

Data Path : U:\HPCHEM1\BNA F\DATA\BF011218\
 Data File : BF102042.D
 Acq On : 12 Jan 2018 14:51
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 12 21:51:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	196310	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	812724	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	354848	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	616921	20.00	ng	0.00
75) Chrysene-d12	13.88	240	444026	20.00	ng	0.00
86) Perylene-d12	15.29	264	382146	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1011019	72.72	ng	0.00
7) Phenol-d6	6.36	99	1198538	72.26	ng	0.00
23) Nitrobenzene-d5	7.30	82	1096776	79.30	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	251294	81.15	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1774764	78.14	ng	0.00
78) Terphenyl-d14	12.83	244	1478321	69.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	258518	37.262	ng	94
3) Pyridine	3.10	79	701750	37.038	ng	97
4) n-Nitrosodimethylamine	3.06	42	282744	35.637	ng	94
6) Aniline	6.39	93	844250	36.117	ng	98
8) 2-Chlorophenol	6.51	128	523270	37.529	ng	99
9) Benzaldehyde	6.27	77	405725	35.229	ng	98
10) Phenol	6.37	94	679130	36.230	ng	93
11) bis(2-Chloroethyl)ether	6.47	93	520914	36.511	ng	97
12) 1,3-Dichlorobenzene	6.67	146	603964	37.577	ng	99
13) 1,4-Dichlorobenzene	6.75	146	595566	37.134	ng	99
14) 1,2-Dichlorobenzene	6.90	146	555983	37.453	ng	99
15) Benzyl Alcohol	6.87	79	445590	36.726	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	939285	35.713	ng	97
17) 2-Methylphenol	6.98	107	467789	37.191	ng	99
18) Hexachloroethane	7.24	117	218489	38.686	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	381067	35.057	ng	98
20) 3+4-Methylphenols	7.14	107	532589	35.266	ng	# 68
22) Acetophenone	7.15	105	708440	36.178	ng	# 97
24) Nitrobenzene	7.32	77	576673	38.804	ng	97
25) Isophorone	7.55	82	993555	36.357	ng	99
26) 2-Nitrophenol	7.63	139	294541	47.353	ng	98
27) 2,4-Dimethylphenol	7.67	122	438310	37.731	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	603484	36.574	ng	98
29) 2,4-Dichlorophenol	7.86	162	418952	37.981	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	443572	38.445	ng	99
31) Naphthalene	8.03	128	1505905	37.082	ng	99
32) Benzoic acid	7.79	122	322952	36.662	ng	98
33) 4-Chloroaniline	8.08	127	654251	37.745	ng	98
34) Hexachlorobutadiene	8.15	225	235992	38.641	ng	100
35) Caprolactam	8.46	113	147350	38.912	ng	96
36) 4-Chloro-3-methylphenol	8.56	107	461507	38.222	ng	98
37) 2-Methylnaphthalene	8.72	142	998752	37.357	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	391737	39.022	ng	99
40) Hexachlorocyclopentadiene	8.87	237	227560	41.449	ng	99

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

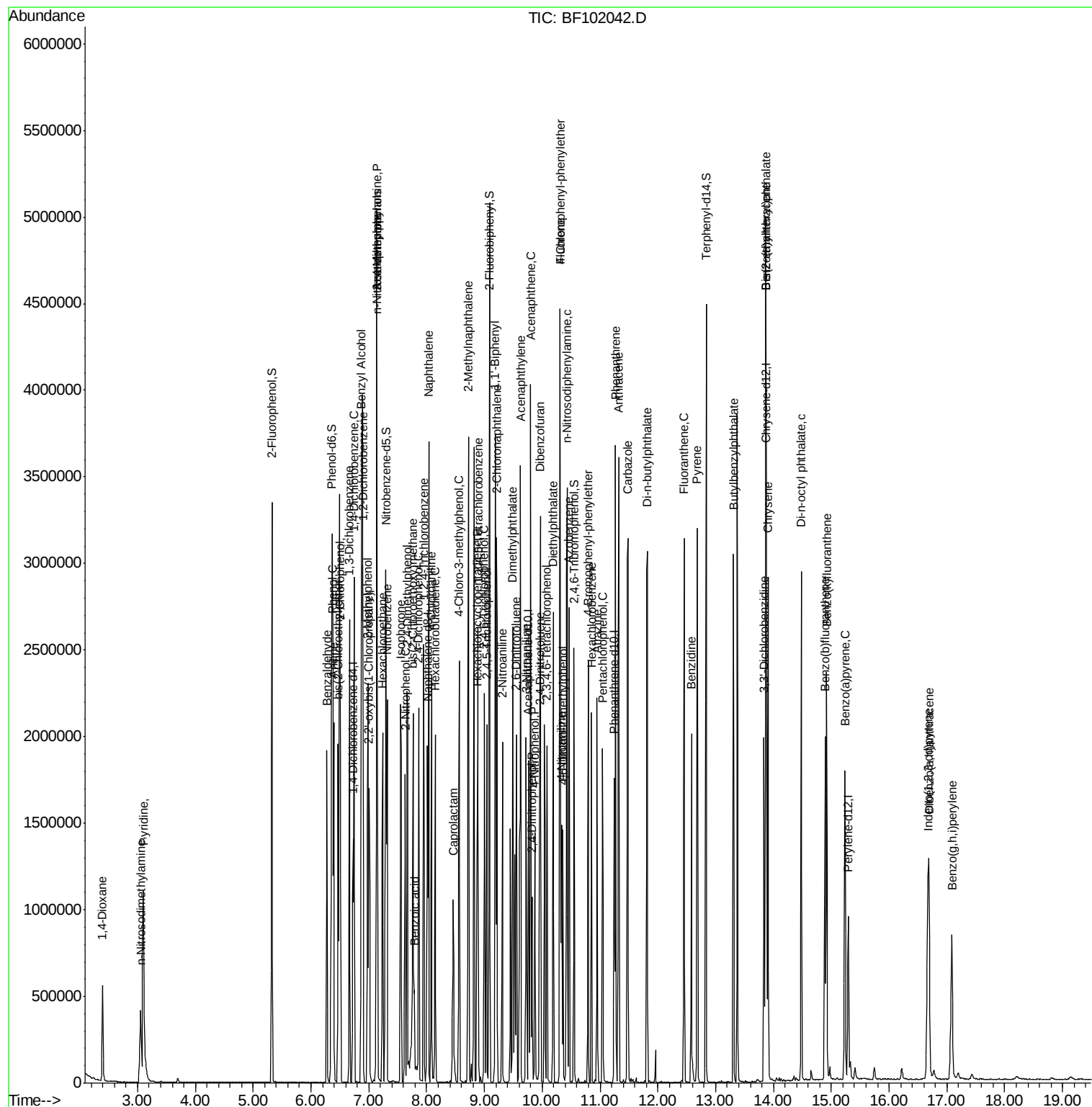
42) 2,4,6-Trichlorophenol	9.00	196	278482	40.255	ng	99
43) 2,4,5-Trichlorophenol	9.04	196	318265	40.705	ng	97
45) 1,1'-Biphenyl	9.19	154	1190402	37.953	ng	99
46) 2-Chloronaphthalene	9.21	162	937146	38.531	ng	99
47) 2-Nitroaniline	9.31	65	321233	44.091	ng	95
48) Acenaphthylene	9.63	152	1446339	37.471	ng	100
49) Dimethylphthalate	9.49	163	1081421	37.990	ng	99
50) 2,6-Dinitrotoluene	9.55	165	246771	43.399	ng	93
51) Acenaphthene	9.80	154	854780	36.486	ng	99
52) 3-Nitroaniline	9.72	138	301760	42.050	ng	94
53) 2,4-Dinitrophenol	9.82	184	107729	52.869	ng	# 22
54) Dibenzofuran	9.97	168	1196577	37.215	ng	98
55) 4-Nitrophenol	9.87	139	228903	42.802	ng	97
56) 2,4-Dinitrotoluene	9.95	165	323453	45.385	ng	97
57) Fluorene	10.31	166	882086	39.685	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	224234	40.283	ng	99
59) Diethylphthalate	10.19	149	1065155	37.617	ng	99
60) 4-Chlorophenyl-phenylether	10.30	204	369412	39.030	ng	95
61) 4-Nitroaniline	10.33	138	299044	43.909	ng	93
62) Azobenzene	10.46	77	1026747	36.445	ng	97
64) 4,6-Dinitro-2-methylphenol	10.36	198	167649	49.796	ng	94
65) n-Nitrosodiphenylamine	10.43	169	851244	36.848	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	250511	38.452	ng	99
67) Hexachlorobenzene	10.85	284	271603	38.188	ng	99
68) Atrazine	10.96	200	262785	39.362	ng	98
69) Pentachlorophenol	11.05	266	179383	41.361	ng	99
70) Phenanthrene	11.27	178	1326292	36.804	ng	99
71) Anthracene	11.32	178	1356357	37.112	ng	100
72) Carbazole	11.48	167	1346588	37.486	ng	100
73) Di-n-butylphthalate	11.82	149	1632034	37.031	ng	98
74) Fluoranthene	12.46	202	1360107	38.361	ng	98
76) Benzidine	12.58	184	691471	32.249	ng	99
77) Pyrene	12.68	202	1396331	35.576	ng	99
79) Butylbenzylphthalate	13.31	149	694721	38.569	ng	97
80) Benzo(a)anthracene	13.87	228	1017843	35.928	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	409745	39.062	ng	96
82) Chrysene	13.91	228	1110952	37.608	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	797628	38.602	ng	99
84) Di-n-octyl phthalate	14.48	149	1410548	41.138	ng	98
85) Indeno(1,2,3-cd)pyrene	16.67	276	800597	37.236	ng	96
87) Benzo(b)fluoranthene	14.89	252	949497	38.106	ng	98
88) Benzo(k)fluoranthene	14.92	252	927332	38.579	ng	100
89) Benzo(a)pyrene	15.24	252	866484	38.644	ng	99
90) Dibenzo(a,h)anthracene	16.69	278	664390	37.131	ng	98
91) Benzo(g,h,i)perylene	17.09	276	653705	36.268	ng	95

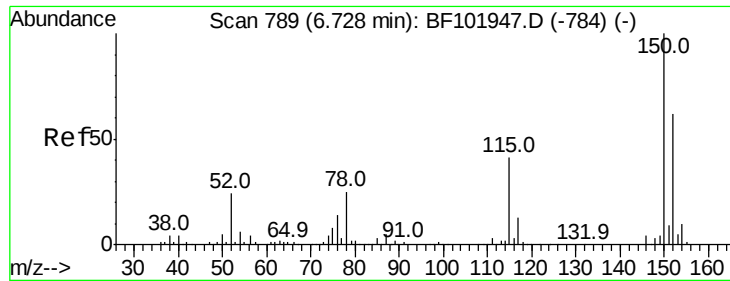
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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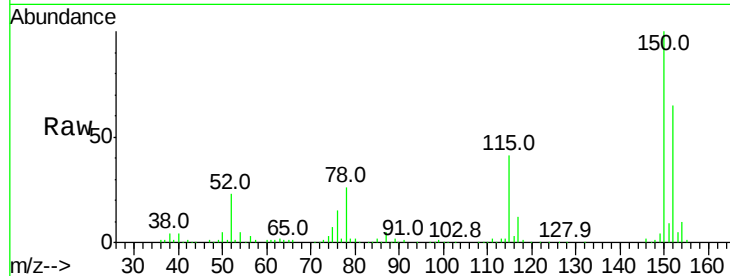


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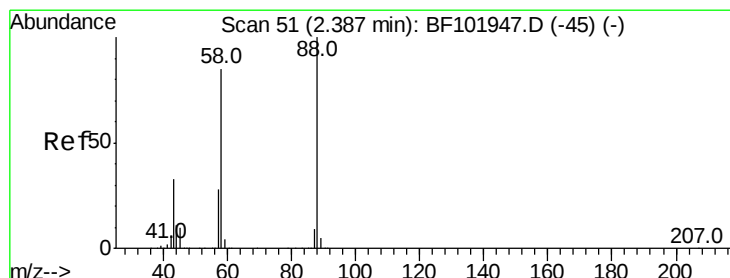
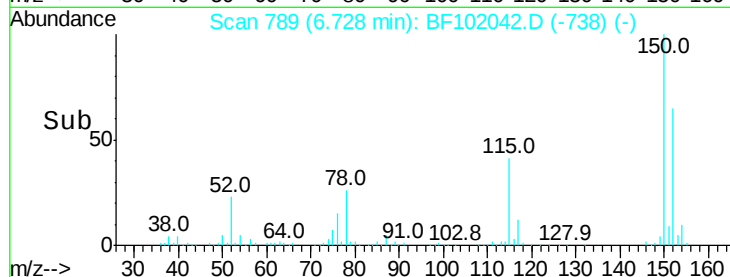
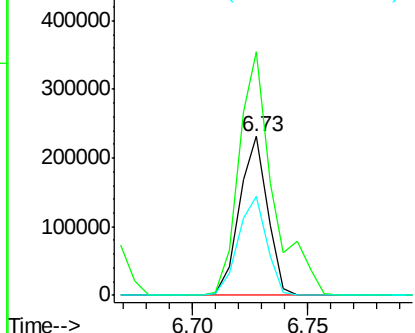
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF102042.D
Acq: 12 Jan 2018 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 196310
Ion Ratio Lower Upper
152 100
150 153.5 124.6 186.8
115 62.4 50.1 75.1



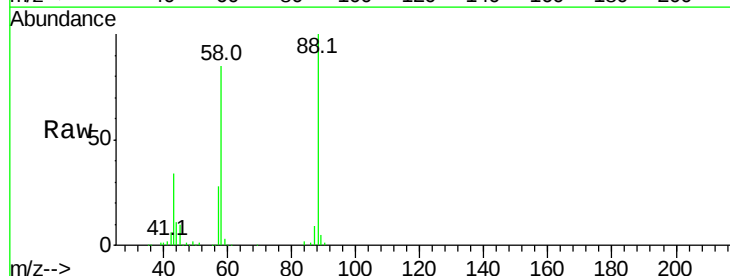
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



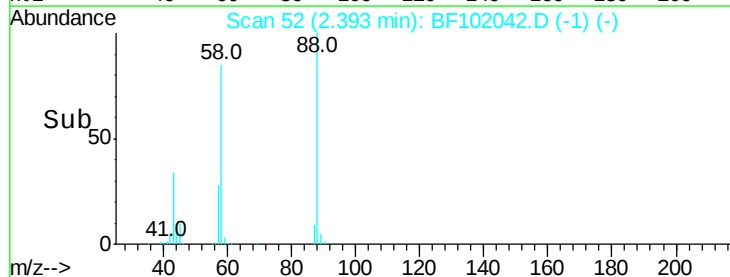
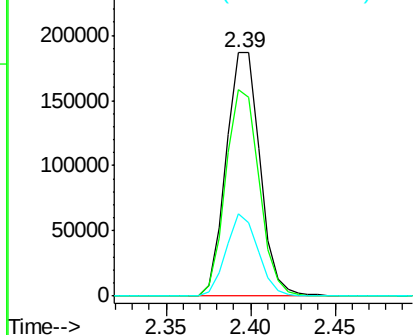
#2

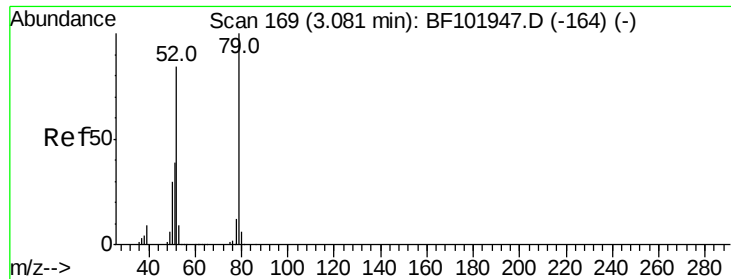
1,4-Dioxane
Concen: 37.262 ng
RT: 2.39 min Scan# 52
Delta R.T. 0.00 min
Lab File: BF102042.D
Acq: 12 Jan 2018 14:51

Tgt Ion: 88 Resp: 258518
Ion Ratio Lower Upper
88 100
58 84.3 62.6 93.8
43 32.4 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: 37.038 ng

RT: 3.10 min Scan# 172

Delta R.T. 0.01 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

Instrument :

BNA_F

ClientSampled :

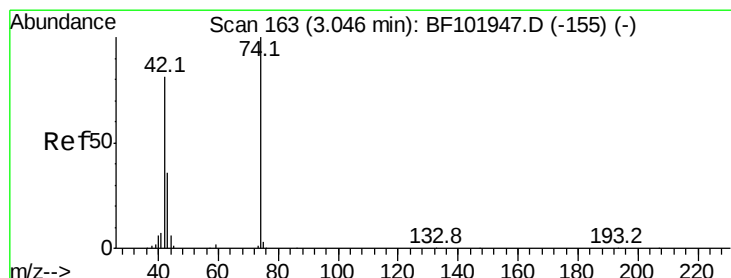
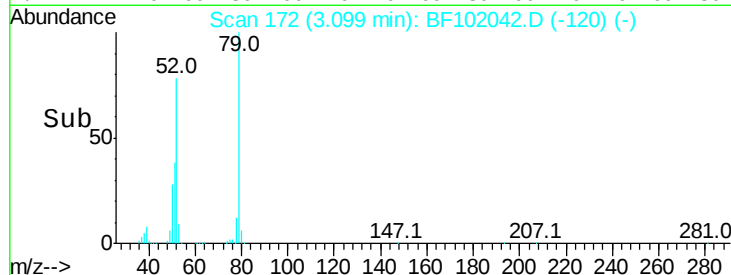
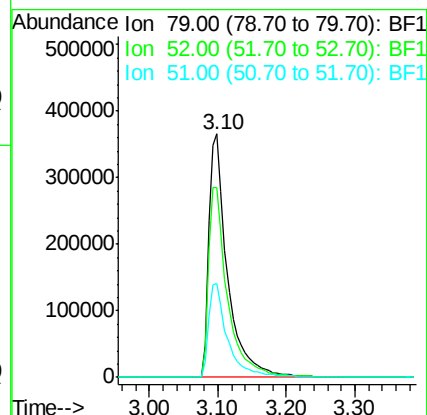
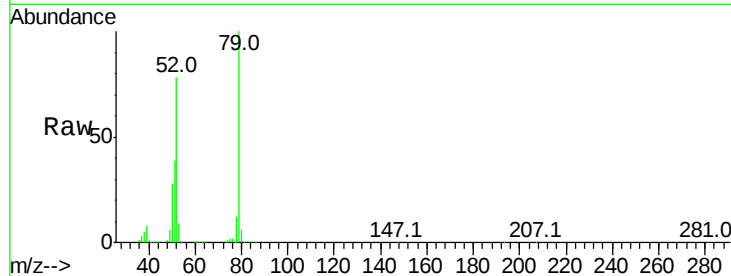
Tot Ion: 79 Resp: 701750

Ion Ratio Lower Upper

79 100

52 78.0 59.8 89.6

51 38.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 35.637 ng

RT: 3.06 min Scan# 165

Delta R.T. 0.01 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

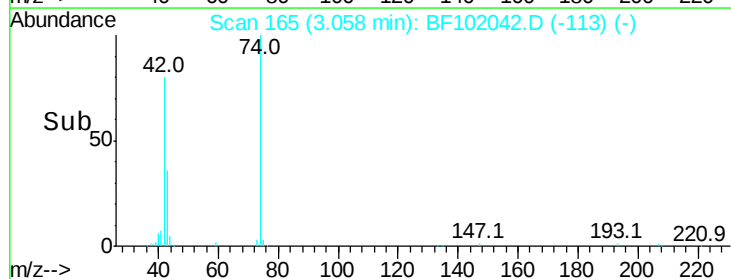
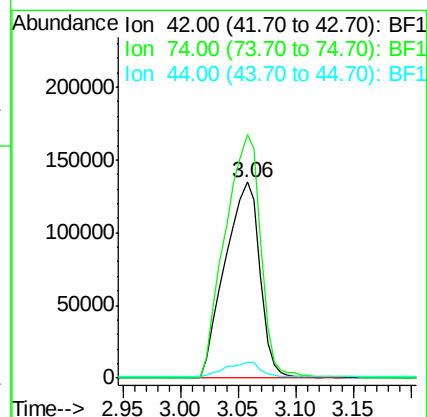
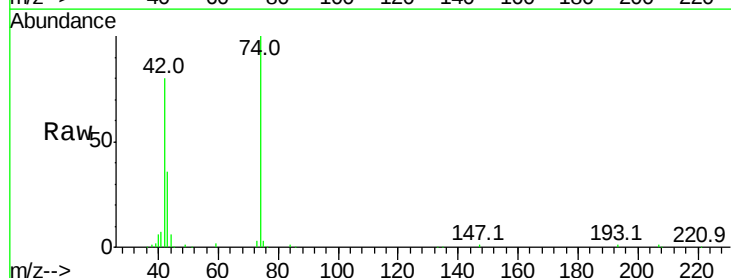
Tgt Ion: 42 Resp: 282744

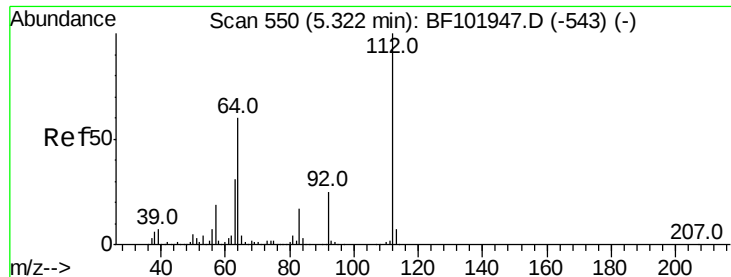
Ion Ratio Lower Upper

42 100

74 124.4 104.9 157.3

44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 72.724 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

Instrument :

BNA_F

ClientSampleId :

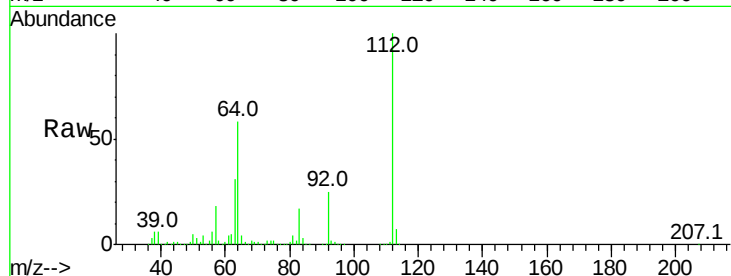
Tot Ion:112 Resp: 1011019

Ion Ratio Lower Upper

112 100

64 58.1 47.9 71.9

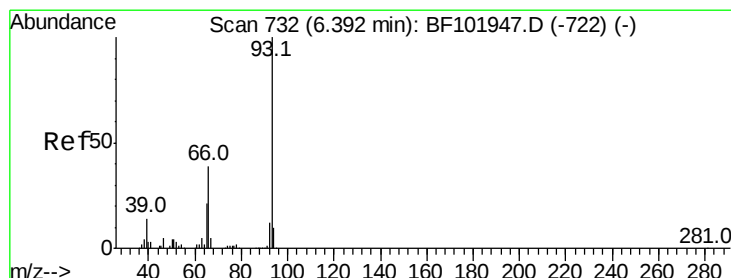
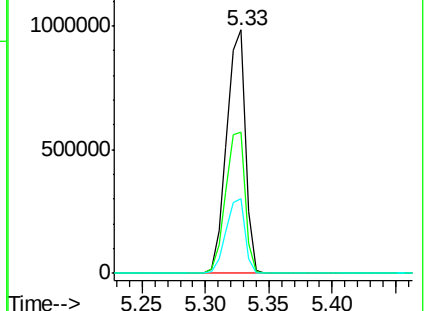
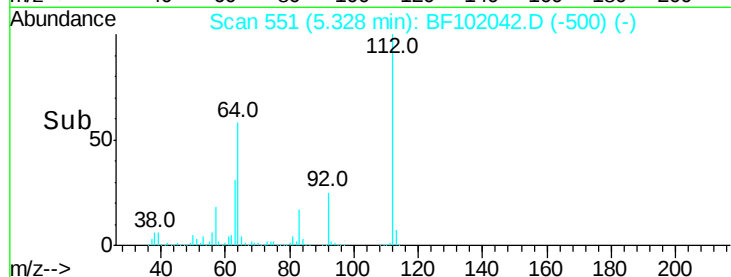
63 30.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.117 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

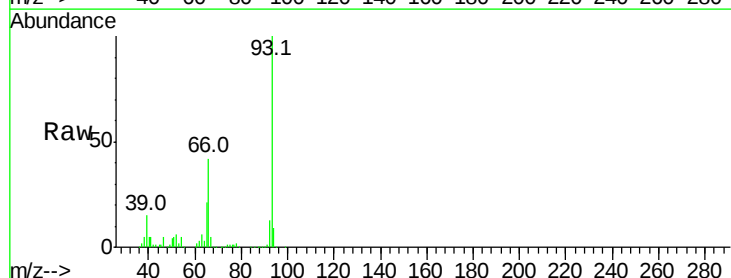
Tgt Ion: 93 Resp: 844250

Ion Ratio Lower Upper

93 100

66 41.9 32.2 48.2

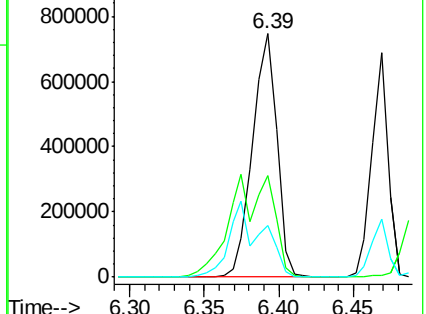
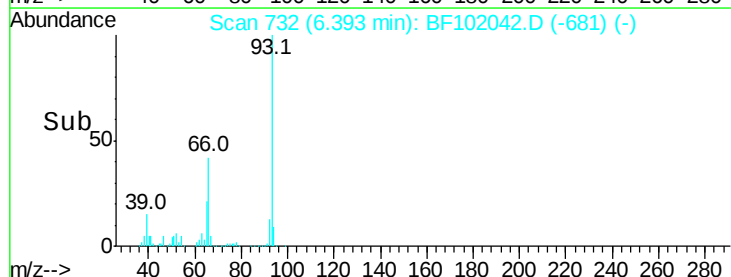
65 21.3 16.4 24.6

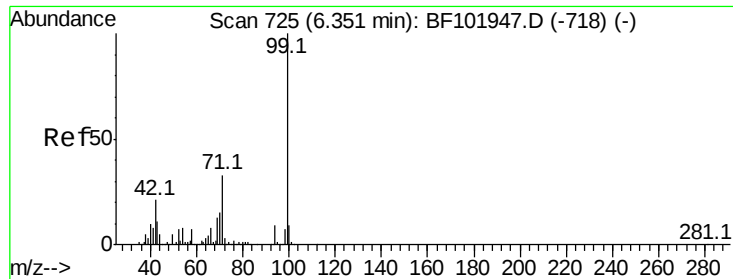


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.259 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102042.D

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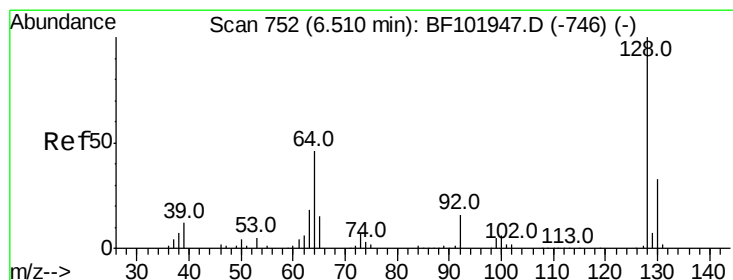
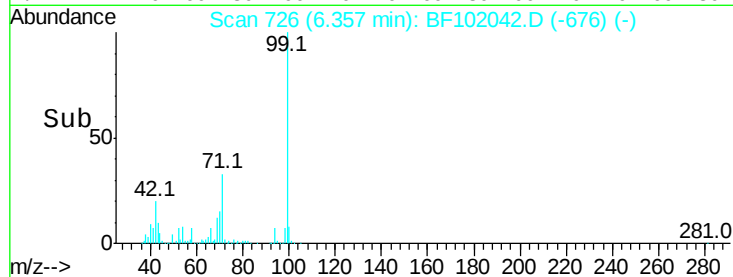
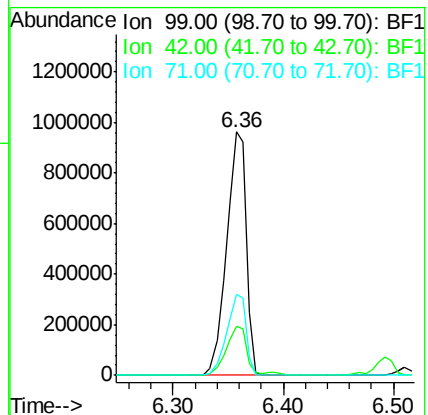
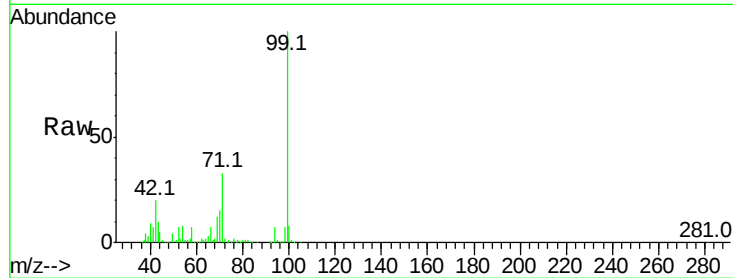
Tot Ion: 99 Resp: 1198538

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 33.1 25.4 38.0



#8

2-Chlorophenol

Concen: 37.529 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

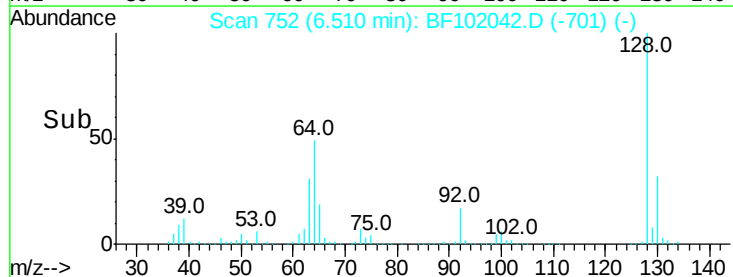
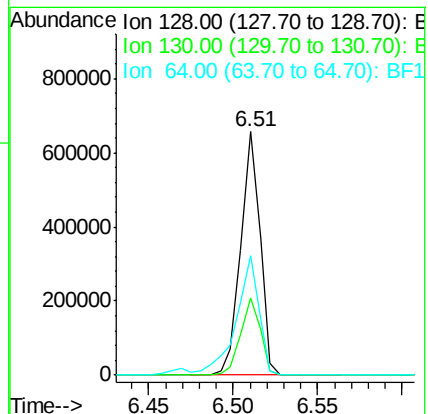
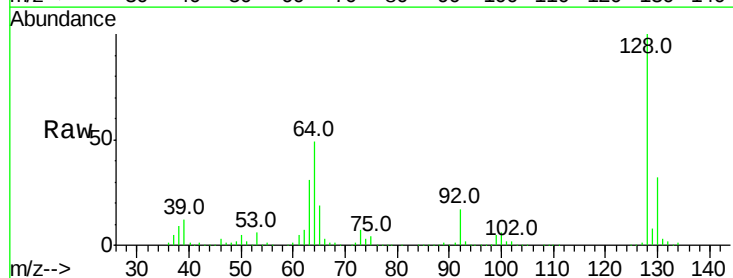
Tgt Ion: 128 Resp: 523270

