

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
 Data File : BF101057.D
 Acq On : 1 Dec 2017 12:36
 Operator : SJ/JU
 Sample : PB104630BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104630BS

Quant Time: Dec 01 15:46:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 15:45:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52816	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	208286	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	98859	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	196302	20.00	ng	0.00
75) Chrysene-d12	14.02	240	152394	20.00	ng	0.00
86) Perylene-d12	15.49	264	113953	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	380091	118.92	ng	0.01
7) Phenol-d6	6.49	99	460966	118.79	ng	0.00
23) Nitrobenzene-d5	7.42	82	285028	81.63	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	133328	112.27	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	626140	86.66	ng	0.00
78) Terphenyl-d14	12.96	244	643347	92.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	46187	34.945	ng	# 95
3) Pyridine	3.49	79	34928	10.194	ng	95
4) n-Nitrosodimethylamine	3.39	42	68478	40.921	ng	90
6) Aniline	6.52	93	100430	19.902	ng	98
8) 2-Chlorophenol	6.63	128	142528	40.898	ng	98
9) Benzaldehyde	6.40	77	63562	26.762	ng	96
10) Phenol	6.50	94	166017	38.475	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	124852	38.576	ng	98
12) 1,3-Dichlorobenzene	6.79	146	159931	39.412	ng	98
13) 1,4-Dichlorobenzene	6.86	146	163405	38.894	ng	97
14) 1,2-Dichlorobenzene	7.02	146	152562	38.931	ng	98
15) Benzyl Alcohol	6.99	79	122348	40.821	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	202502	46.030	ng	98
17) 2-Methylphenol	7.10	107	116749	41.488	ng	96
18) Hexachloroethane	7.36	117	54051	40.044	ng	92
19) n-Nitroso-di-n-propylamine	7.26	70	96068	36.760	ng	98
20) 3+4-Methylphenols	7.10	107	116749	31.812	ng	# 81
22) Acetophenone	7.26	105	189020	37.563	ng	# 87
24) Nitrobenzene	7.43	77	138643	40.515	ng	98
25) Isophorone	7.67	82	256093	42.939	ng	99
26) 2-Nitrophenol	7.75	139	79993	42.583	ng	89
27) 2,4-Dimethylphenol	7.79	122	126858	46.682	ng	96
28) bis(2-Chloroethoxy)methane	7.88	93	160508	40.042	ng	99
29) 2,4-Dichlorophenol	7.99	162	128063	43.294	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	132558	40.755	ng	98
31) Naphthalene	8.15	128	407387	39.685	ng	99
32) Benzoic acid	7.79	122	126858	60.021	ng	# 13
33) 4-Chloroaniline	8.20	127	69706	16.900	ng	100
34) Hexachlorobutadiene	8.26	225	76617	38.406	ng	98
35) Caprolactam	8.59	113	19931	21.621	ng	95
36) 4-Chloro-3-methylphenol	8.69	107	127324	41.554	ng	98
37) 2-Methylnaphthalene	8.85	142	284169	40.740	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	131200	36.532	ng	# 96
40) Hexachlorocyclopentadiene	8.99	237	117388	88.689	ng	99

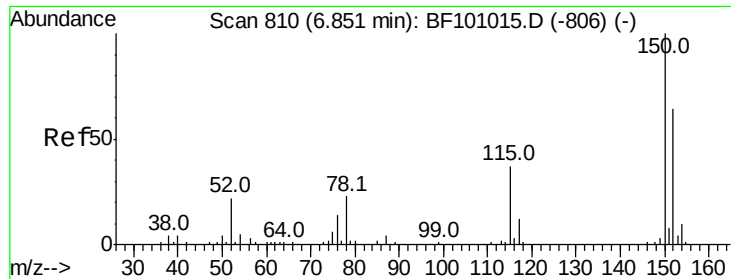
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
 Data File : BF101057.D
 Acq On : 1 Dec 2017 12:36
 Operator : SJ/JU
 Sample : PB104630BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 15:45:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	91334	43.383	nq	97
43) 2,4,5-Trichlorophenol	9.17	196	97930	43.511	nq	# 89
45) 1,1'-Biphenyl	9.31	154	340418	37.584	nq	97
46) 2-Chloronaphthalene	9.33	162	271103	42.146	nq	96
47) 2-Nitroaniline	9.43	65	77356	40.647	nq	98
48) Acenaphthylene	9.75	152	417204	39.467	nq	99
49) Dimethylphthalate	9.61	163	339415	42.572	nq	99
50) 2,6-Dinitrotoluene	9.67	165	69341	41.293	nq	93
51) Acenaphthene	9.92	154	246874	39.002	nq	99
52) 3-Nitroaniline	9.85	138	53497	28.329	nq	94
53) 2,4-Dinitrophenol	9.96	184	6071	11.434	nq	# 15
54) Dibenzofuran	10.09	168	367539	40.292	nq	99
55) 4-Nitrophenol	10.02	139	100288	78.747	nq	95
56) 2,4-Dinitrotoluene	10.08	165	93319	41.466	nq	# 95
57) Fluorene	10.44	166	293079	39.524	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	66345	36.815	nq	# 87
59) Diethylphthalate	10.31	149	306481	38.974	nq	96
60) 4-Chlorophenyl-phenylether	10.43	204	143745	39.261	nq	91
61) 4-Nitroaniline	10.46	138	74300	37.903	nq	95
62) Azobenzene	10.59	77	266961	40.002	nq	94
64) 4,6-Dinitro-2-methylphenol	10.49	198	12346	9.377	nq	77
65) n-Nitrosodiphenylamine	10.55	169	269115	38.860	nq	95
66) 4-Bromophenyl-phenylether	10.92	248	90269	41.082	nq	# 88
67) Hexachlorobenzene	10.99	284	96159	40.833	nq	# 86
68) Atrazine	11.07	200	86525	40.731	nq	97
69) Pentachlorophenol	11.18	266	54089	41.773	nq	99
70) Phenanthrene	11.40	178	428653	39.652	nq	98
71) Anthracene	11.46	178	448678	41.009	nq	98
72) Carbazole	11.61	167	393517	39.366	nq	99
73) Di-n-butylphthalate	11.93	149	484202	38.645	nq	98
74) Fluoranthene	12.59	202	462378	38.586	nq	94
76) Benzidine	12.71	184	61485	12.407	nq	99
77) Pyrene	12.82	202	471282	44.817	nq	98
79) Butylbenzylphthalate	13.43	149	203139	43.815	nq	95
80) Benzo(a)anthracene	14.01	228	395003	41.052	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	73041	21.919	nq	# 98
82) Chrysene	14.04	228	366500	41.014	nq	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	279218	42.238	nq	98
84) Di-n-octyl phthalate	14.60	149	413580	37.576	nq	98
85) Indeno(1,2,3-cd)pyrene	16.97	276	303845	38.246	nq	# 92
87) Benzo(b)fluoranthene	15.06	252	298693	43.761	nq	96
88) Benzo(k)fluoranthene	15.09	252	265178	39.434	nq	# 97
89) Benzo(a)pyrene	15.43	252	264585	42.639	nq	98
90) Dibenzo(a,h)anthracene	16.99	278	250474	45.786	nq	# 92
91) Benzo(g,h,i)perylene	17.42	276	265330	51.466	nq	# 90

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

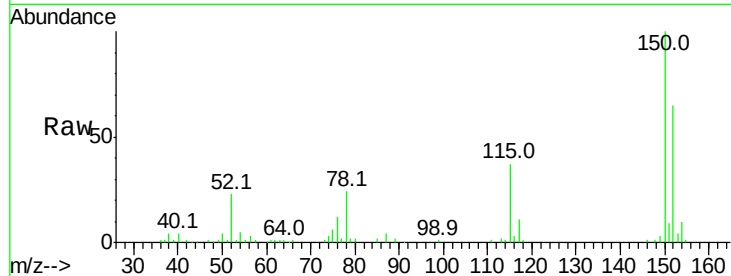


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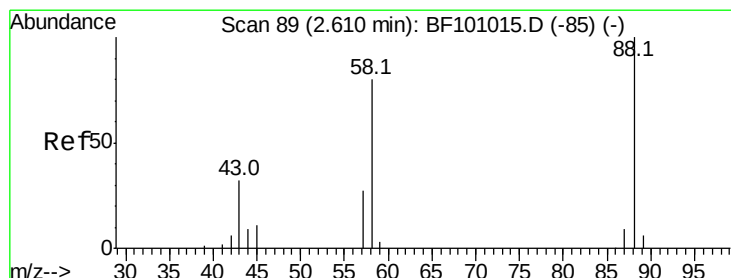
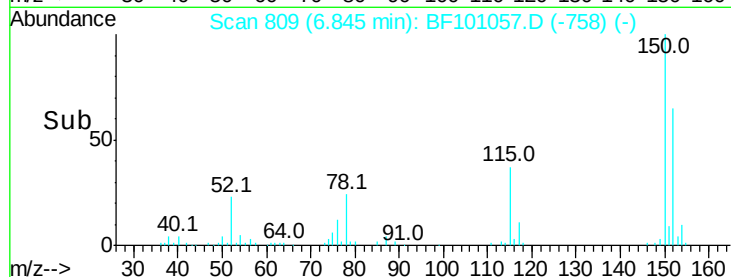
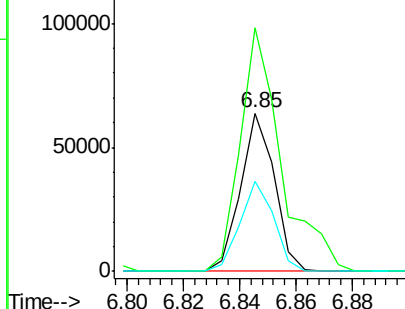
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion:152 Resp: 52816
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 56.8 50.1 75.1



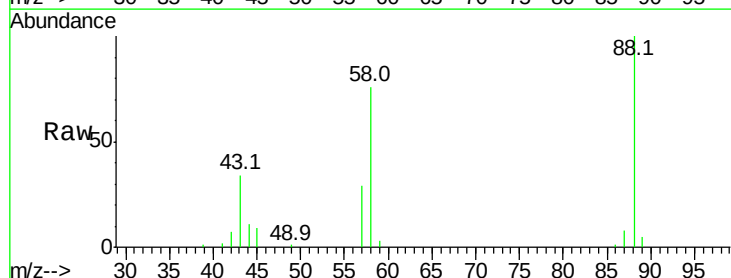
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



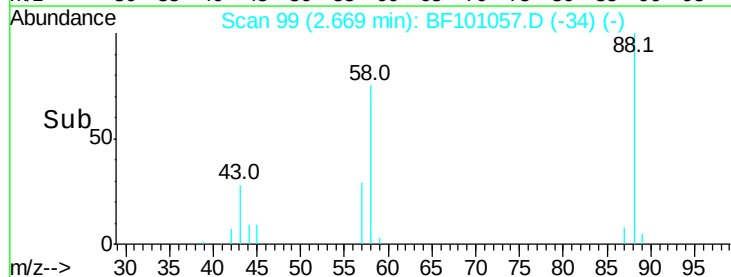
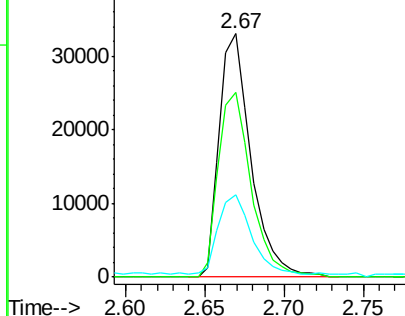
#2

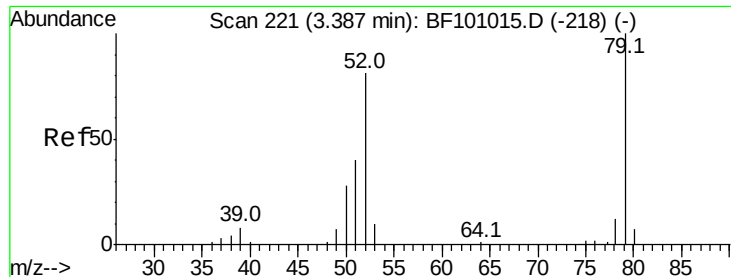
1,4-Dioxane
Concen: 34.945 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.08 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion: 88 Resp: 46187
Ion Ratio Lower Upper
88 100
58 78.8 62.6 93.8
43 39.3 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

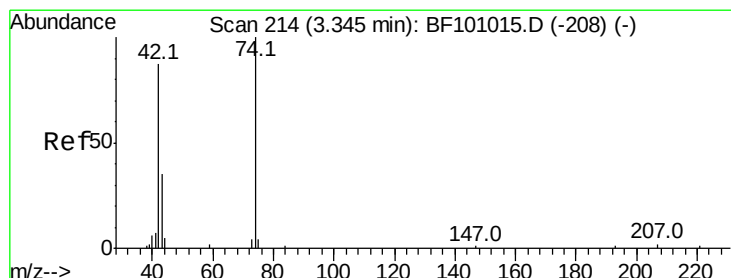
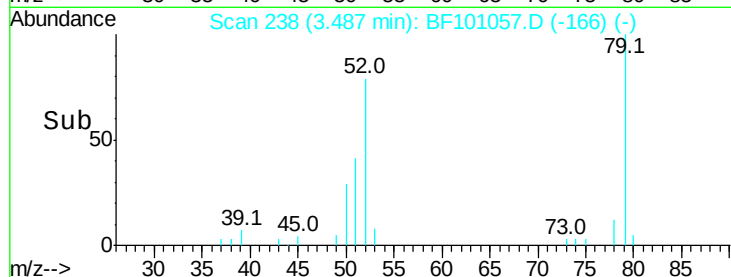
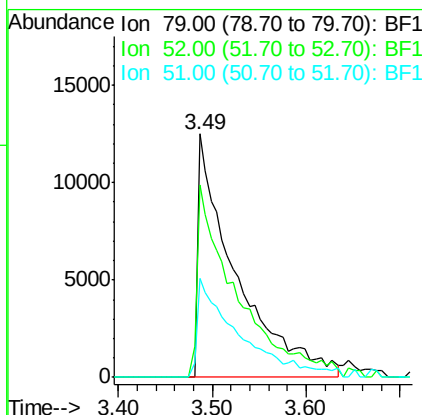
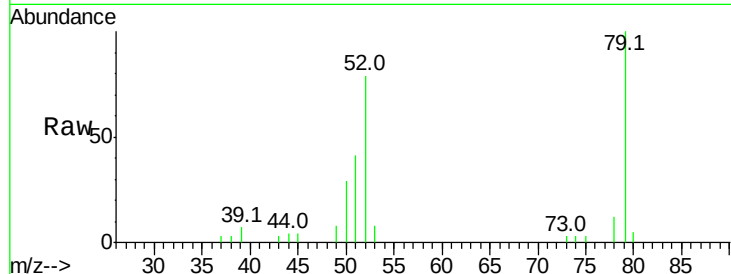




#3
 Pvridine
 Concen: 10.194 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.12 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

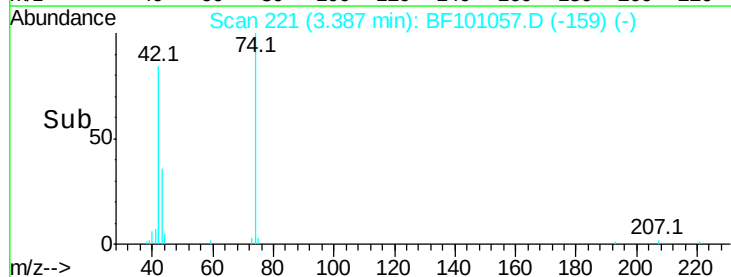
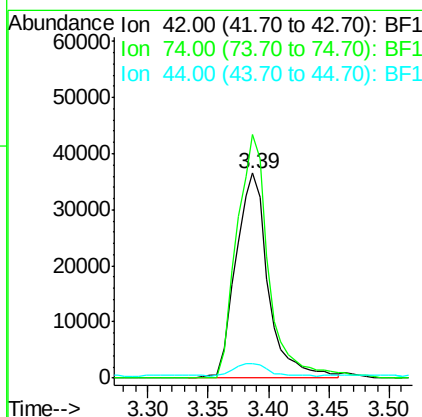
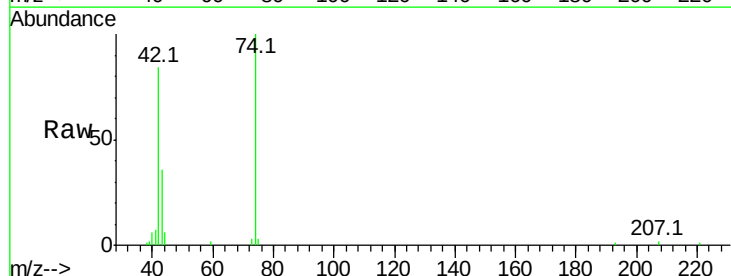
Instrument :
 BNA_F
 ClientSampleId :
 PB104630BS

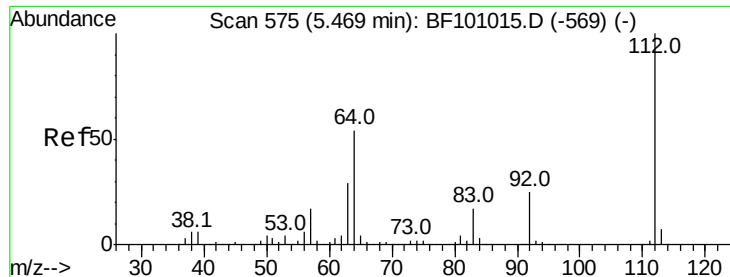
Tot Ion: 79 Resp: 34928
 Ion Ratio Lower Upper
 79 100
 52 79.0 59.8 89.6
 51 40.6 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 40.921 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.07 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Tgt Ion: 42 Resp: 68478
 Ion Ratio Lower Upper
 42 100
 74 118.8 104.9 157.3
 44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 118.918 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampleId :

PB104630BS

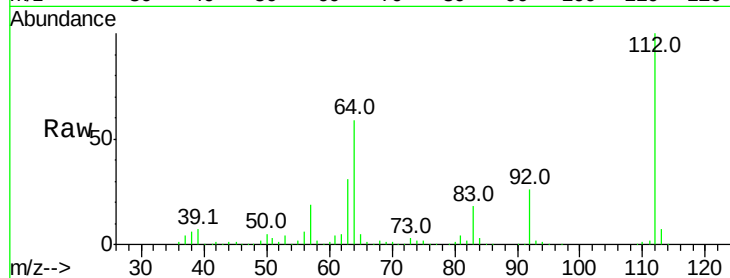
Tot Ion:112 Resp: 380091

Ion Ratio Lower Upper

112 100

64 59.1 47.9 71.9

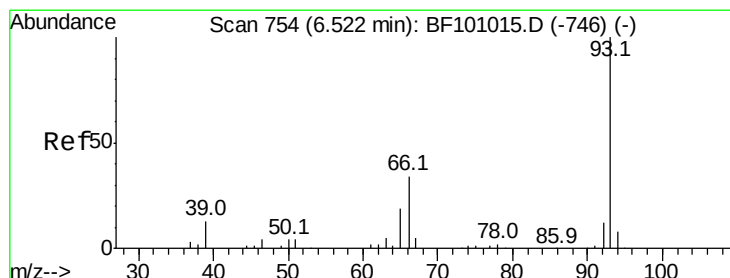
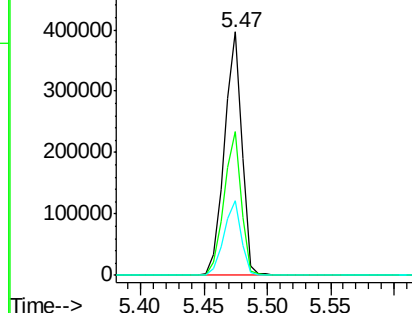
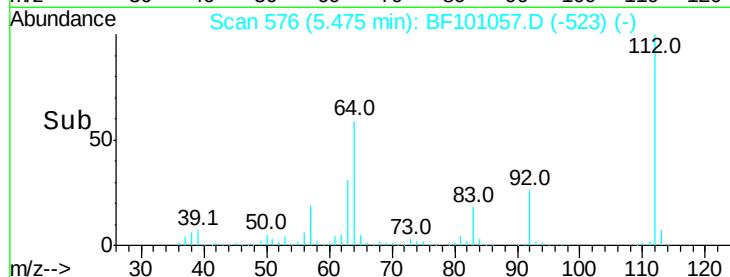
63 30.8 23.7 35.5



