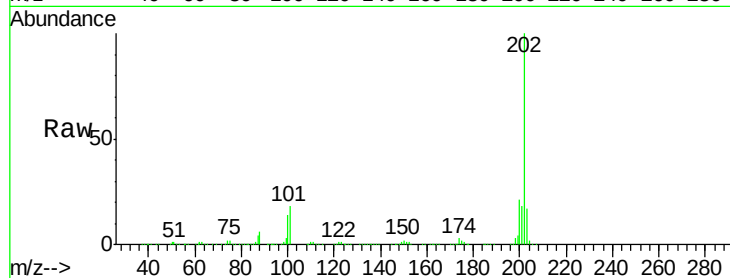




#77
Pvrene
Concen: 33.321 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

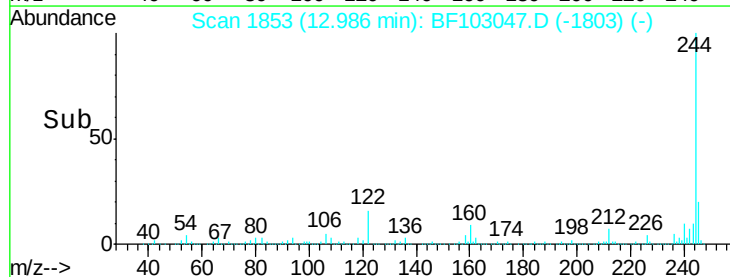
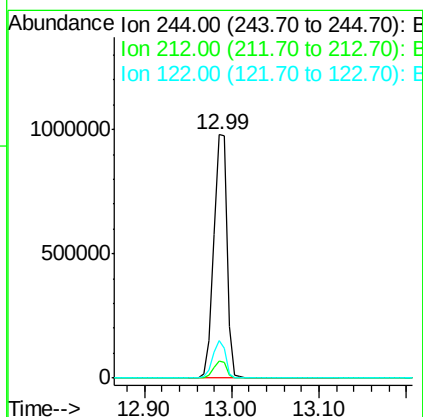
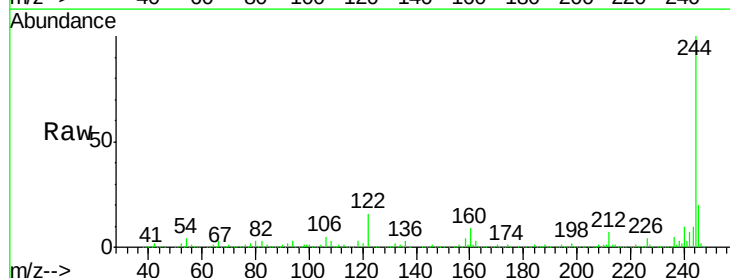
Instrument :
BNA_F
ClientSampleId :

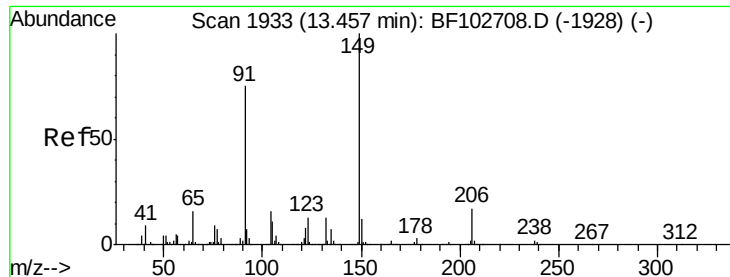
Tot Ion:202 Resp: 858457
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.2 14.3 21.5



#78
Terphenyl-d14
Concen: 74.901 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion:244 Resp: 1039309
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 15.5 11.0 16.4