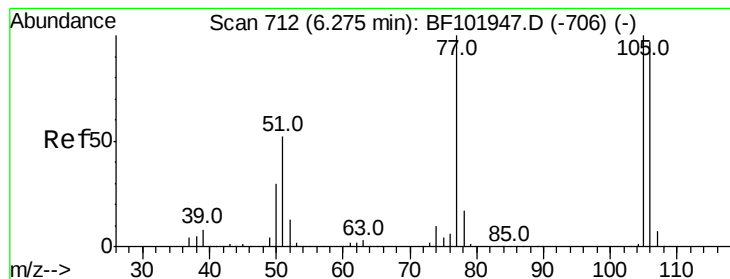
Ion Ratio Lower Upper

128 100

130 31.6 13.0 53.0

64 49.2 29.4 69.4





#9

Benzaldehyde

Concen: 35.229 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

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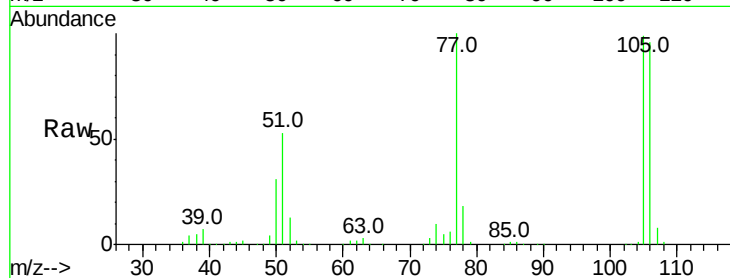
Tot Ion: 77 Resp: 405725

Ion Ratio Lower Upper

77 100

105 99.1 81.1 121.1

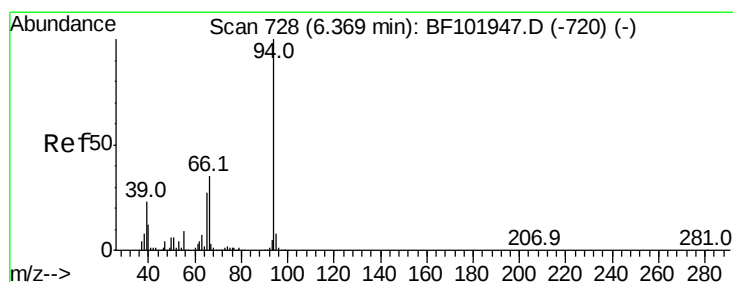
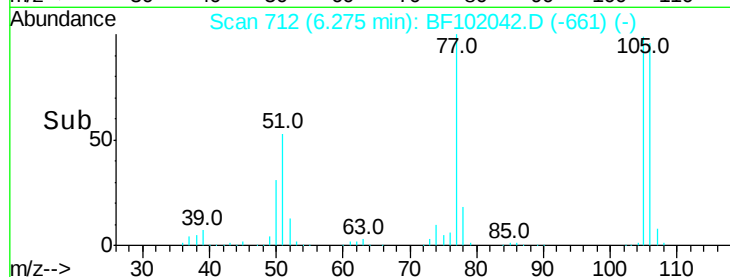
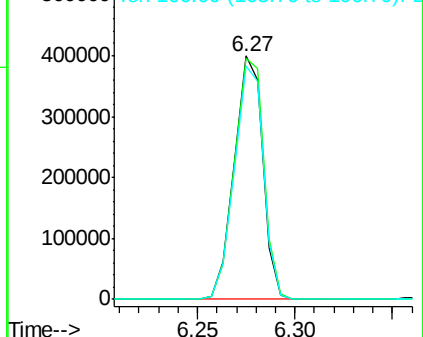
106 95.7 74.5 114.5



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: 36.230 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

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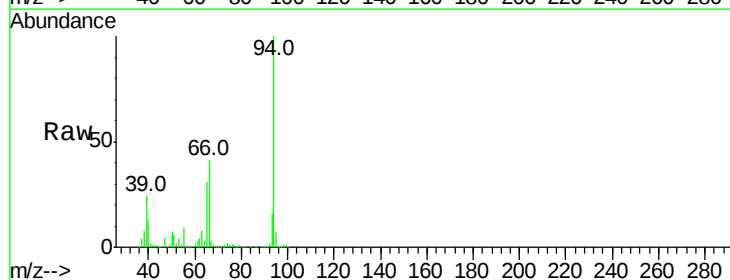
Tgt Ion: 94 Resp: 679130

Ion Ratio Lower Upper

94 100

65 30.6 7.9 47.9

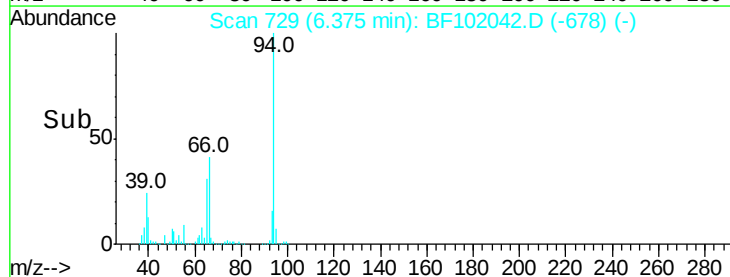
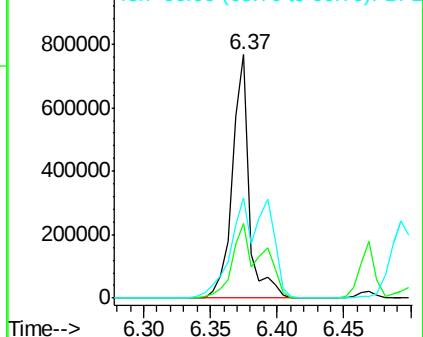
66 40.9 16.2 56.2

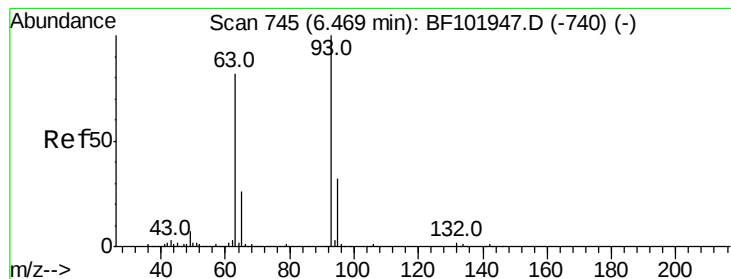


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

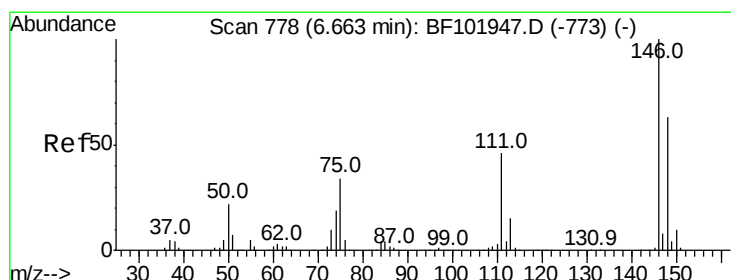
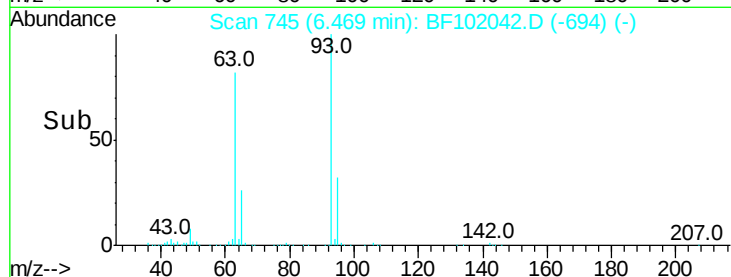
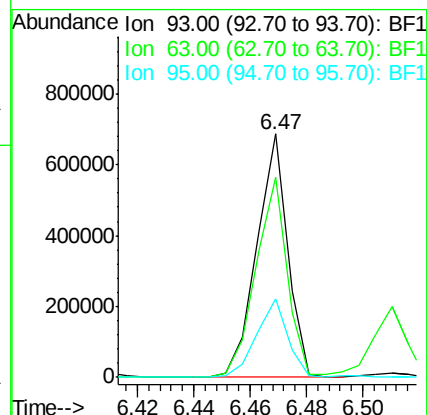
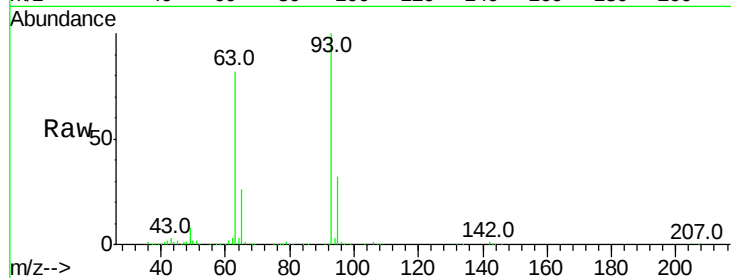




#11
bis(2-Chloroethyl)ether
Concen: 36.511 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF102042.D
Acq: 12 Jan 2018 14:51

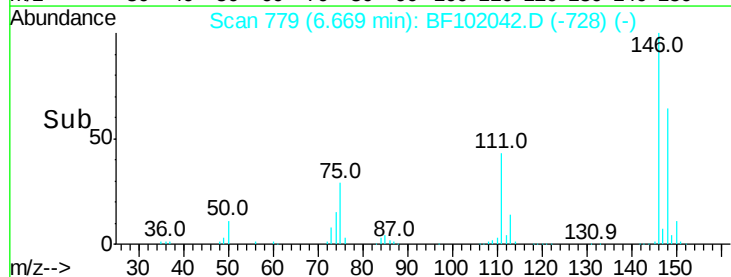
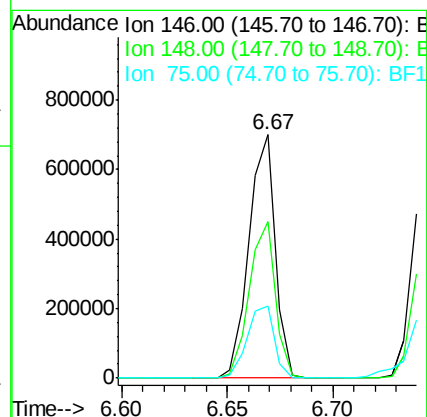
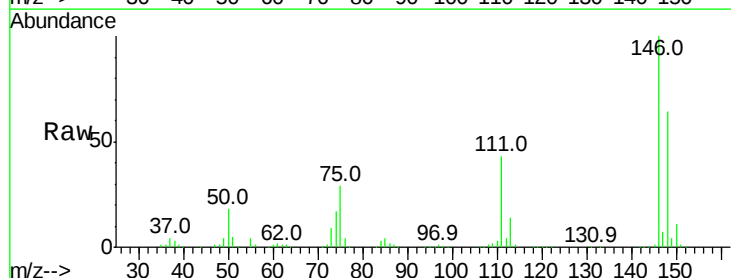
Instrument :
BNA_F
ClientSampleId :

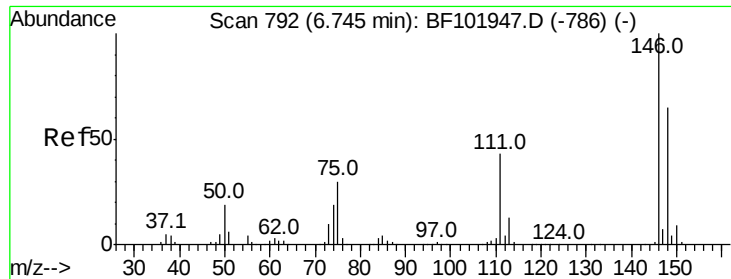
Tot Ion: 93 Resp: 520914
Ion Ratio Lower Upper
93 100
63 82.3 58.6 98.6
95 32.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.577 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF102042.D
Acq: 12 Jan 2018 14:51

Tgt Ion: 146 Resp: 603964
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 29.4 24.2 36.4

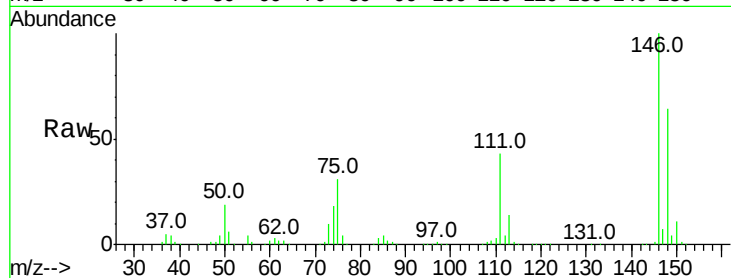




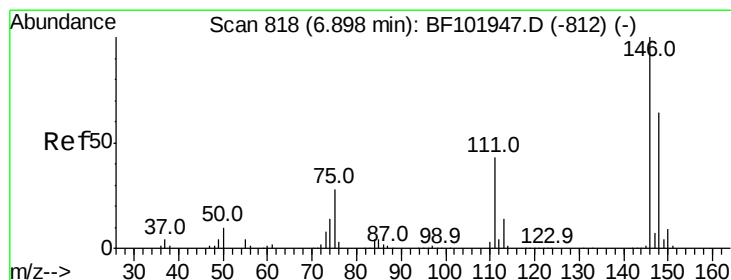
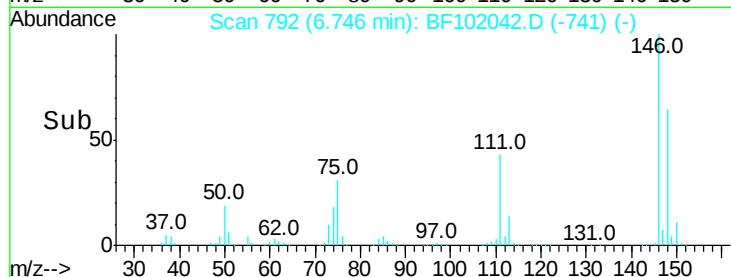
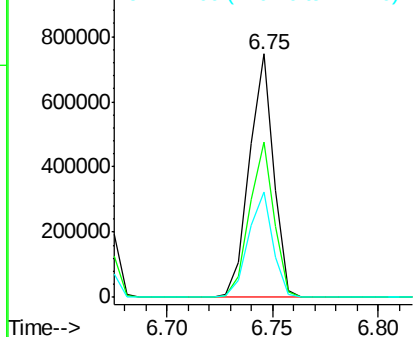
#13
 1,4-Dichlorobenzene
 Concen: 37.134 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	43.2	34.2	51.2

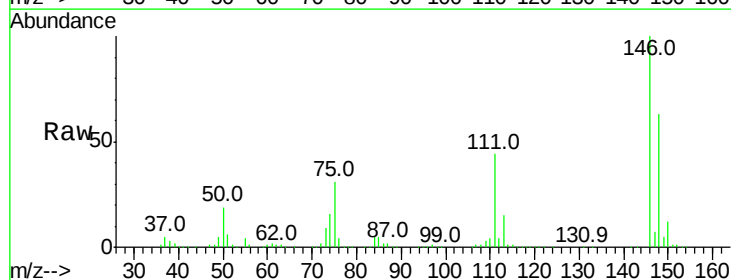


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

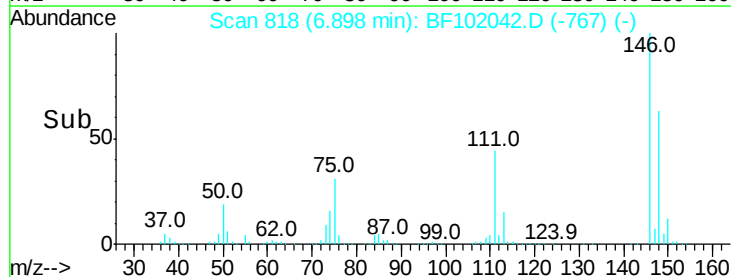
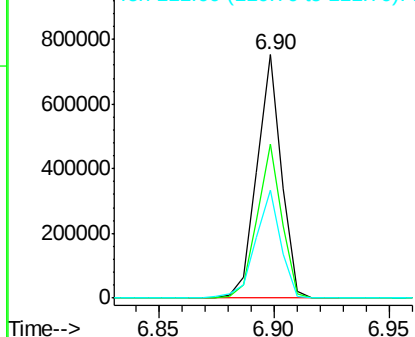


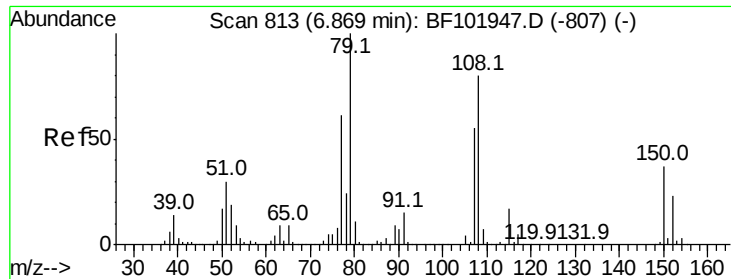
#14
 1,2-Dichlorobenzene
 Concen: 37.453 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	44.1	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

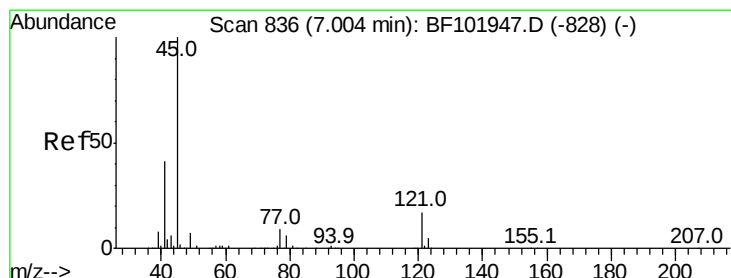
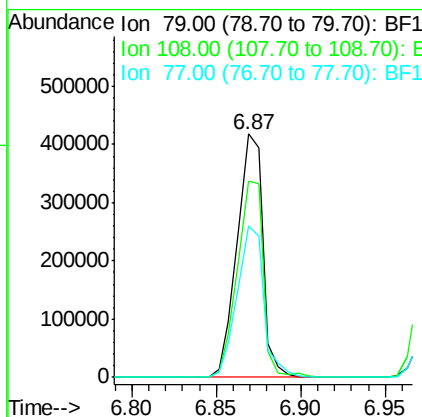
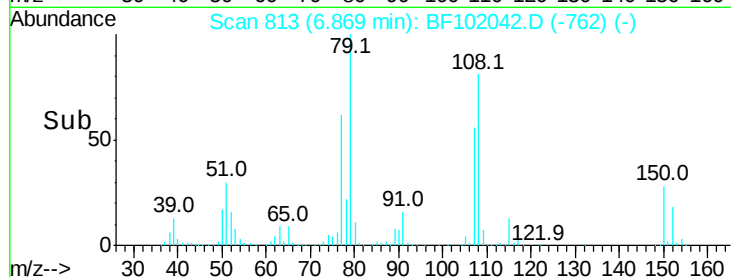
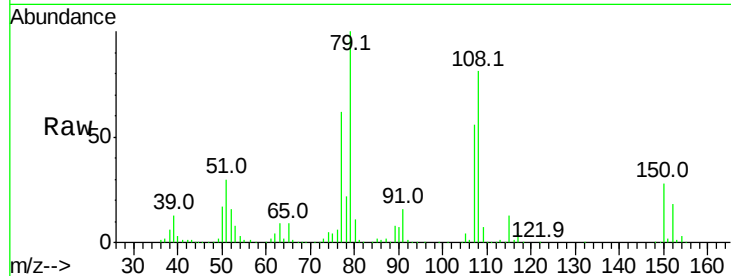




#15
Benzyl Alcohol
Concen: 36.726 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF102042.D
Acq: 12 Jan 2018 14:51

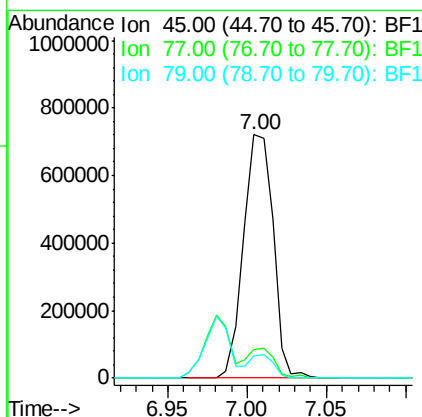
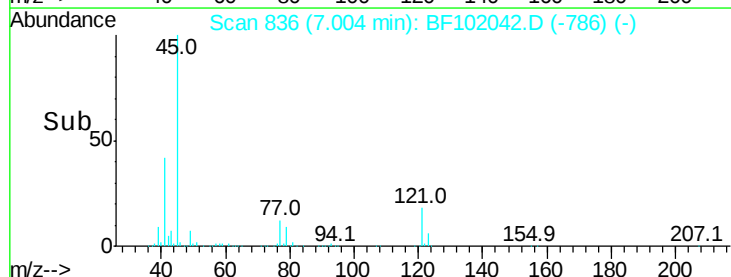
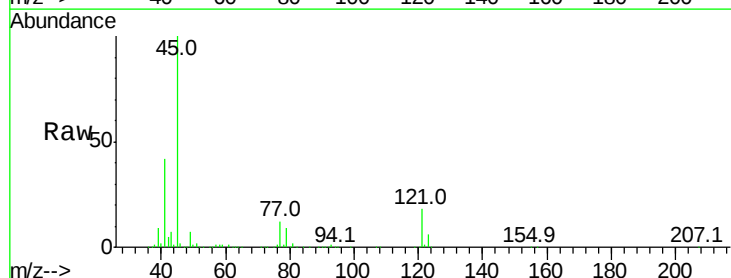
Instrument :
BNA_F
ClientSampled :

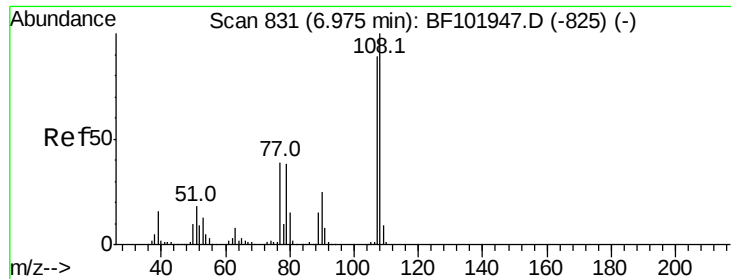
Tot Ion: 79 Resp: 445590
Ion Ratio Lower Upper
79 100
108 80.7 65.1 97.7
77 62.1 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.713 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF102042.D
Acq: 12 Jan 2018 14:51

Tgt Ion: 45 Resp: 939285
Ion Ratio Lower Upper
45 100
77 11.6 0.0 32.9
79 9.0 0.0 29.6

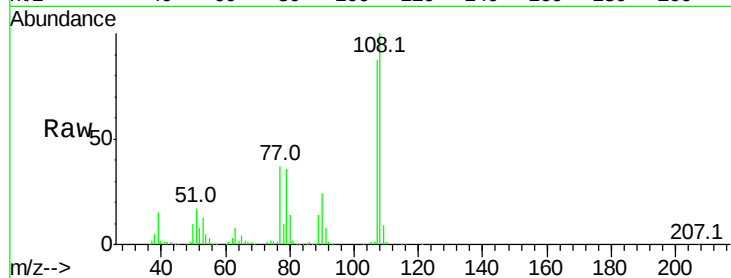




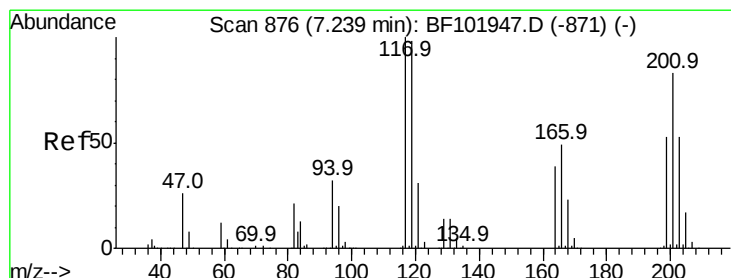
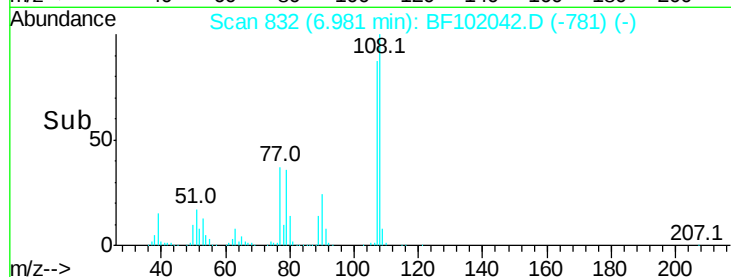
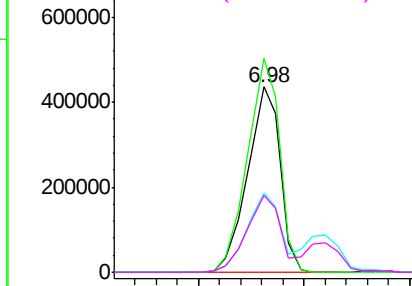
#17
2-Methylphenol
Concen: 37.191 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF102042.D
Acq: 12 Jan 2018 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 467789
Ion Ratio Lower Upper
107 100
108 115.2 91.7 137.5
77 43.1 33.8 50.8
79 41.6 33.8 50.8

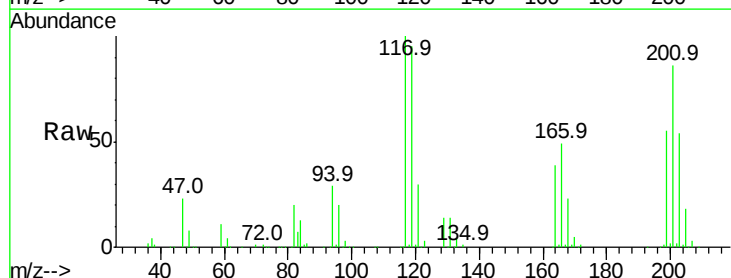


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

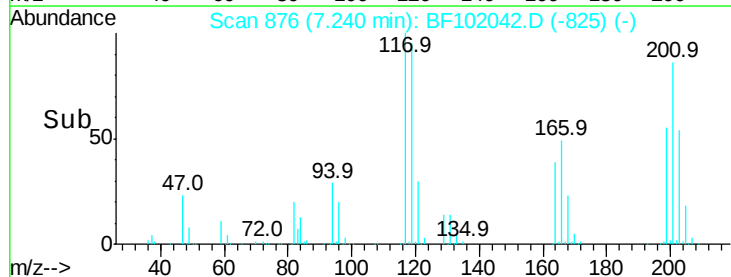
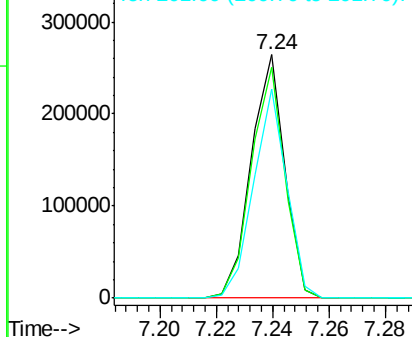


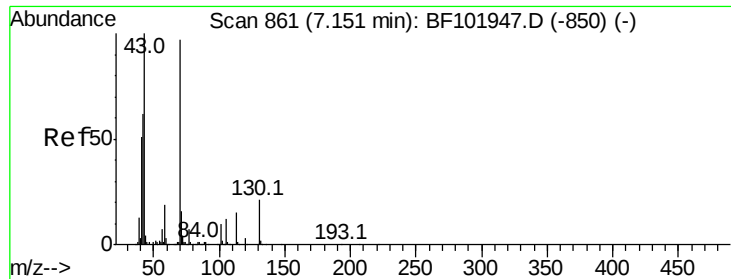
#18
Hexachloroethane
Concen: 38.686 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF102042.D
Acq: 12 Jan 2018 14:51

Tgt Ion:117 Resp: 218489
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.8
201 85.9 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

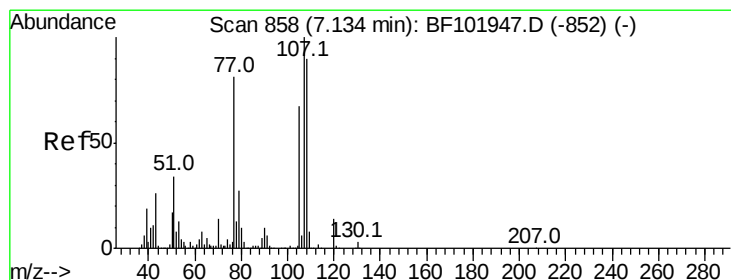
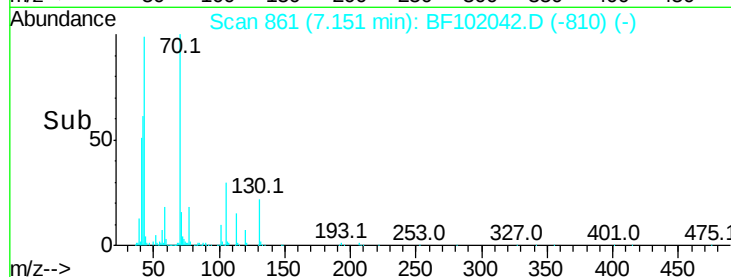
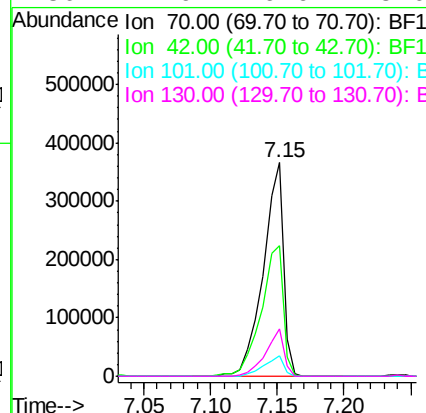
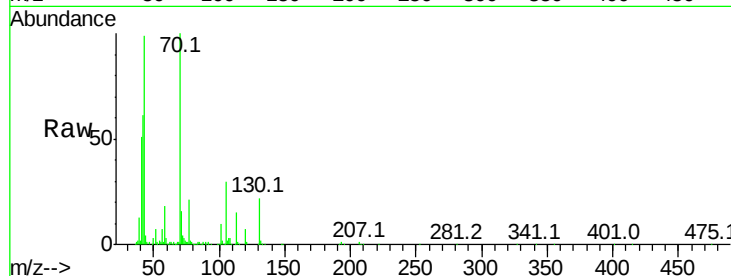




#19
 n-Nitroso-di-n-propylamine
 Concen: 35.057 ng
 RT: 7.15 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

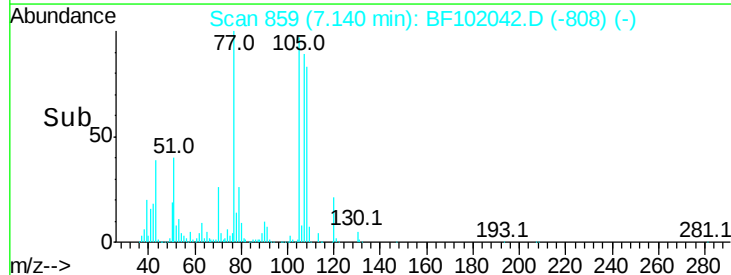
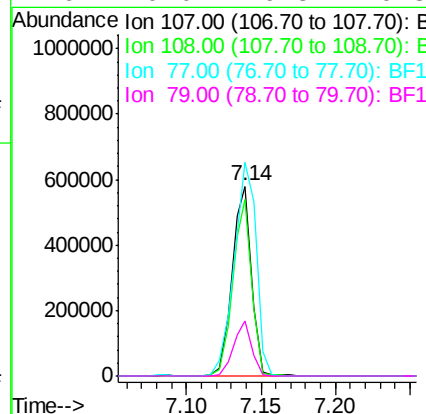
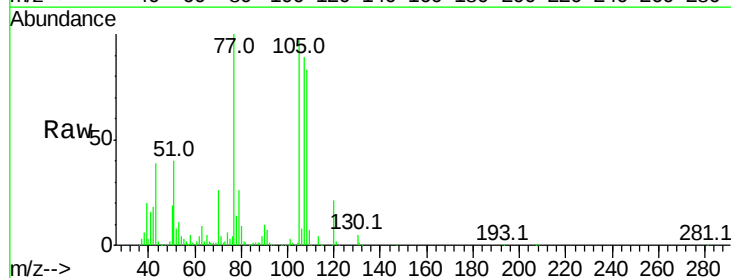
Instrument :
 BNA_F
 ClientSampleId :