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: 19.902 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

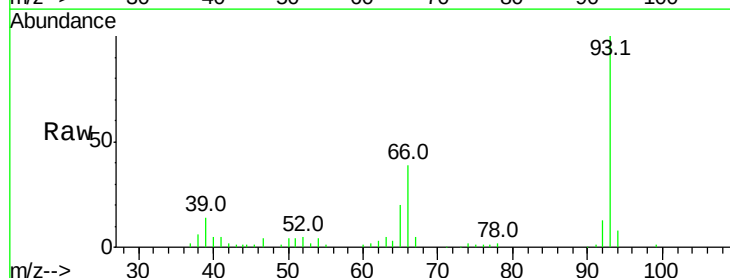
Tgt Ion: 93 Resp: 100430

Ion Ratio Lower Upper

93 100

66 39.0 32.2 48.2

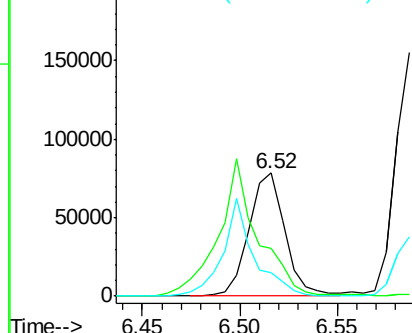
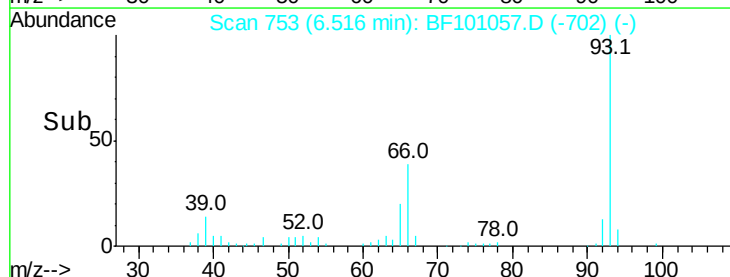
65 19.6 16.4 24.6

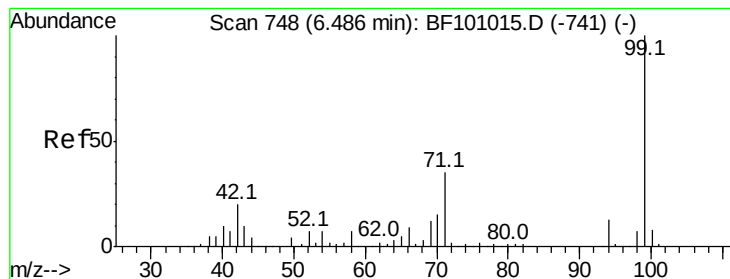


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.789 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampleId :

PB104630BS

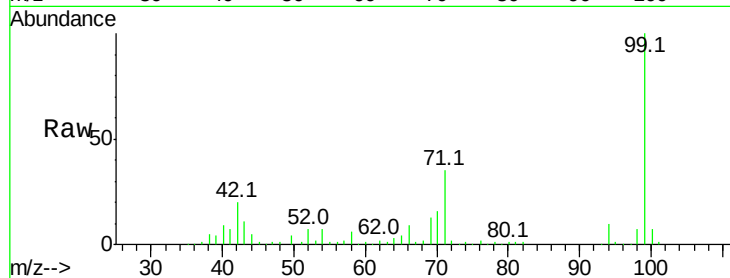
Tot Ion: 99 Resp: 460966

Ion Ratio Lower Upper

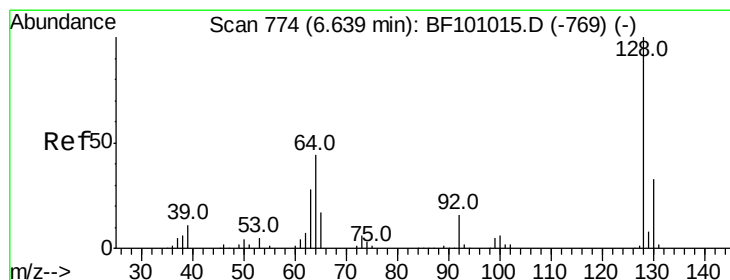
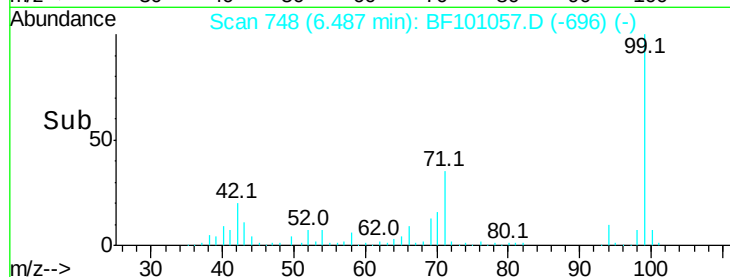
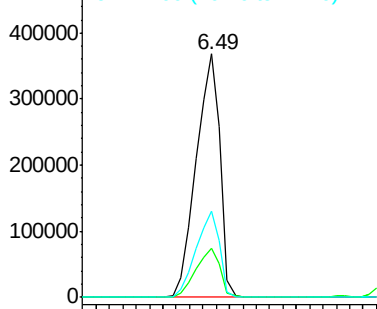
99 100

42 20.3 14.5 21.7

71 35.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.898 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

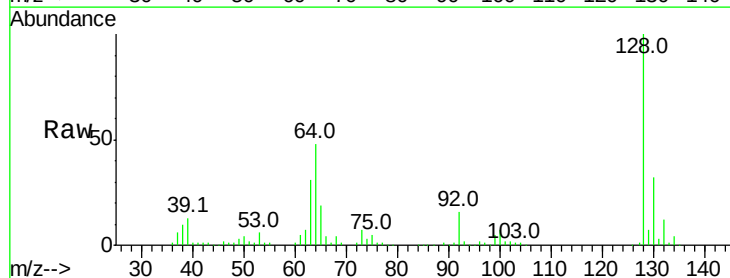
Tgt Ion: 128 Resp: 142528

Ion Ratio Lower Upper

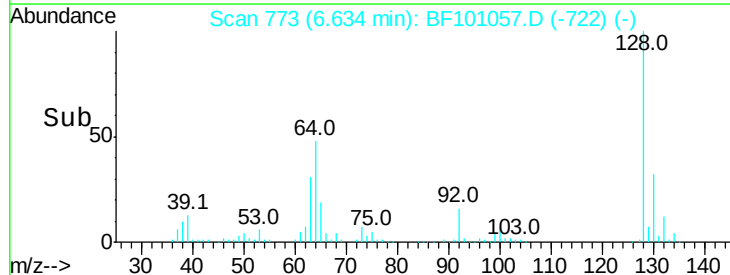
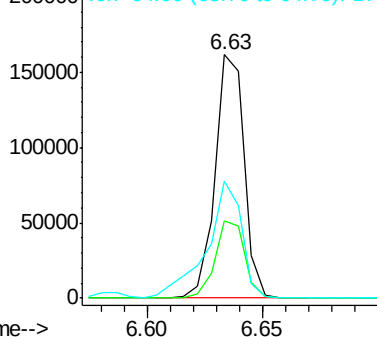
128 100

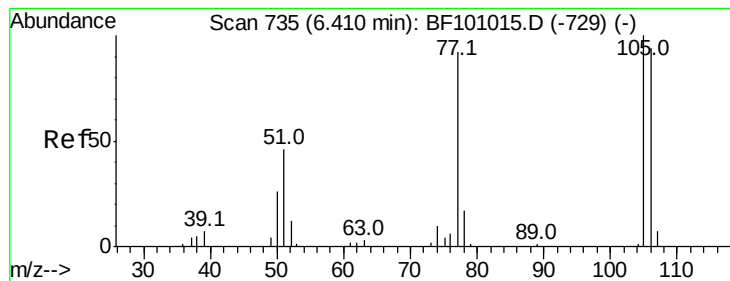
130 31.7 13.0 53.0

64 47.8 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.762 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampleId :

PB104630BS

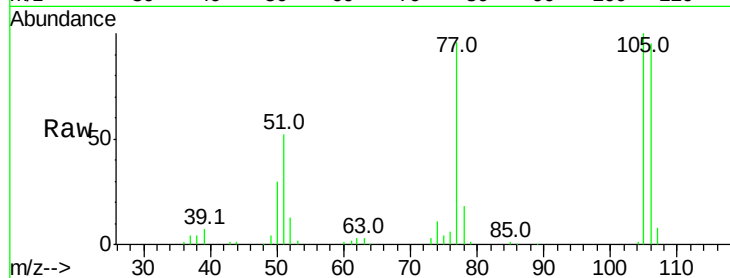
Tot Ion: 77 Resp: 63562

Ion Ratio Lower Upper

77 100

105 104.4 81.1 121.1

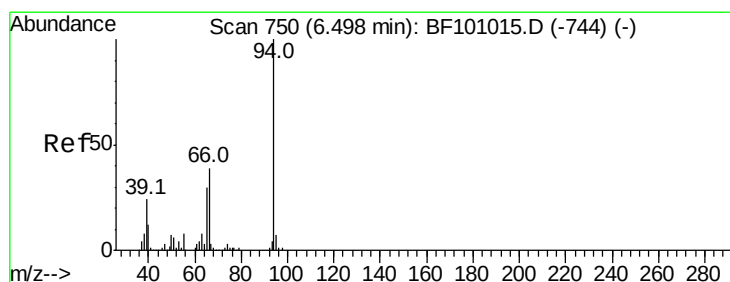
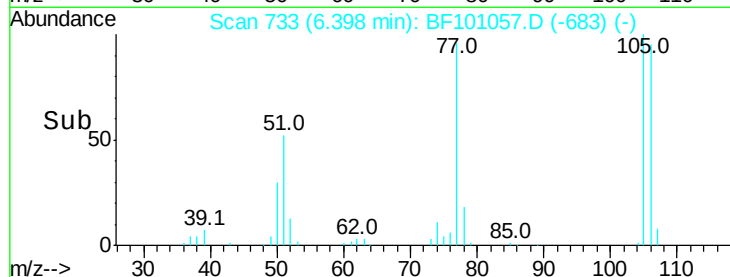
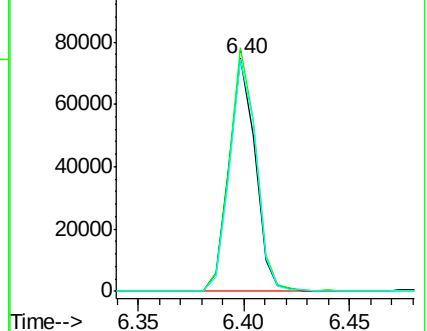
106 99.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.475 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

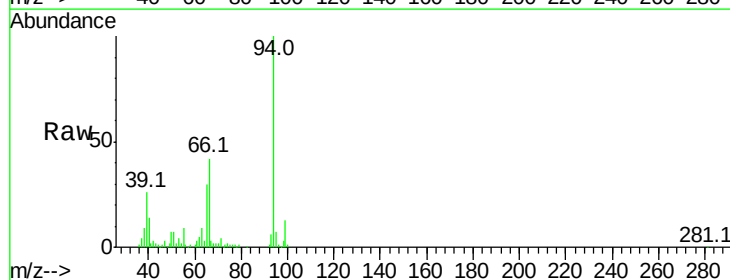
Tgt Ion: 94 Resp: 166017

Ion Ratio Lower Upper

94 100

65 30.0 7.9 47.9

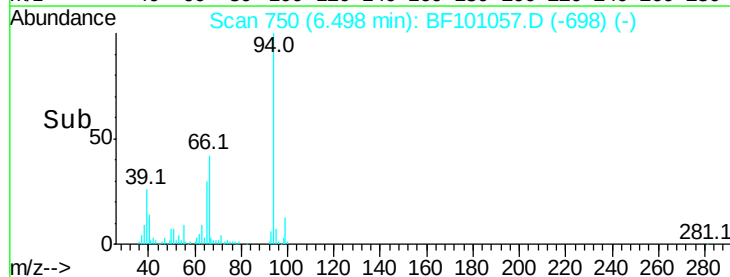
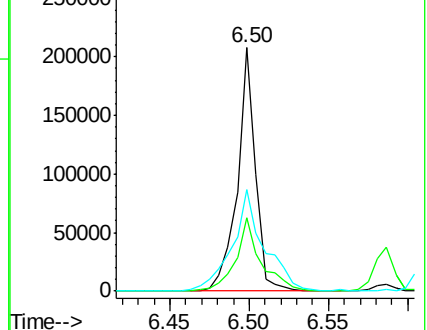
66 41.9 16.2 56.2

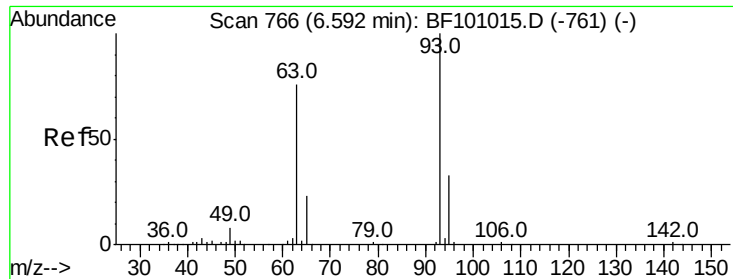


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

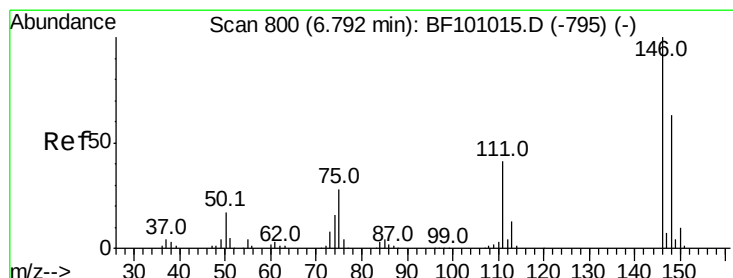
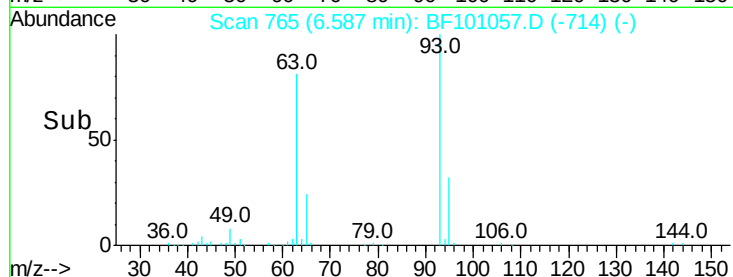
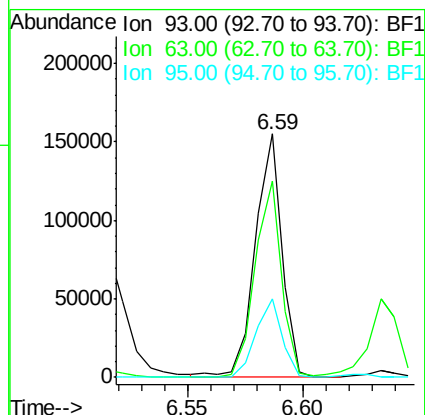
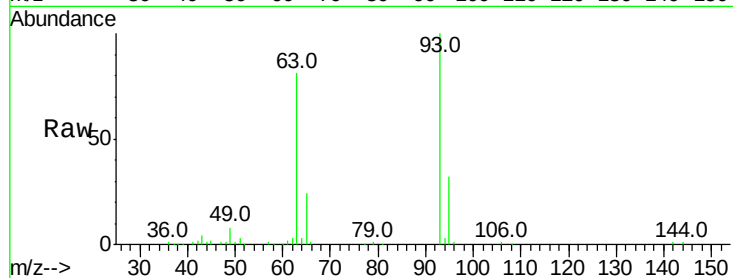




#11
bis(2-Chloroethyl)ether
Concen: 38.576 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

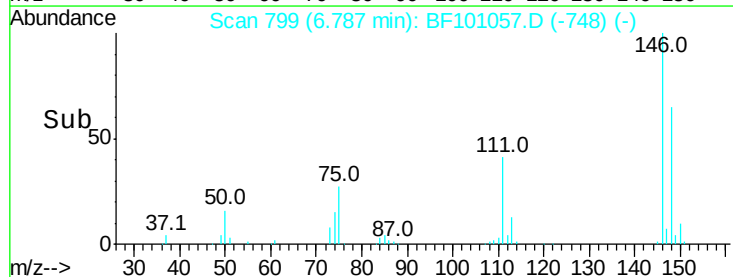
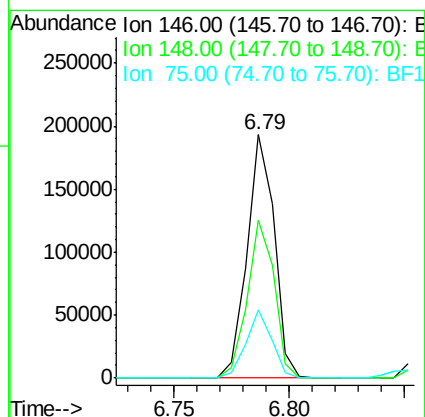
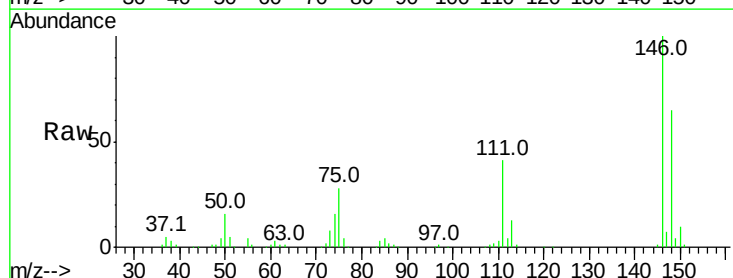
Instrument :
BNA_F
ClientSampleId :
PB104630BS

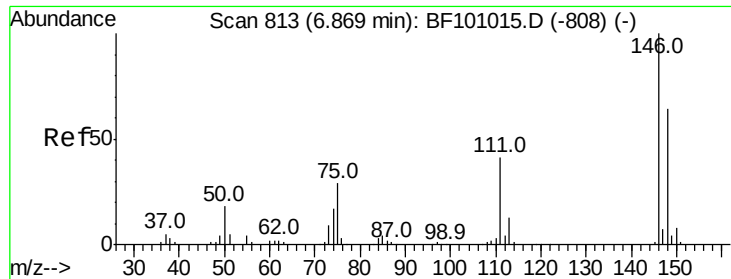
Tot Ion: 93 Resp: 124852
Ion Ratio Lower Upper
93 100
63 80.6 58.6 98.6
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.412 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion: 146 Resp: 159931
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.8
75 27.8 24.2 36.4