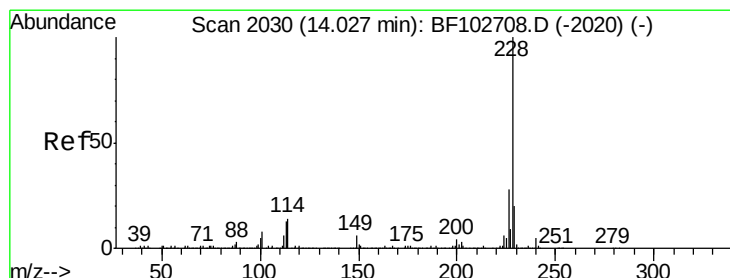
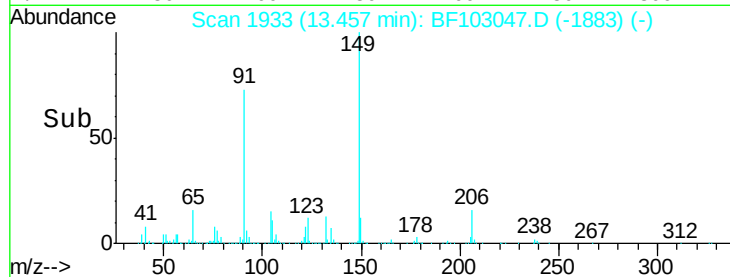
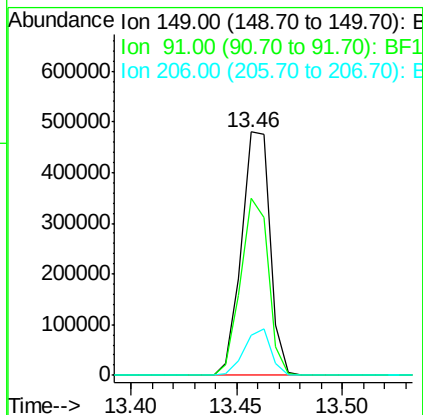
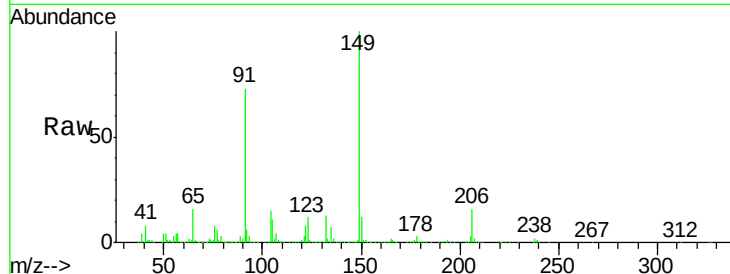




#79
Butylbenzylphthalate
Concen: 36.805 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

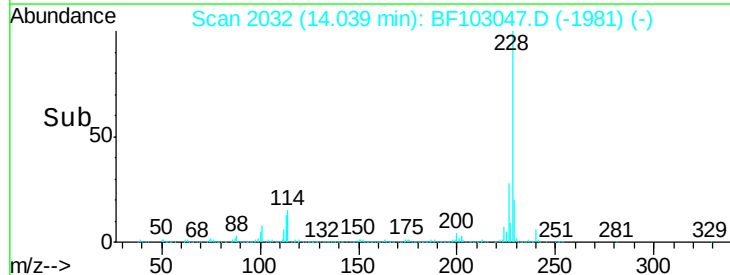
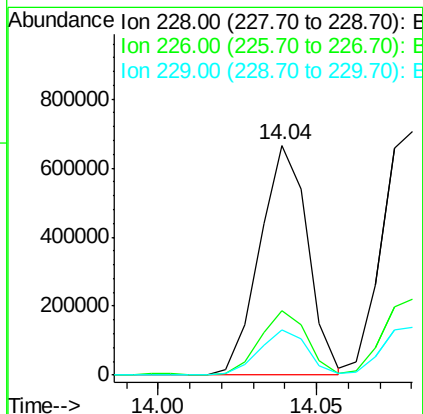
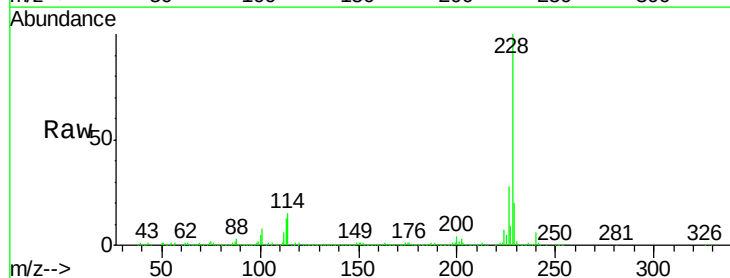
Instrument :
BNA_F
ClientSampleId :

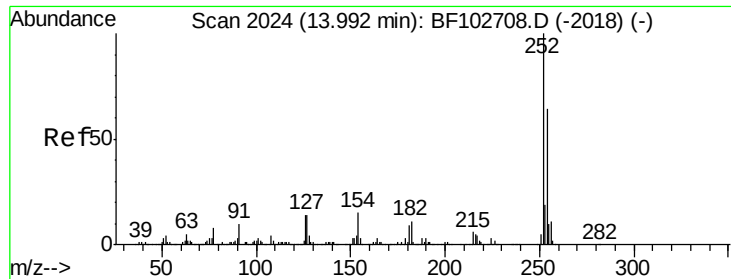
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.8	56.8	85.2
206	16.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 33.691 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.0	15.8	23.6