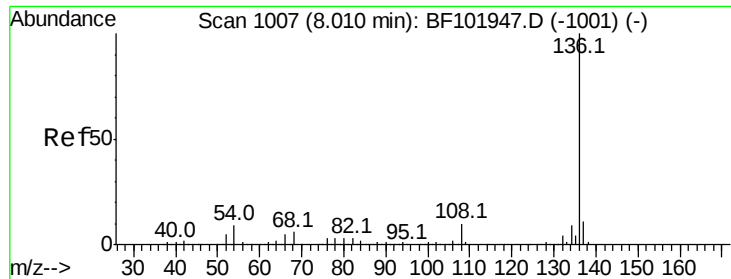
Tot Ion: 70 Resp: 381067
 Ion Ratio Lower Upper
 70 100
 42 61.4 47.5 71.3
 101 9.9 7.4 11.2
 130 21.9 16.6 25.0



#20
 3+4-Methylphenols
 Concen: 35.266 ng
 RT: 7.14 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

Tgt Ion: 107 Resp: 532589
 Ion Ratio Lower Upper
 107 100
 108 93.0 68.2 108.2
 77 112.7 26.7 66.7#
 79 29.0 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 812724

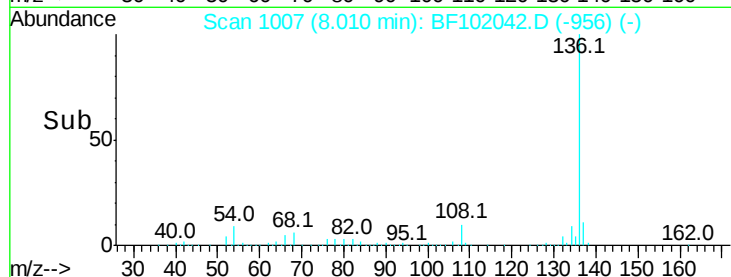
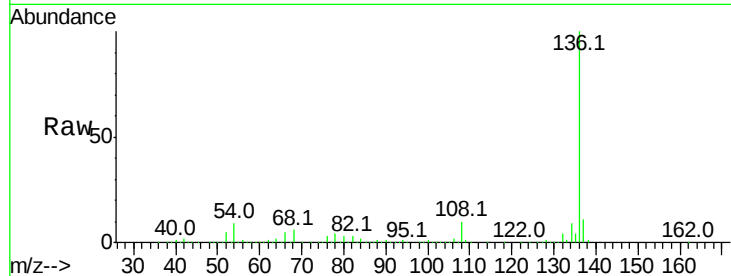
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.9 6.6 9.8

68 6.2 5.0 7.4

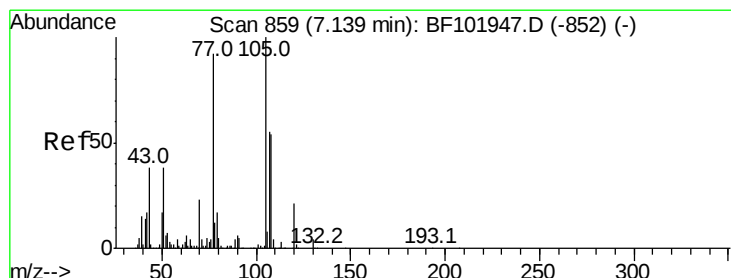
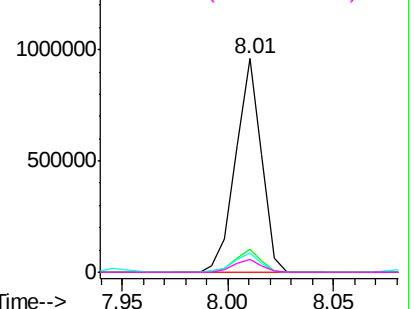


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.178 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

Tgt Ion:105 Resp: 708440

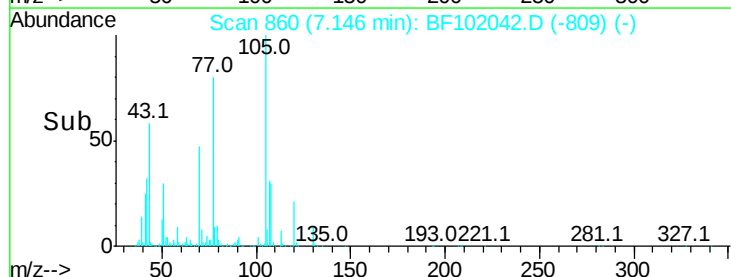
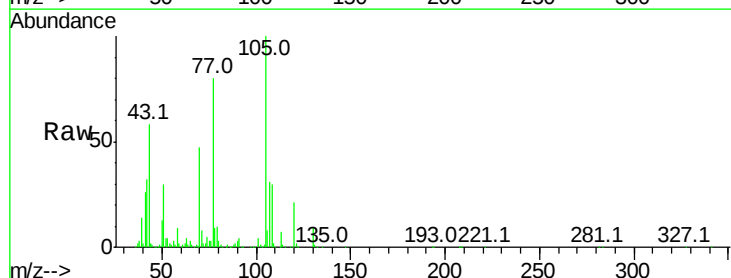
Ion Ratio Lower Upper

105 100

71 7.8 4.4 6.6#

51 30.2 22.3 33.5

120 21.5 16.9 25.3

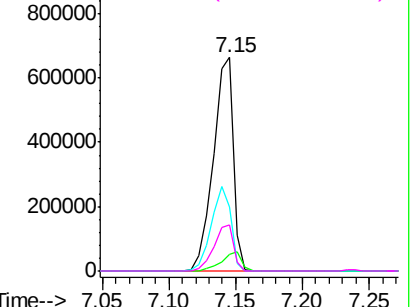


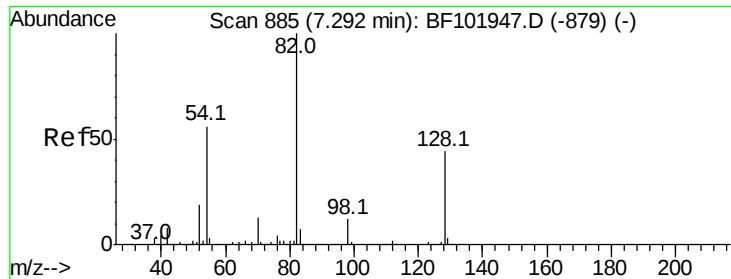
Abundance Ion 105.00 (104.70 to 105.70): E

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

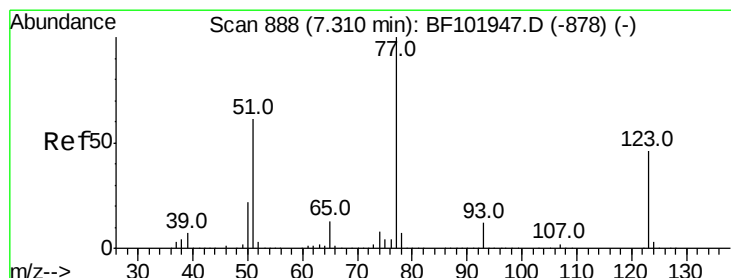
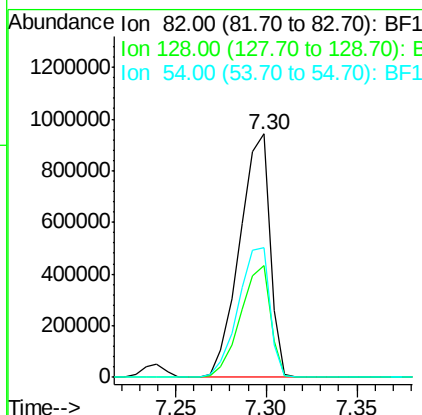
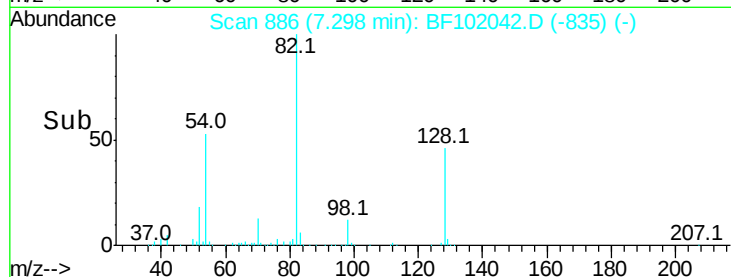
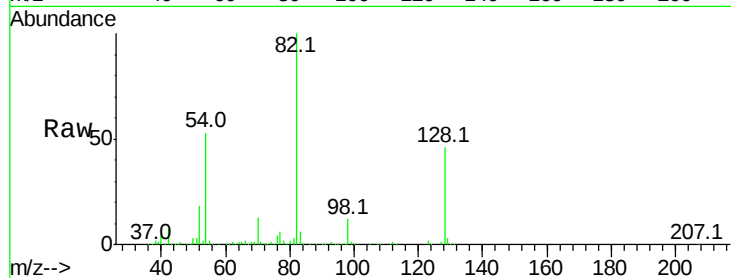




#23
 Nitrobenzene-d5
 Concen: 79.302 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

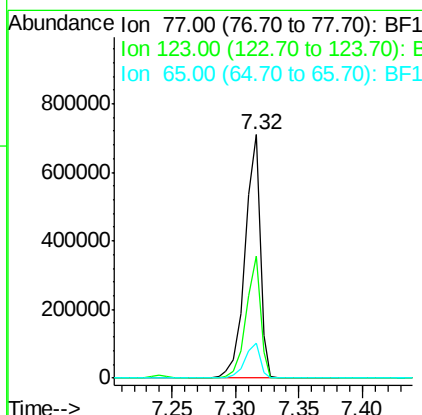
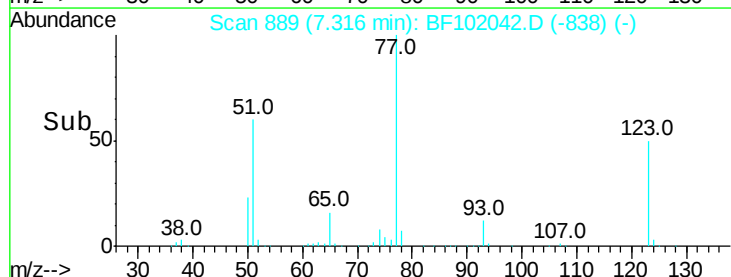
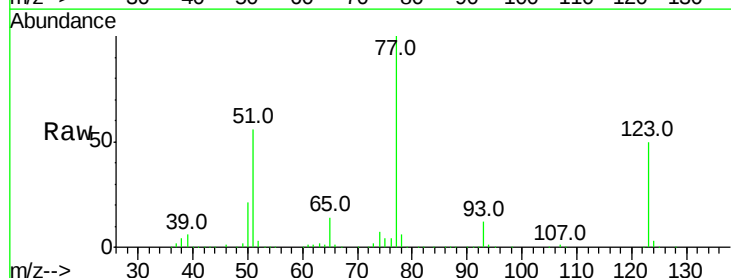
Instrument :
 BNA_F
 ClientSampled :

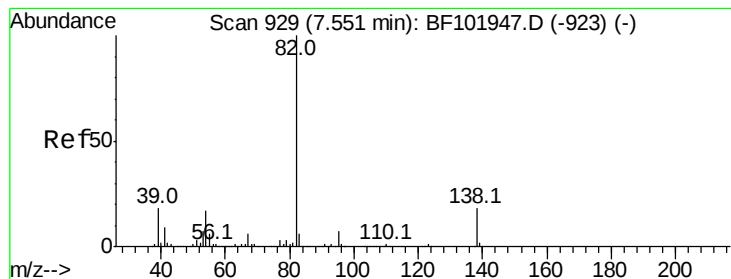
Tot Ion: 82 Resp: 1096776
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.1 54.1
 54 53.4 41.4 62.2



#24
 Nitrobenzene
 Concen: 38.804 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

Tgt Ion: 77 Resp: 576673
 Ion Ratio Lower Upper
 77 100
 123 50.1 37.9 56.9
 65 14.3 11.0 16.4





#25

Isophorone

Concen: 36.357 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

Instrument :

BNA_F

ClientSampleId :

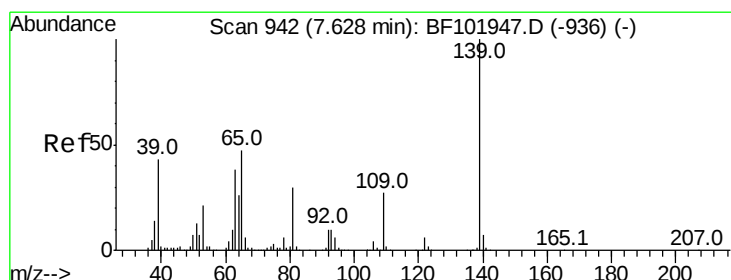
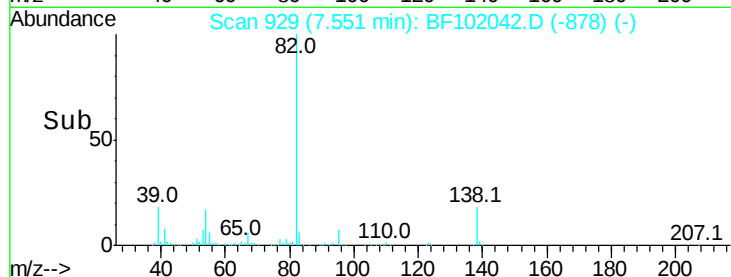
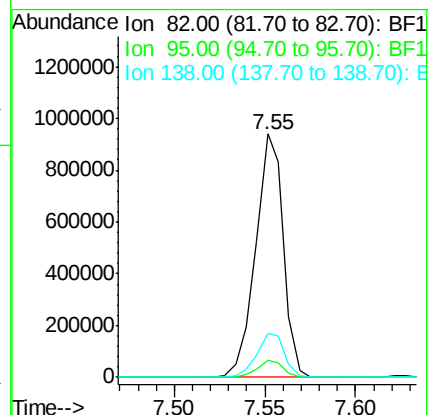
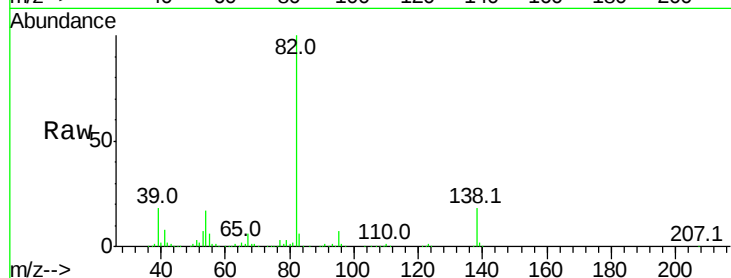
Tot Ion: 82 Resp: 993555

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.0 14.9 22.3



#26

2-Nitrophenol

Concen: 47.353 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

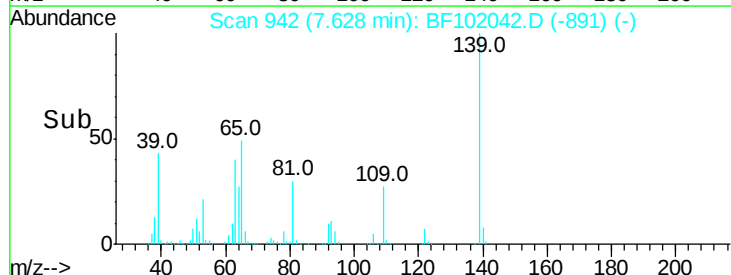
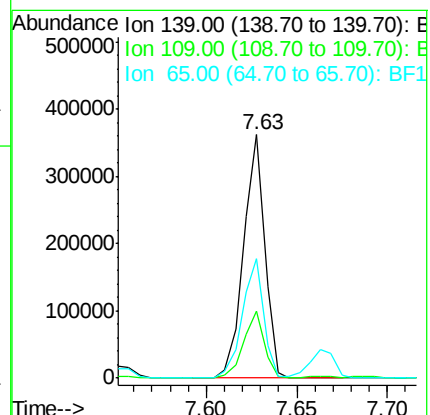
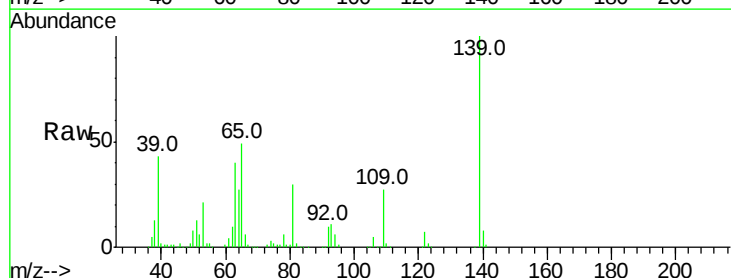
Tgt Ion: 139 Resp: 294541

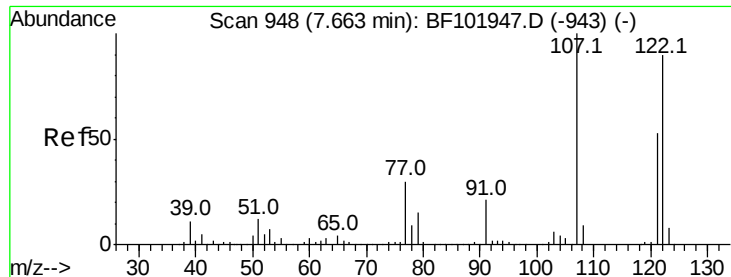
Ion Ratio Lower Upper

139 100

109 27.4 22.7 34.1

65 49.1 40.5 60.7

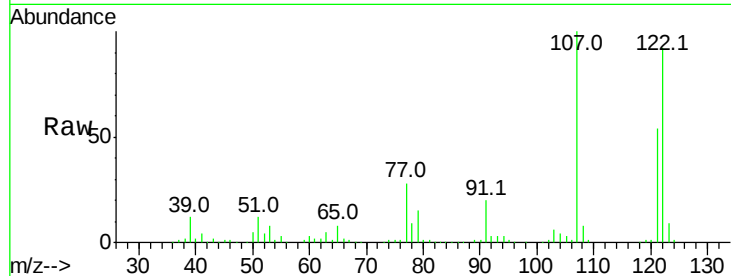




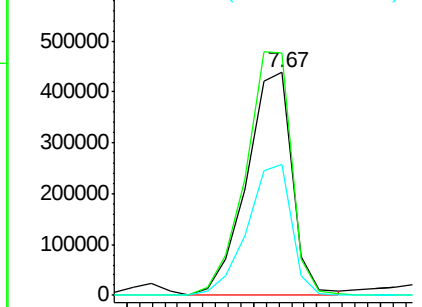
#27
 2,4-Dimethylphenol
 Concen: 37.731 ng
 RT: 7.67 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

Instrument :
 BNA_F
 ClientSampleId :

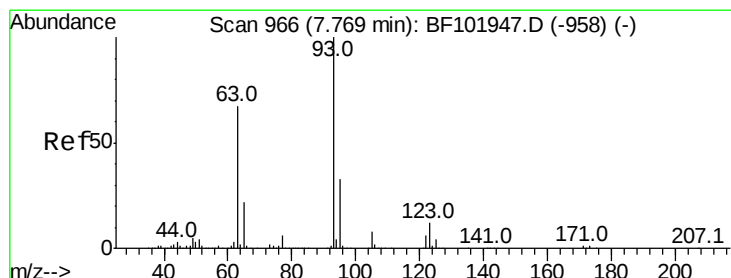
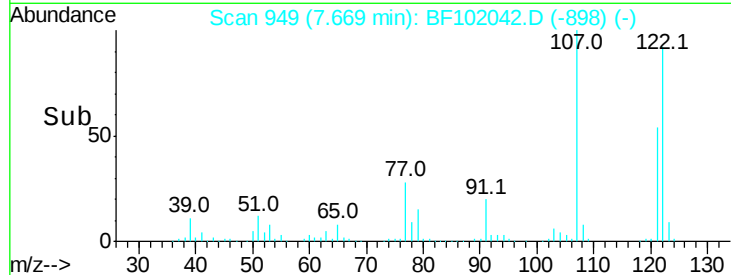
Tot Ion:122 Resp: 438310
 Ion Ratio Lower Upper
 122 100
 107 108.8 91.2 136.8
 121 59.0 47.2 70.8



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

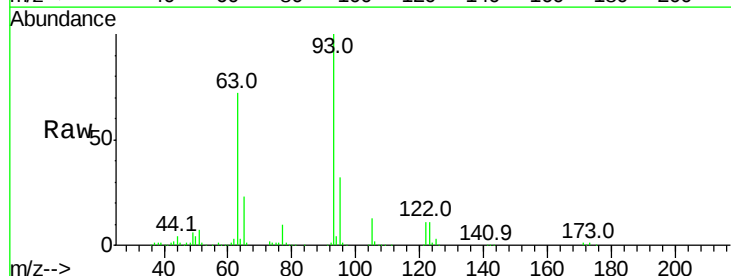


Time--> 7.62 7.64 7.66 7.68 7.70

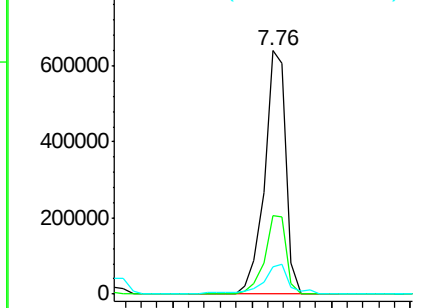


#28
 bis(2-Chloroethoxy)methane
 Concen: 36.574 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

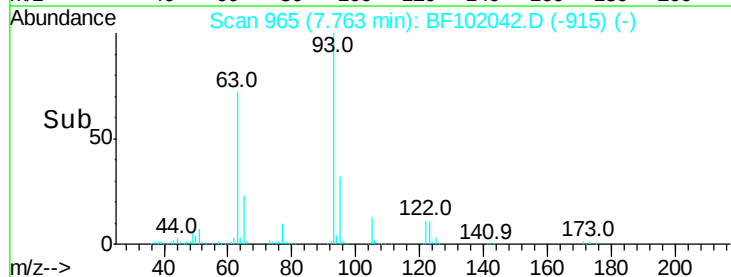
Tgt Ion: 93 Resp: 603484
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.3 39.5
 123 11.4 9.8 14.6

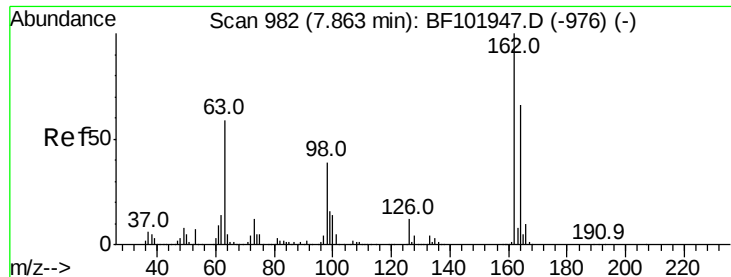


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E



Time--> 7.70 7.75 7.80





#29

2,4-Dichlorophenol

Concen: 37.981 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

Instrument :

BNA_F

ClientSampled :

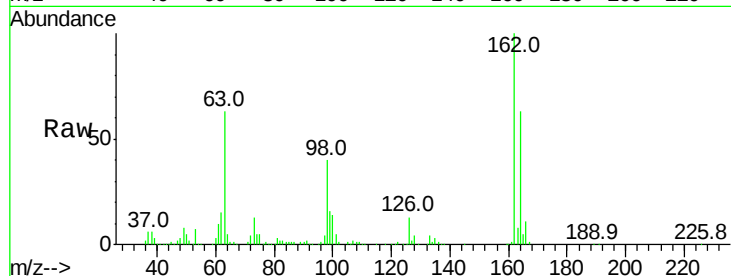
Tot Ion:162 Resp: 418952

Ion Ratio Lower Upper

162 100

164 63.0 42.7 82.7

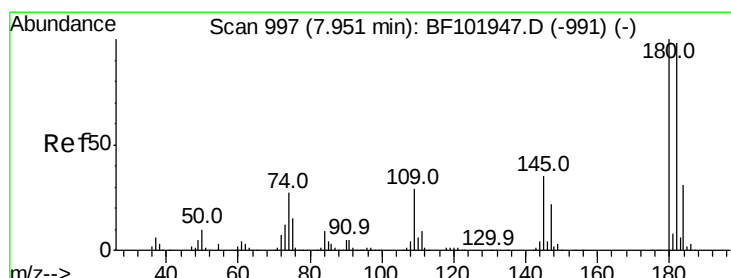
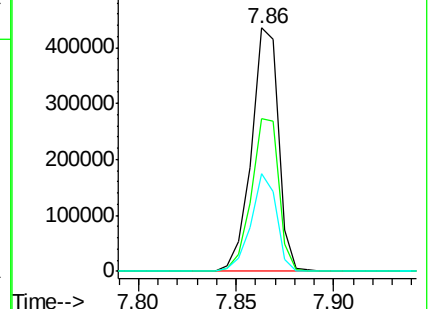
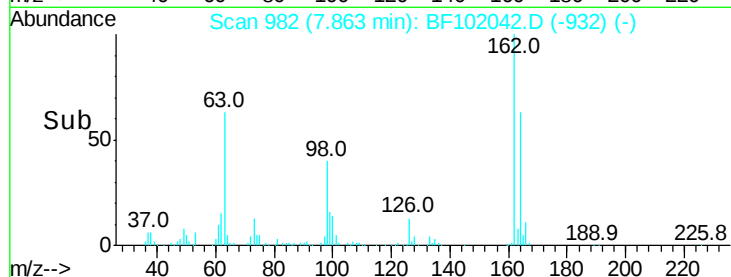
98 40.2 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.445 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

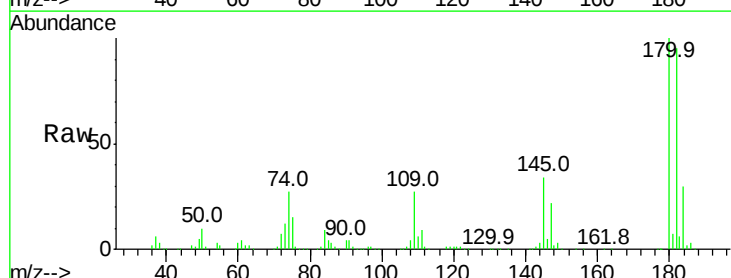
Tgt Ion:180 Resp: 443572

Ion Ratio Lower Upper

180 100

182 95.0 76.8 115.2

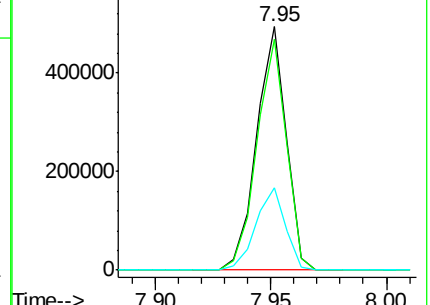
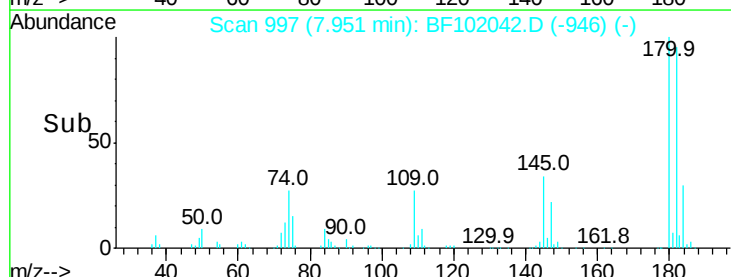
145 33.9 26.5 39.7

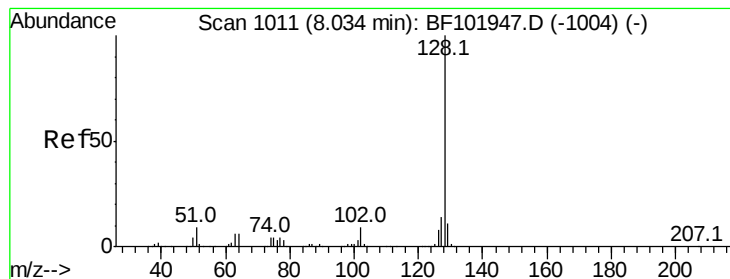


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.082 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

Instrument :

BNA_F

ClientSampled :

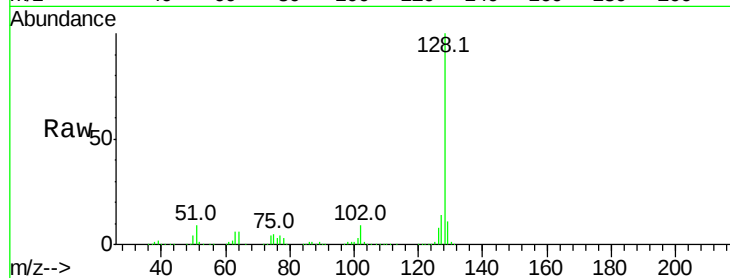
Tot Ion:128 Resp: 1505905

Ion Ratio Lower Upper

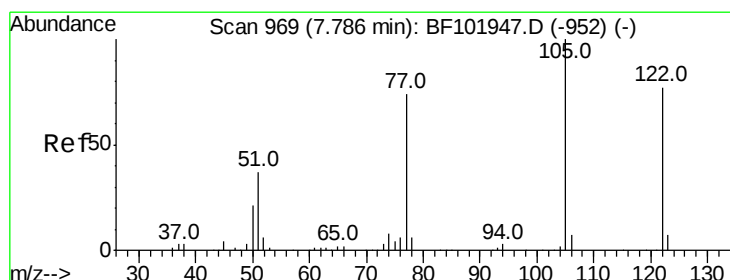
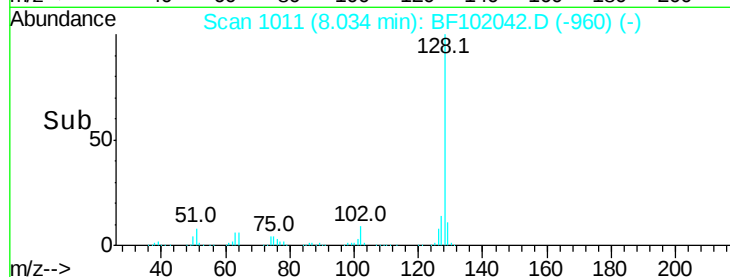
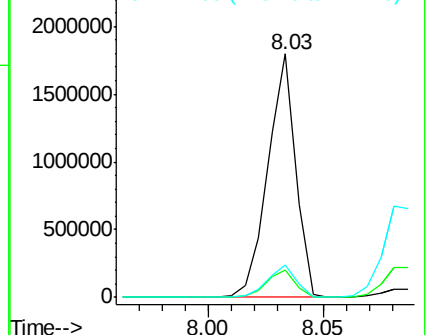
128 100

129 11.4 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: 36.662 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