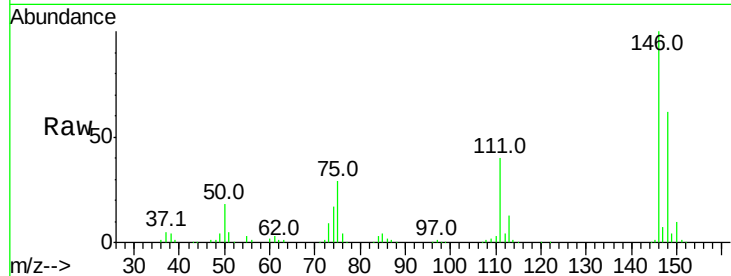




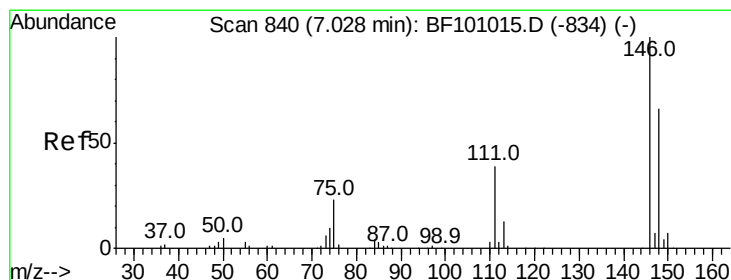
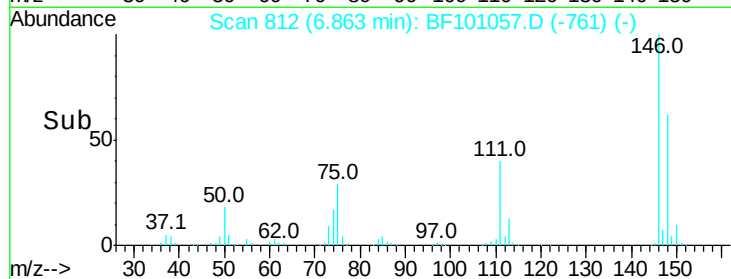
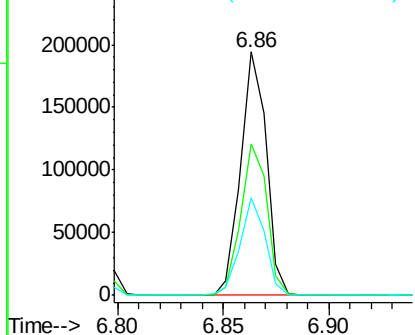
#13
 1,4-Dichlorobenzene
 Concen: 38.894 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104630BS

Tot Ion:146 Resp: 163405
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.8 76.2
 111 39.9 34.2 51.2

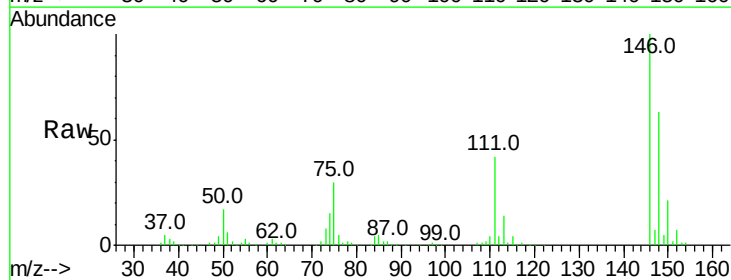


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

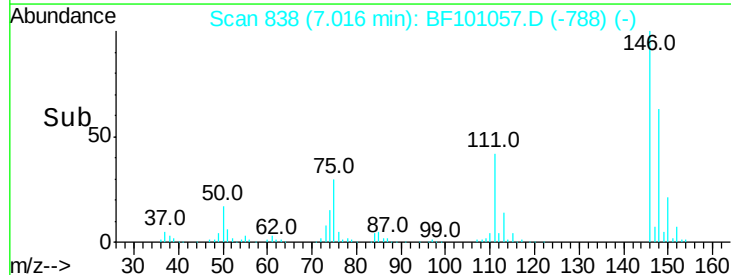
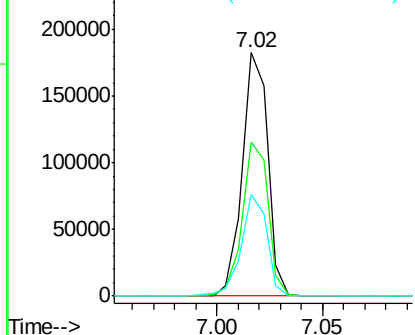


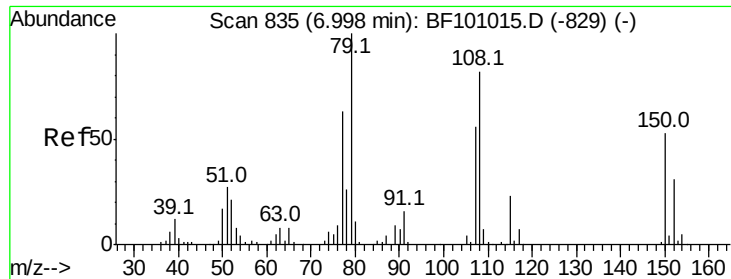
#14
 1,2-Dichlorobenzene
 Concen: 38.931 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Tgt Ion:146 Resp: 152562
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 75.8
 111 41.8 36.0 54.0



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

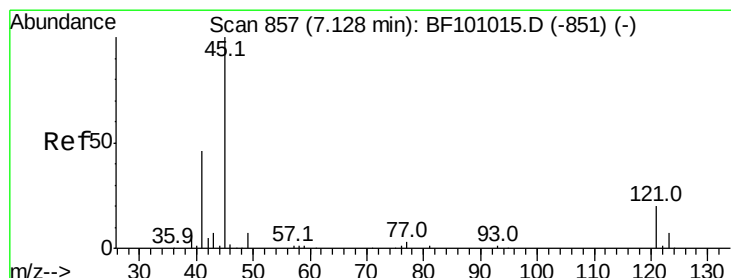
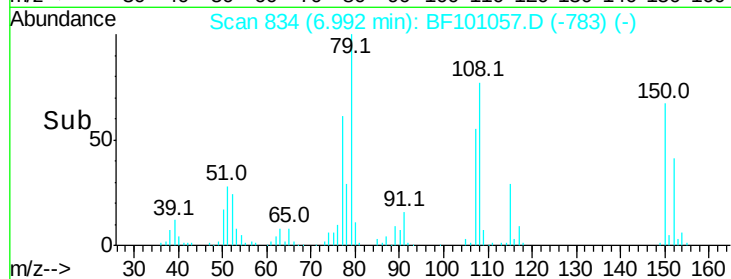
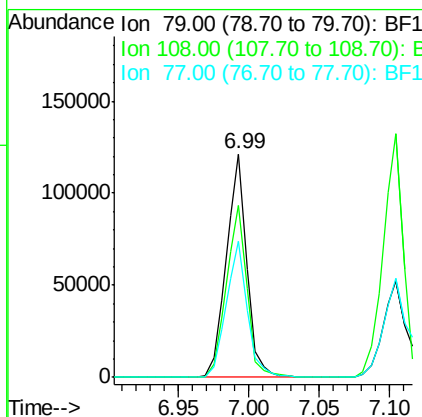
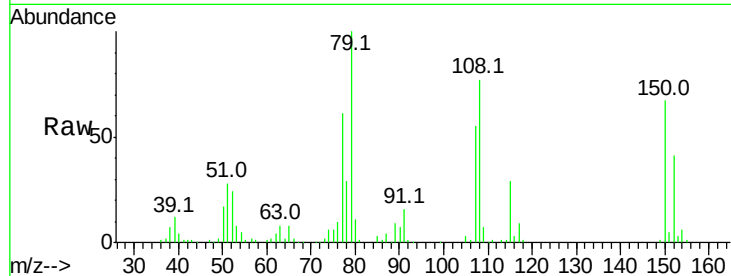




#15
Benzyl Alcohol
Concen: 40.821 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

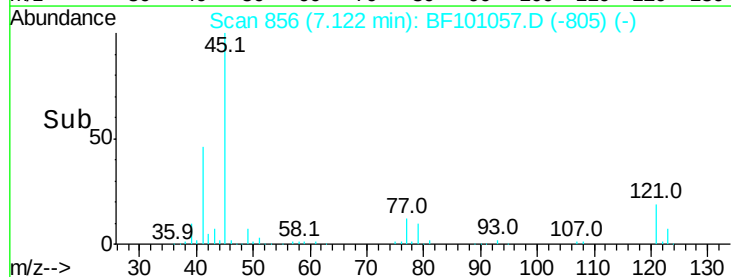
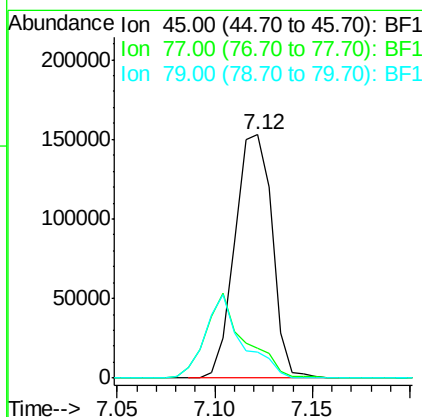
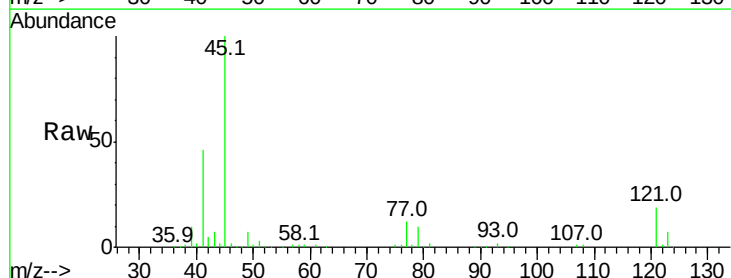
Instrument :
BNA_F
ClientSampleId :
PB104630BS

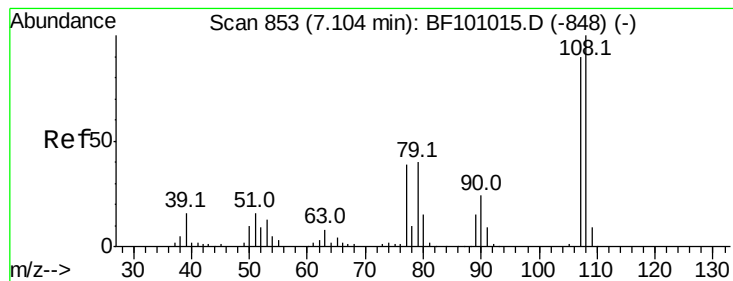
Tot Ion: 79 Resp: 122348
Ion Ratio Lower Upper
79 100
108 76.8 65.1 97.7
77 60.8 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.030 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion: 45 Resp: 202502
Ion Ratio Lower Upper
45 100
77 12.2 0.0 32.9
79 10.5 0.0 29.6

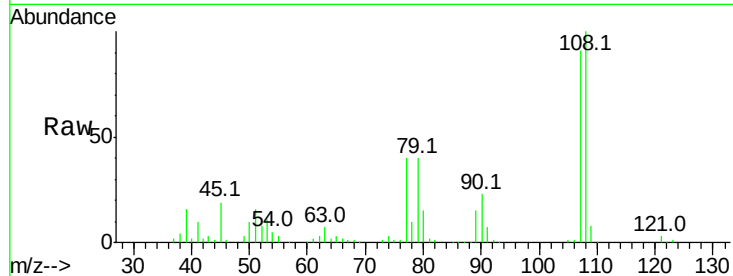




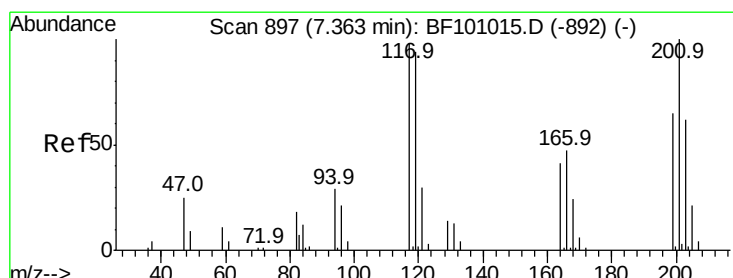
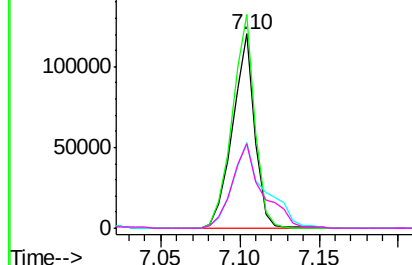
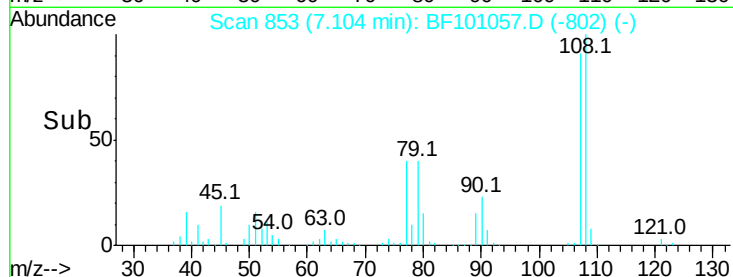
#17
2-Methylphenol
Concen: 41.488 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion:107 Resp: 116749
Ion Ratio Lower Upper
107 100
108 110.1 91.7 137.5
77 44.5 33.8 50.8
79 43.6 33.8 50.8

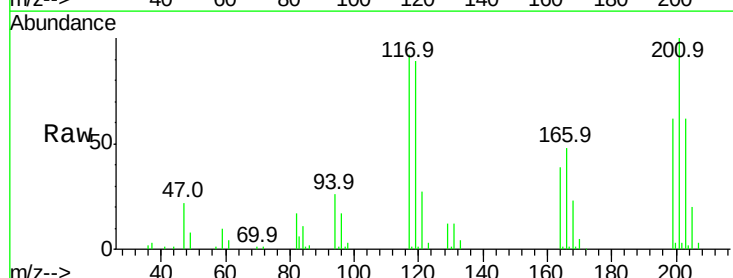


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

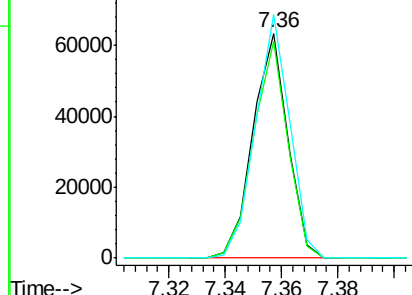
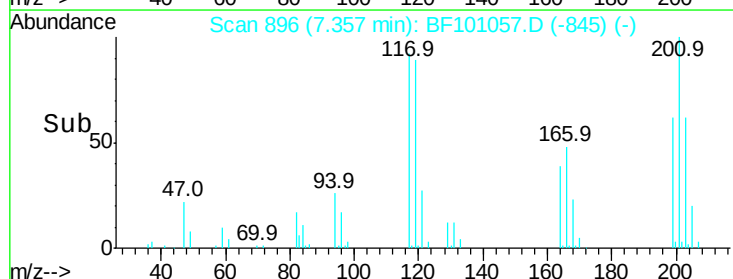


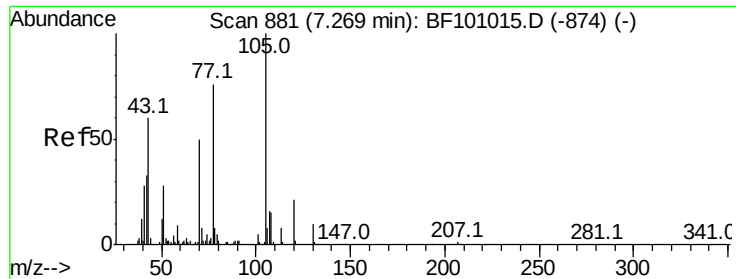
#18
Hexachloroethane
Concen: 40.044 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion:117 Resp: 54051
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.8
201 108.2 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

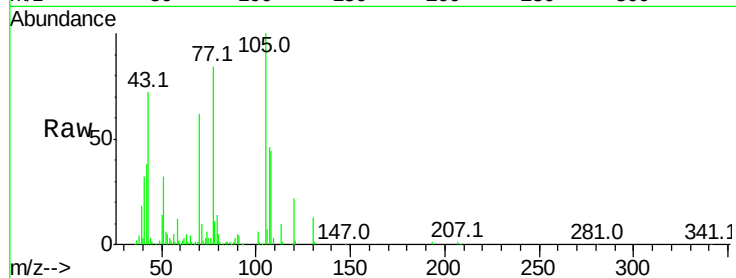




#19
n-Nitroso-di-n-propylamine
Concen: 36.760 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.7	47.5	71.3
101	10.0	7.4	11.2
130	20.7	16.6	25.0

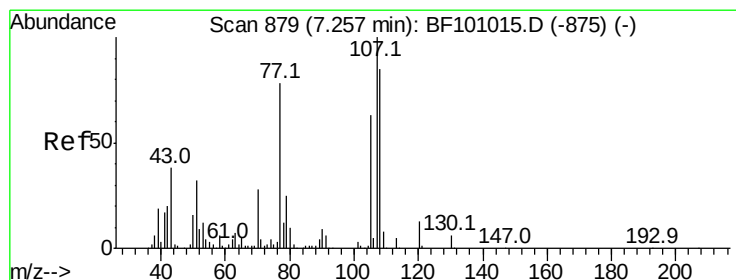
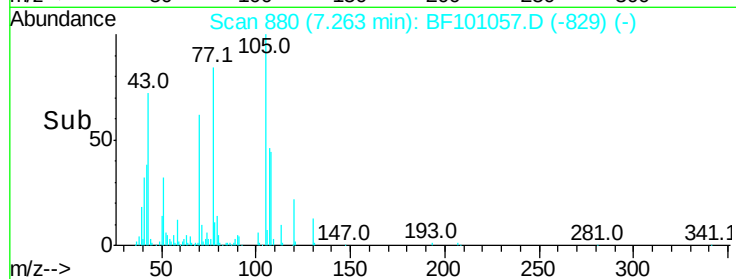
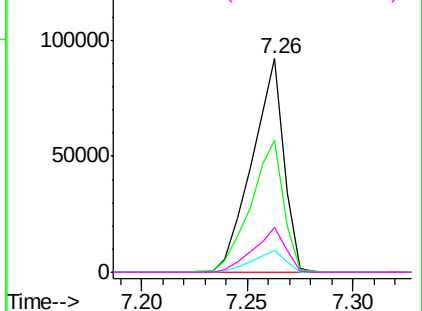


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 31.812 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

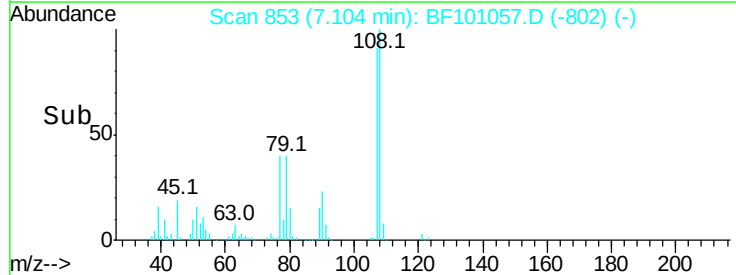
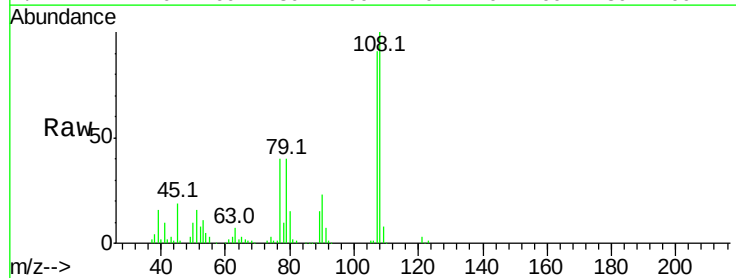
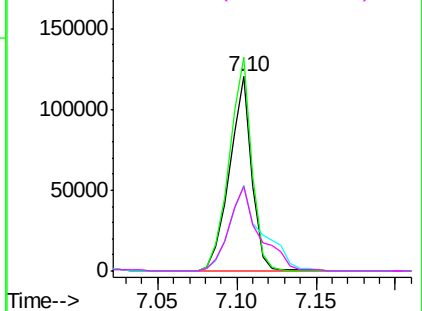
Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.1	68.2	108.2#
77	44.5	26.7	66.7
79	43.6	6.3	46.3