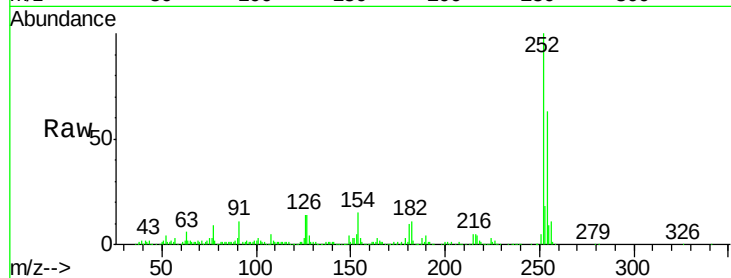




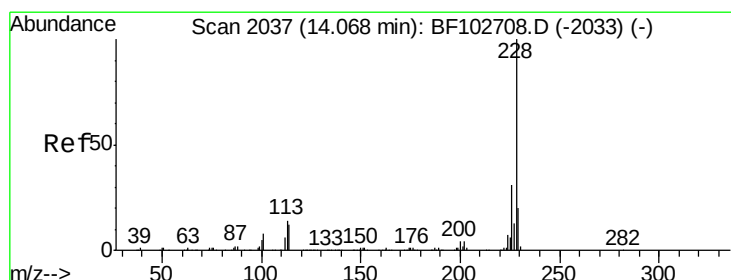
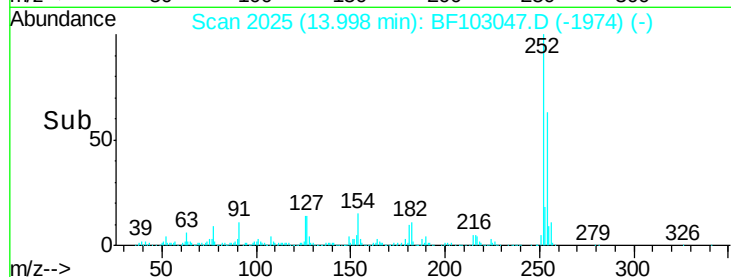
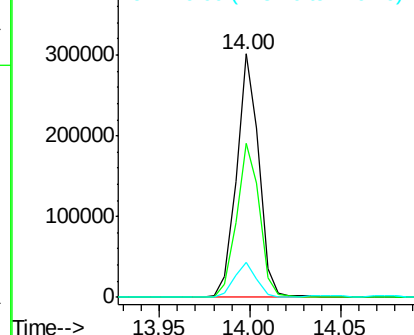
#81
 3,3'-Dichlorobenzidine
 Concen: 33.797 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	50.4	75.6
126	14.4	11.3	16.9

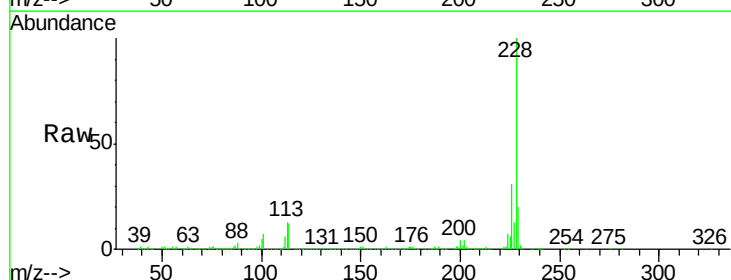


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

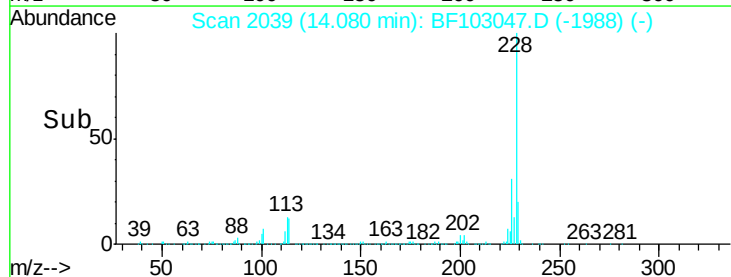
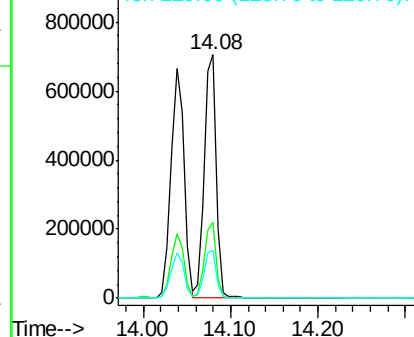