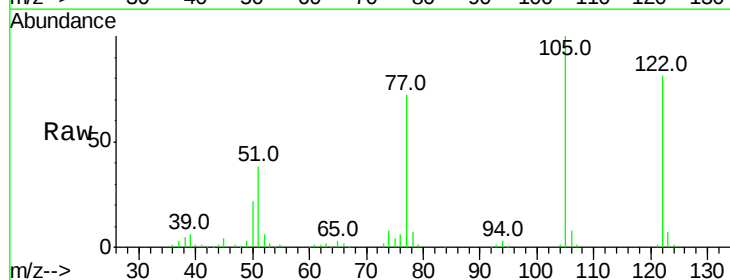
Tgt Ion:122 Resp: 322952

Ion Ratio Lower Upper

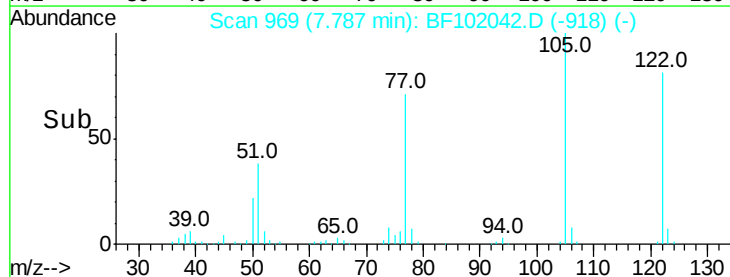
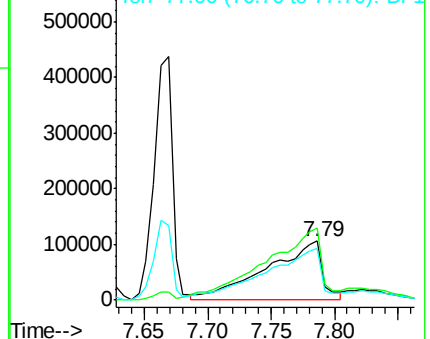
122 100

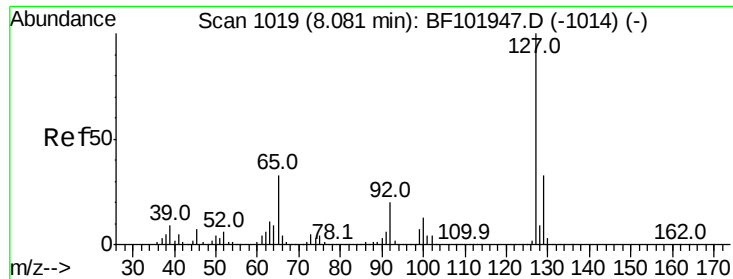
105 123.7 101.1 141.1

77 88.9 70.7 110.7



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

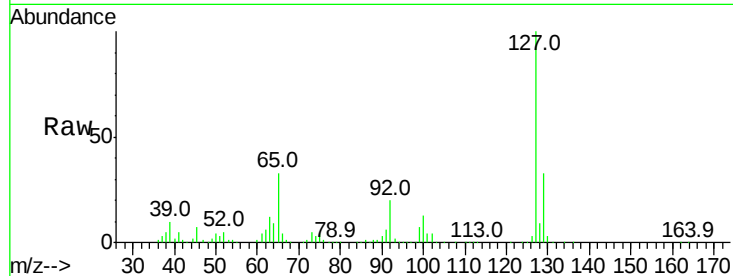




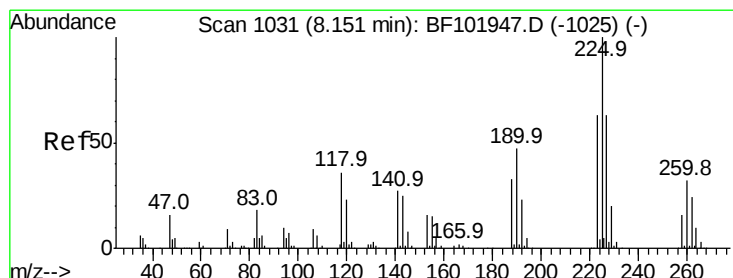
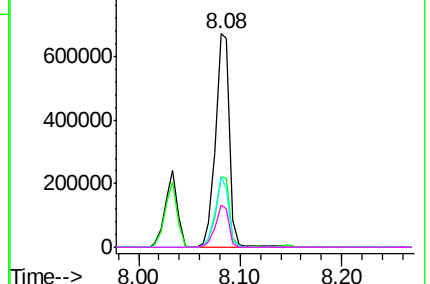
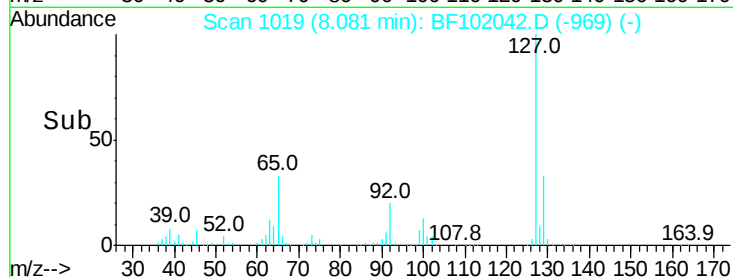
#33
4-Chloroaniline
Concen: 37.745 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF102042.D
Acq: 12 Jan 2018 14:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	654251
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	33.1	25.0	37.4
92	19.8	15.2	22.8

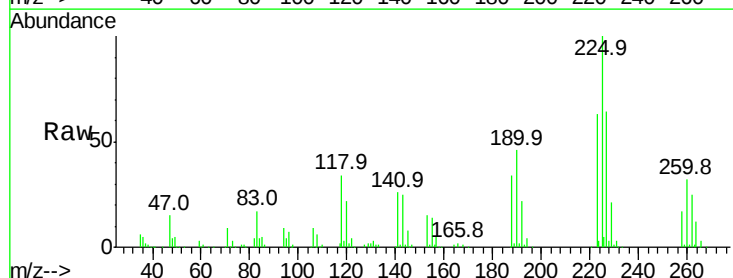


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

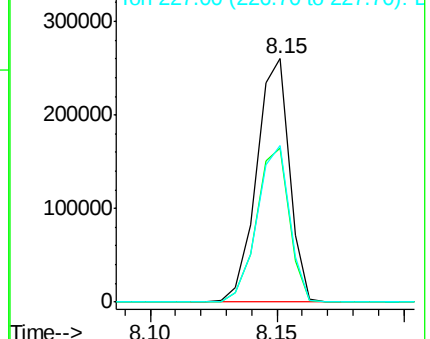
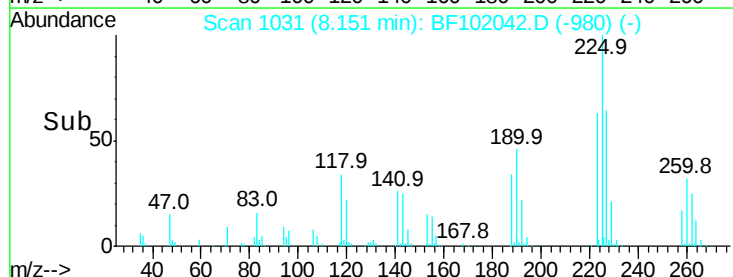


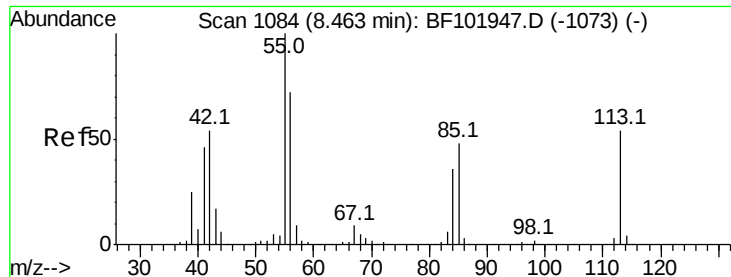
#34
Hexachlorobutadiene
Concen: 38.641 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF102042.D
Acq: 12 Jan 2018 14:51

Tgt Ion:	225	Resp:	235992
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	64.5	51.9	77.9



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





#35

Caprolactam

Concen: 38.912 ng

RT: 8.46 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

Instrument :

BNA_F

ClientSampleId :

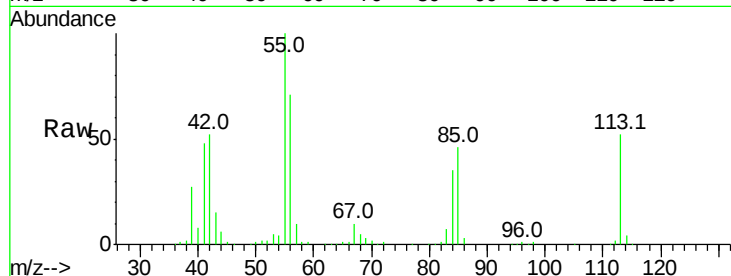
Tot Ion:113 Resp: 147350

Ion Ratio Lower Upper

113 100

55 191.4 163.3 203.3

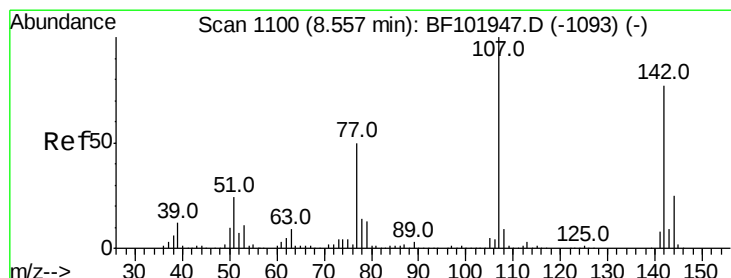
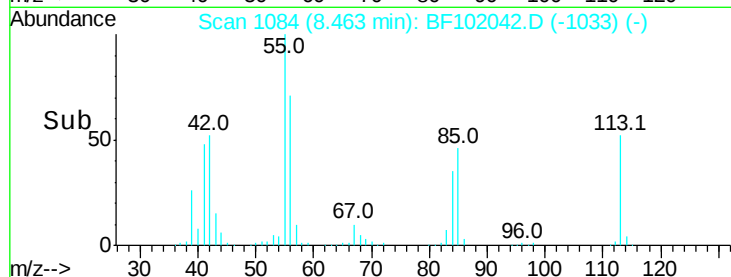
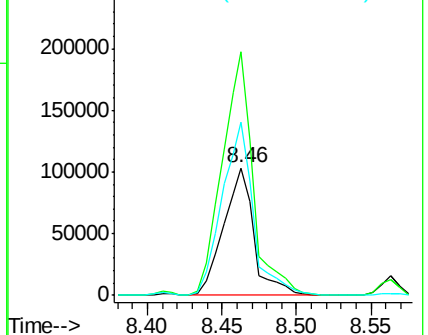
56 136.7 115.7 155.7



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: 38.222 ng

RT: 8.56 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

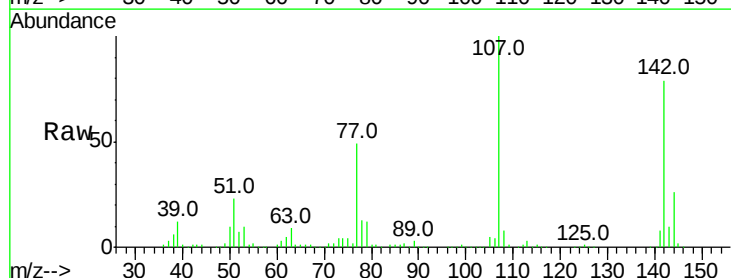
Tgt Ion:107 Resp: 461507

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

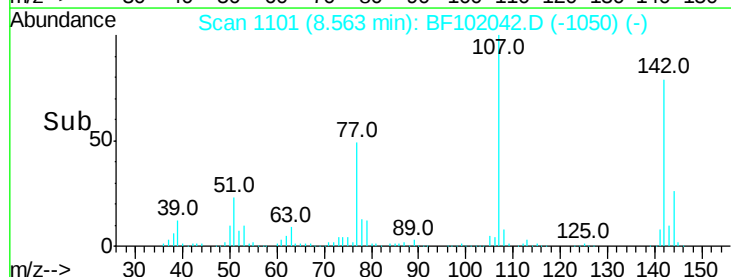
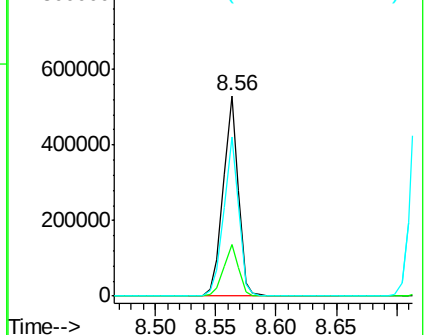
142 79.4 62.0 93.0

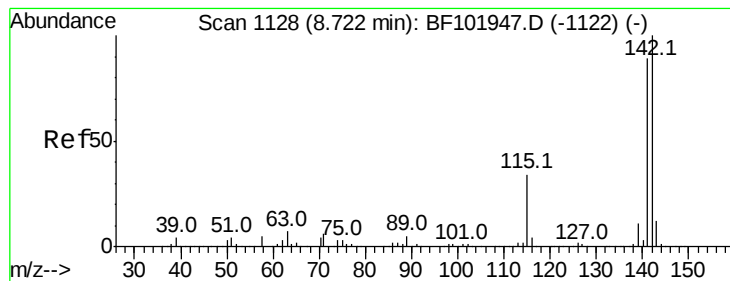


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

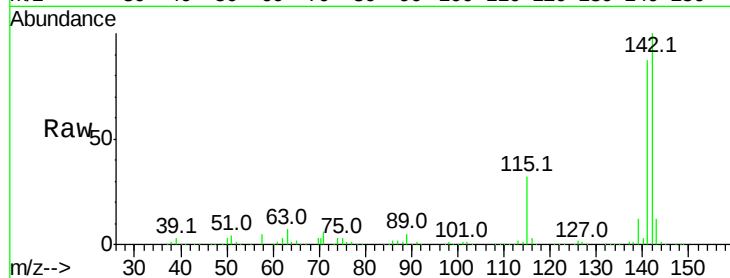




#37
2-Methylnaphthalene
Concen: 37.357 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF102042.D
Acq: 12 Jan 2018 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.8	106.2
115	32.2	26.1	39.1

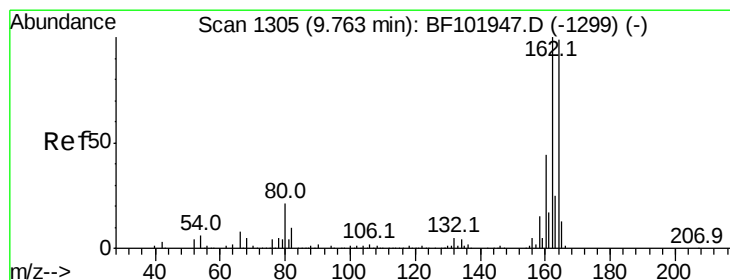
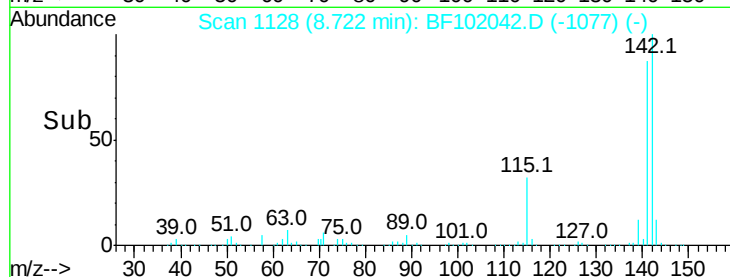
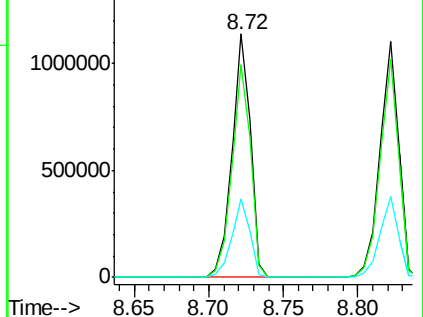


Abundance

Ion 142.00 (141.70 to 142.70): E

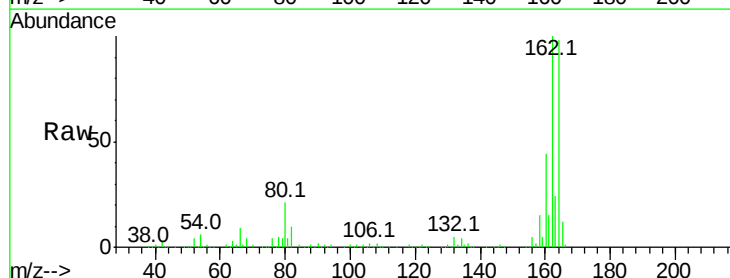
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF102042.D
Acq: 12 Jan 2018 14:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	45.3	38.3	57.5

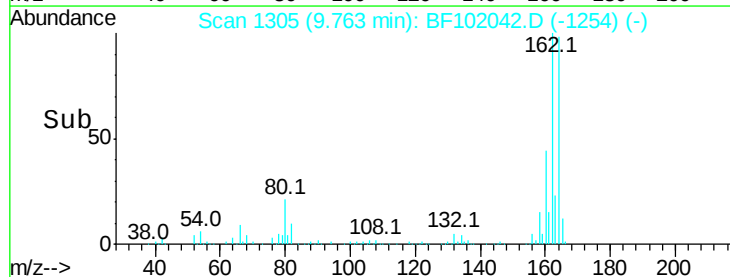
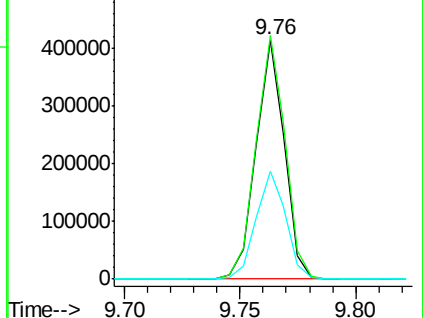


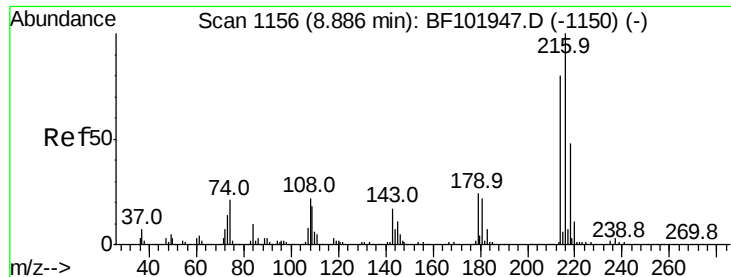
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.022 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 391737

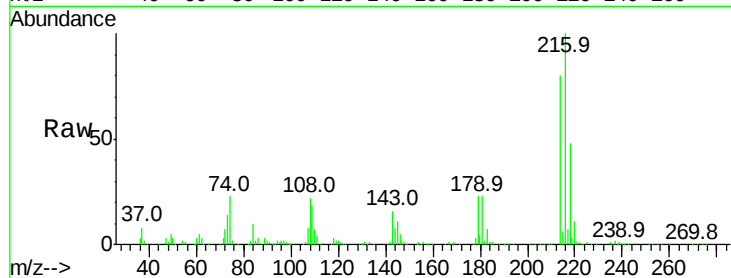
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 22.4 18.1 27.1

108 22.8 17.2 25.8

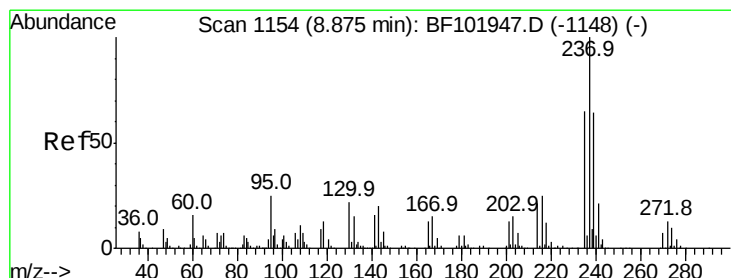
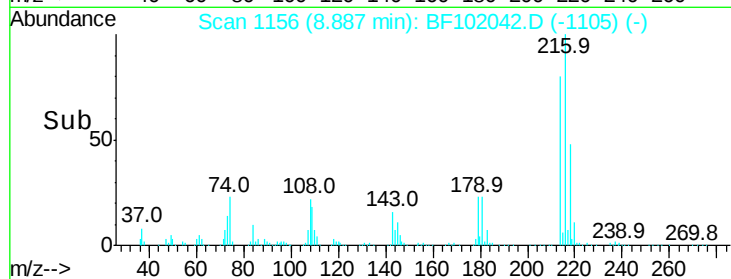
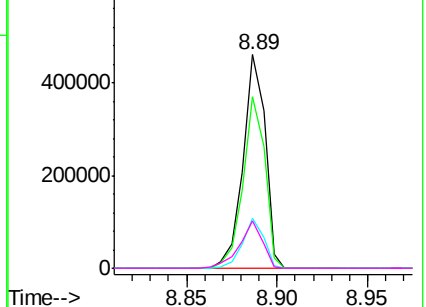


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.449 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

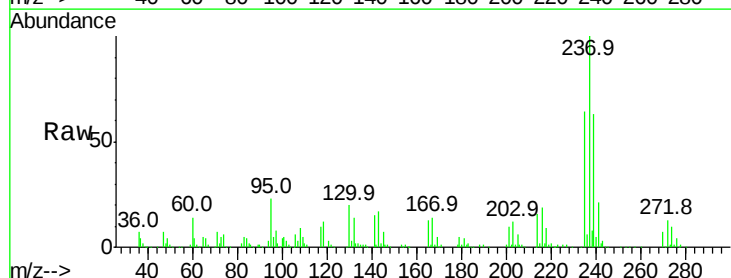
Tgt Ion:237 Resp: 227560

Ion Ratio Lower Upper

237 100

235 63.9 44.8 84.8

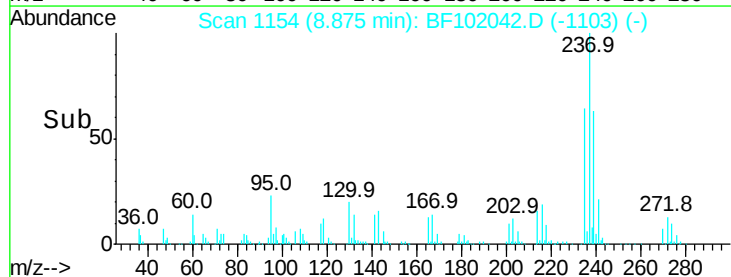
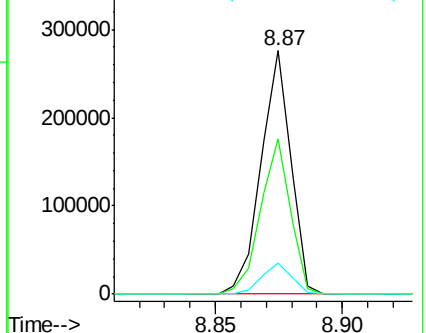
272 12.6 0.0 33.3

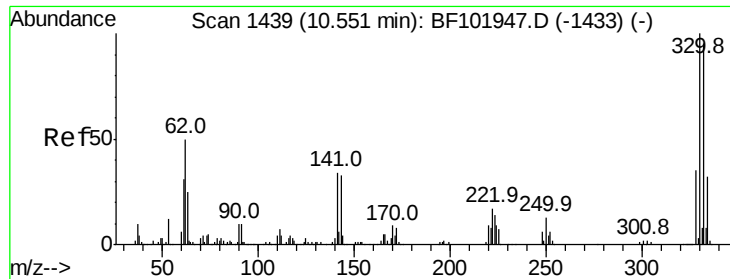


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

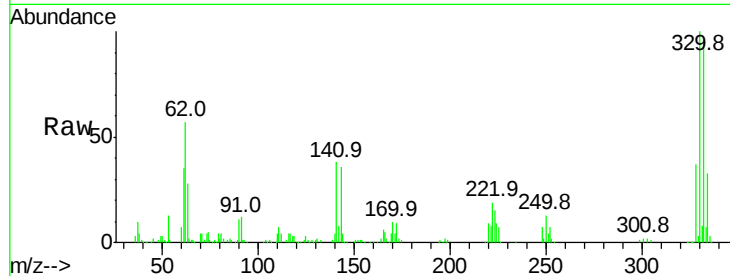




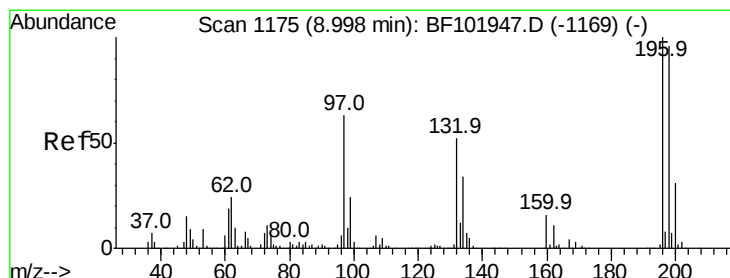
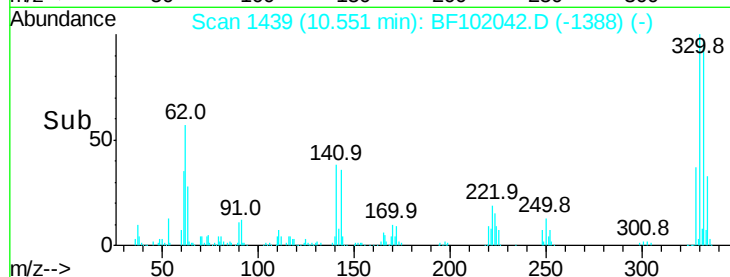
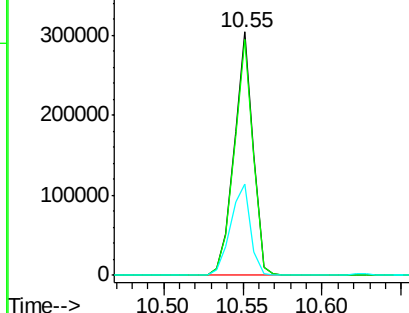
#41
 2,4,6-Tribromophenol
 Concen: 81.149 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	39.6	29.9	44.9

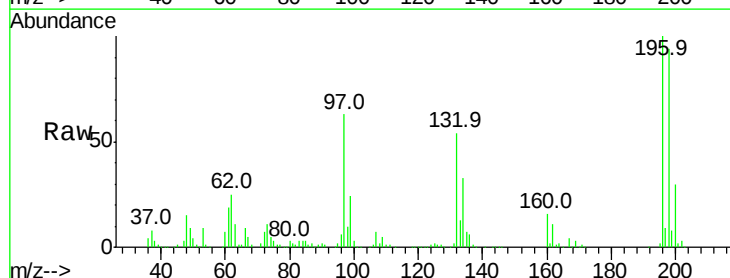


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

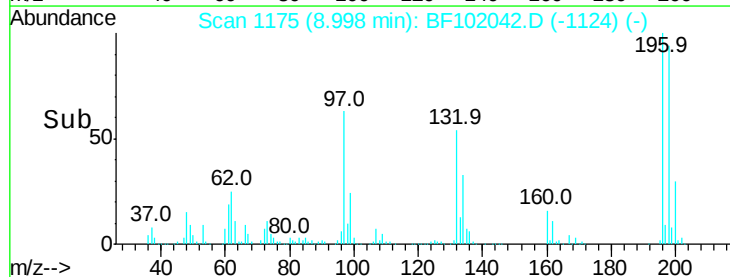
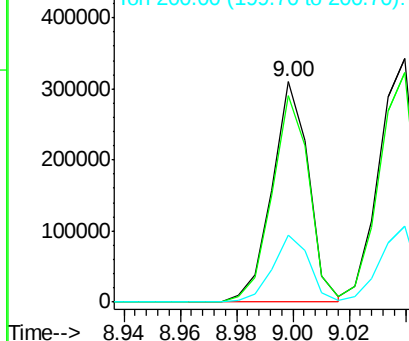


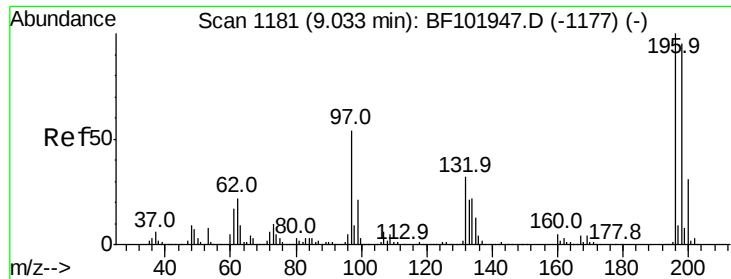
#42
 2,4,6-Trichlorophenol
 Concen: 40.255 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.7	113.5
200	30.3	24.5	36.7



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

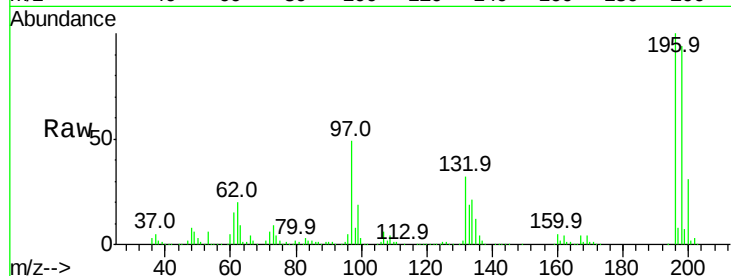




#43
 2,4,5-Trichlorophenol
 Concen: 40.705 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.4	74.6	112.0
97	48.8	42.9	64.3
132	31.8	26.3	39.5



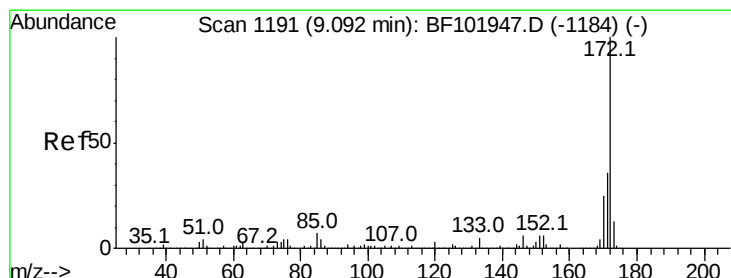
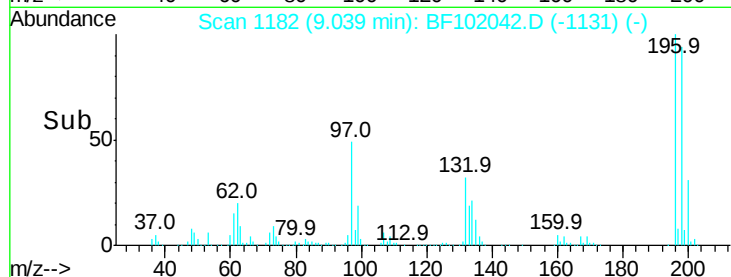
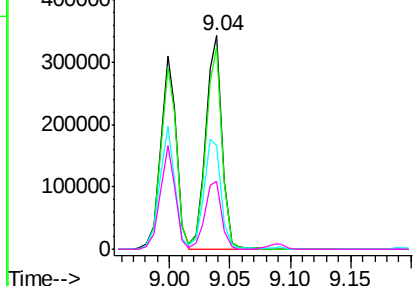
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

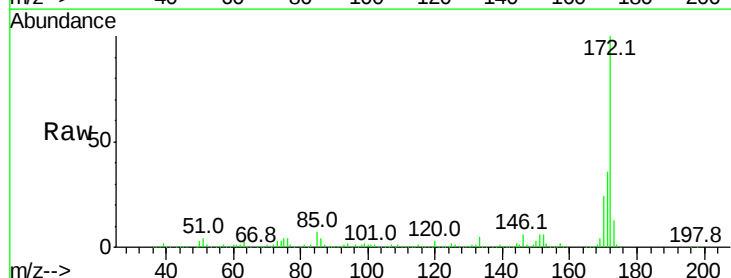
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.137 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	19.6	29.4