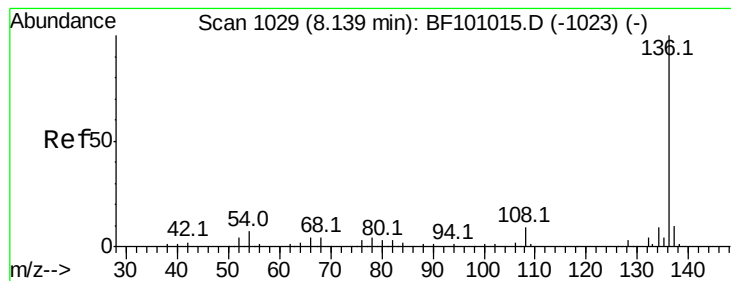
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampleId :

PB104630BS

Tot Ion:136 Resp: 208286

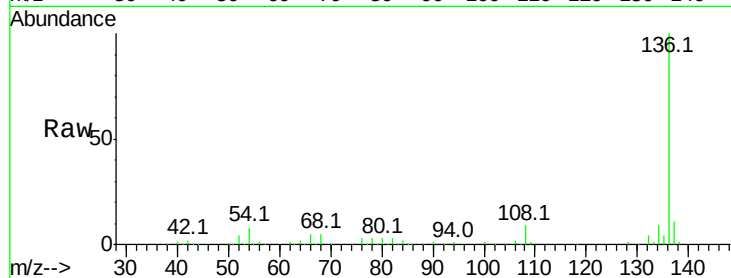
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.1 6.6 9.8

68 5.1 5.0 7.4

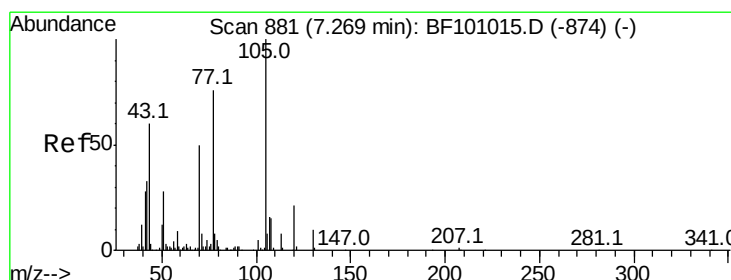
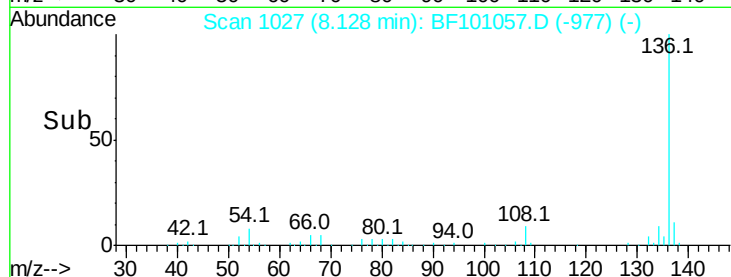
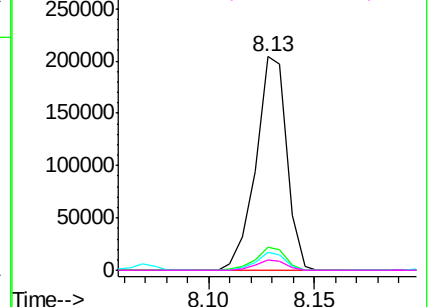


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.563 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Tgt Ion:105 Resp: 189020

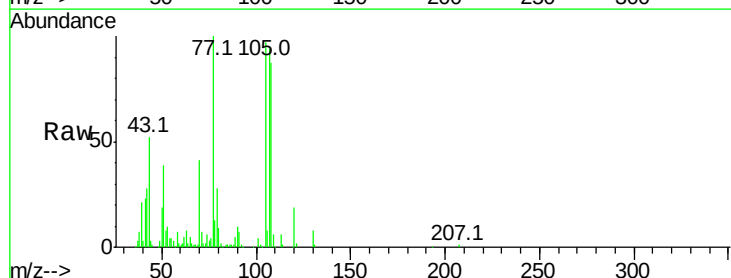
Ion Ratio Lower Upper

105 100

71 6.9 4.4 6.6#

51 40.2 22.3 33.5#

120 20.0 16.9 25.3

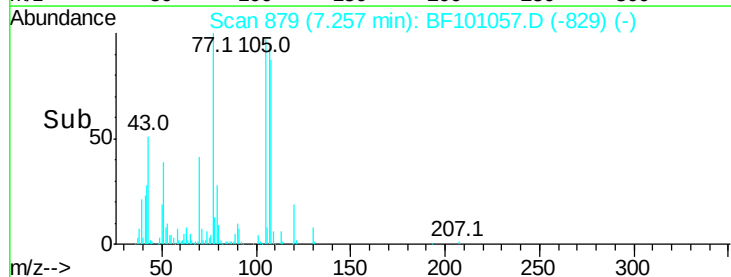
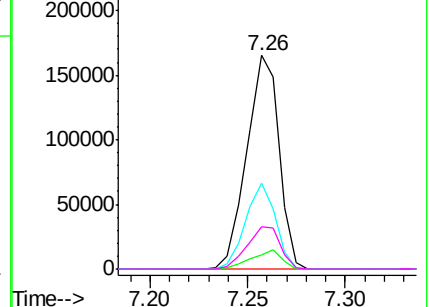


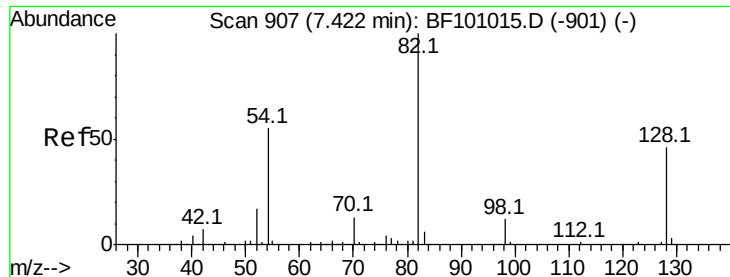
Abundance Ion 105.00 (104.70 to 105.70): E

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: 81.632 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampleId :

PB104630BS

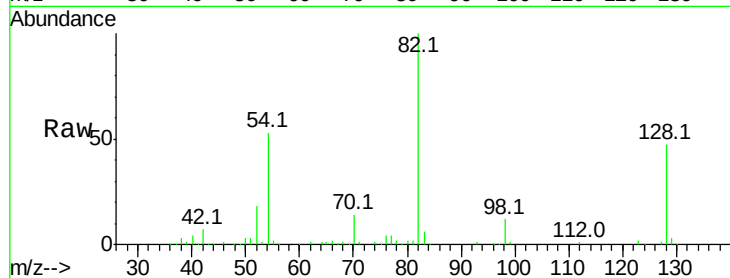
Tot Ion: 82 Resp: 285028

Ion Ratio Lower Upper

82 100

128 46.7 36.1 54.1

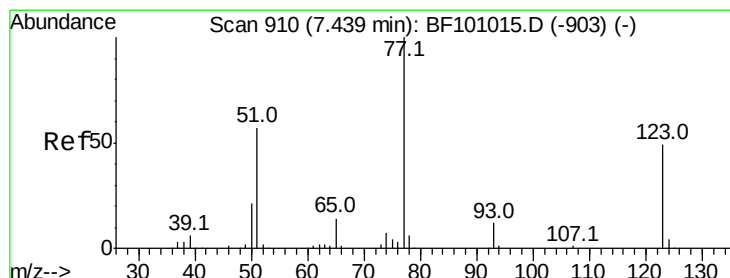
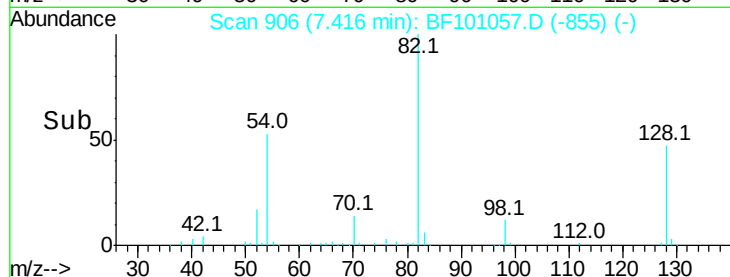
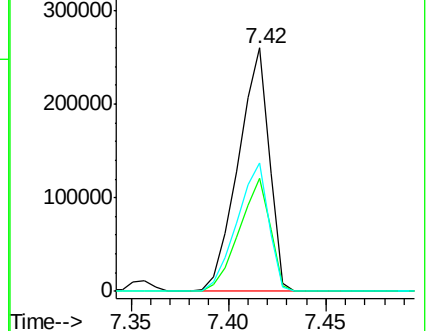
54 52.8 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 40.515 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

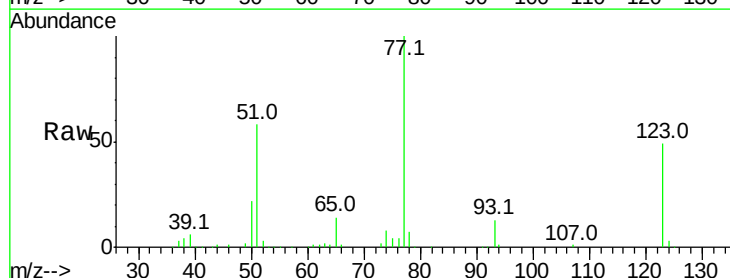
Tgt Ion: 77 Resp: 138643

Ion Ratio Lower Upper

77 100

123 49.0 37.9 56.9

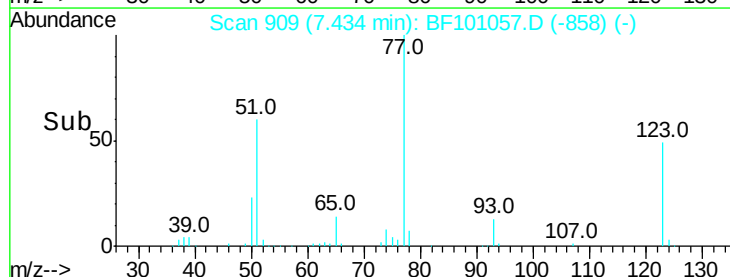
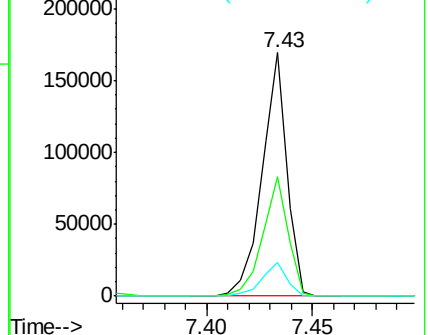
65 13.8 11.0 16.4

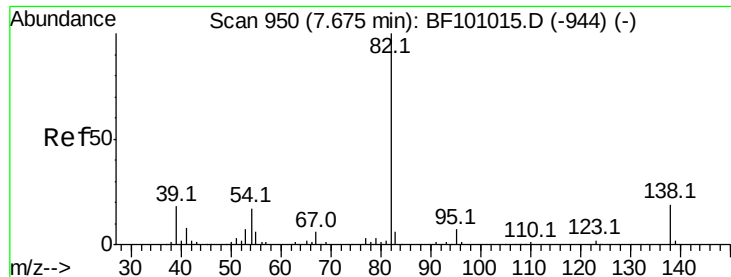


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.939 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampleId :

PB104630BS

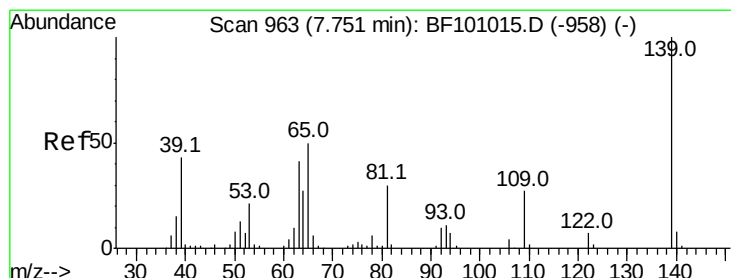
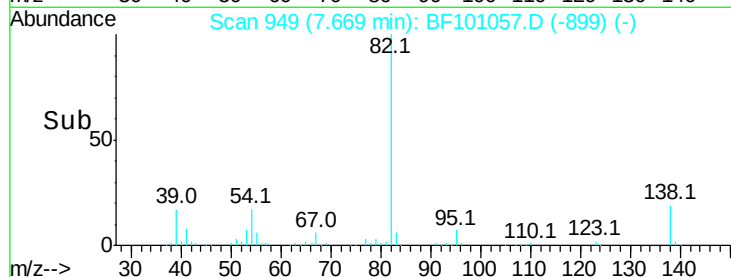
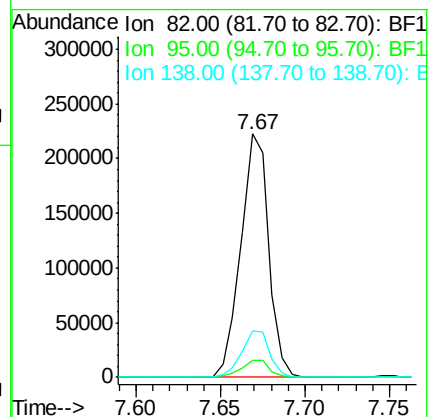
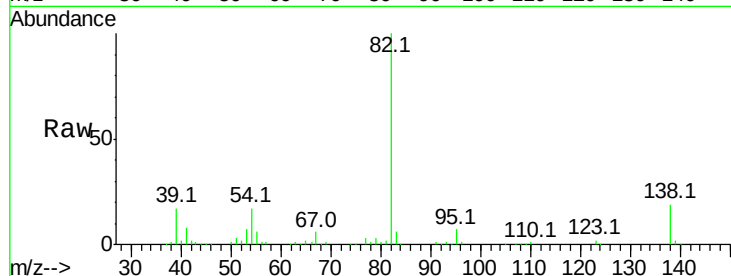
Tot Ion: 82 Resp: 256093

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 19.1 14.9 22.3



#26

2-Nitrophenol

Concen: 42.583 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

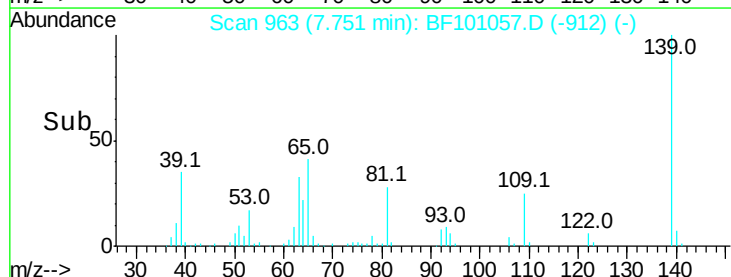
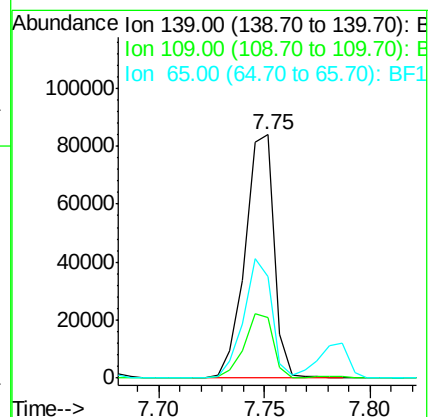
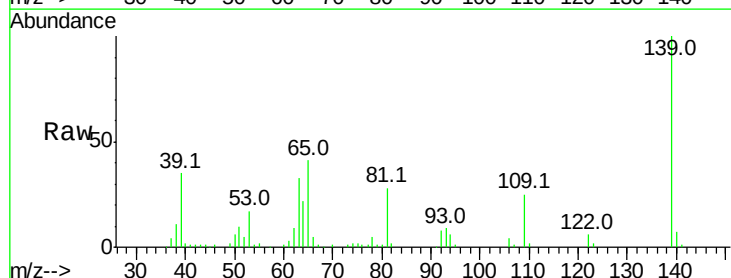
Tgt Ion: 139 Resp: 79993

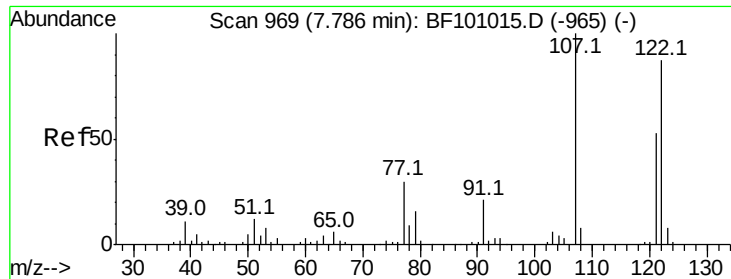
Ion Ratio Lower Upper

139 100

109 24.7 22.7 34.1

65 41.5 40.5 60.7

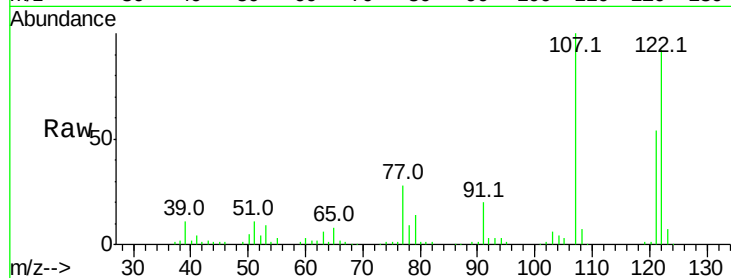




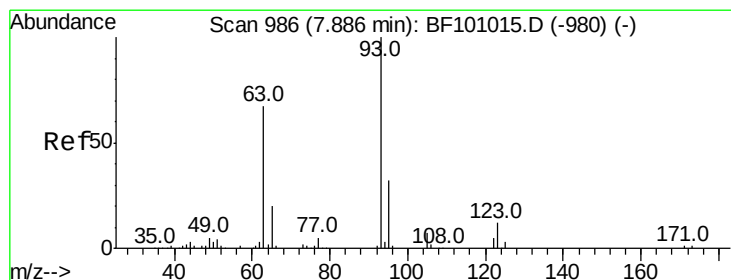
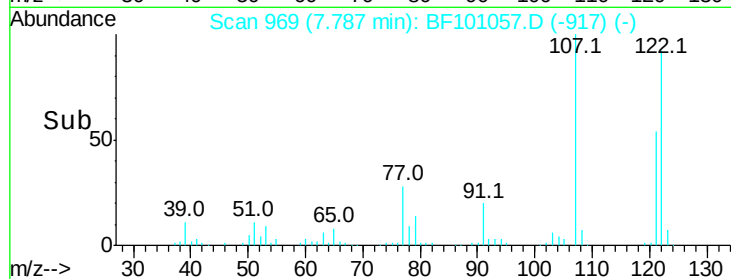
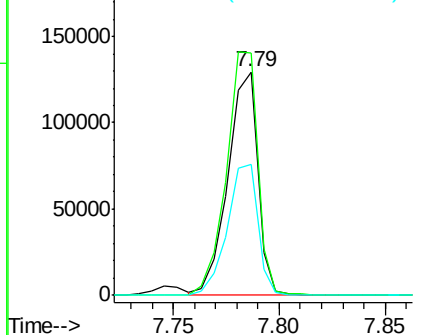
#27
 2,4-Dimethylphenol
 Concen: 46.682 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104630BS