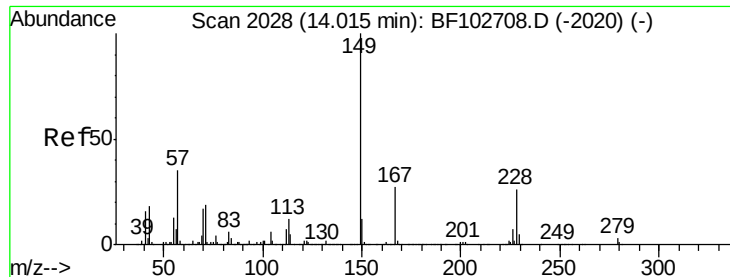
#82
 Chrysene
 Concen: 32.342 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	19.8	16.2	24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.531 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

ClientSampleId :

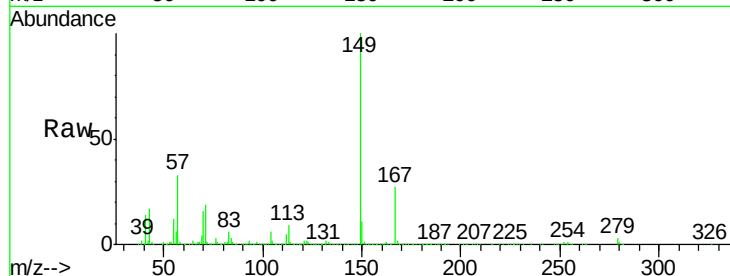
Tot Ion:149 Resp: 623886

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

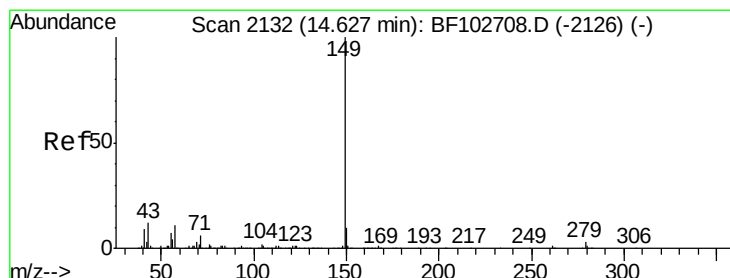
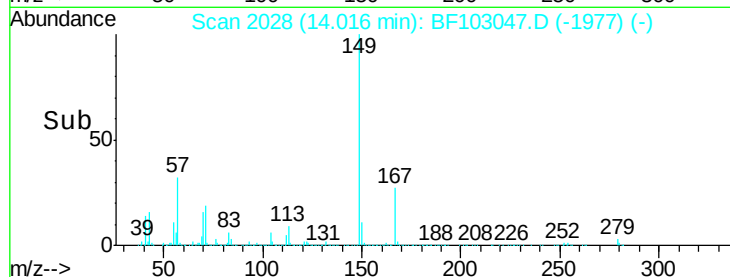
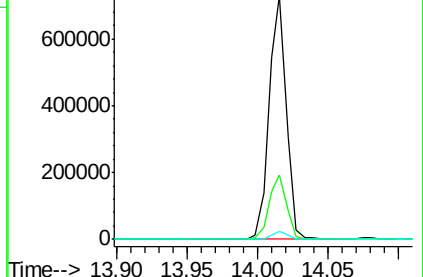
279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.252 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