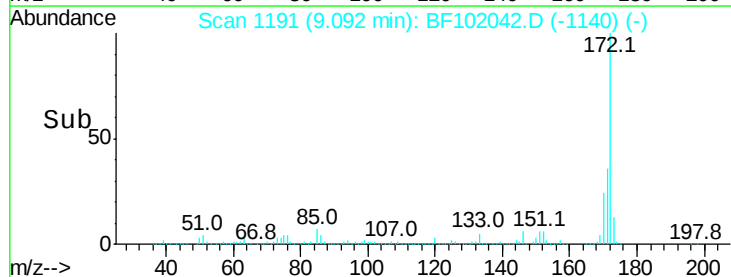
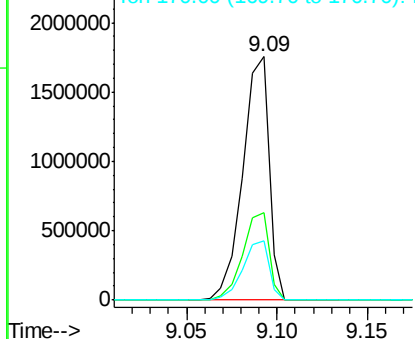


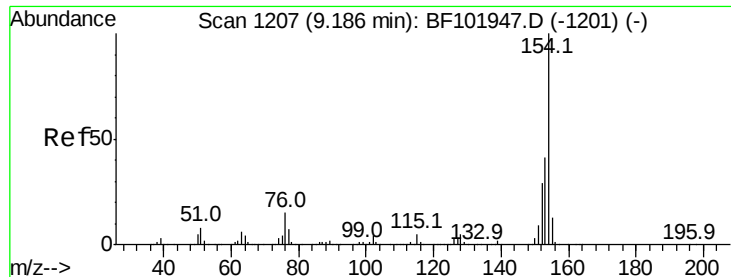
Abundance

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: 37.953 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

Instrument :

BNA_F

ClientSampleId :

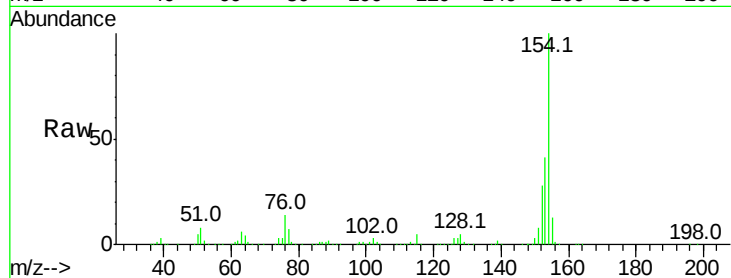
Tot Ion:154 Resp: 1190402

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

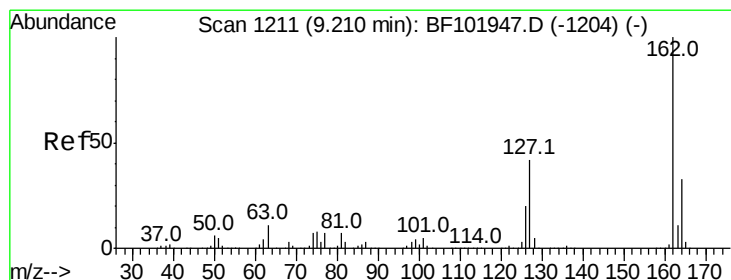
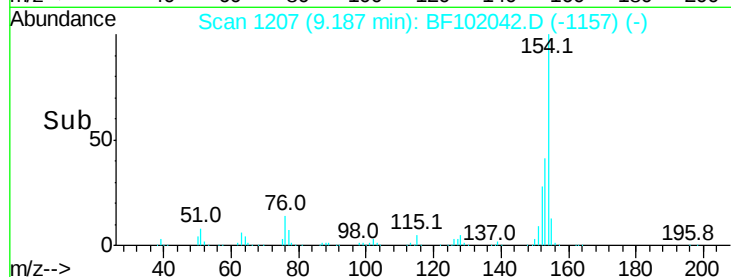
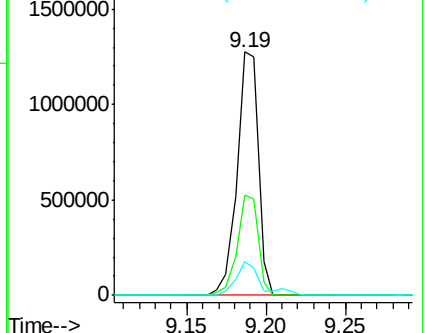
76 14.1 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 38.531 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

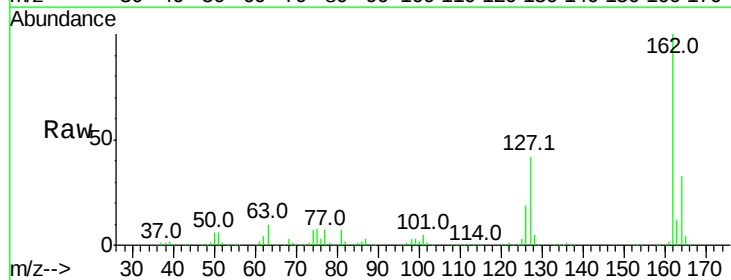
Tgt Ion:162 Resp: 937146

Ion Ratio Lower Upper

162 100

127 41.5 33.9 50.9

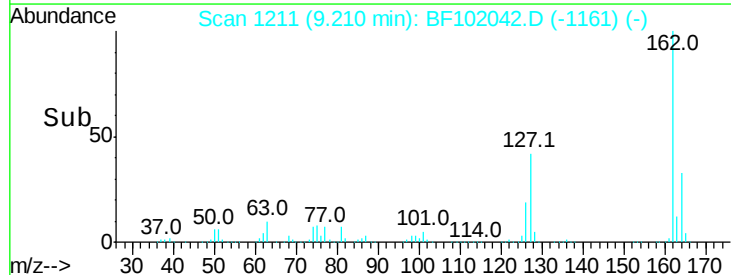
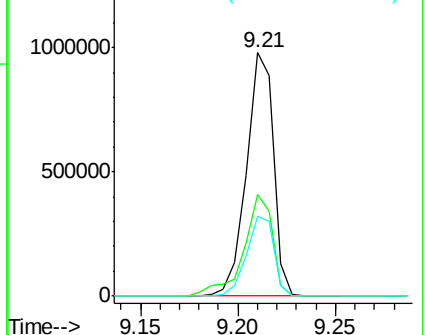
164 32.8 26.5 39.7

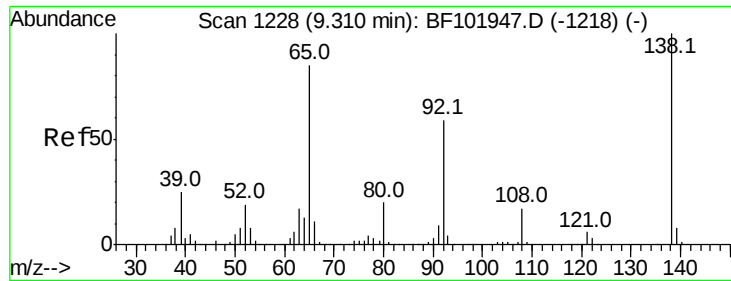


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

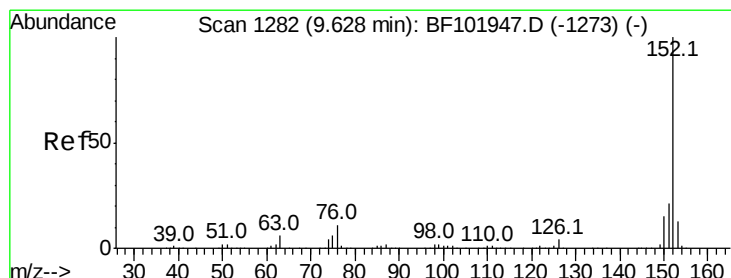
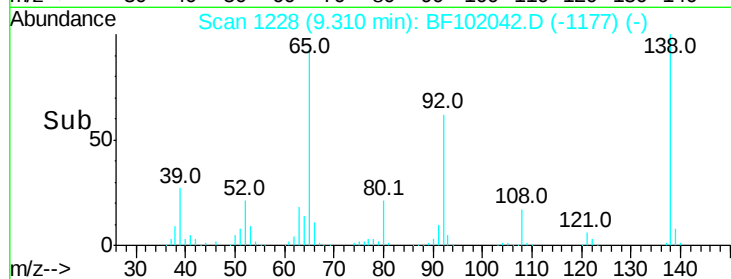
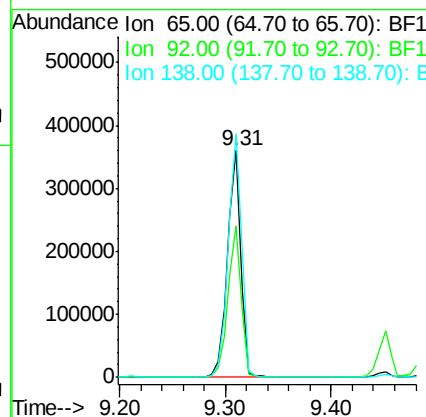
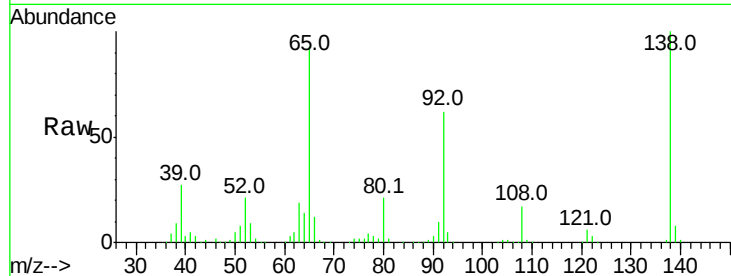




#47
 2-Nitroaniline
 Concen: 44.091 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

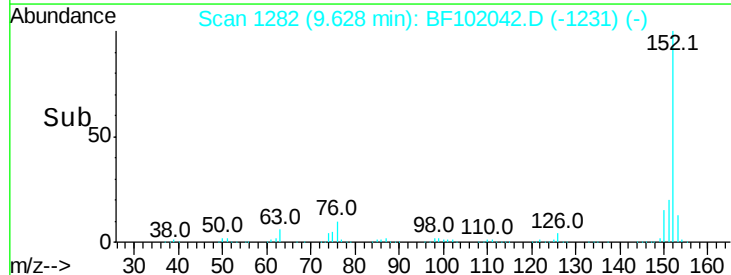
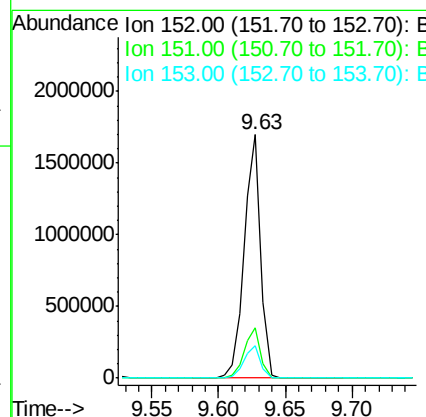
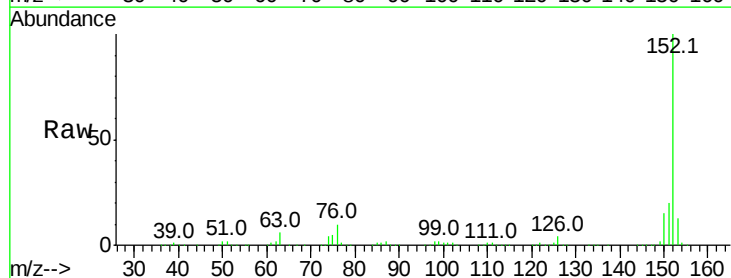
Instrument :
 BNA_F
 ClientSampleId :

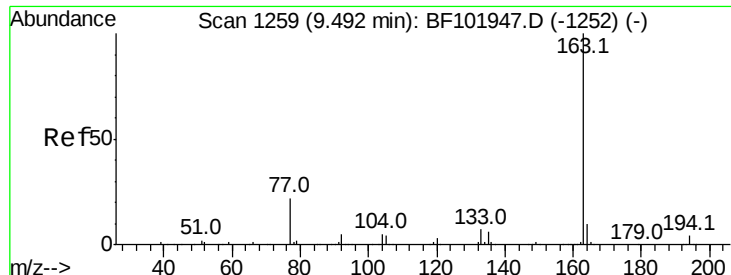
Tot Ion: 65 Resp: 321233
 Ion Ratio Lower Upper
 65 100
 92 66.7 55.8 83.6
 138 107.3 91.2 136.8



#48
 Acenaphthylene
 Concen: 37.471 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

Tgt Ion: 152 Resp: 1446339
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 37.990 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

Instrument :

BNA_F

ClientSampleId :

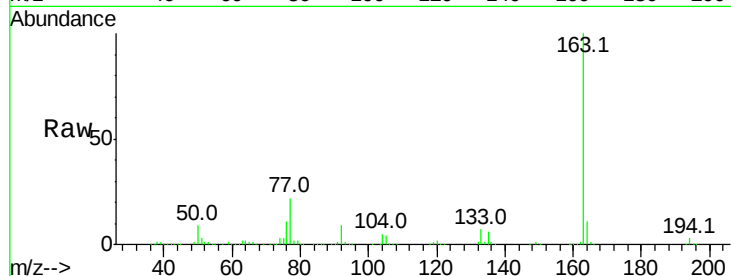
Tot Ion:163 Resp: 1081421

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

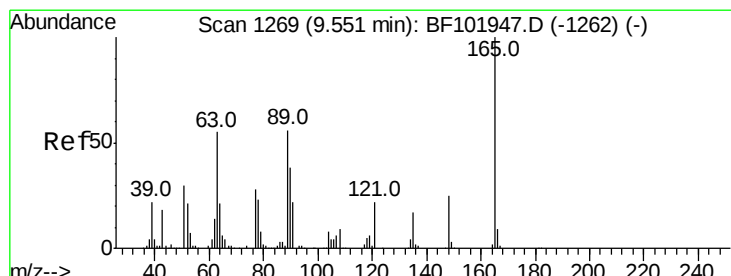
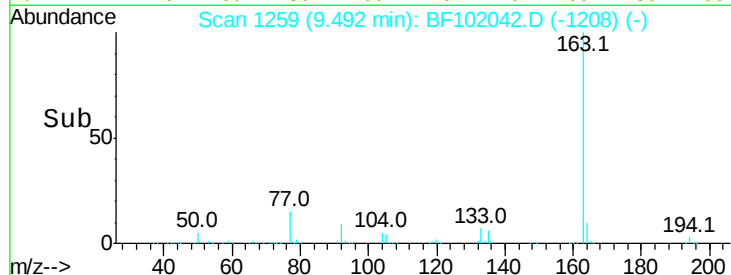
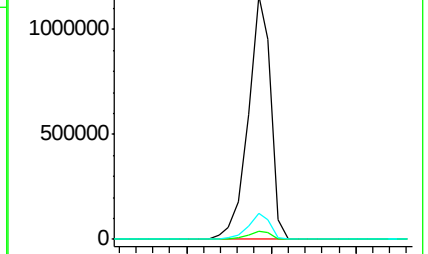
164 10.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.399 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

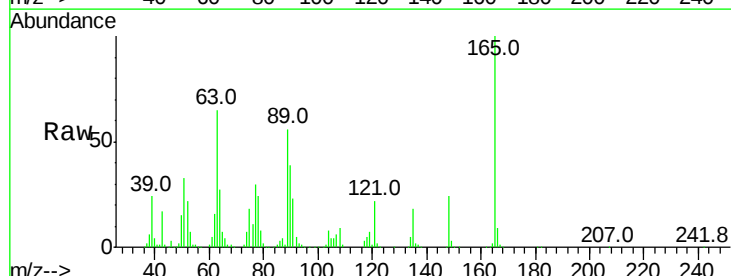
Tgt Ion:165 Resp: 246771

Ion Ratio Lower Upper

165 100

63 64.8 44.7 67.1

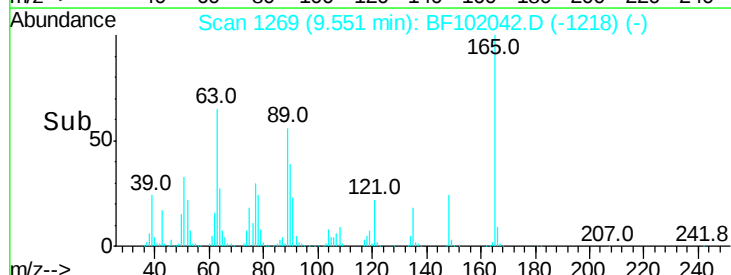
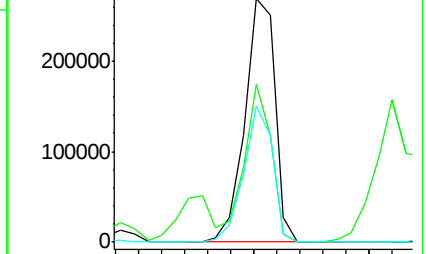
89 56.0 44.0 66.0

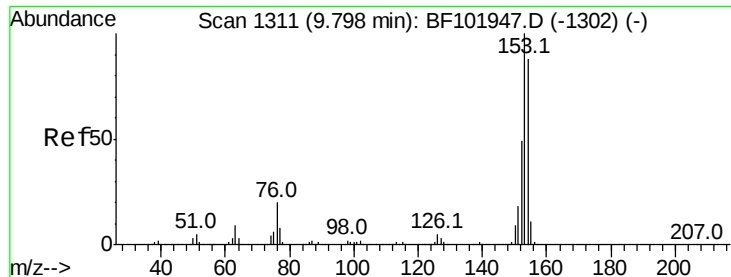


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.486 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

Instrument :
BNA_F
ClientSampled :

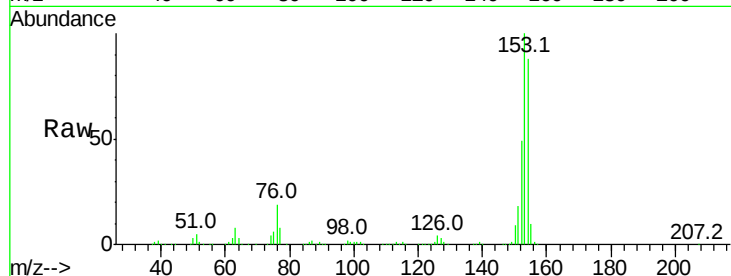
Tot Ion:154 Resp: 854780

Ion Ratio Lower Upper

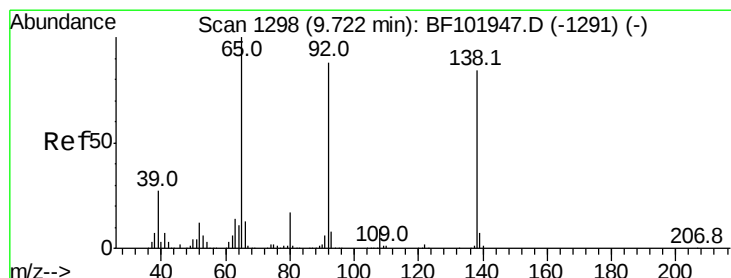
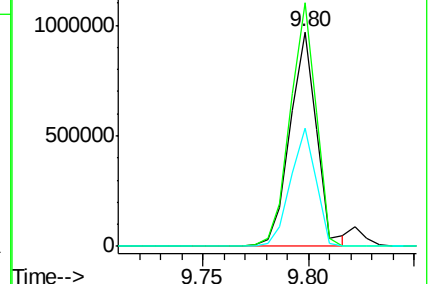
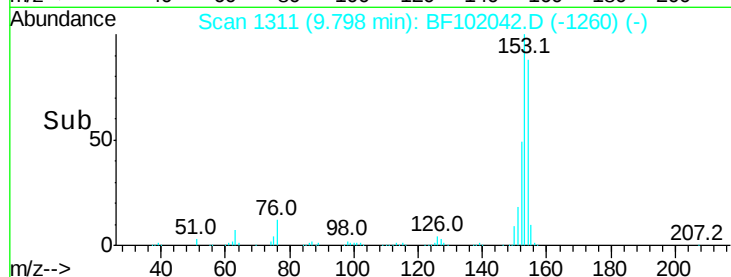
154 100

153 113.4 91.2 136.8

152 55.2 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: 42.050 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

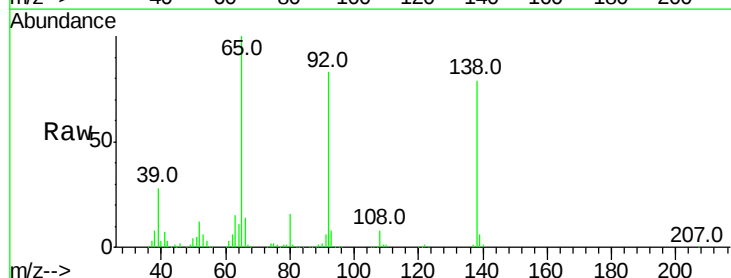
Tgt Ion:138 Resp: 301760

Ion Ratio Lower Upper

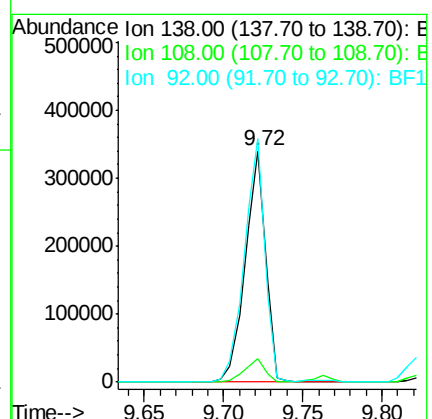
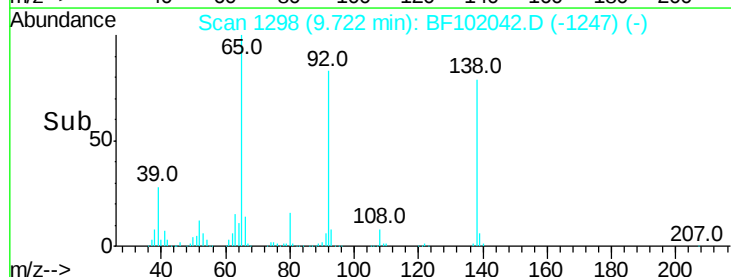
138 100

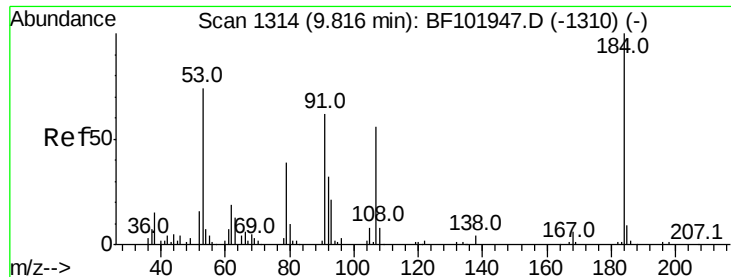
108 10.3 9.4 14.0

92 105.3 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

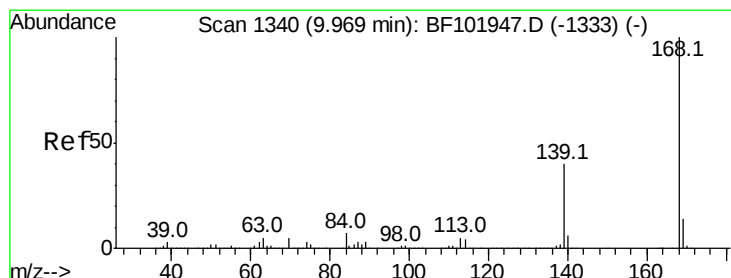
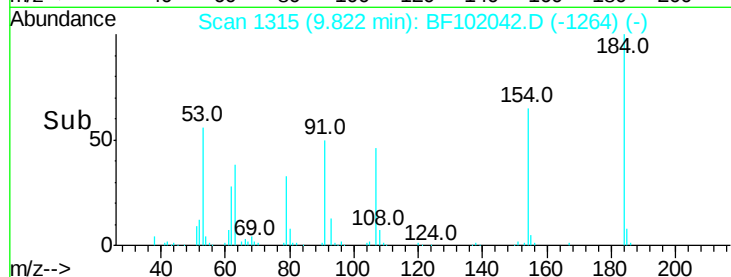
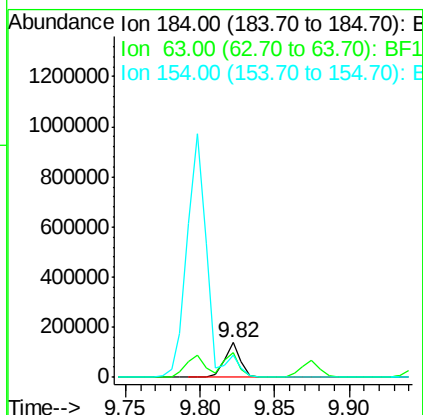
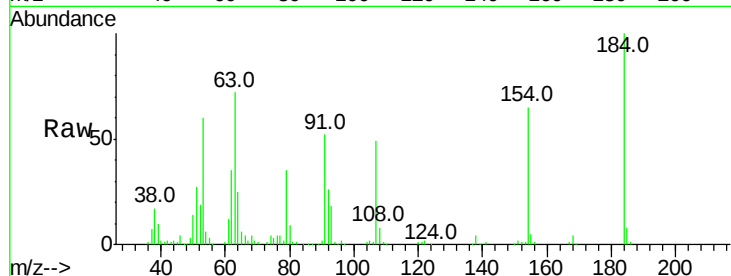




#53
 2,4-Dinitrophenol
 Concen: 52.869 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

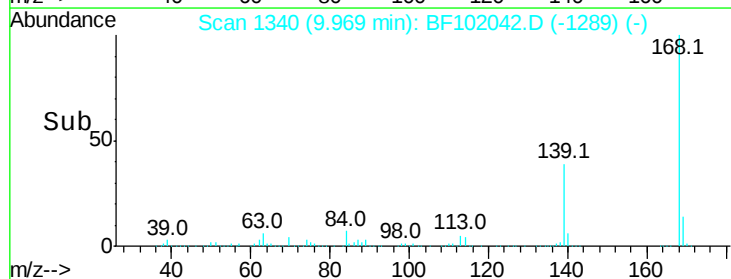
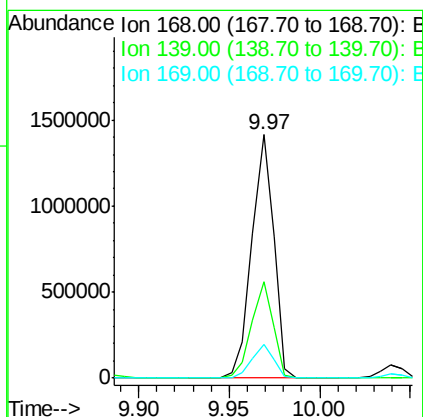
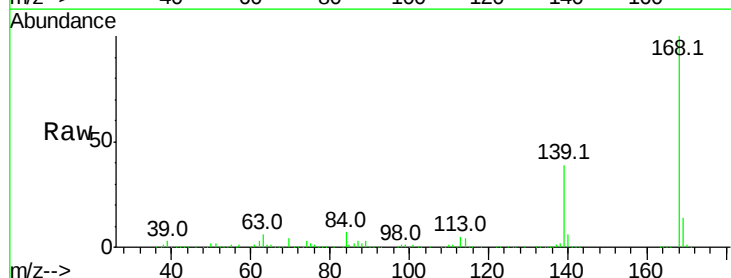
Instrument :
 BNA_F
 ClientSampleId :

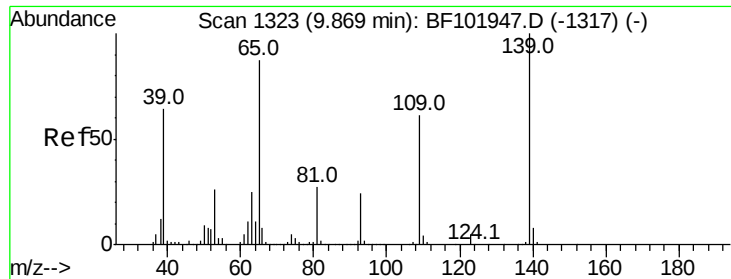
Tot Ion:184 Resp: 107729
 Ion Ratio Lower Upper
 184 100
 63 72.3 54.2 81.2
 154 65.1 184.0 276.0#



#54
 Dibenzofuran
 Concen: 37.215 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

Tgt Ion:168 Resp: 1196577
 Ion Ratio Lower Upper
 168 100
 139 39.4 30.1 45.1
 169 13.9 10.9 16.3

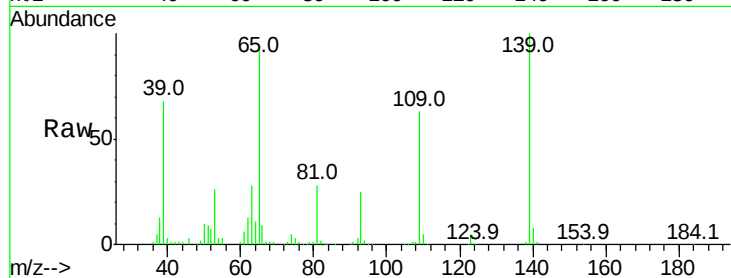




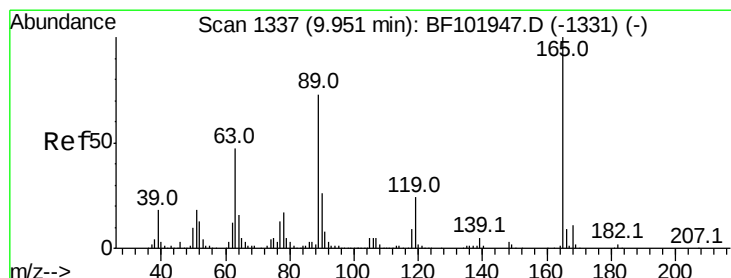
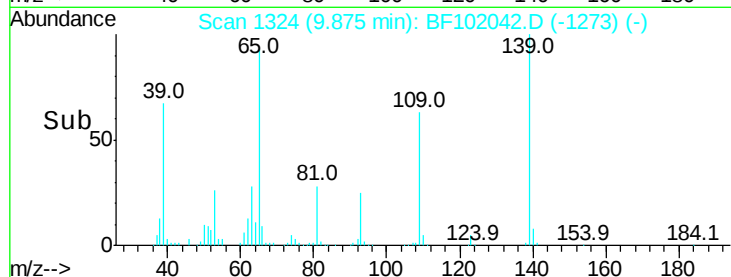
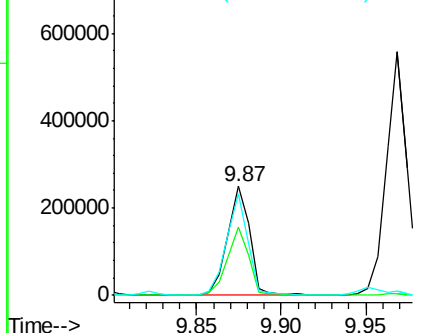
#55
4-Nitrophenol
Concen: 42.802 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF102042.D
Acq: 12 Jan 2018 14:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 228903
Ion Ratio Lower Upper
139 100
109 63.0 48.4 88.4
65 93.4 72.6 112.6