Tot Ion:122 Resp: 126858
 Ion Ratio Lower Upper
 122 100
 107 108.4 91.2 136.8
 121 58.8 47.2 70.8

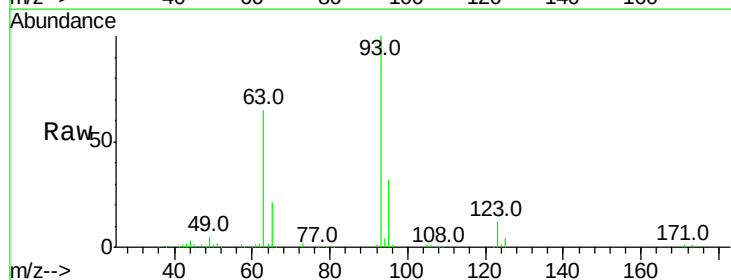


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

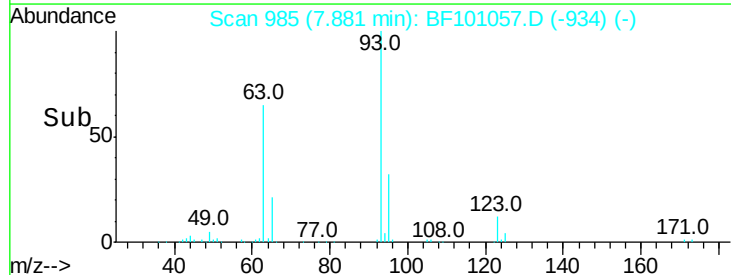
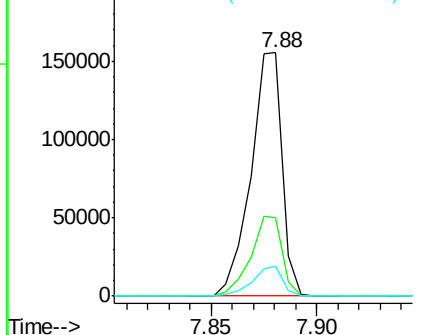


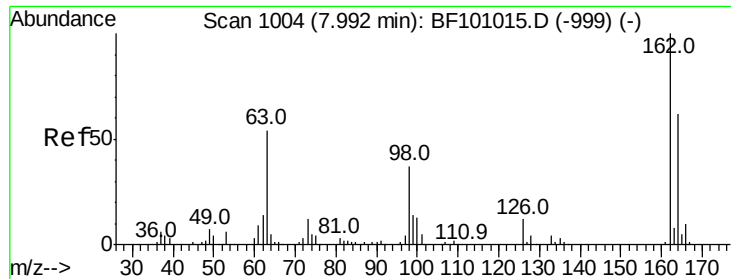
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.042 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Tgt Ion: 93 Resp: 160508
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.3 39.5
 123 12.0 9.8 14.6



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

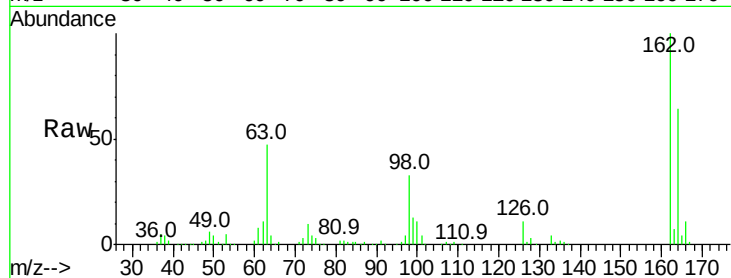




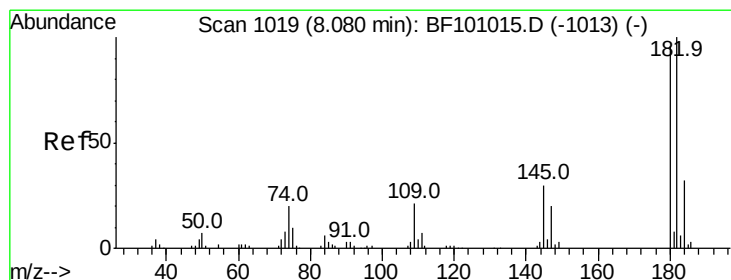
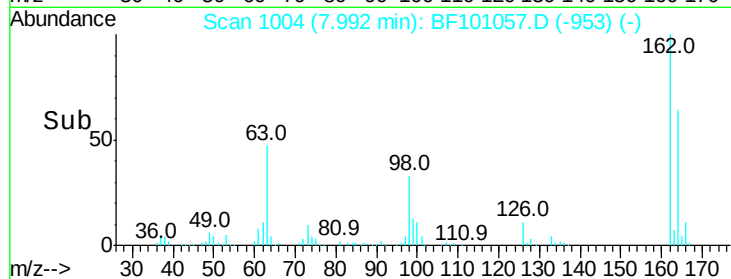
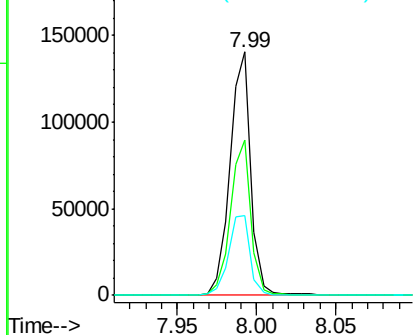
#29
 2,4-Dichlorophenol
 Concen: 43.294 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104630BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.7	82.7
98	32.8	18.1	58.1

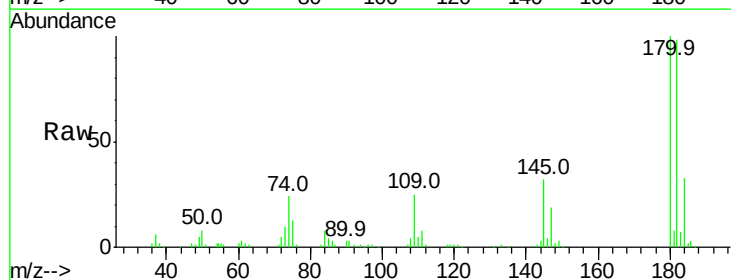


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

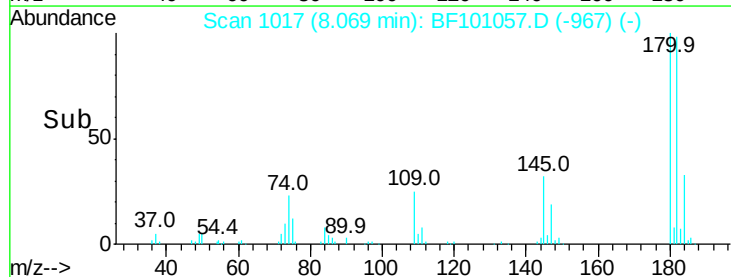
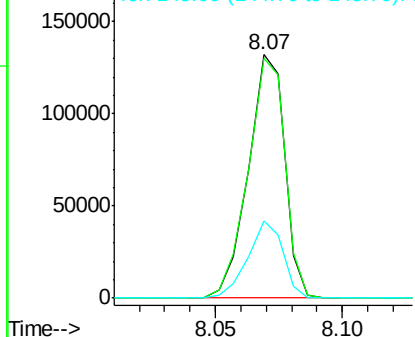


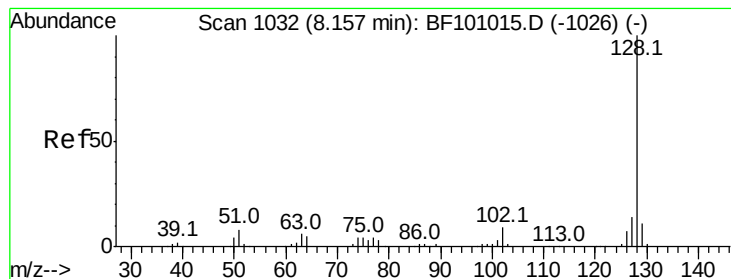
#30
 1,2,4-Trichlorobenzene
 Concen: 40.755 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	76.8	115.2
145	31.7	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: 39.685 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampleId :

PB104630BS

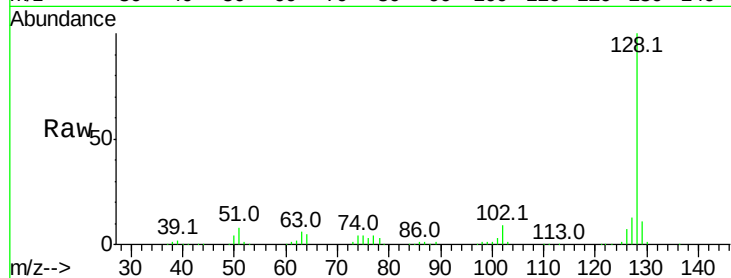
Tot Ion:128 Resp: 407387

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

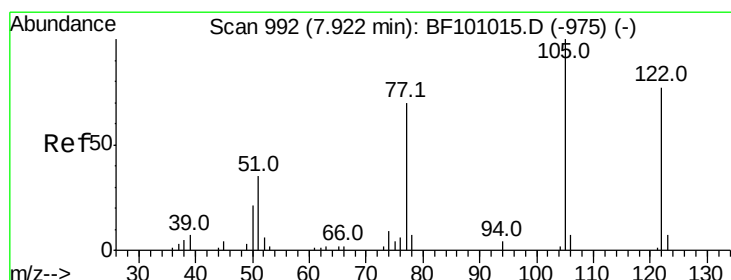
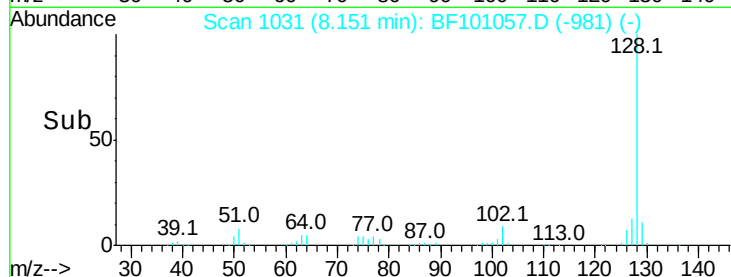
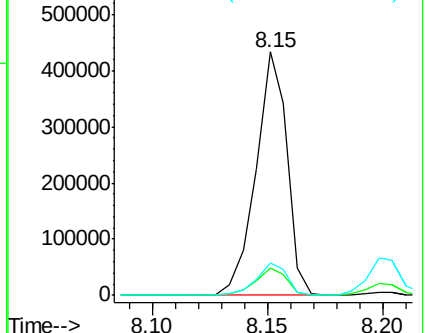
127 13.2 10.9 16.3



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: 60.021 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.13 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

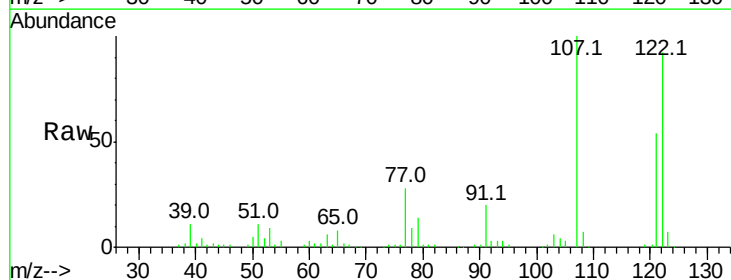
Tgt Ion:122 Resp: 126858

Ion Ratio Lower Upper

122 100

105 3.4 101.1 141.1#

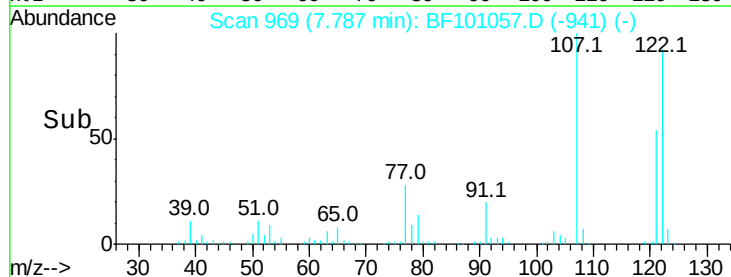
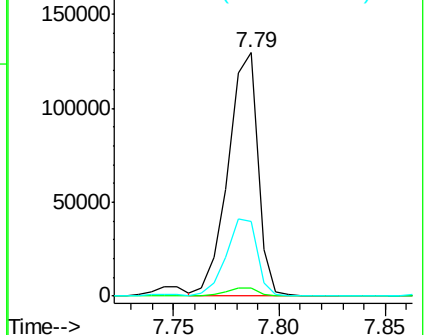
77 30.8 70.7 110.7#

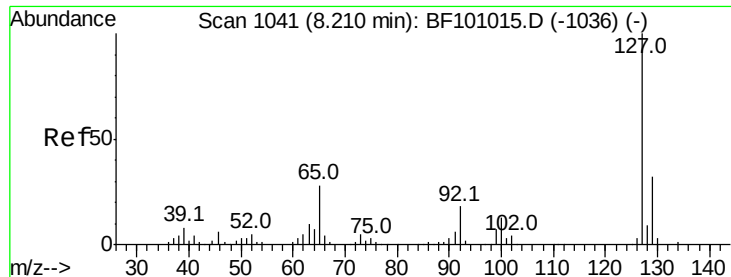


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

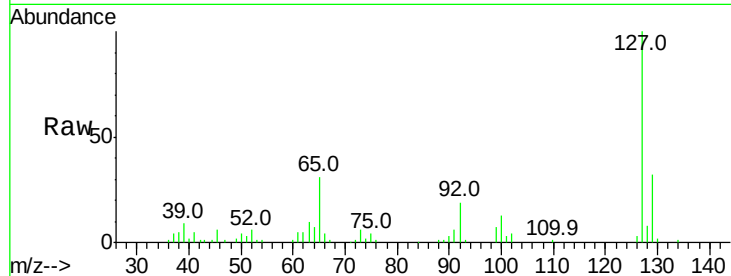




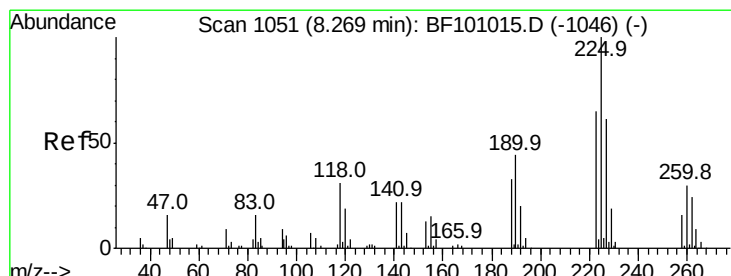
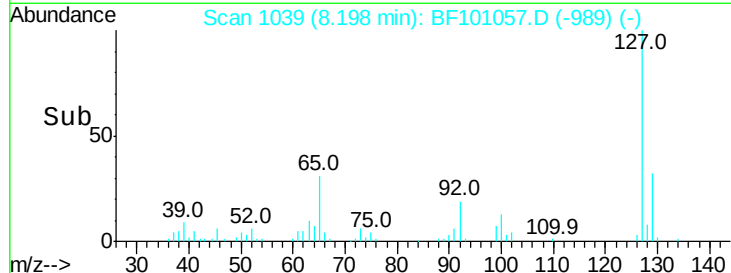
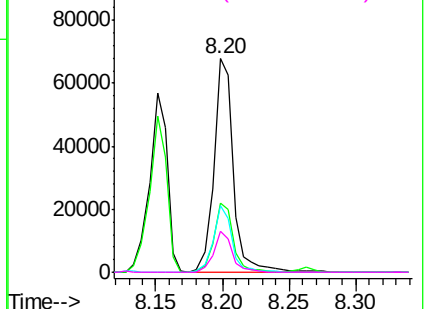
#33
4-Chloroaniline
Concen: 16.900 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion:	127	Resp:	69706
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	30.9	25.0	37.4
92	18.9	15.2	22.8

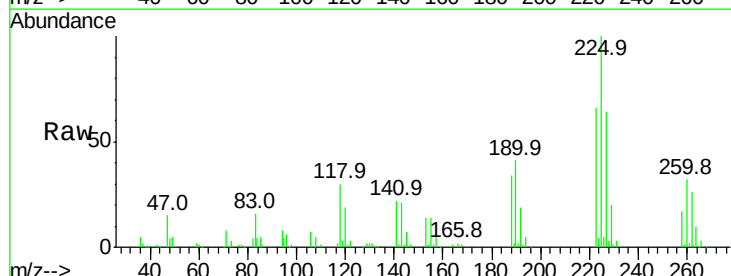


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

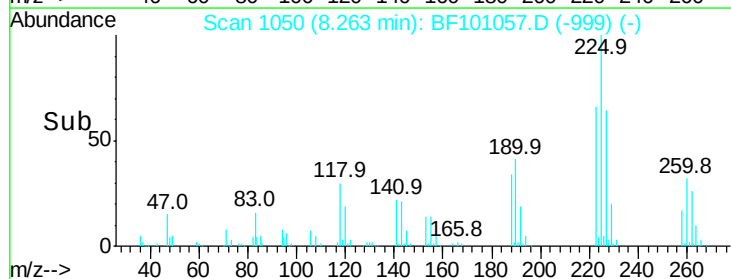
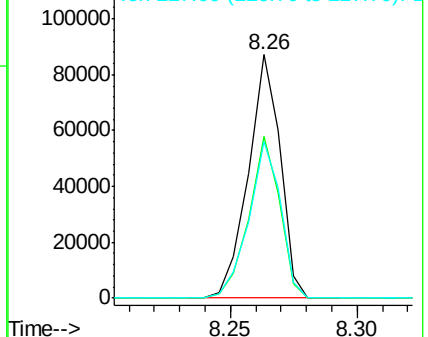


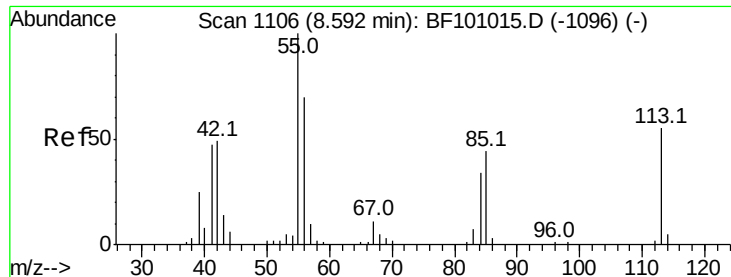
#34
Hexachlorobutadiene
Concen: 38.406 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion:	225	Resp:	76617
Ion	Ratio	Lower	Upper
225	100		
223	66.2	50.6	76.0
227	64.2	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