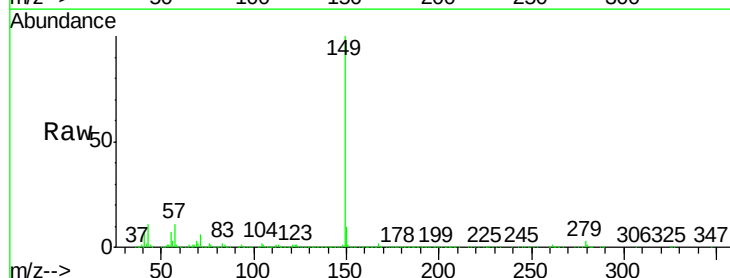
Tgt Ion:149 Resp: 1024957

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

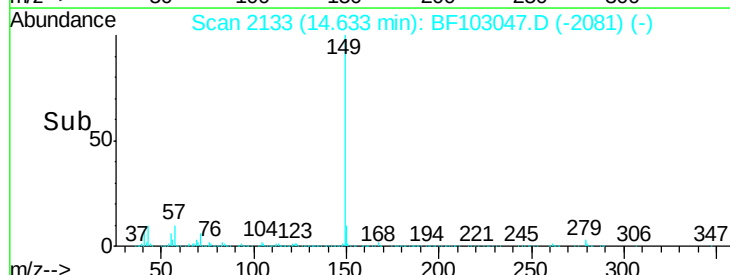
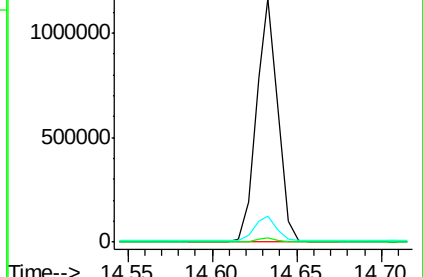
43 10.6 8.4 12.6

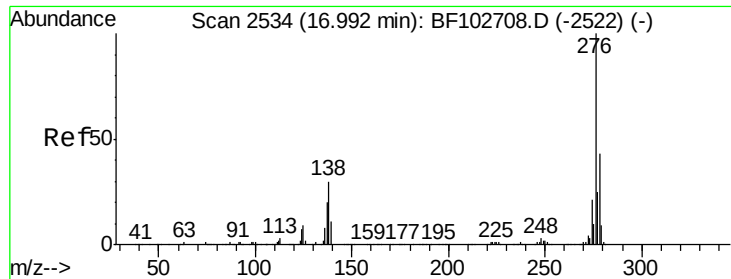


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

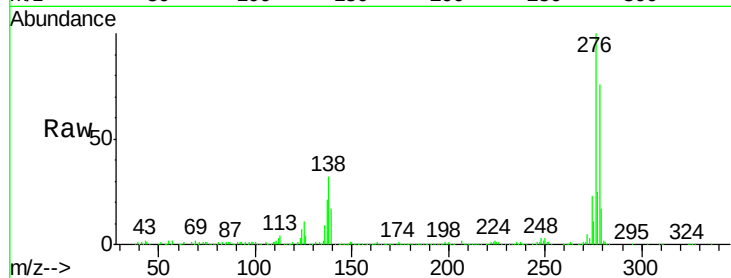




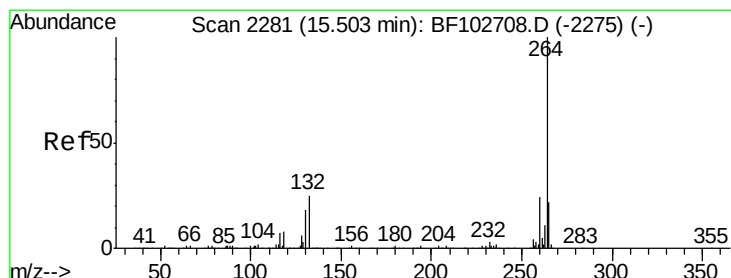
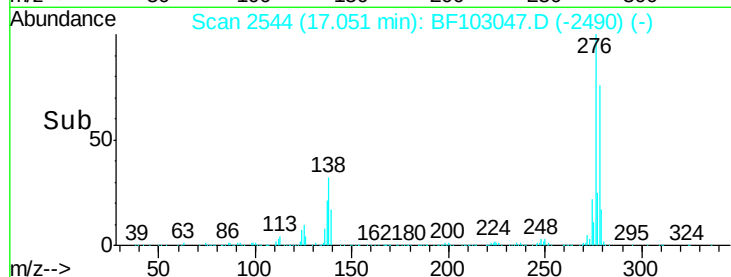
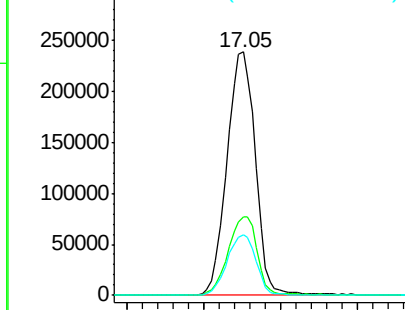
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.747 ng
 RT: 17.05 min Scan# 2544
 Delta R.T. 0.02 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 617525
 Ion Ratio Lower Upper
 276 100
 138 32.7 25.0 37.6
 277 25.5 20.1 30.1