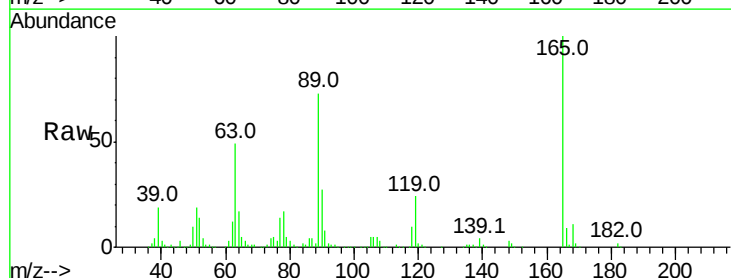


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

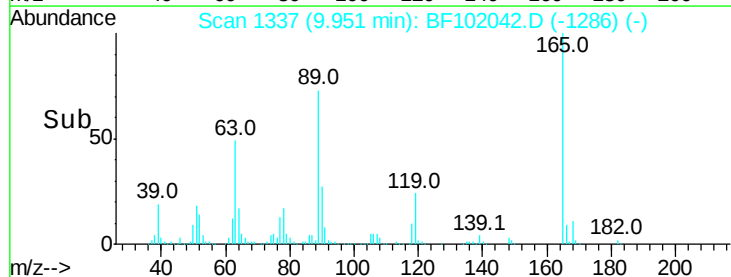
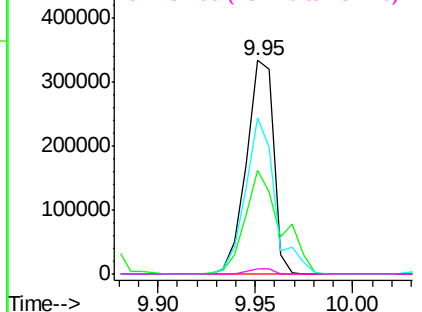


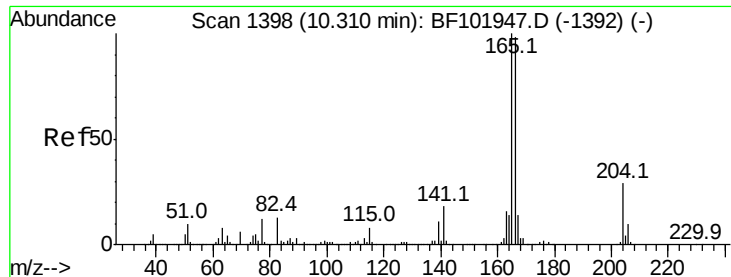
#56
2,4-Dinitrotoluene
Concen: 45.385 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF102042.D
Acq: 12 Jan 2018 14:51

Tgt Ion:165 Resp: 323453
Ion Ratio Lower Upper
165 100
63 48.6 36.4 54.6
89 73.3 57.8 86.6
182 2.3 1.6 2.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

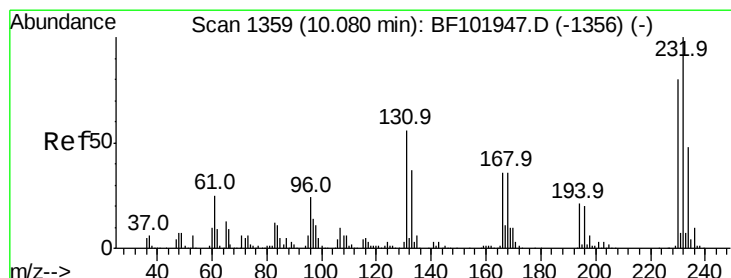
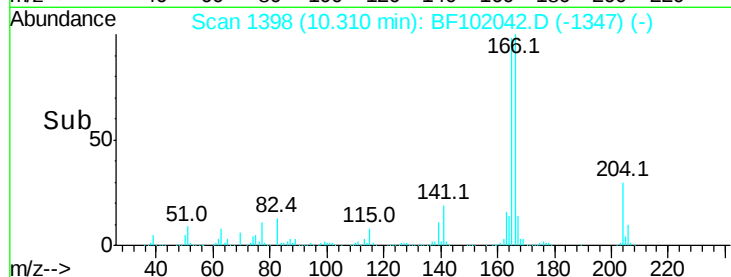
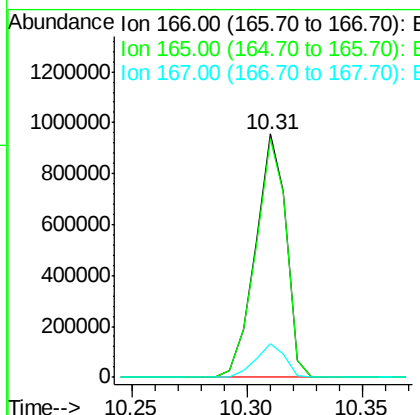
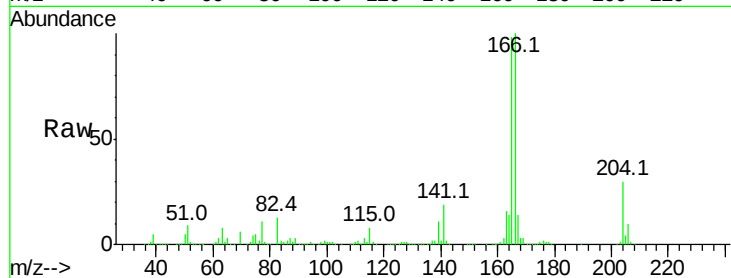




#57
Fluorene
 Concen: 39.685 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

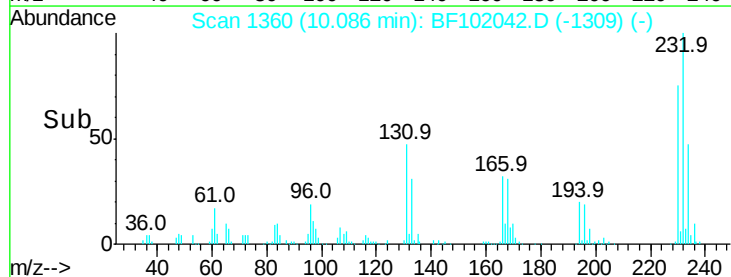
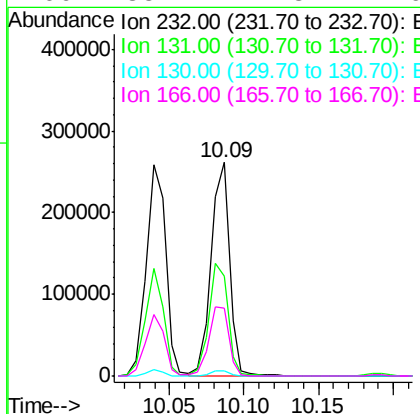
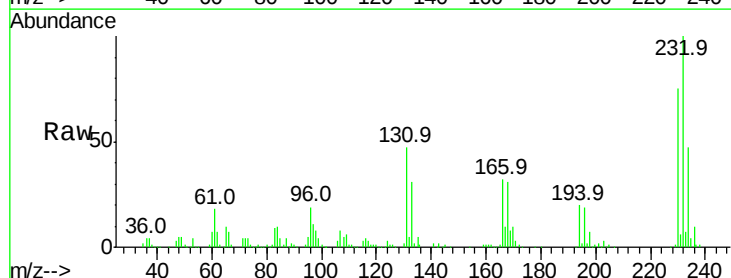
Instrument :
 BNA_F
 ClientSampleId :

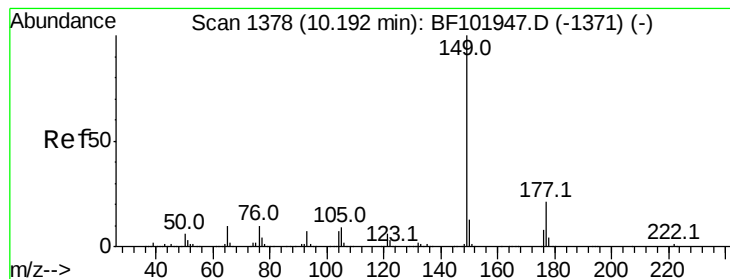
Tot Ion:166 Resp: 882086
 Ion Ratio Lower Upper
 166 100
 165 97.9 79.8 119.8
 167 13.7 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.283 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

Tgt Ion:232 Resp: 224234
 Ion Ratio Lower Upper
 232 100
 131 54.5 43.8 65.8
 130 2.6 2.1 3.1
 166 35.4 27.8 41.6





#59

Diethylphthalate

Concen: 37.617 ng

RT: 10.19 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

Instrument :

BNA_F

ClientSampled :

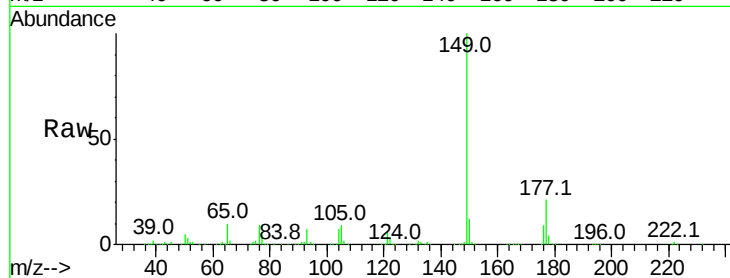
Tot Ion:149 Resp: 1065155

Ion Ratio Lower Upper

149 100

177 20.7 16.1 24.1

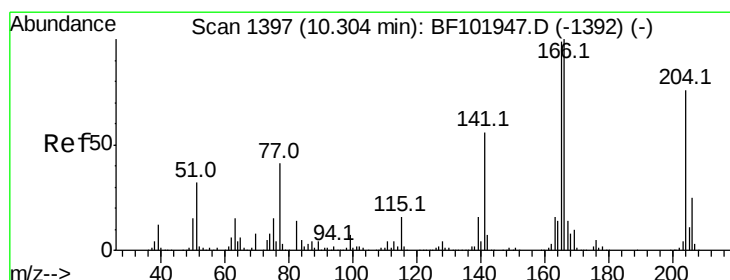
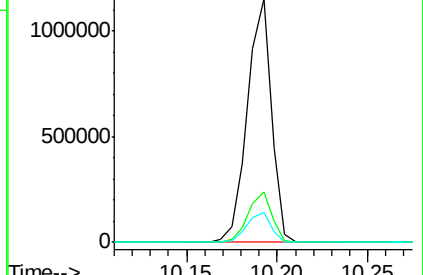
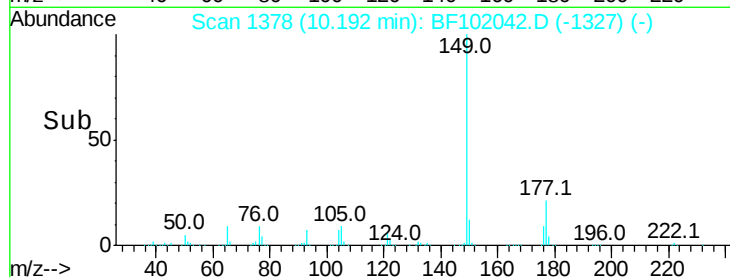
150 12.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.030 ng

RT: 10.30 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

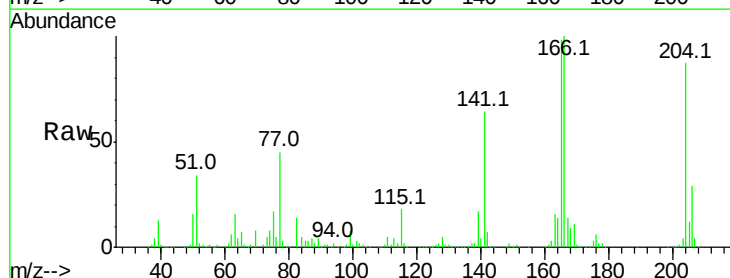
Tgt Ion:204 Resp: 369412

Ion Ratio Lower Upper

204 100

206 33.4 26.5 39.7

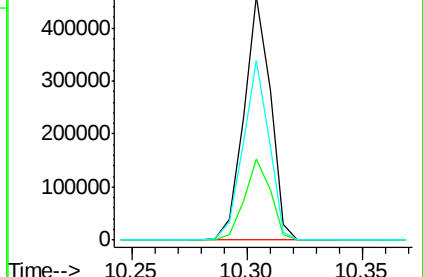
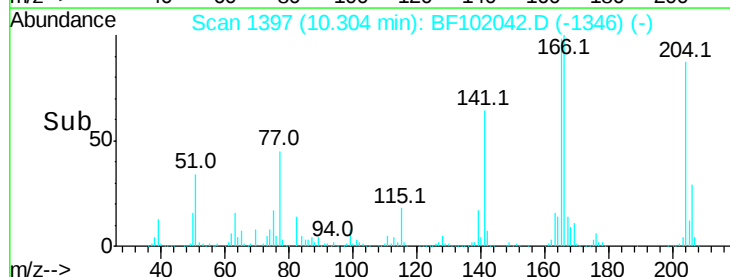
141 73.8 54.6 81.8

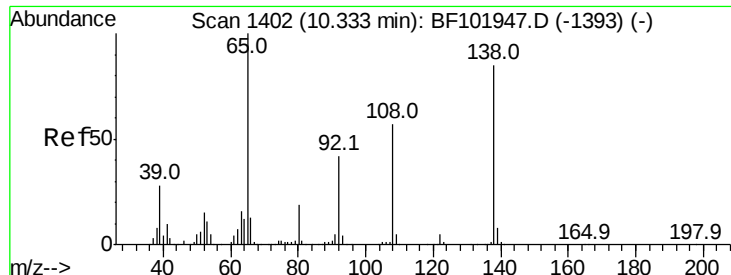


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

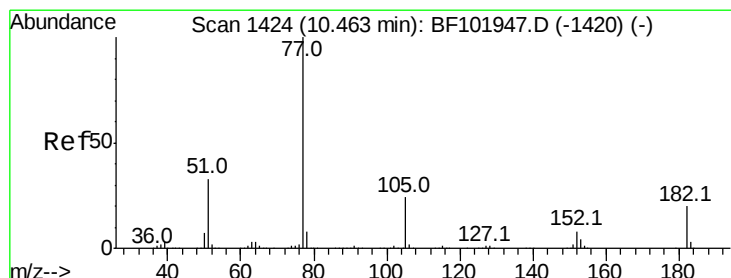
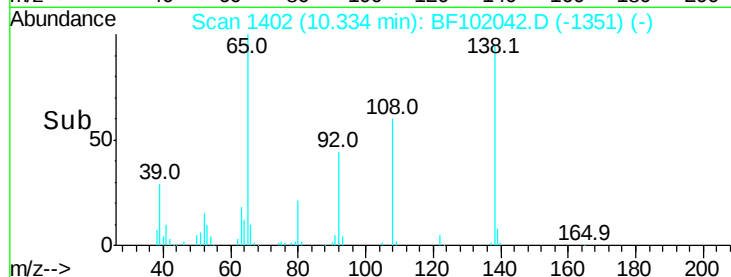
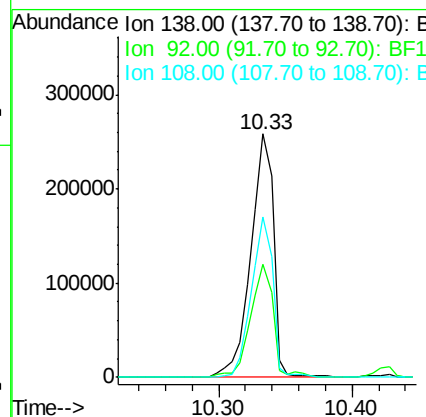
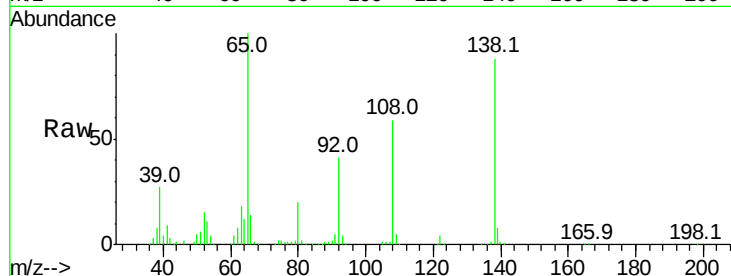




#61
4-Nitroaniline
Concen: 43.909 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF102042.D
Acq: 12 Jan 2018 14:51

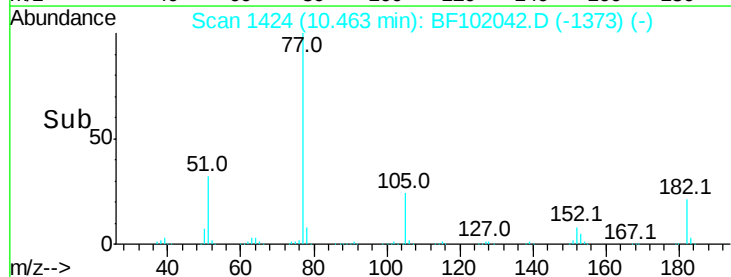
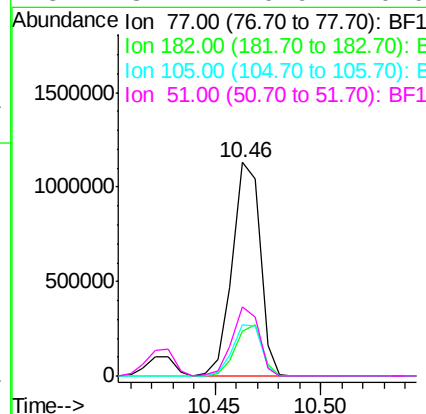
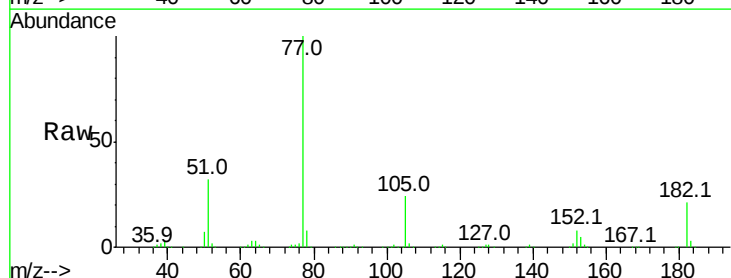
Instrument :
BNA_F
ClientSampleId :

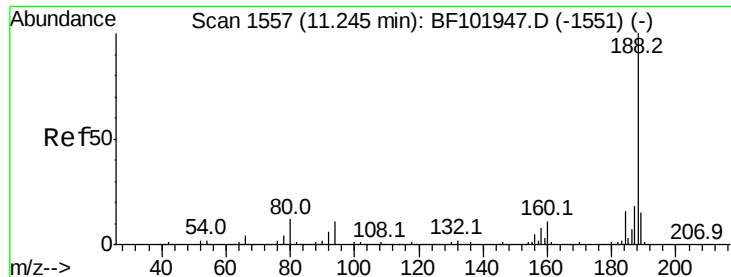
Tot Ion:138 Resp: 299044
Ion Ratio Lower Upper
138 100
92 46.6 30.2 70.2
108 66.1 52.5 92.5



#62
Azobenzene
Concen: 36.445 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102042.D
Acq: 12 Jan 2018 14:51

Tgt Ion: 77 Resp: 1026747
Ion Ratio Lower Upper
77 100
182 20.9 1.7 41.7
105 23.8 3.0 43.0
51 32.2 9.9 49.9

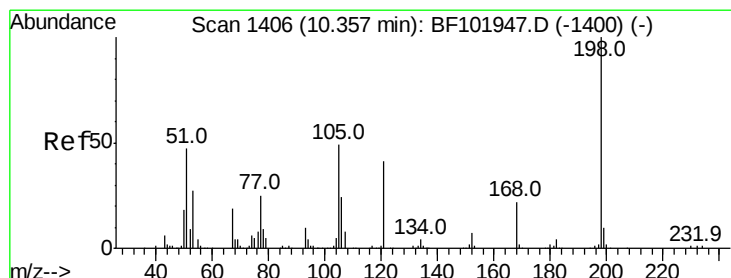
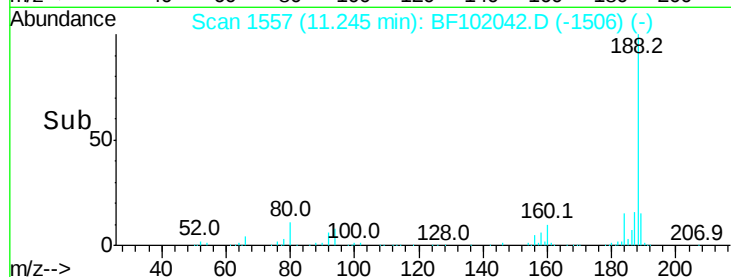
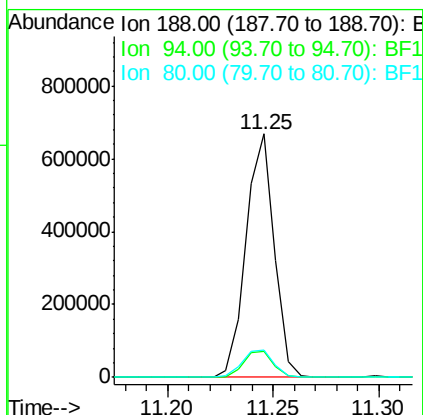
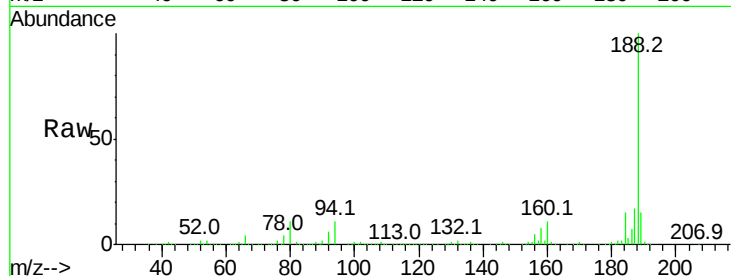




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF102042.D
Acq: 12 Jan 2018 14:51

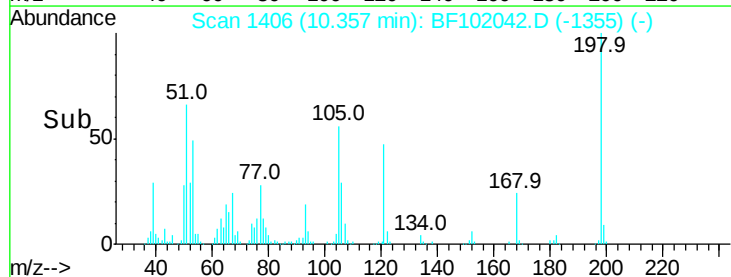
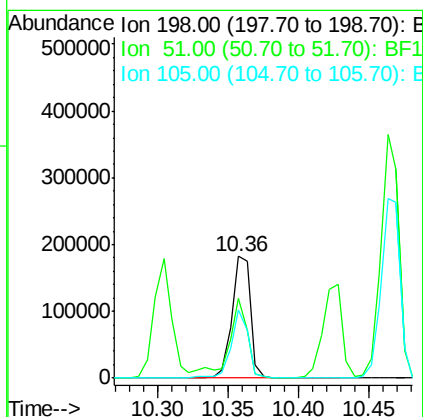
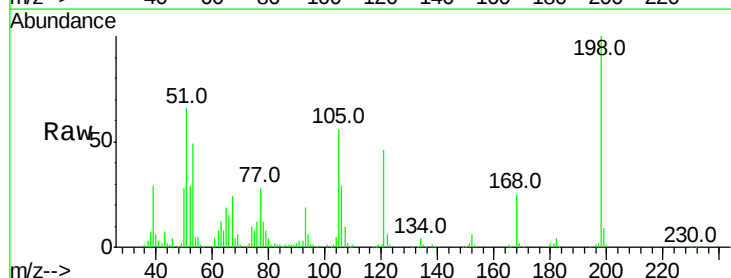
Instrument :
BNA_F
ClientSampleId :

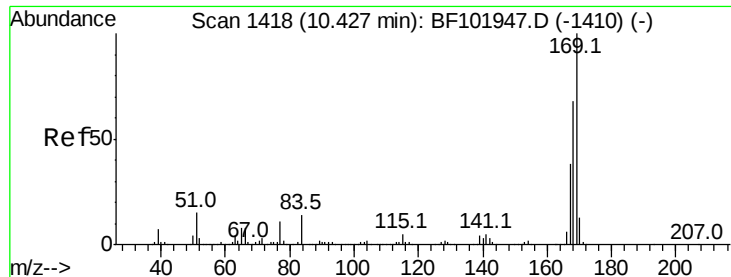
Tot Ion:188 Resp: 616921
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 49.796 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF102042.D
Acq: 12 Jan 2018 14:51

Tgt Ion:198 Resp: 167649
Ion Ratio Lower Upper
198 100
51 65.7 37.7 77.7
105 56.2 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 36.848 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

Instrument :

BNA_F

ClientSampleId :

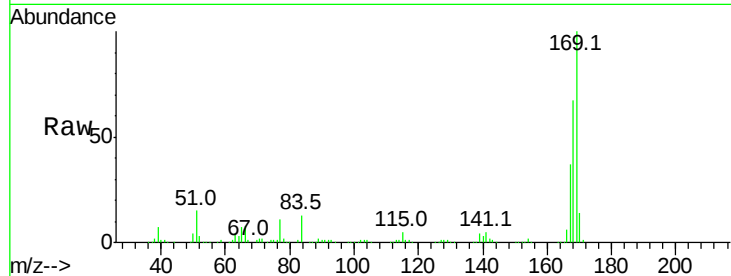
Tot Ion:169 Resp: 851244

Ion Ratio Lower Upper

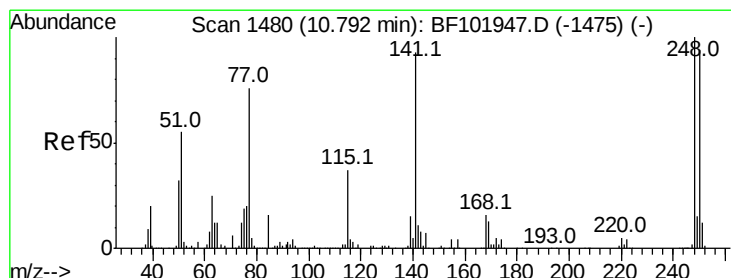
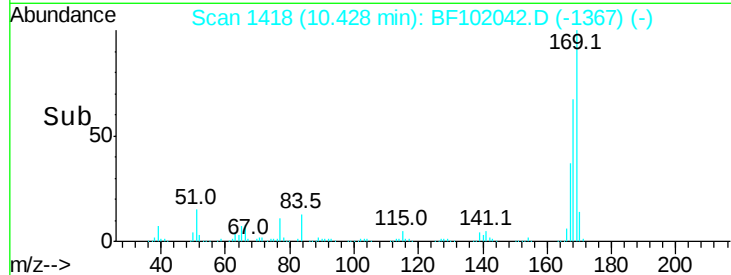
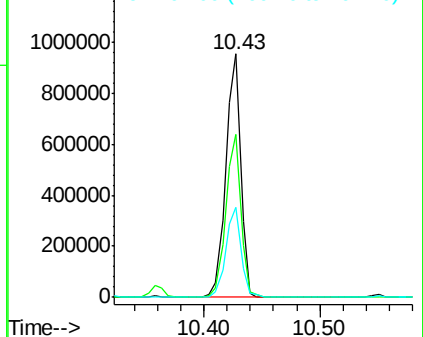
169 100

168 66.8 54.4 81.6

167 36.9 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: 38.452 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

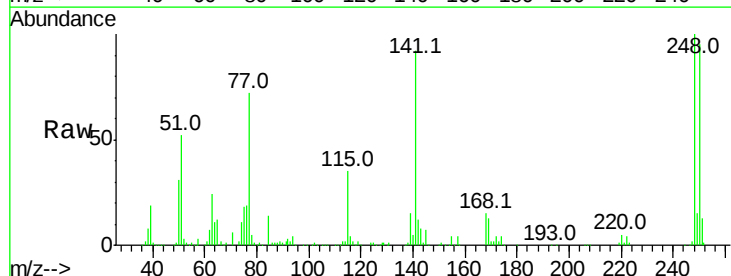
Tgt Ion:248 Resp: 250511

Ion Ratio Lower Upper

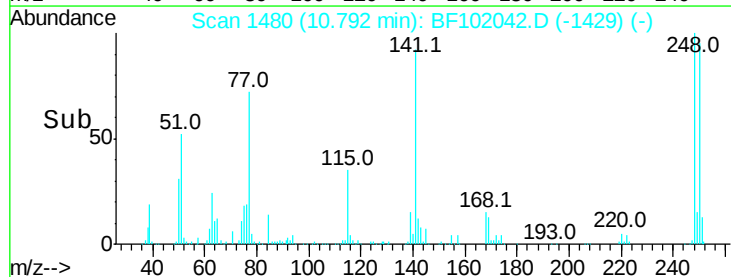
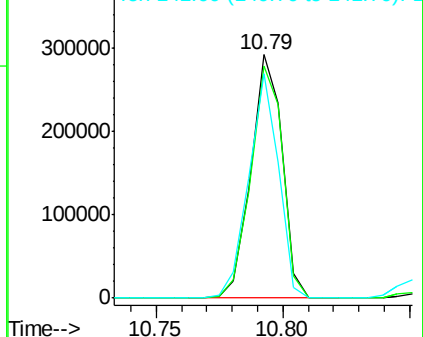
248 100

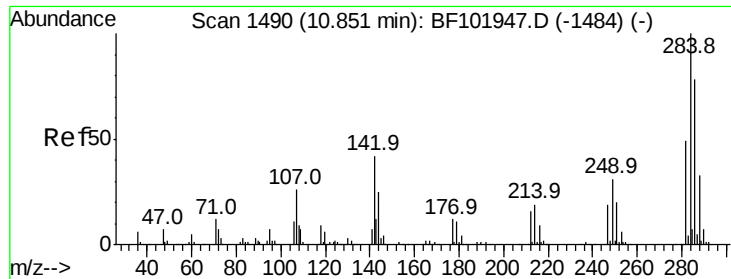
250 95.1 76.9 115.3

141 92.1 74.4 111.6



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

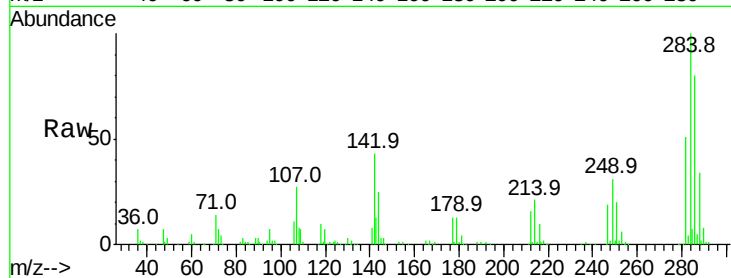




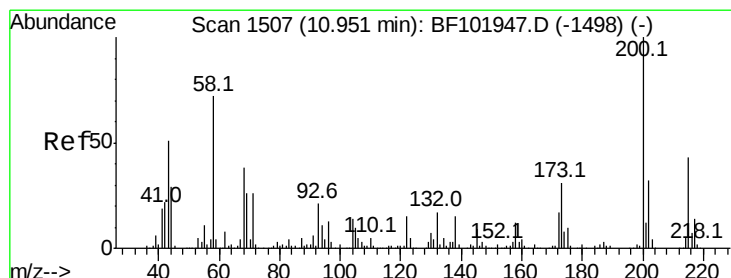
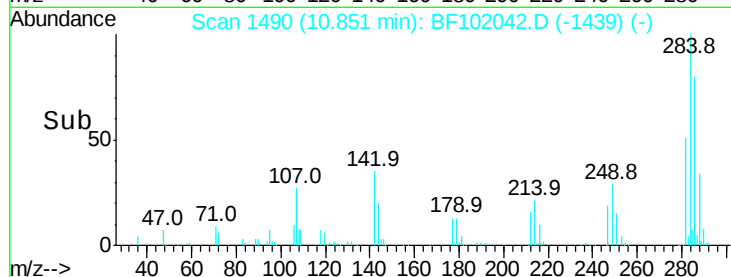
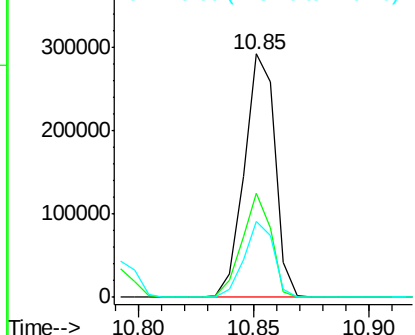
#67
Hexachlorobenzene
Concen: 38.188 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF102042.D
Acq: 12 Jan 2018 14:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 271603
Ion Ratio Lower Upper
284 100
142 42.6 34.6 52.0
249 31.1 24.8 37.2