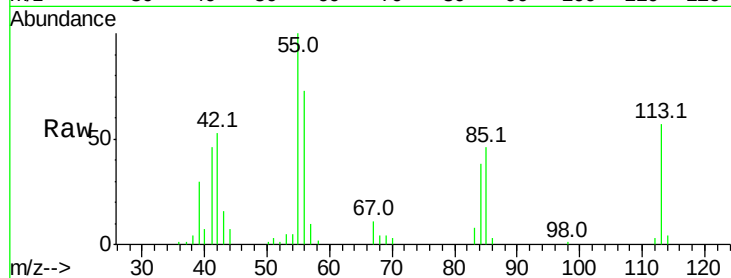




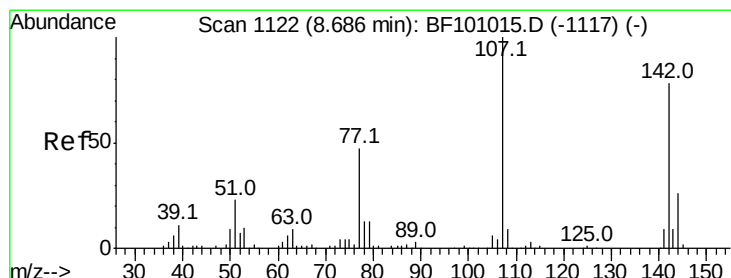
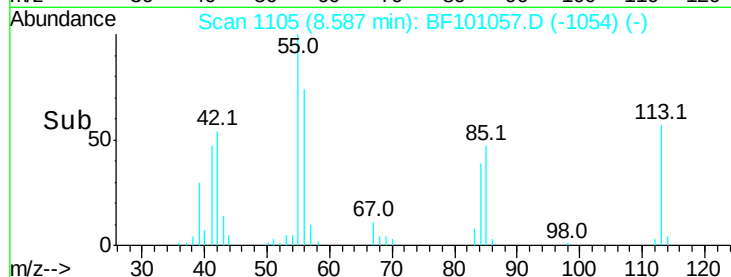
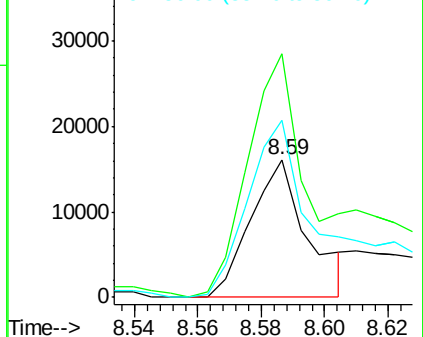
#35
Caprolactam
Concen: 21.621 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion:113 Resp: 19931
Ion Ratio Lower Upper
113 100
55 176.6 163.3 203.3
56 128.7 115.7 155.7

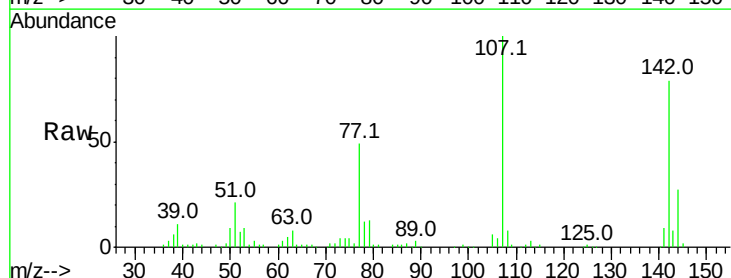


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

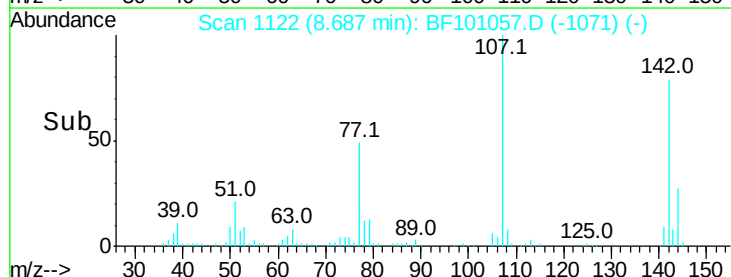
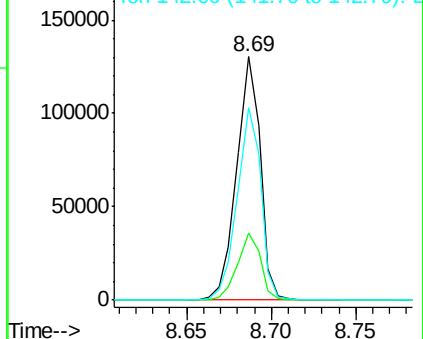


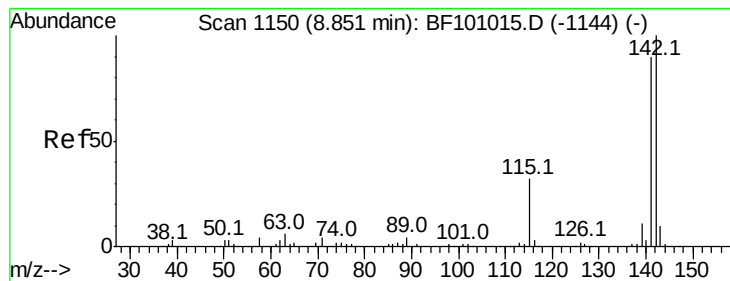
#36
4-Chloro-3-methylphenol
Concen: 41.554 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion:107 Resp: 127324
Ion Ratio Lower Upper
107 100
144 27.3 20.5 30.7
142 78.8 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: 40.740 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampleId :

PB104630BS

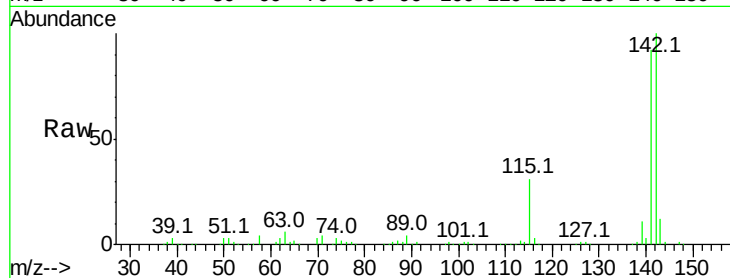
Tot Ion:142 Resp: 284169

Ion Ratio Lower Upper

142 100

141 92.0 70.8 106.2

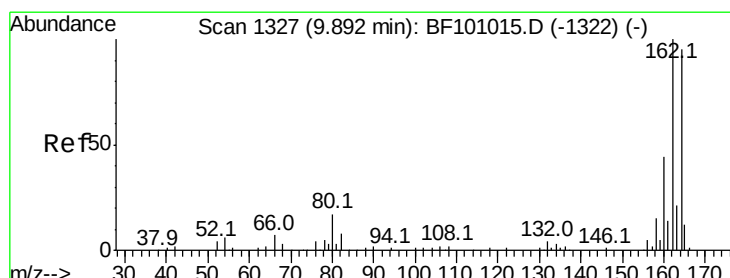
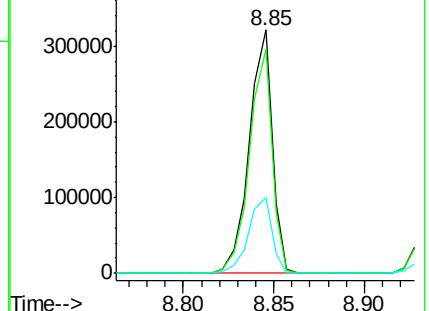
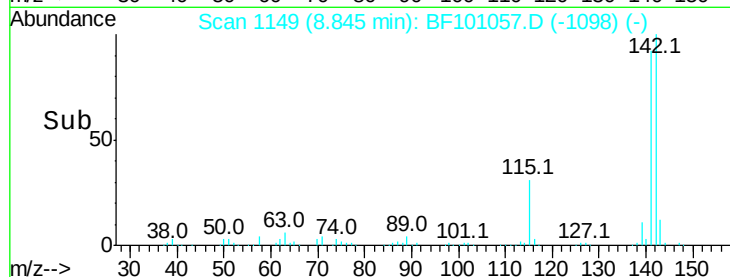
115 31.3 26.1 39.1



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: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

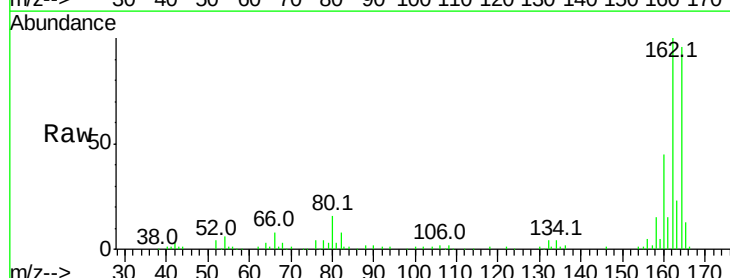
Tgt Ion:164 Resp: 98859

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

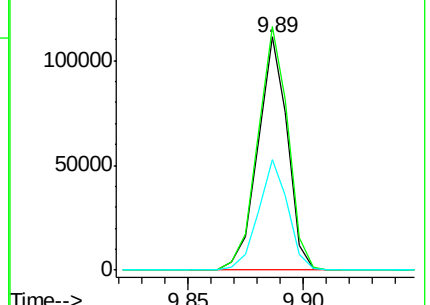
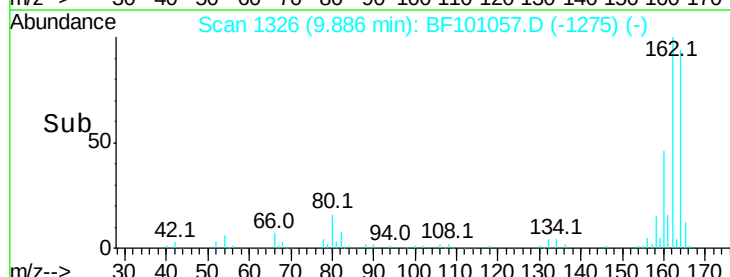
160 47.5 38.3 57.5

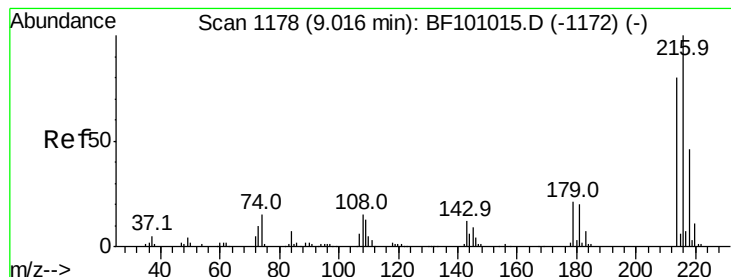


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.532 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampleId :

PB104630BS

Tot Ion:216 Resp: 131200

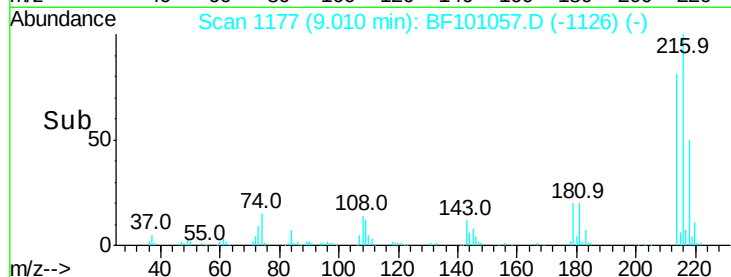
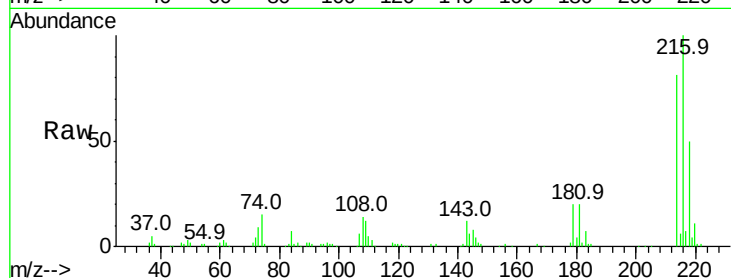
Ion Ratio Lower Upper

216 100

214 80.4 63.0 94.4

179 20.3 18.1 27.1

108 16.8 17.2 25.8#

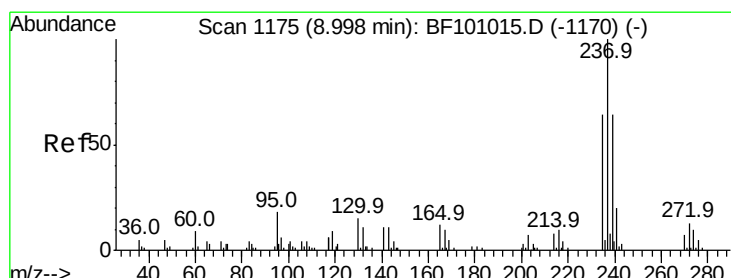
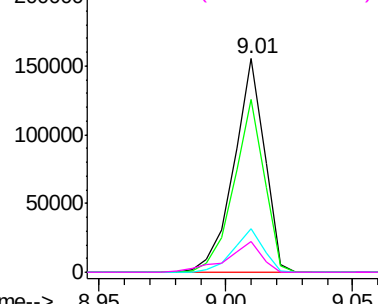


Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.689 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

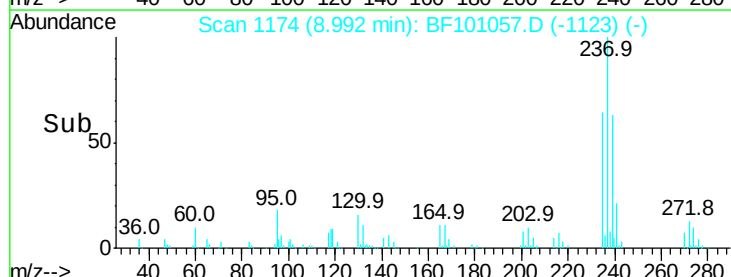
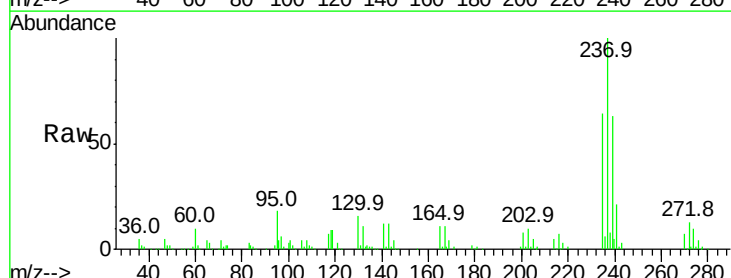
Tgt Ion:237 Resp: 117388

Ion Ratio Lower Upper

237 100

235 64.0 44.8 84.8

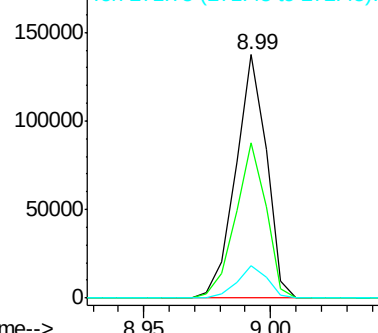
272 13.1 0.0 33.3

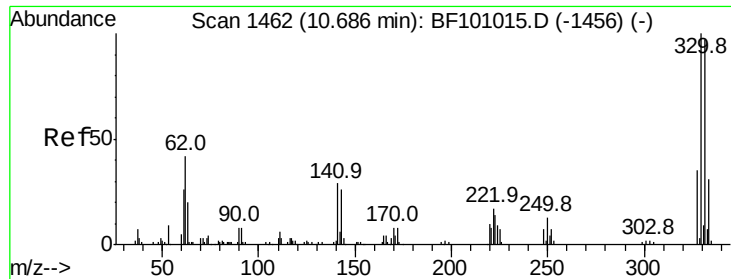


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

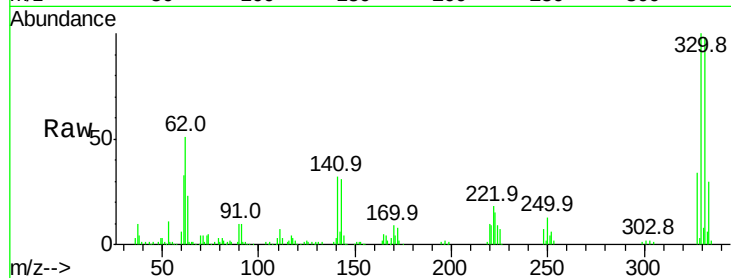




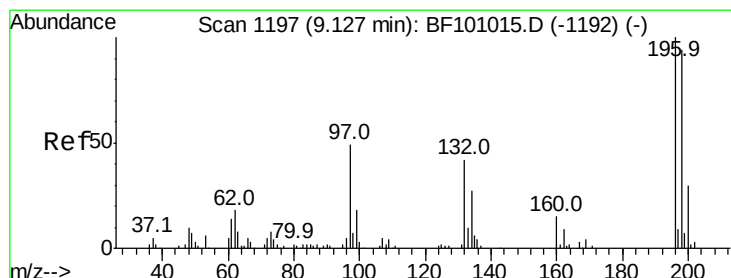
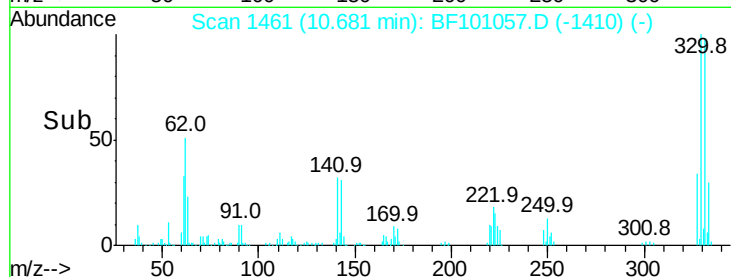
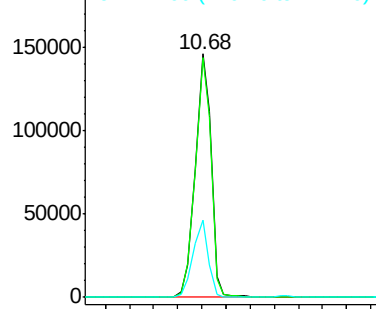
#41
 2,4,6-Tribromophenol
 Concen: 112.269 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104630BS

Tot Ion:330 Resp: 133328
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 30.0 29.9 44.9

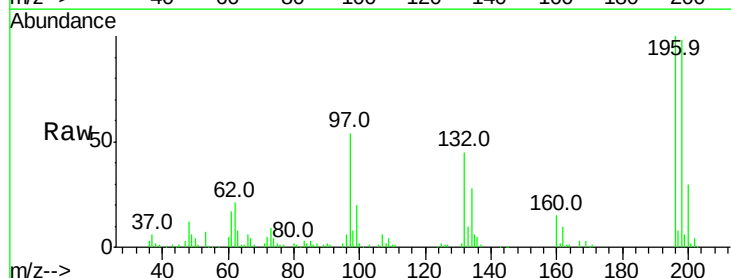


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

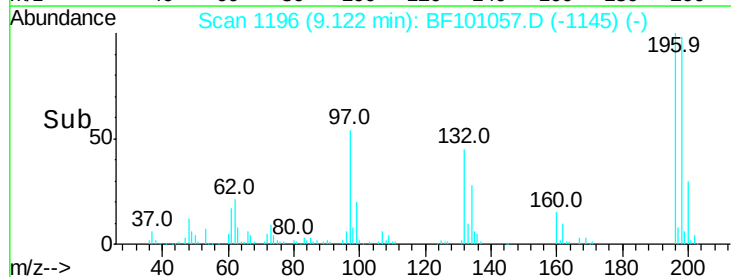
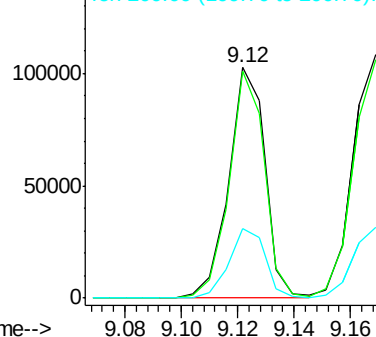


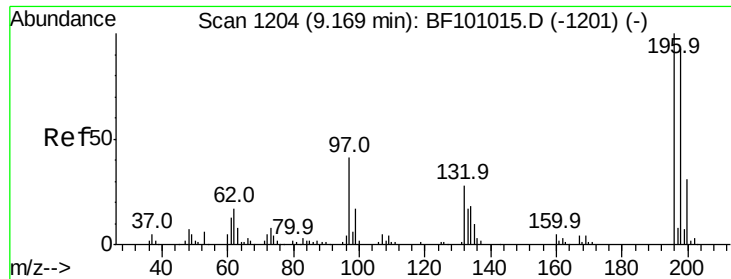
#42
 2,4,6-Trichlorophenol
 Concen: 43.383 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Tgt Ion:196 Resp: 91334
 Ion Ratio Lower Upper
 196 100
 198 98.5 75.7 113.5
 200 30.2 24.5 36.7