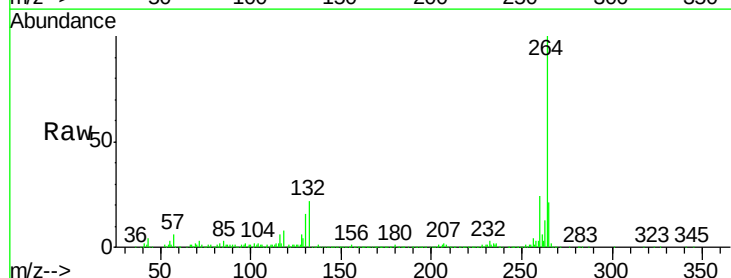


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

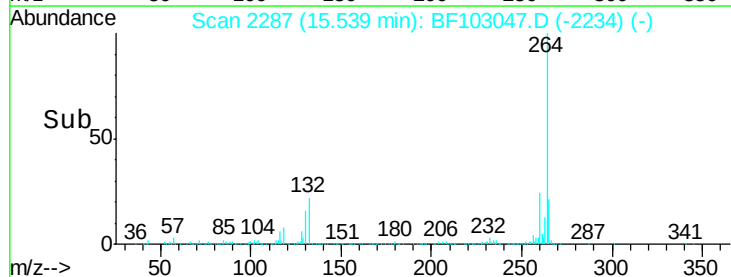
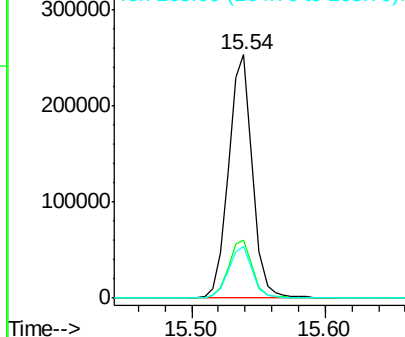


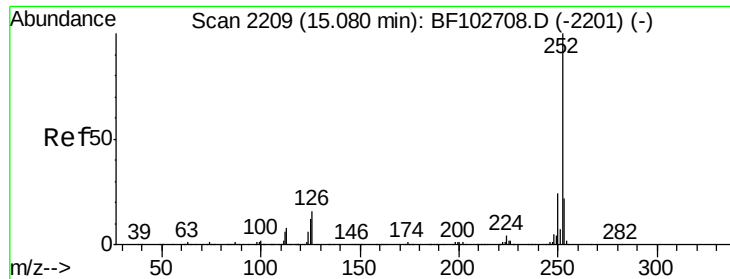
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Tgt Ion:264 Resp: 317274
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.3 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

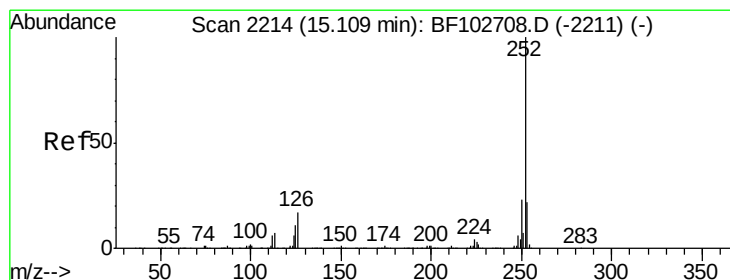
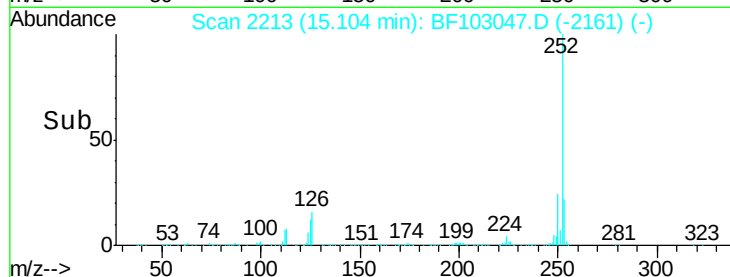
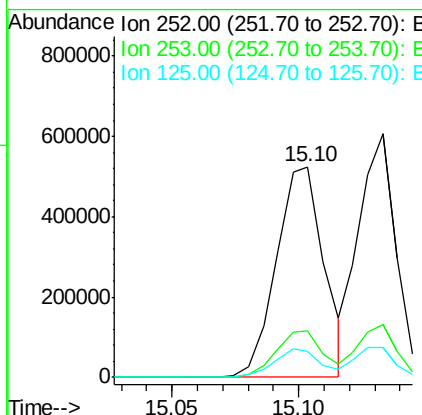
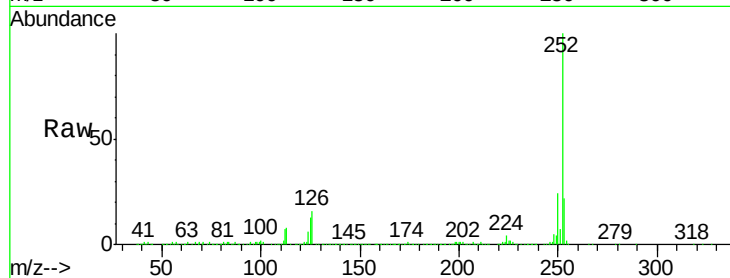