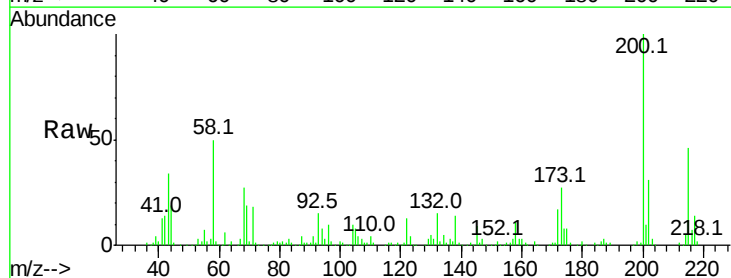


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

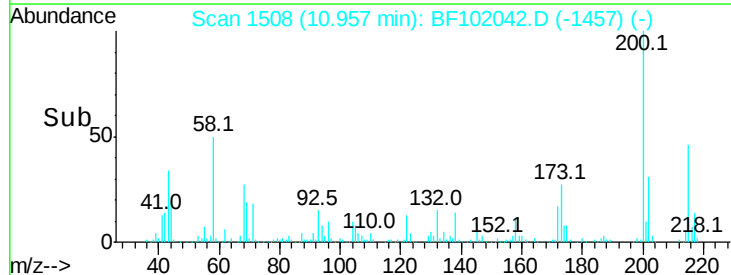
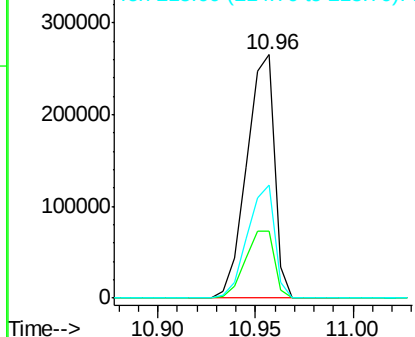


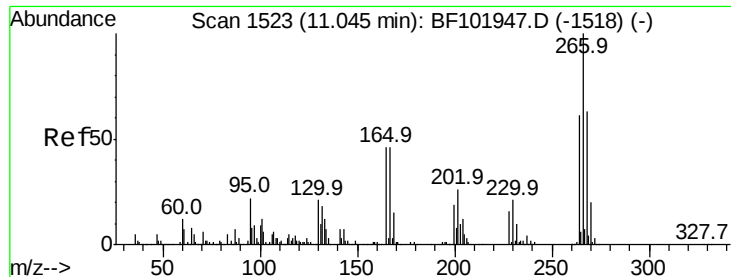
#68
Atrazine
Concen: 39.362 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF102042.D
Acq: 12 Jan 2018 14:51

Tgt Ion:200 Resp: 262785
Ion Ratio Lower Upper
200 100
173 27.4 8.6 48.6
215 46.4 25.1 65.1



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

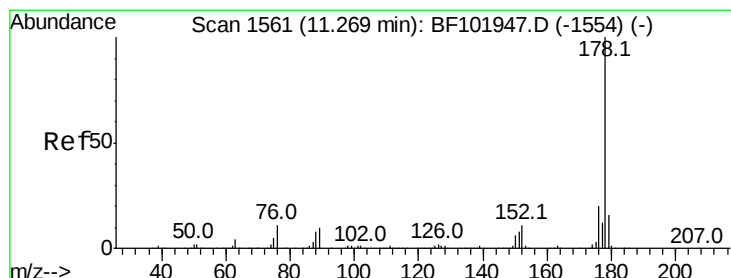
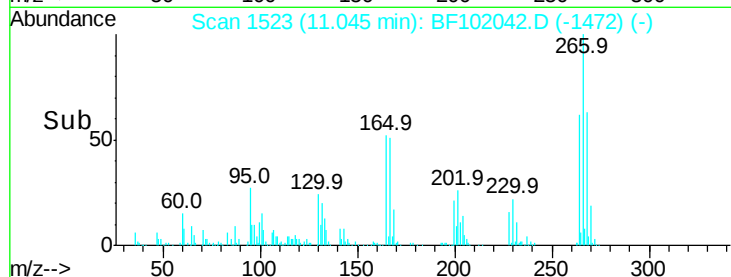
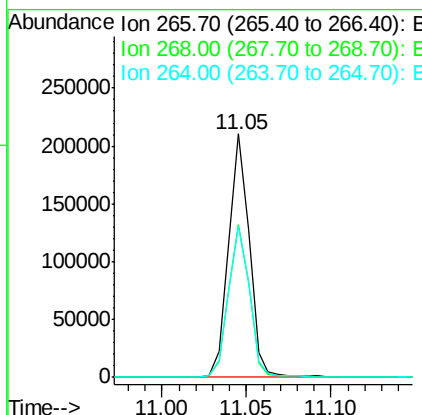
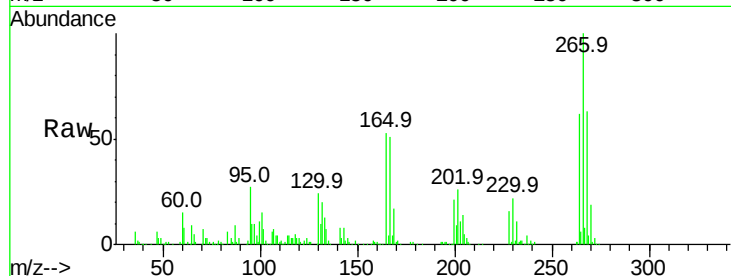




#69
 Pentachlorophenol
 Concen: 41.361 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

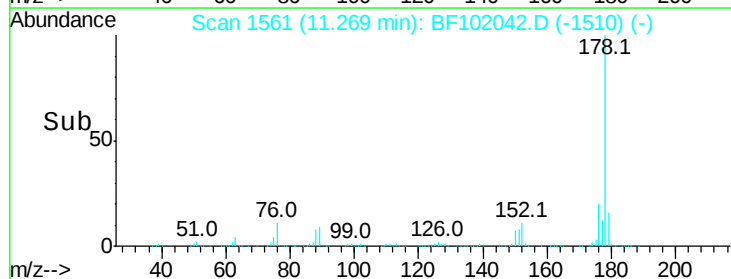
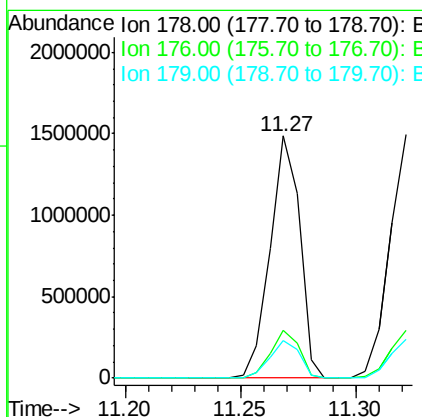
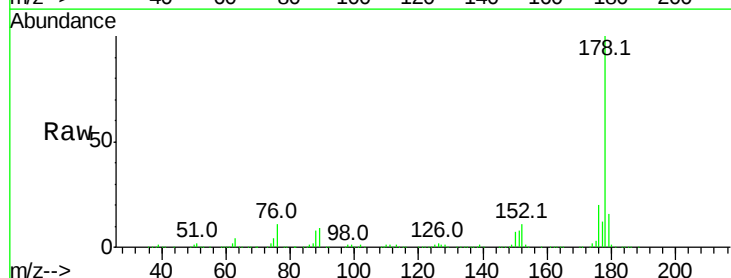
Instrument :
 BNA_F
 ClientSampleId :

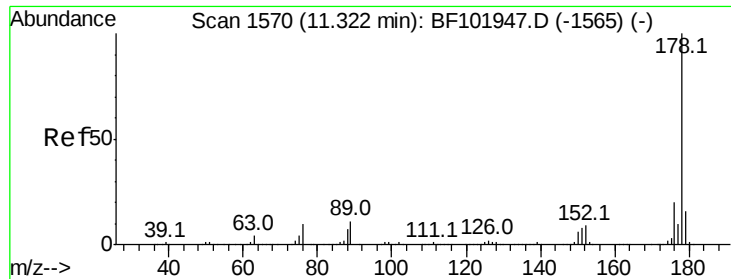
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	62.3	49.5	74.3



#70
 Phenanthrene
 Concen: 36.804 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

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



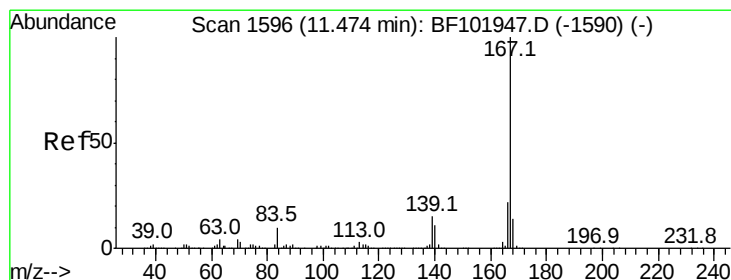
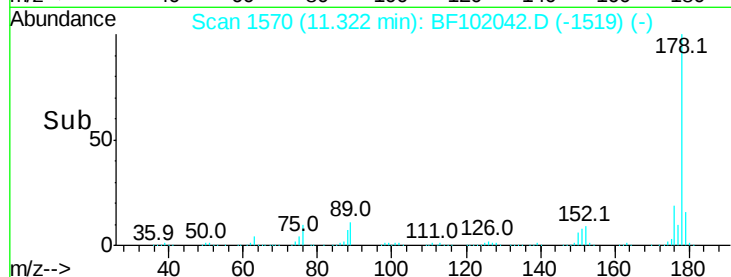
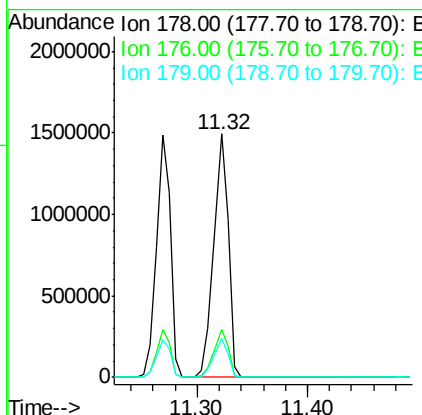
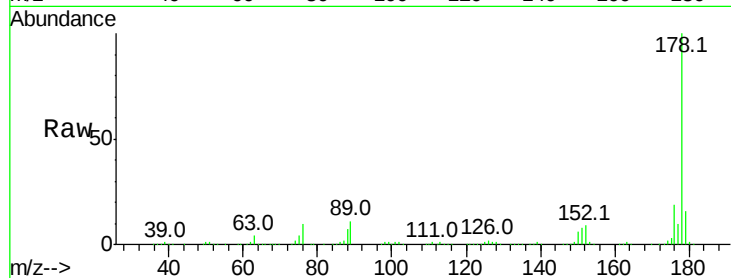


#71
 Anthracene
 Concen: 37.112 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1356357

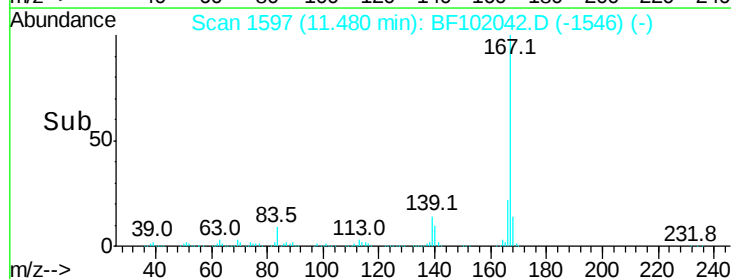
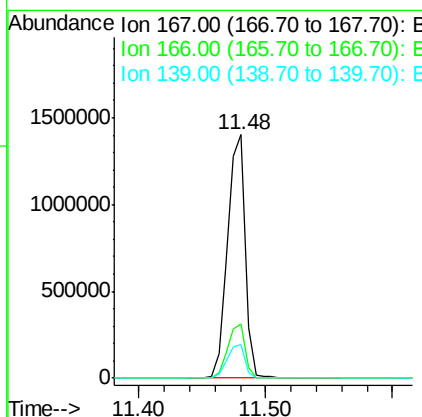
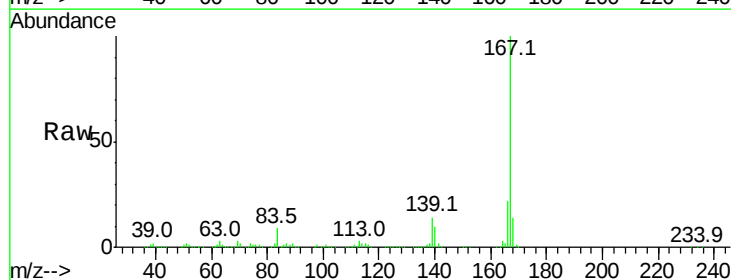
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.9	12.6	19.0

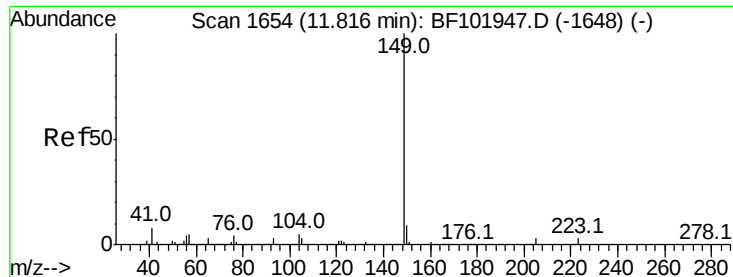


#72
 Carbazole
 Concen: 37.486 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

Tgt Ion:167 Resp: 1346588

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.6	10.9	16.3

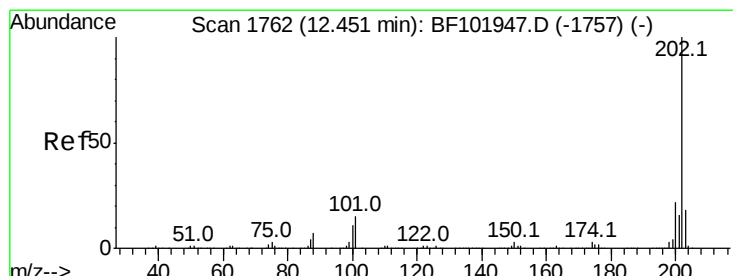
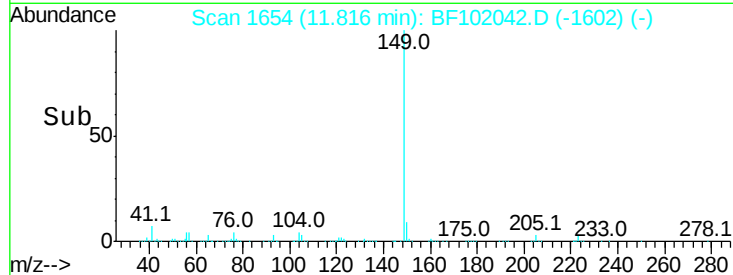
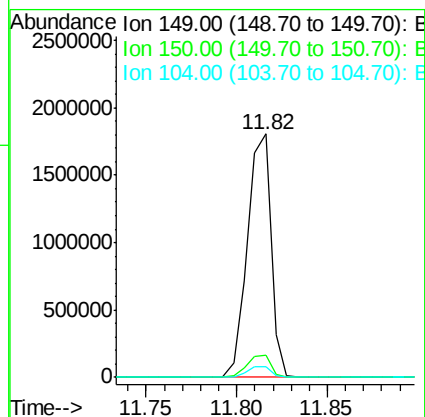
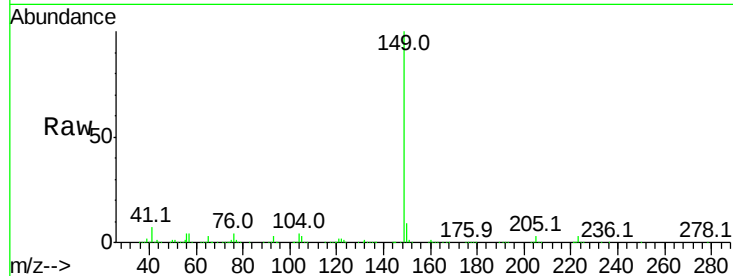




#73
Di-n-butylphthalate
Concen: 37.031 ng
RT: 11.82 min Scan# 1654
Delta R.T. 0.01 min
Lab File: BF102042.D
Acq: 12 Jan 2018 14:51

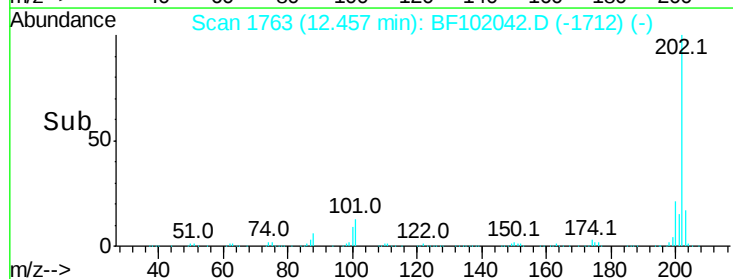
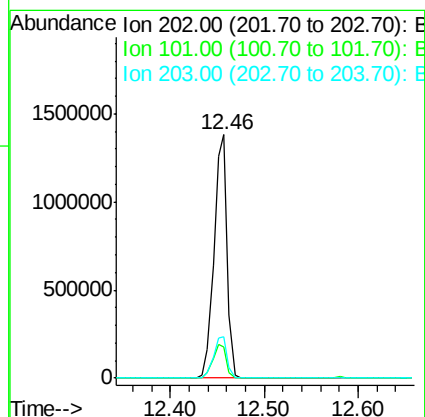
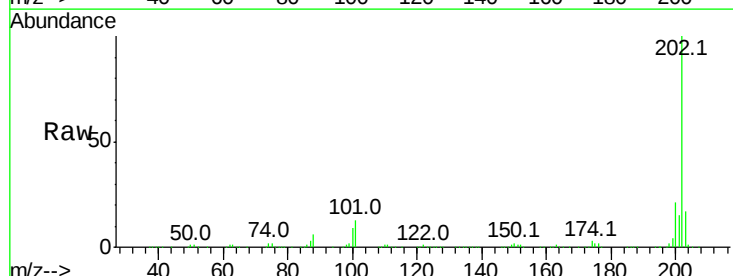
Instrument :
BNA_F
ClientSampled :

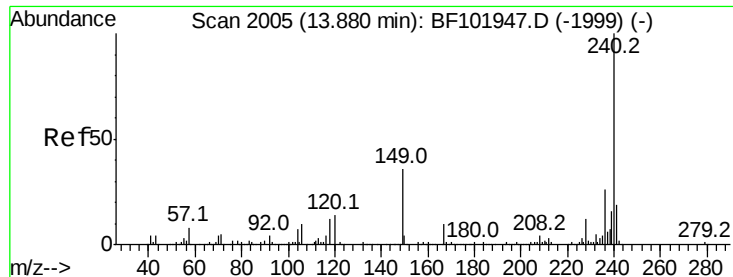
Tot Ion:149 Resp: 1632034
Ion Ratio Lower Upper
149 100
150 9.0 7.8 11.6
104 4.5 3.8 5.8



#74
Fluoranthene
Concen: 38.361 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BF102042.D
Acq: 12 Jan 2018 14:51

Tgt Ion:202 Resp: 1360107
Ion Ratio Lower Upper
202 100
101 13.0 0.0 34.1
203 17.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

Instrument :

BNA_F

ClientSampleId :

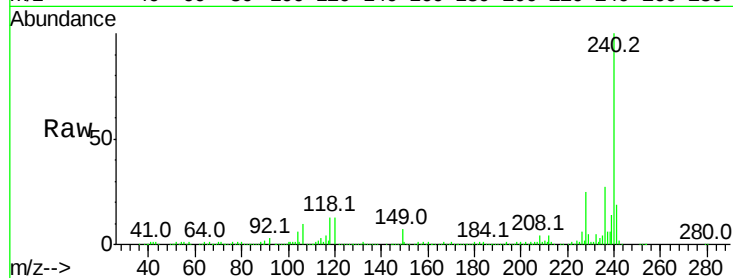
Tot Ion:240 Resp: 444026

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

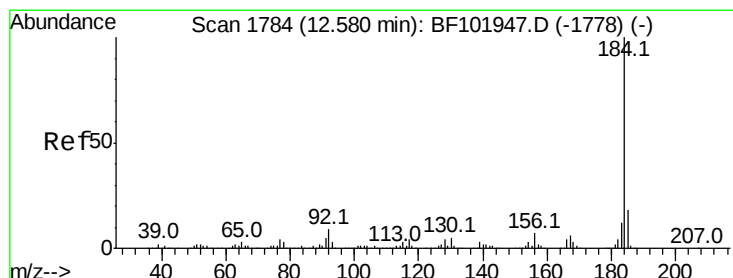
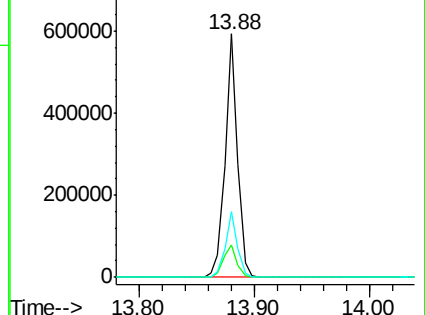
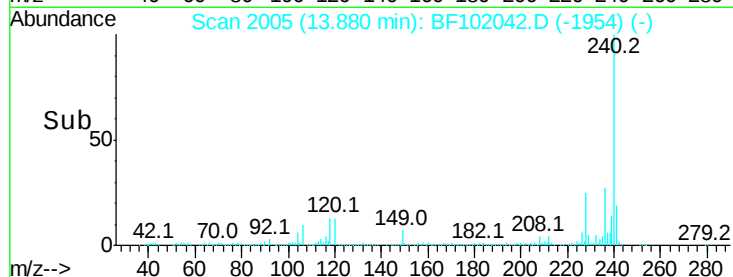
236 27.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.249 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

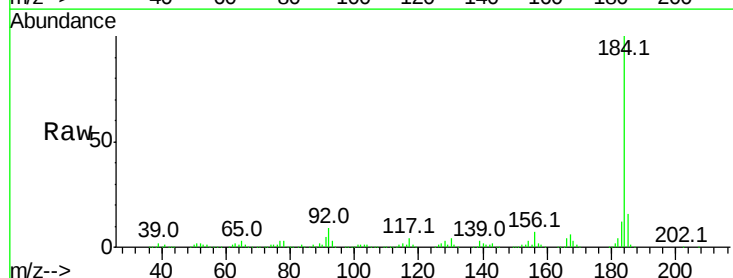
Tgt Ion:184 Resp: 691471

Ion Ratio Lower Upper

184 100

185 16.4 12.6 18.8

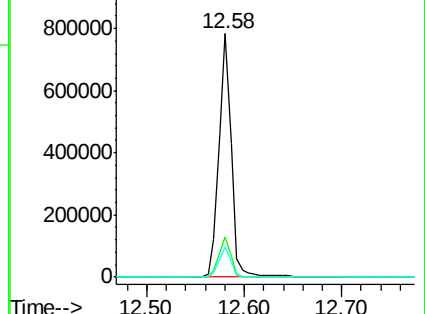
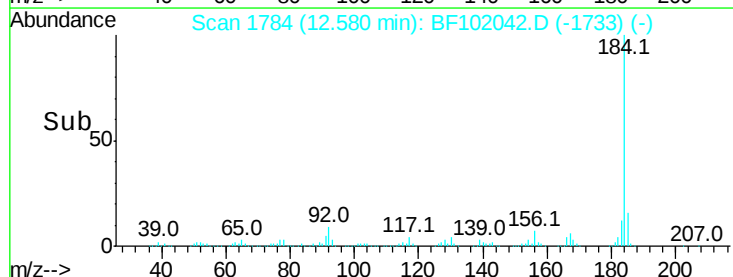
183 12.0 9.3 13.9

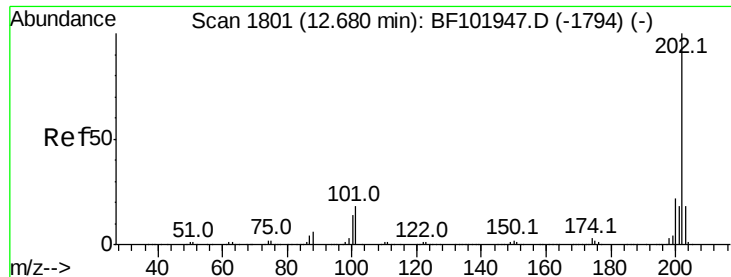


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

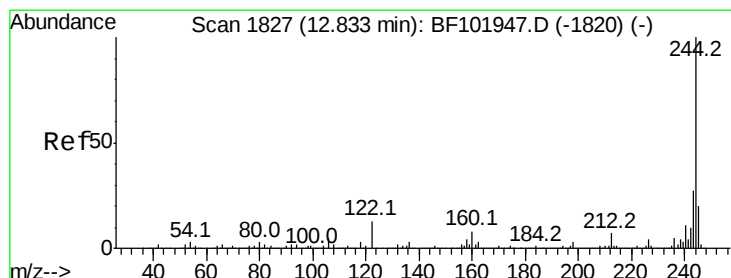
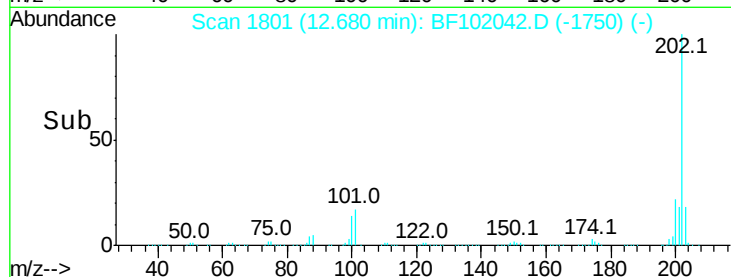
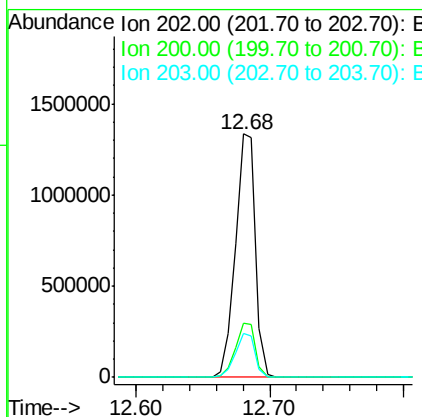
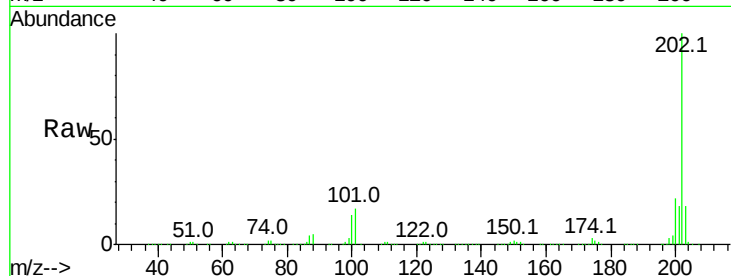




#77
 Pvrene
 Concen: 35.576 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

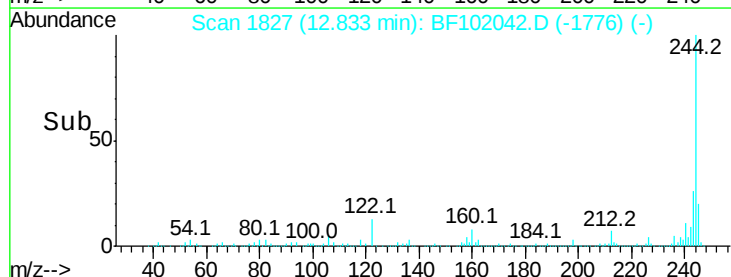
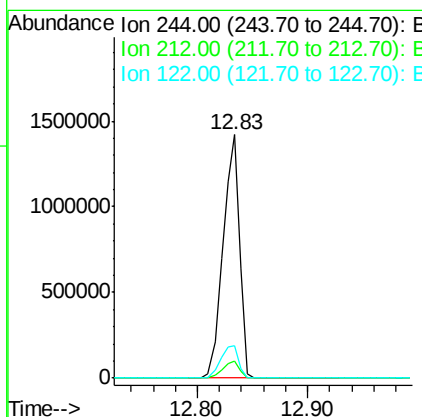
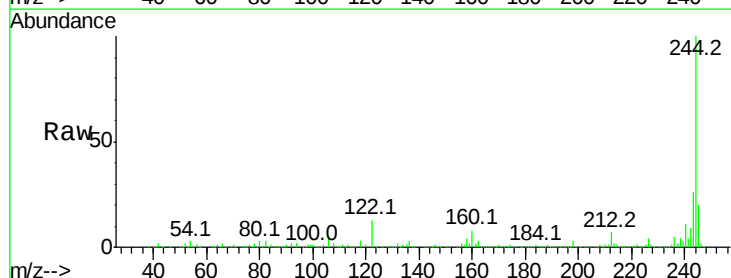
Instrument :
 BNA_F
 ClientSampleId :

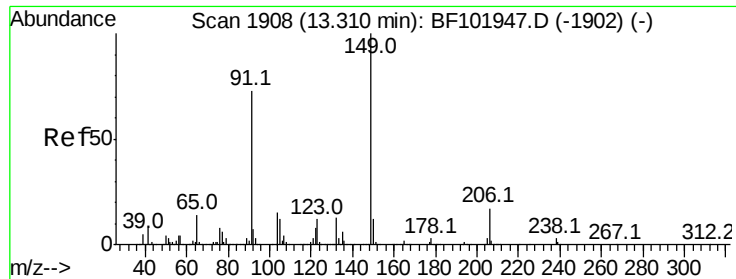
Tot Ion:202 Resp: 1396331
 Ion Ratio Lower Upper
 202 100
 200 22.3 17.4 26.2
 203 17.9 14.3 21.5



#78
 Terphenyl-d14
 Concen: 69.126 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

Tgt Ion:244 Resp: 1478321
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.3 11.0 16.4

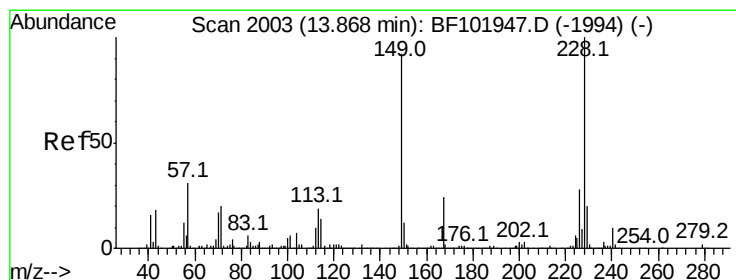
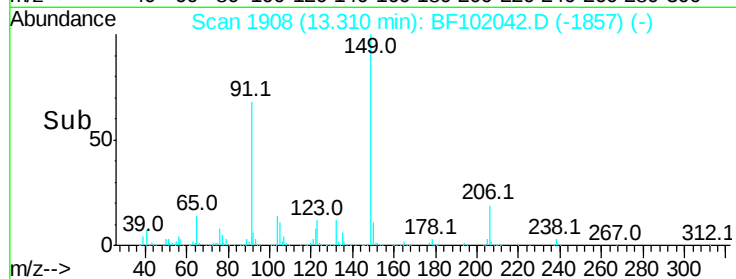
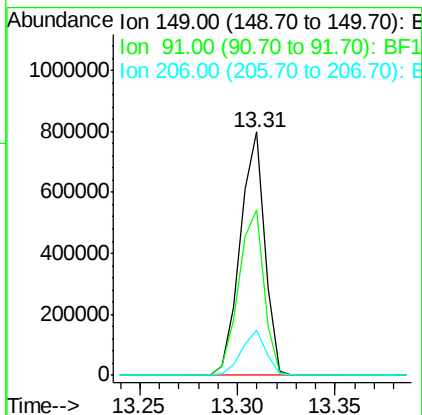
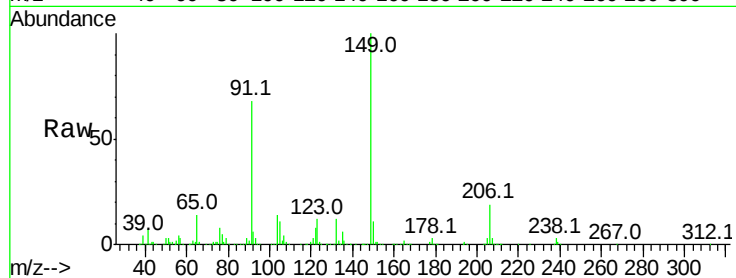