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

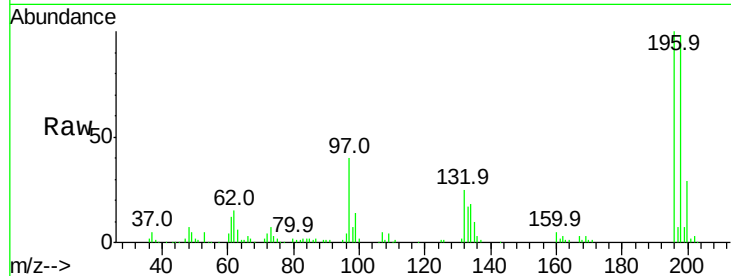




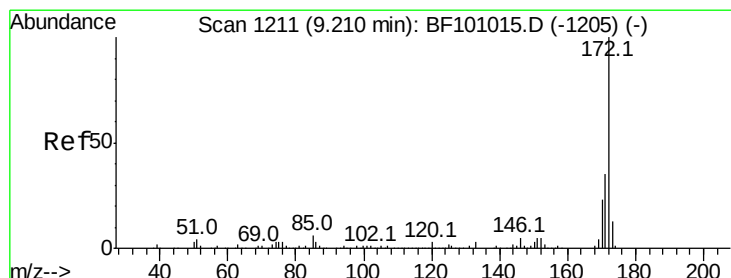
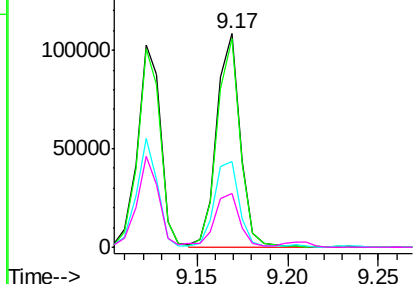
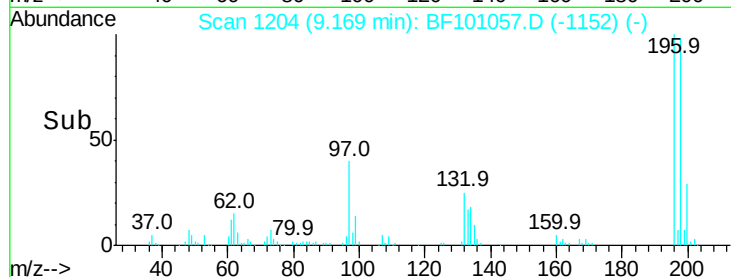
#43
2,4,5-Trichlorophenol
Concen: 43.511 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion:196 Resp: 97930
Ion Ratio Lower Upper
196 100
198 97.9 74.6 112.0
97 40.0 42.9 64.3#
132 25.1 26.3 39.5#

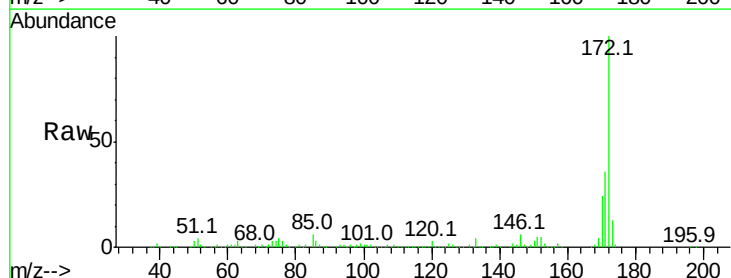


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

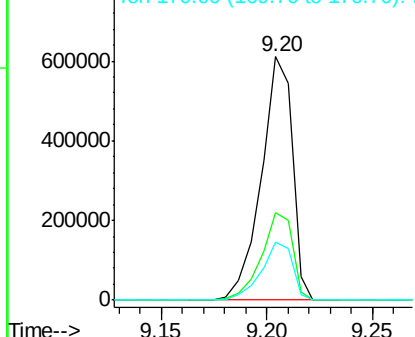
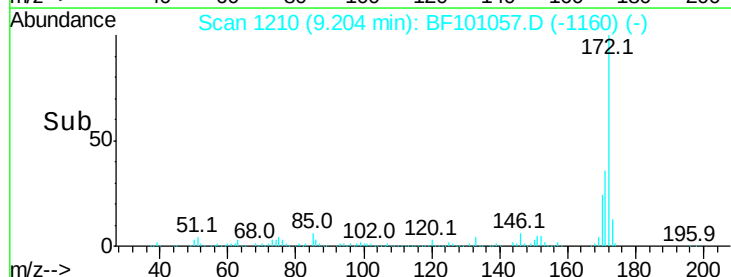


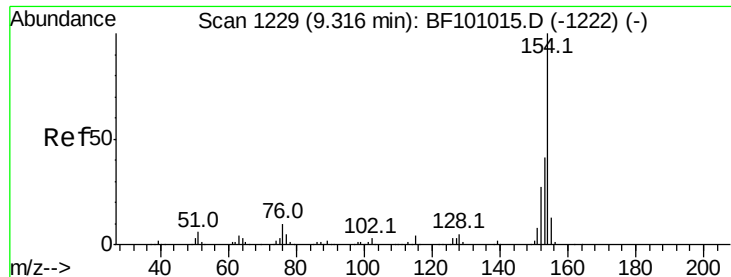
#44
2-Fluorobiphenyl
Concen: 86.657 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion:172 Resp: 626140
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 23.7 19.6 29.4



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

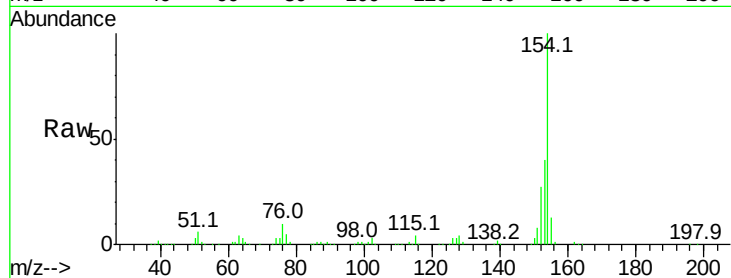




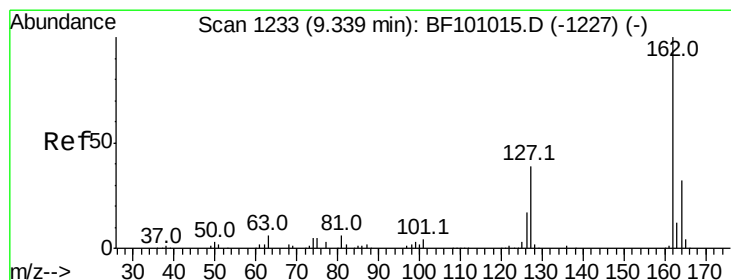
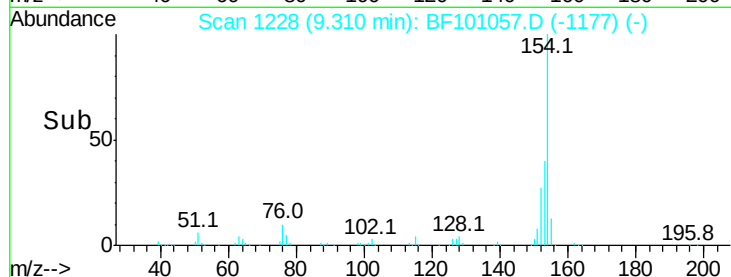
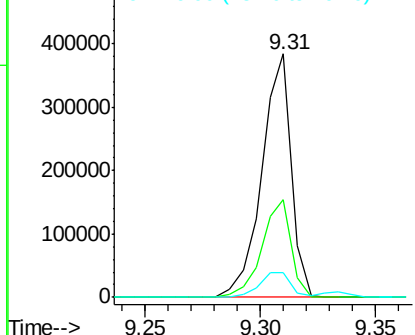
#45
1,1'-Biphenyl
Concen: 37.584 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion:154 Resp: 340418
Ion Ratio Lower Upper
154 100
153 40.4 21.3 61.3
76 10.3 0.0 34.0

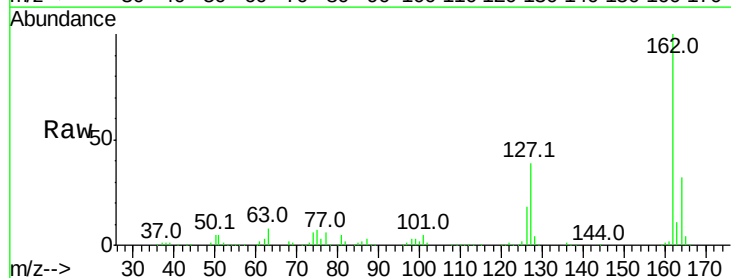


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

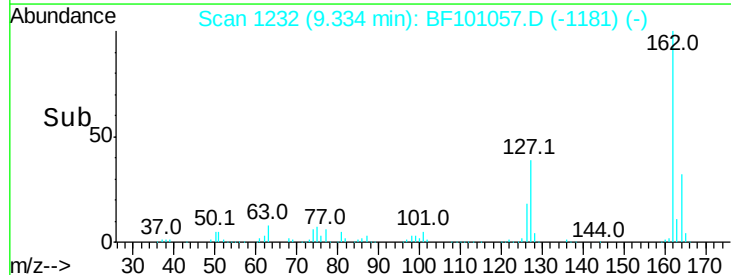
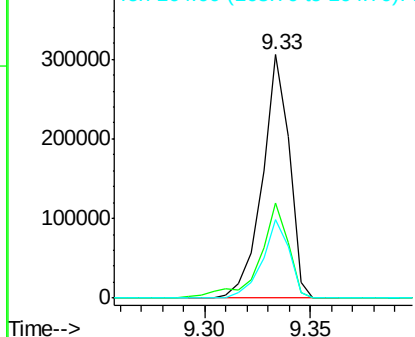


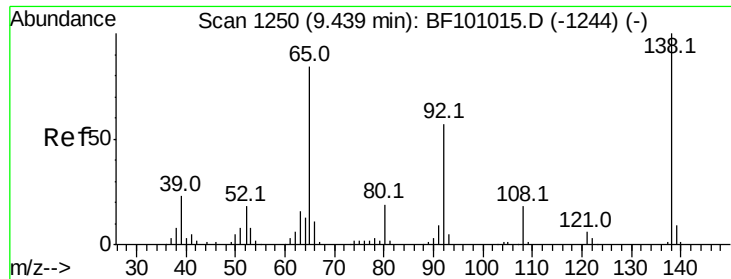
#46
2-Chloronaphthalene
Concen: 42.146 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion:162 Resp: 271103
Ion Ratio Lower Upper
162 100
127 39.3 33.9 50.9
164 32.1 26.5 39.7



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

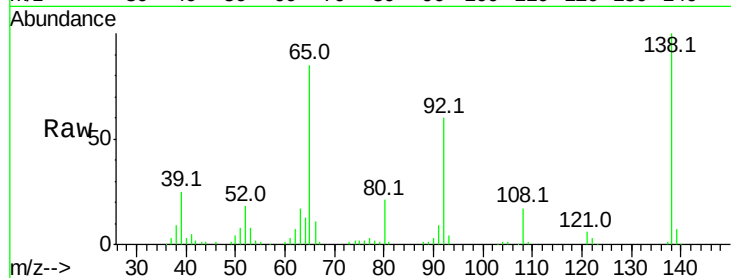




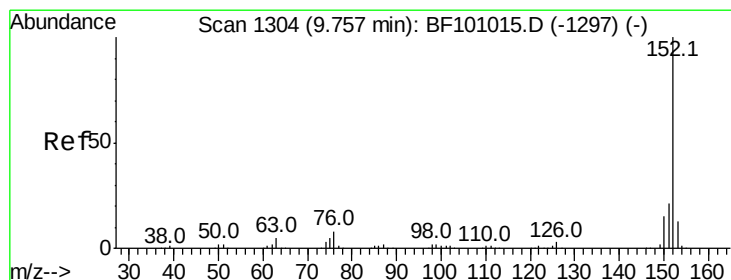
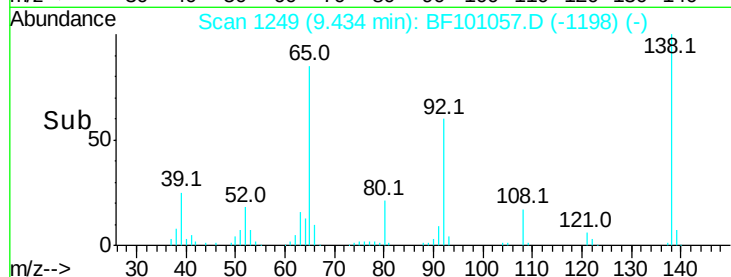
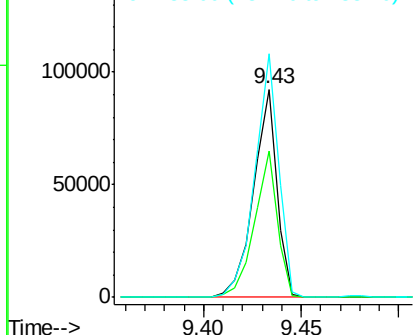
#47
2-Nitroaniline
Concen: 40.647 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion: 65 Resp: 77356
Ion Ratio Lower Upper
65 100
92 70.2 55.8 83.6
138 117.0 91.2 136.8

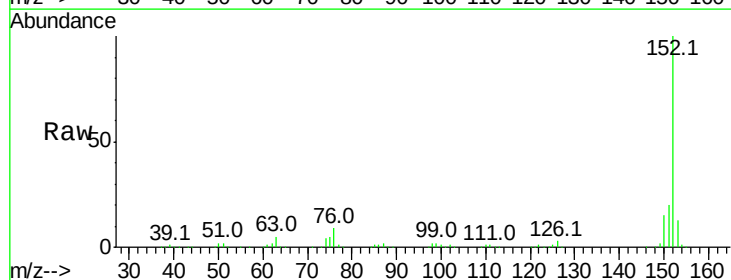


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

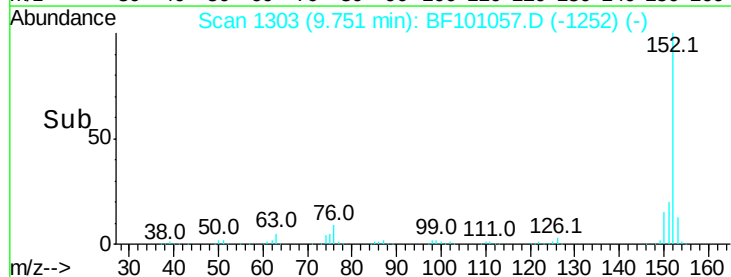
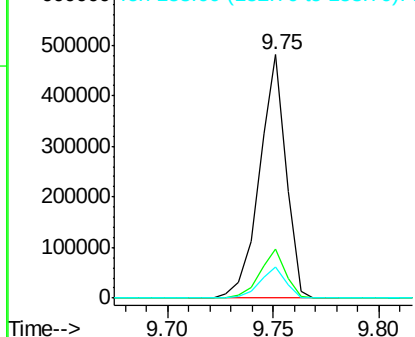


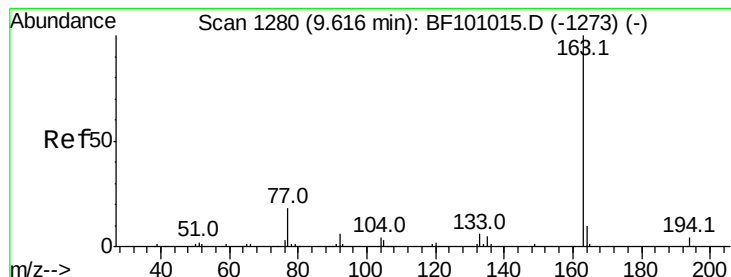
#48
Acenaphthylene
Concen: 39.467 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion: 152 Resp: 417204
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 12.9 10.7 16.1



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





#49

Dimethylphthalate

Concen: 42.572 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampleId :

PB104630BS

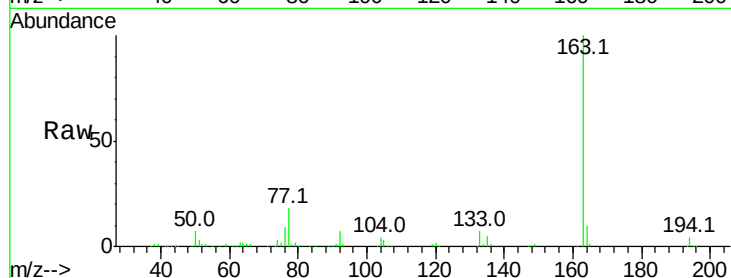
Tot Ion:163 Resp: 339415

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

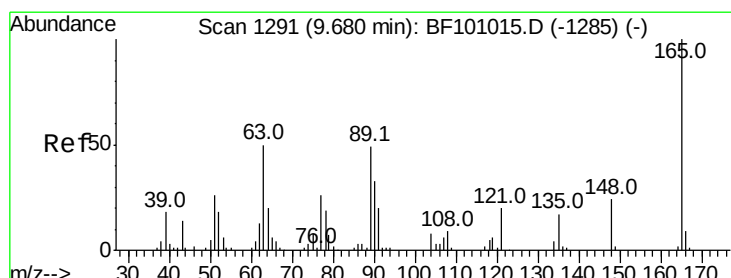
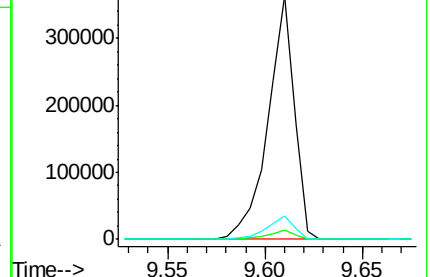
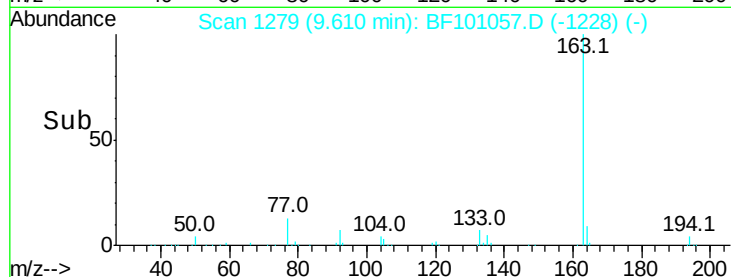
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.293 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

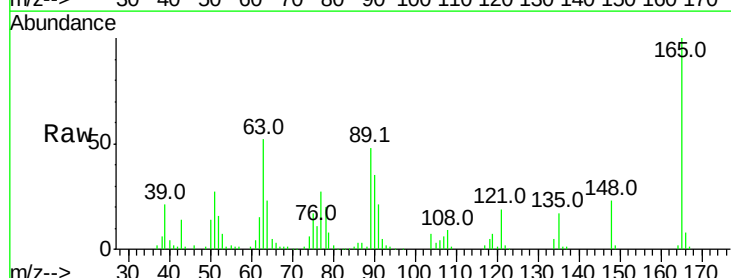
Tgt Ion:165 Resp: 69341

Ion Ratio Lower Upper

165 100

63 52.4 44.7 67.1

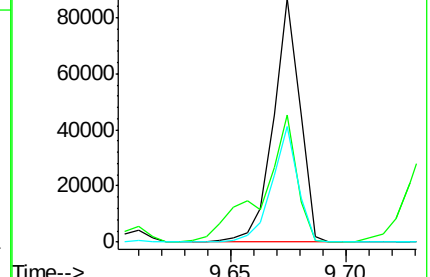
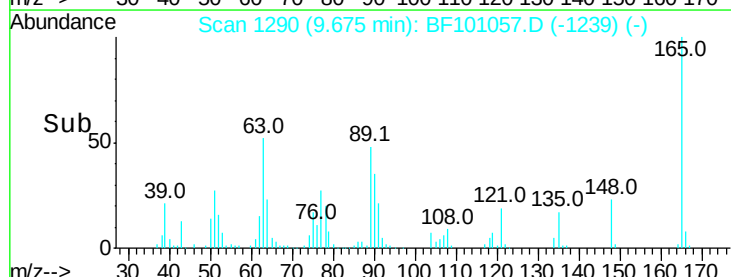
89 47.7 44.0 66.0