#87
Benzo(b)fluoranthene
Concen: 33.384 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

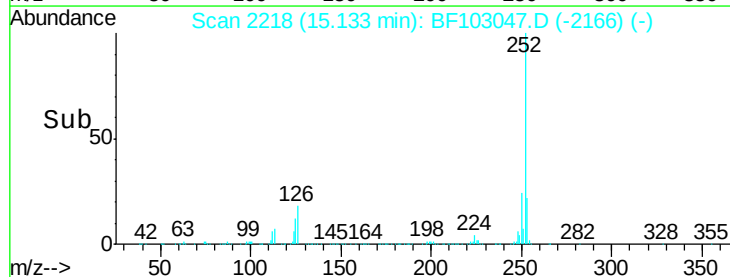
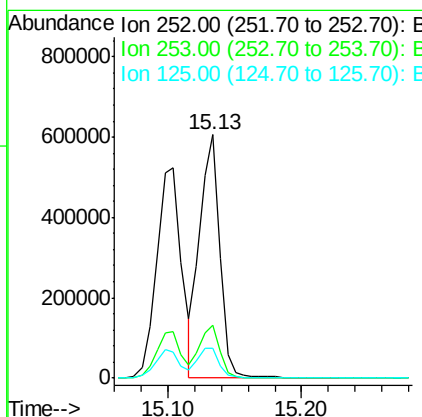
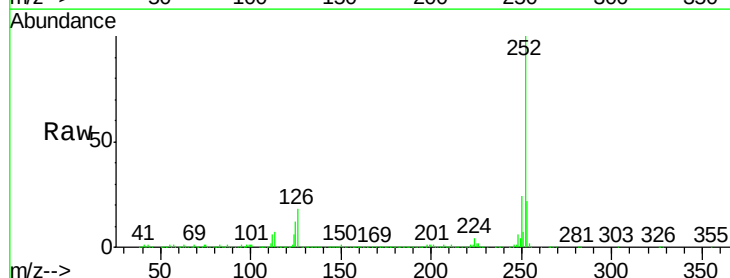
Instrument :
BNA_F
ClientSampleId :

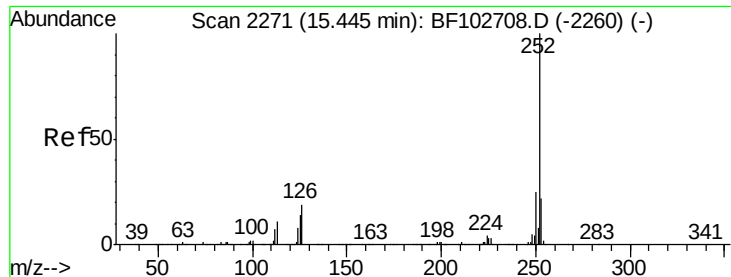
Tot Ion:252 Resp: 686710
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 12.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 32.003 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion:252 Resp: 628994
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 12.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 34.045 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

ClientSampleId :