#79
Butylbenzylphthalate
Concen: 38.569 ng
RT: 13.31 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BF102042.D
Acq: 12 Jan 2018 14:51

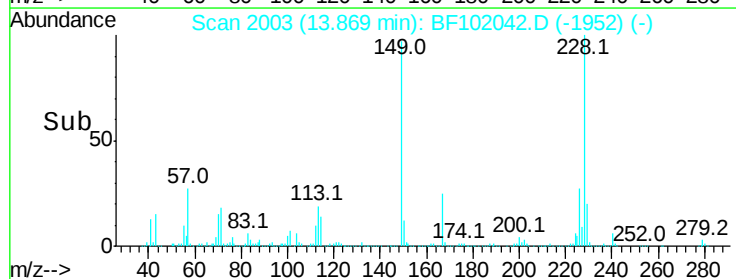
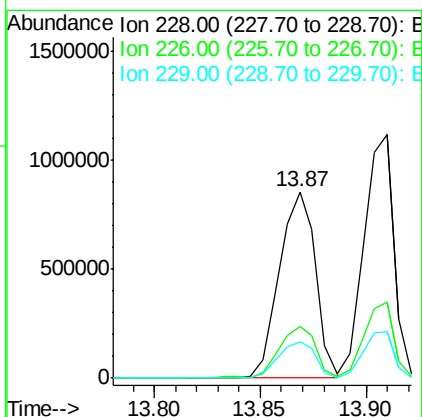
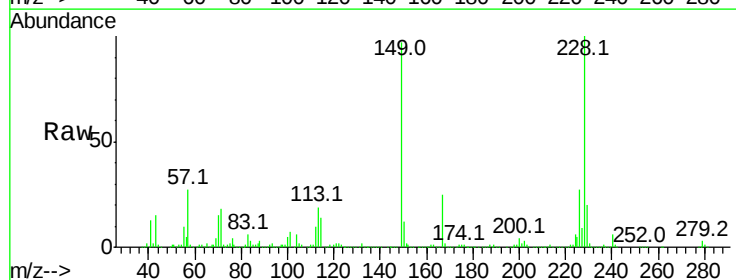
Instrument :
BNA_F
ClientSampled :

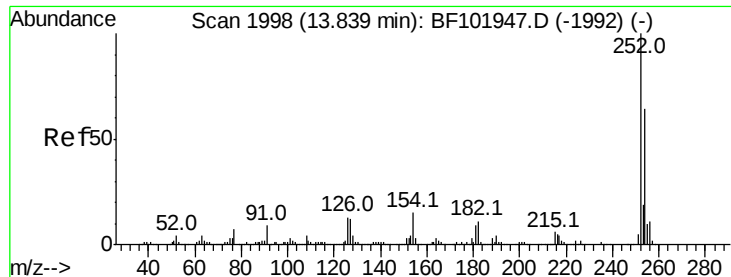
Tot Ion:149 Resp: 694721
Ion Ratio Lower Upper
149 100
91 68.2 56.8 85.2
206 18.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 35.928 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102042.D
Acq: 12 Jan 2018 14:51

Tgt Ion:228 Resp: 1017843
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.6 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 39.062 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

Instrument :

BNA_F

ClientSampleId :

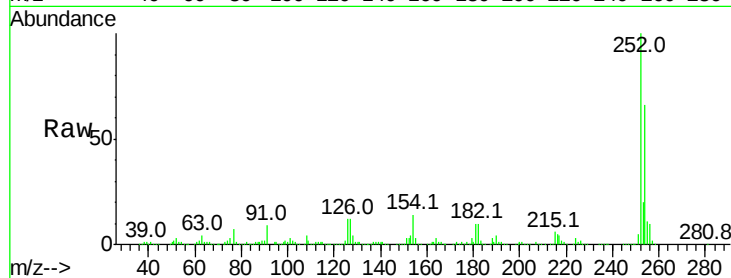
Tot Ion:252 Resp: 409745

Ion Ratio Lower Upper

252 100

254 66.0 50.4 75.6

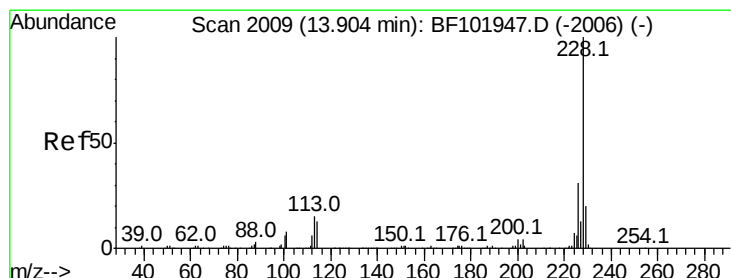
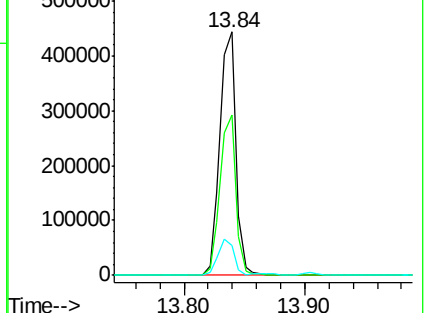
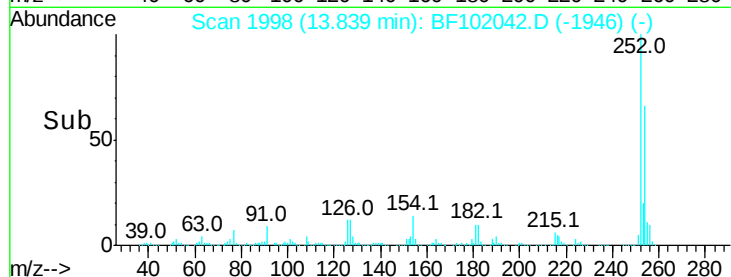
126 12.5 11.3 16.9



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: 37.608 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

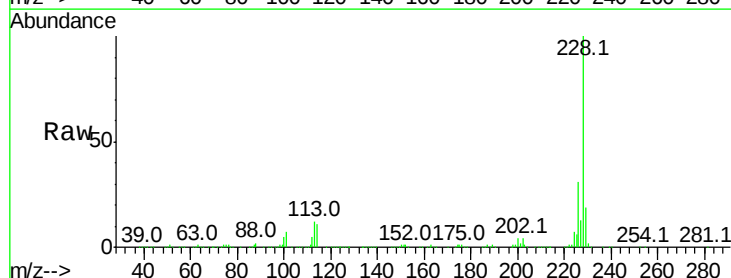
Tgt Ion:228 Resp: 1110952

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

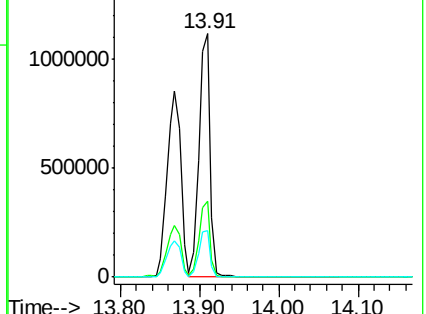
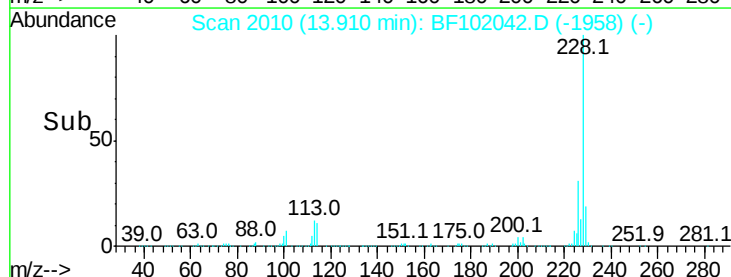
229 19.3 16.2 24.4

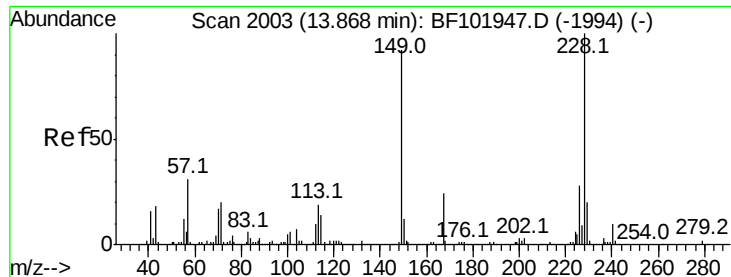


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.602 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

Instrument :

BNA_F

ClientSampleId :

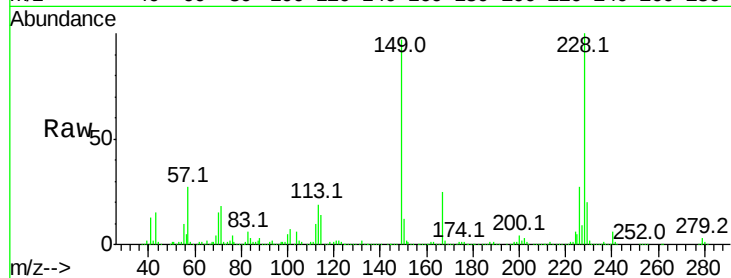
Tot Ion:149 Resp: 797628

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

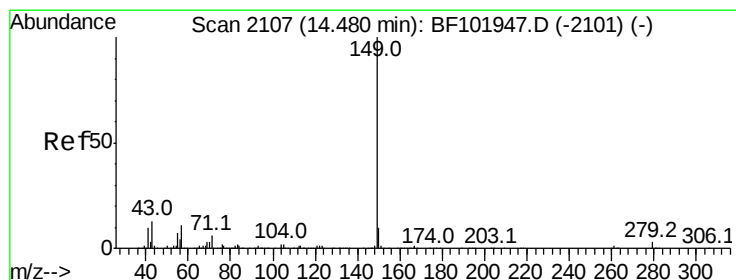
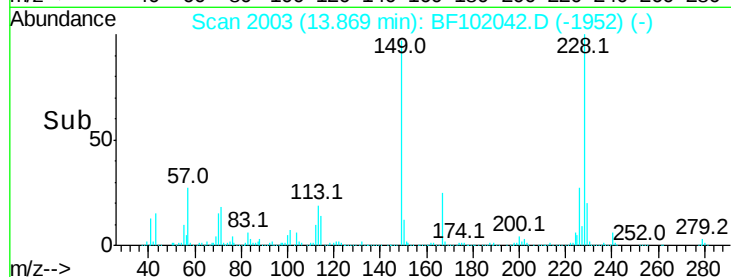
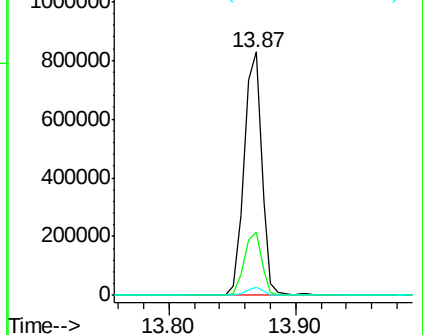
279 3.3 3.0 4.4



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: 41.138 ng

RT: 14.48 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

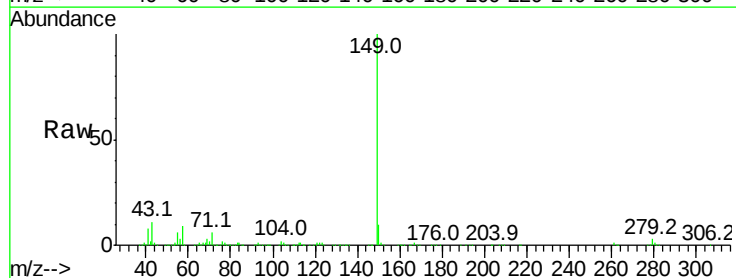
Tgt Ion:149 Resp: 1410548

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

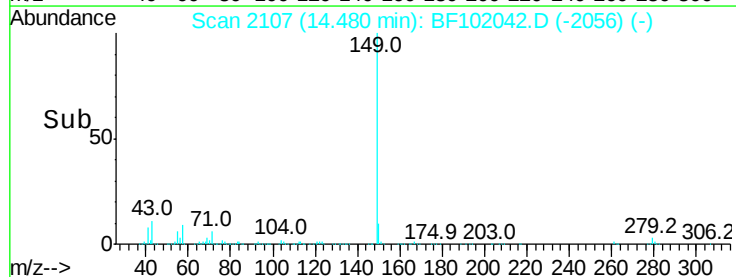
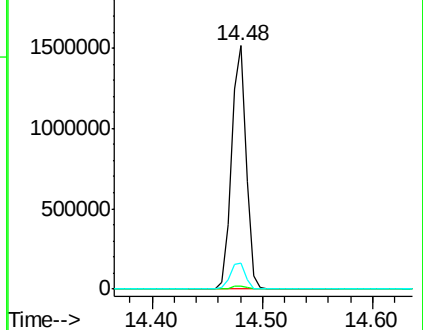
43 11.2 8.4 12.6

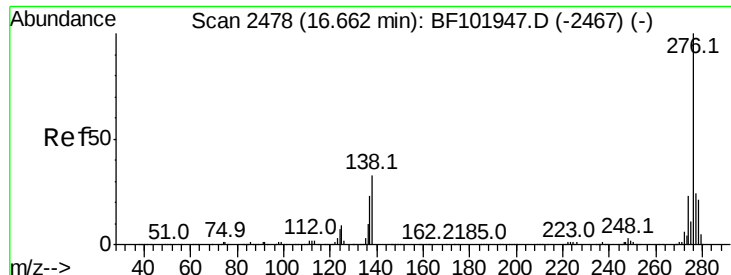


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

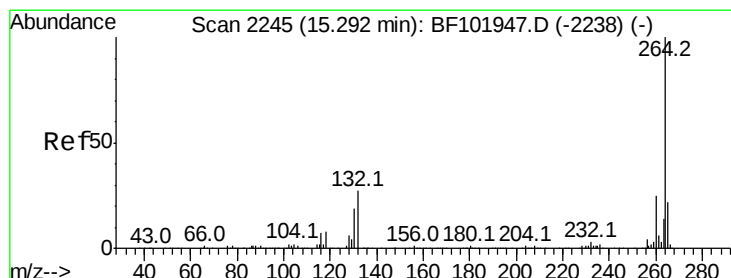
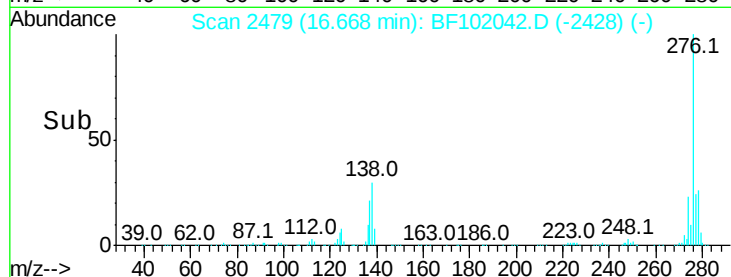
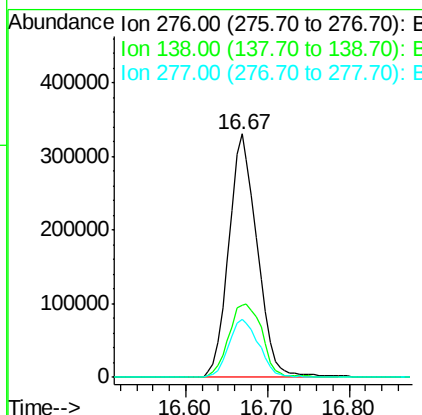
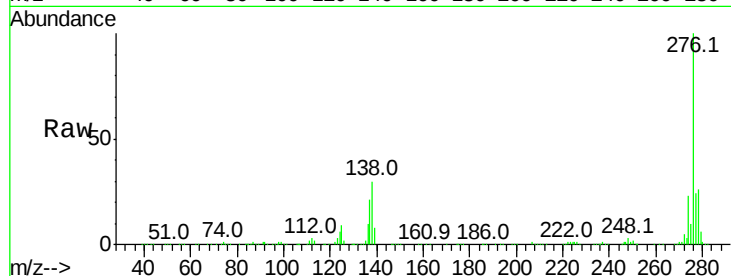




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.236 ng
 RT: 16.67 min Scan# 2479
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

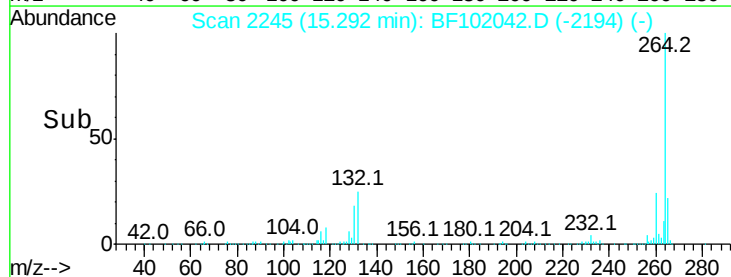
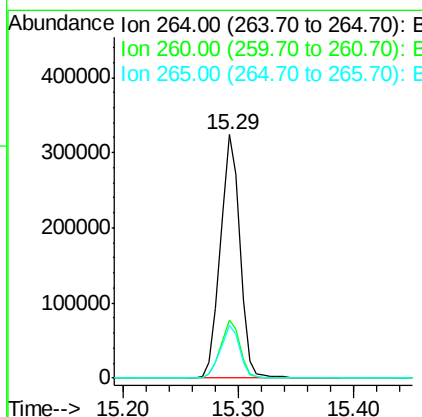
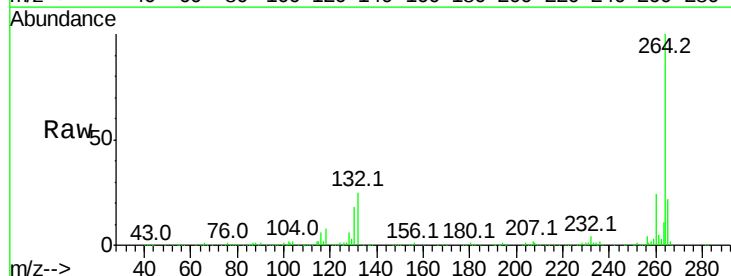
Instrument :
 BNA_F
 ClientSampleId :

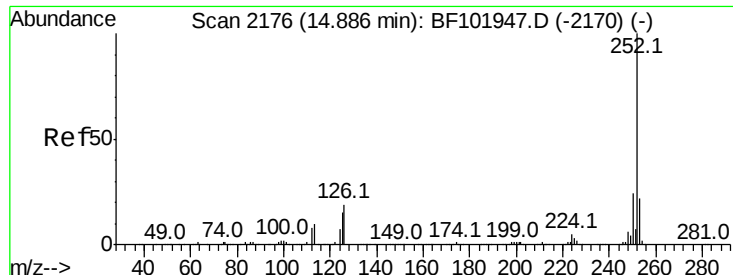
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.4	25.0	37.6
277	25.4	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 38.106 ng

RT: 14.89 min Scan# 2177

Delta R.T. 0.01 min

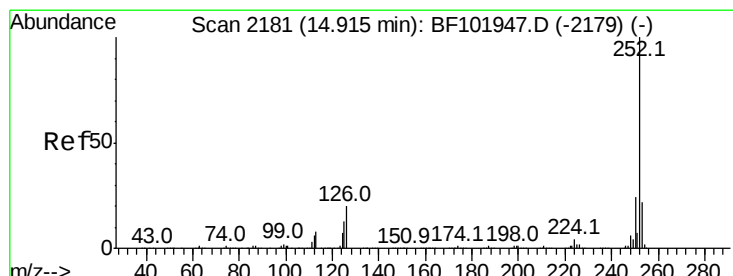
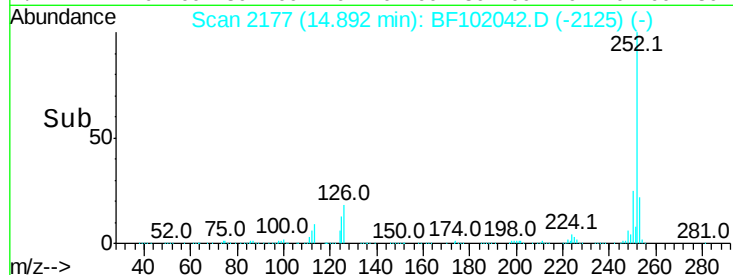
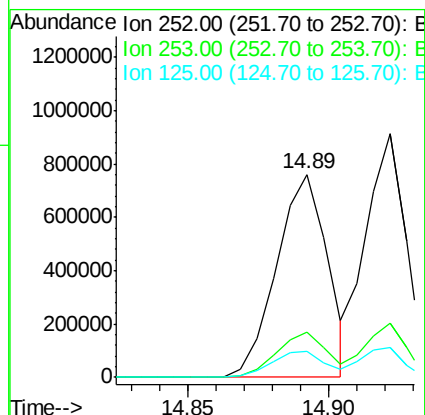
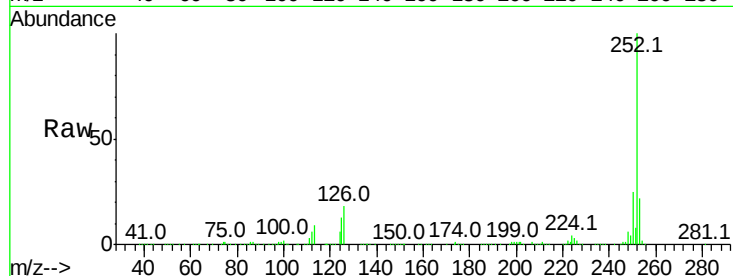
Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 949497

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	12.5	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 38.579 ng

RT: 14.92 min Scan# 2182

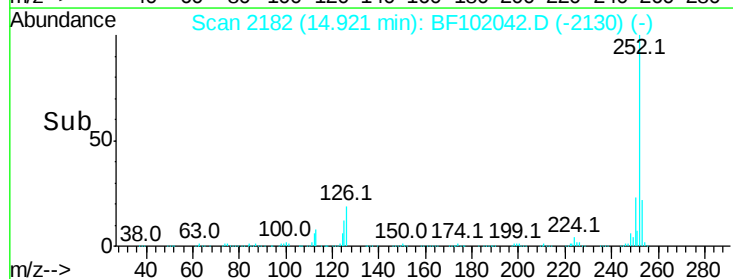
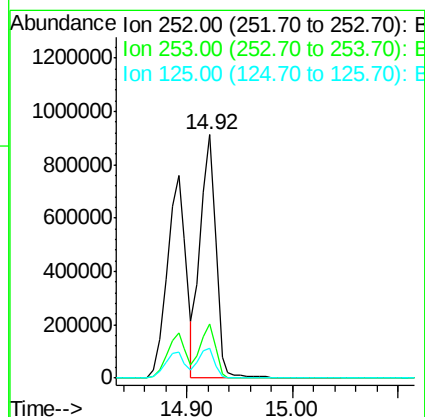
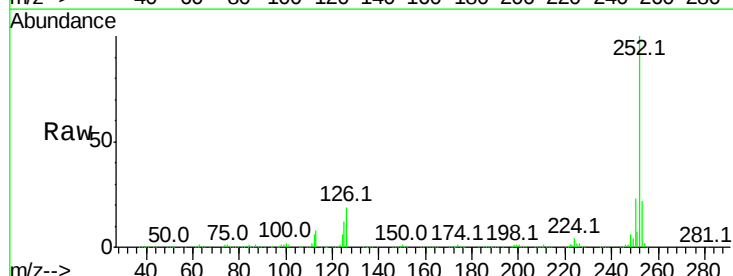
Delta R.T. 0.01 min

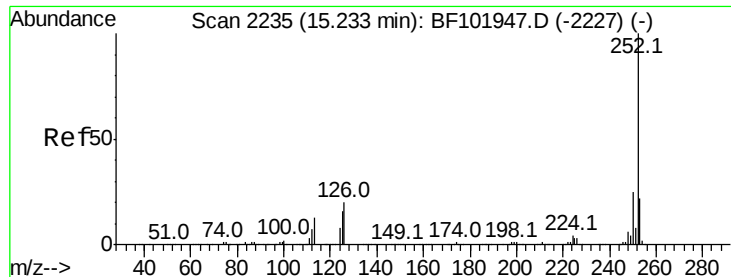
Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

Tgt Ion:252 Resp: 927332

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	12.5	10.2	15.2





#89

Benzo(a)pyrene

Concen: 38.644 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.01 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

Instrument :

BNA_F

ClientSampleId :

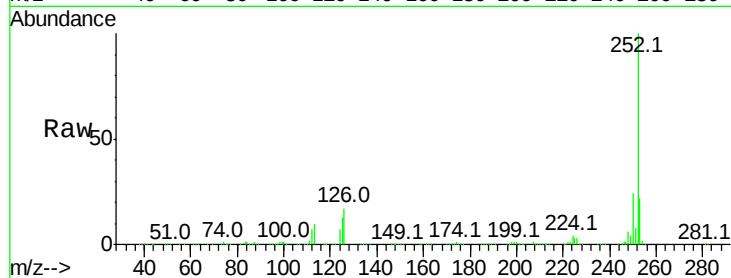
Tot Ion:252 Resp: 866484

Ion Ratio Lower Upper

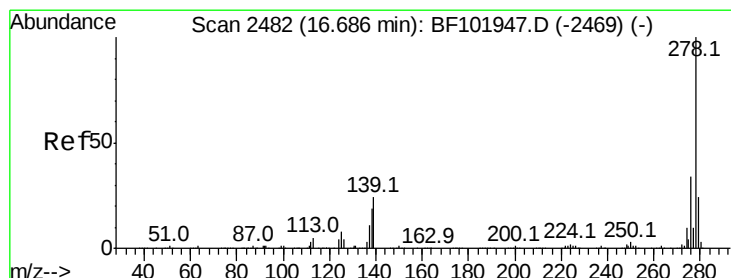
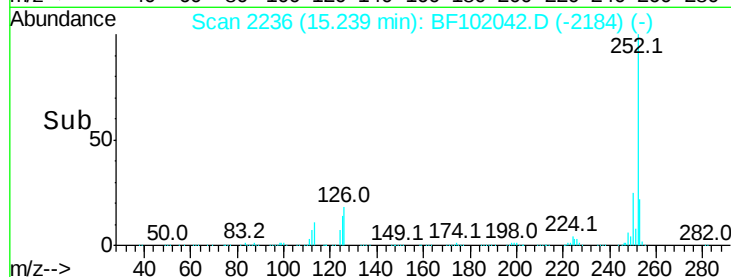
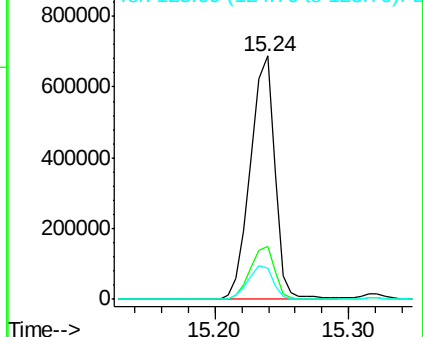
252 100

253 21.8 17.1 25.7

125 13.0 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: 37.131 ng

RT: 16.69 min Scan# 2483

Delta R.T. 0.01 min

Lab File: BF102042.D

Acq: 12 Jan 2018 14:51

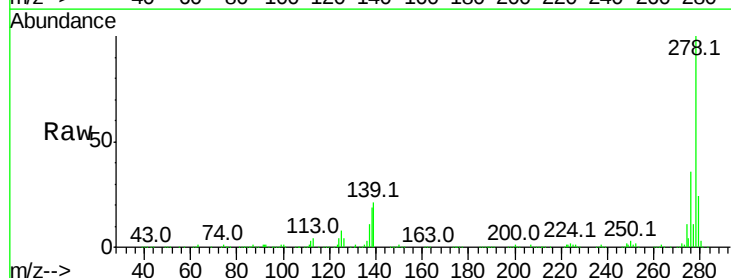
Tgt Ion:278 Resp: 664390

Ion Ratio Lower Upper

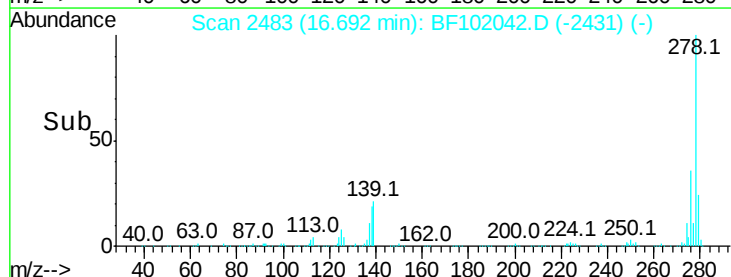
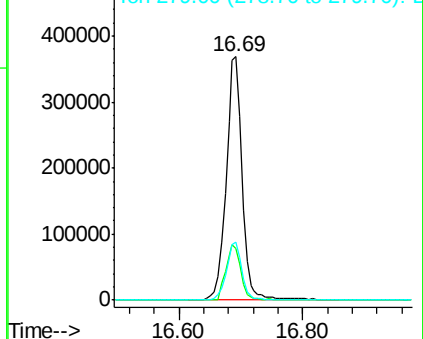
278 100

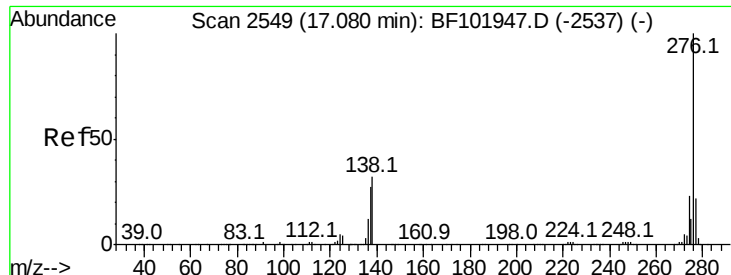
139 21.4 15.9 23.9

279 23.6 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

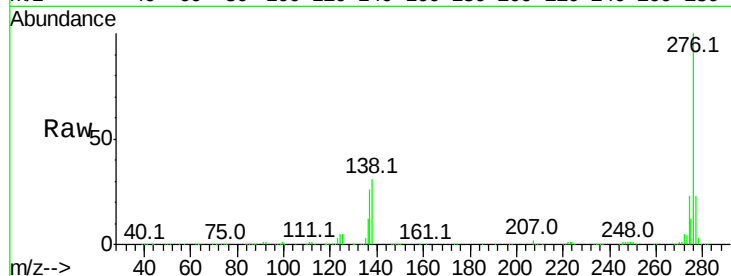




#91
 Benzo(a,h,i)perylene
 Concen: 36.268 ng
 RT: 17.09 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: BF102042.D
 Acq: 12 Jan 2018 14:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	653705
Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	31.1	21.8	32.8



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