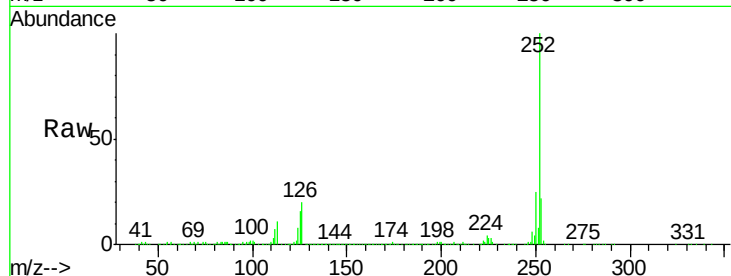
Tot Ion:252 Resp: 630371

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

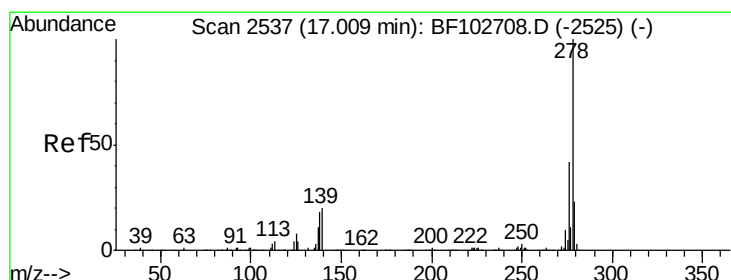
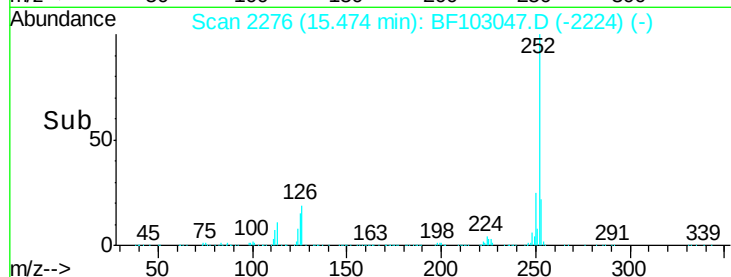
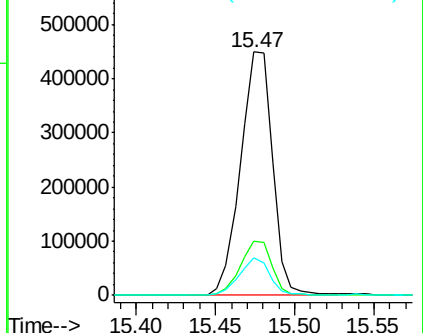
125 15.6 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.221 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

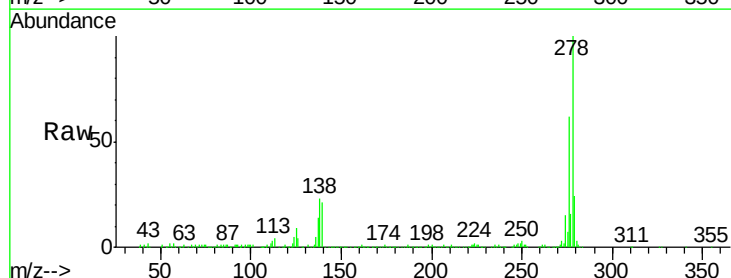
Tgt Ion:278 Resp: 514283

Ion Ratio Lower Upper

278 100

139 21.4 15.9 23.9

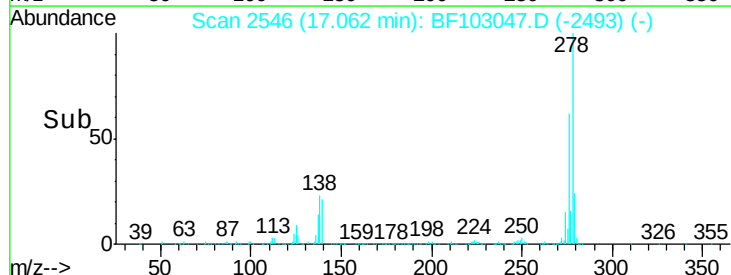
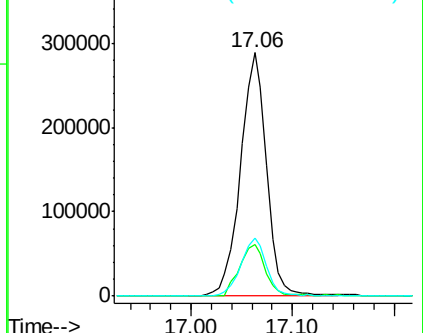
279 23.8 19.0 28.4

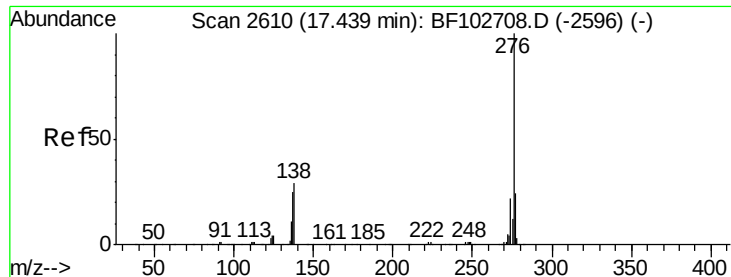


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 34.467 ng
 RT: 17.50 min Scan# 2621
 Delta R.T. 0.01 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	17.9	26.9
138	27.2	21.8	32.8