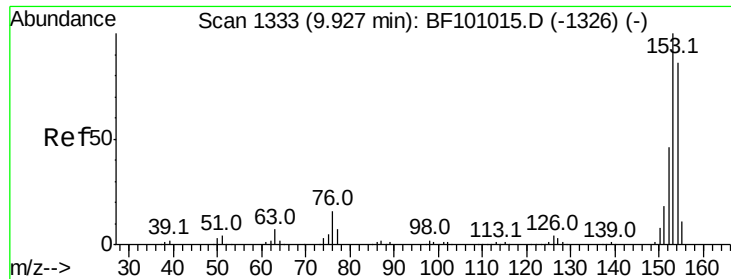


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

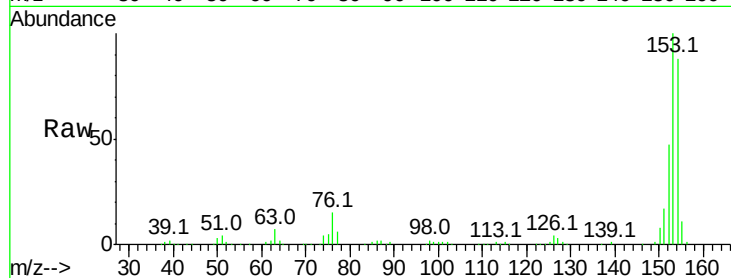




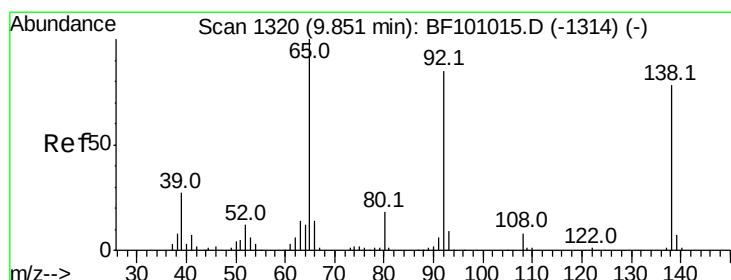
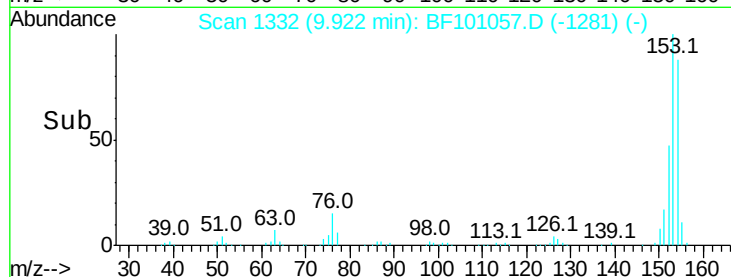
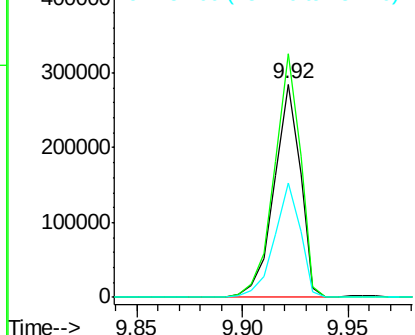
#51
Acenaphthene
Concen: 39.002 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion:154 Resp: 246874
Ion Ratio Lower Upper
154 100
153 114.2 91.2 136.8
152 53.8 43.8 65.8

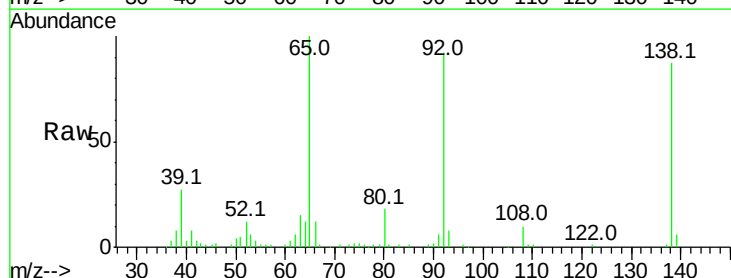


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

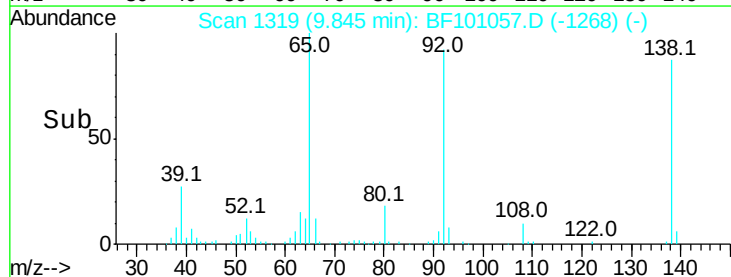
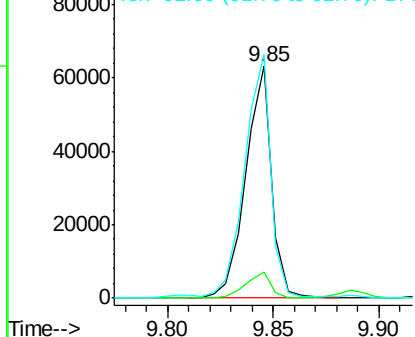


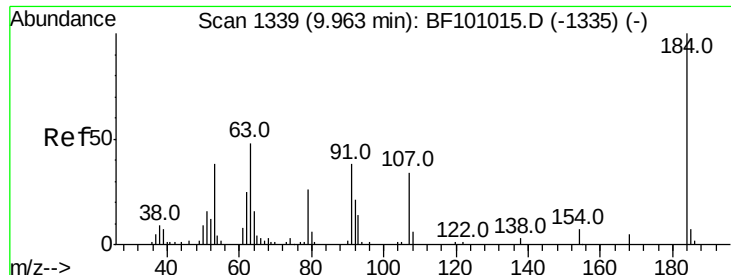
#52
3-Nitroaniline
Concen: 28.329 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion:138 Resp: 53497
Ion Ratio Lower Upper
138 100
108 11.0 9.4 14.0
92 105.0 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

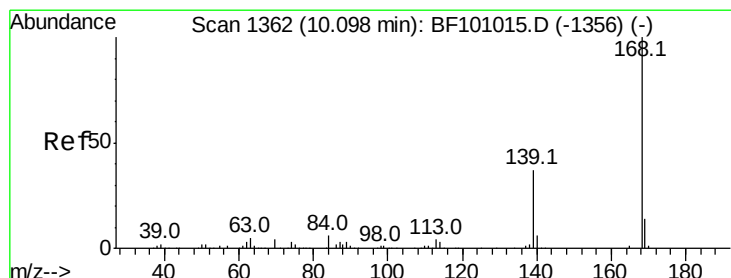
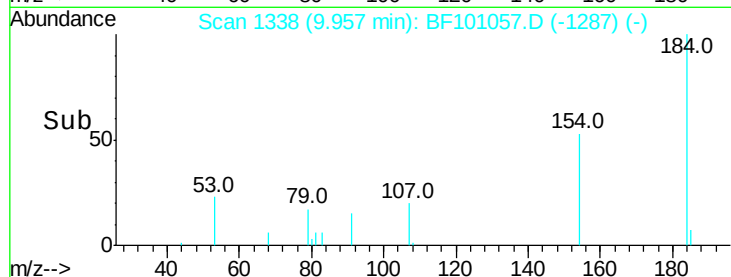
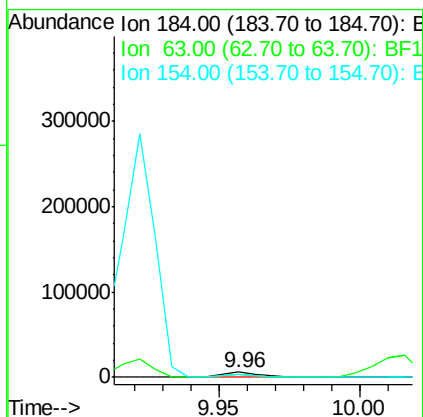
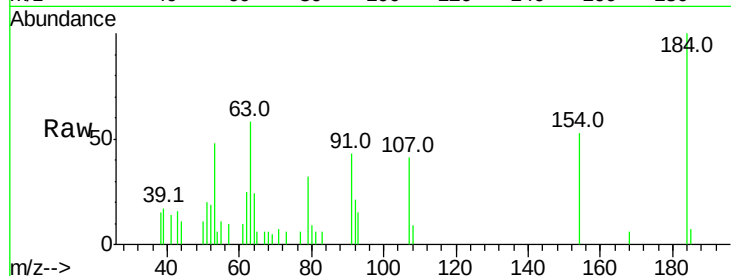




#53
 2,4-Dinitrophenol
 Concen: 11.434 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

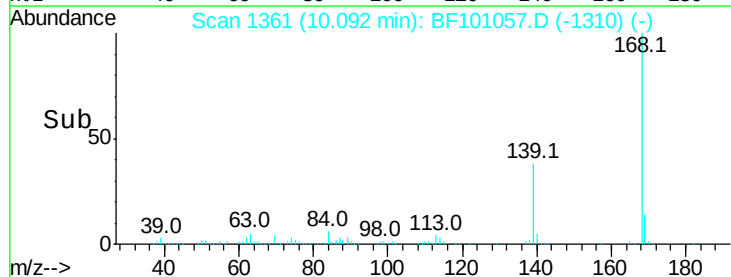
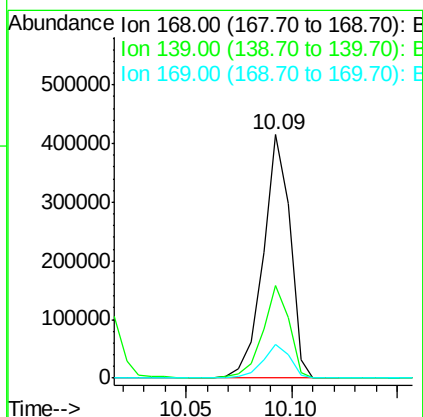
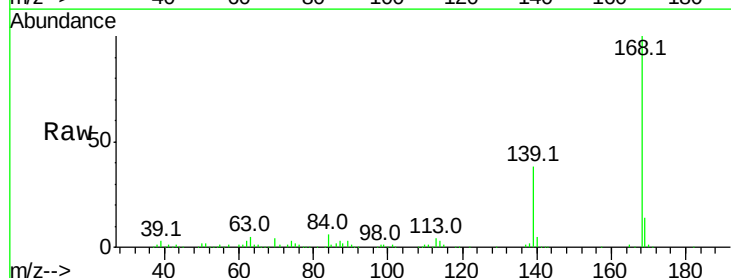
Instrument :
 BNA_F
 ClientSampleId :
 PB104630BS

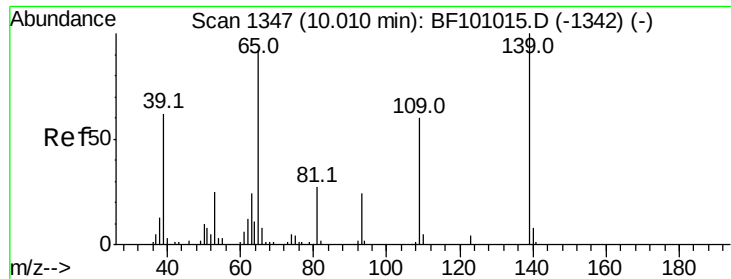
Tot Ion:184 Resp: 6071
 Ion Ratio Lower Upper
 184 100
 63 58.1 54.2 81.2
 154 53.3 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.292 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Tgt Ion:168 Resp: 367539
 Ion Ratio Lower Upper
 168 100
 139 38.1 30.1 45.1
 169 13.8 10.9 16.3

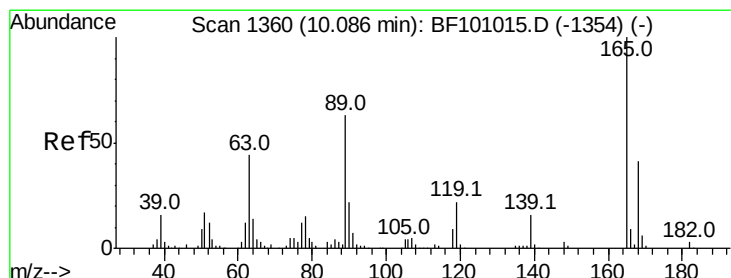
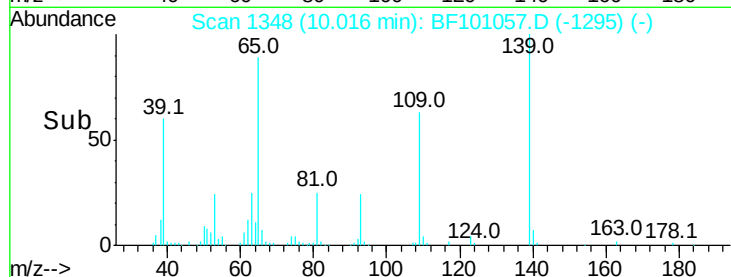
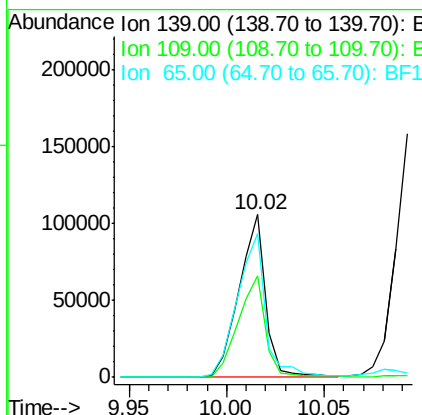
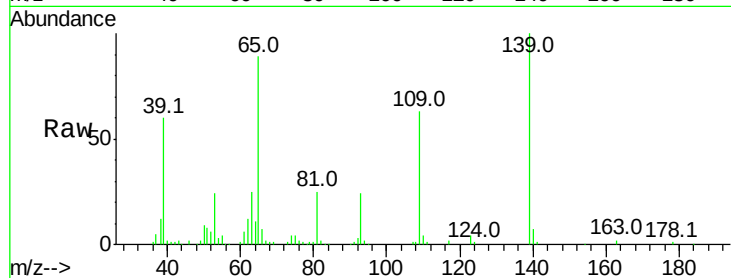




#55
4-Nitrophenol
Concen: 78.747 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

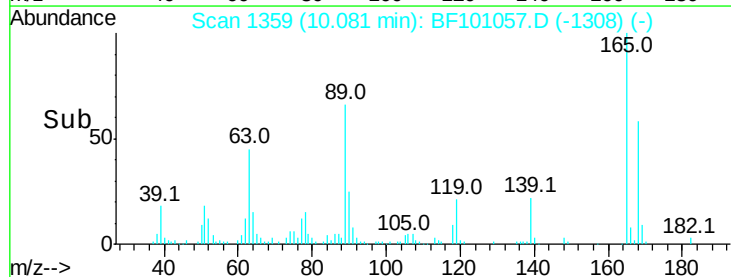
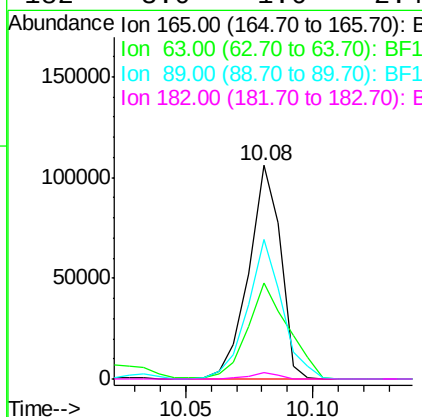
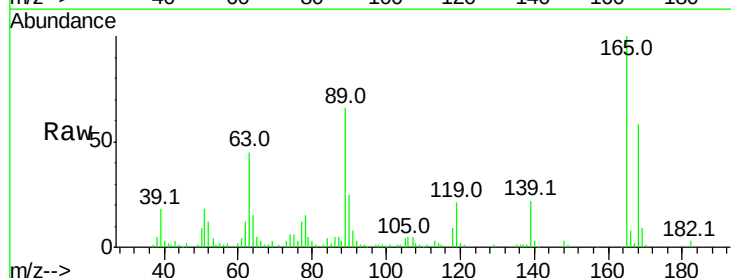
Instrument :
BNA_F
ClientSampleId :
PB104630BS

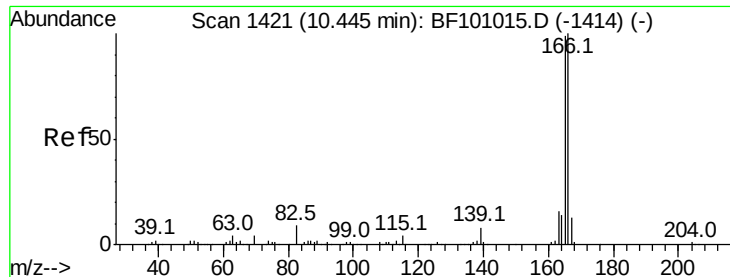
Tot Ion:139 Resp: 100288
Ion Ratio Lower Upper
139 100
109 62.7 48.4 88.4
65 88.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.466 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion:165 Resp: 93319
Ion Ratio Lower Upper
165 100
63 44.7 36.4 54.6
89 65.6 57.8 86.6
182 3.0 1.6 2.4#

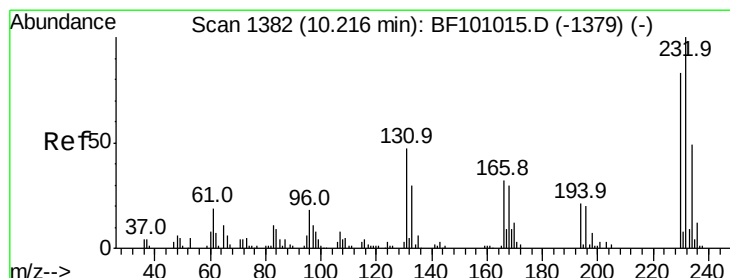
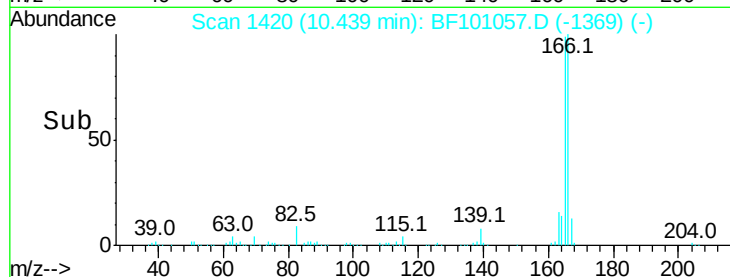
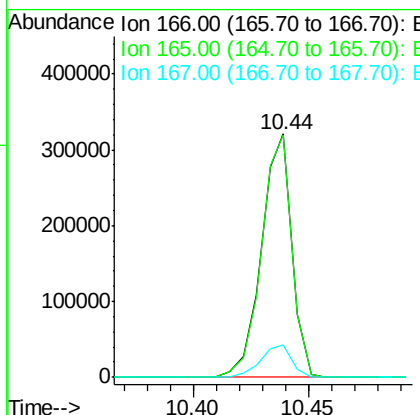
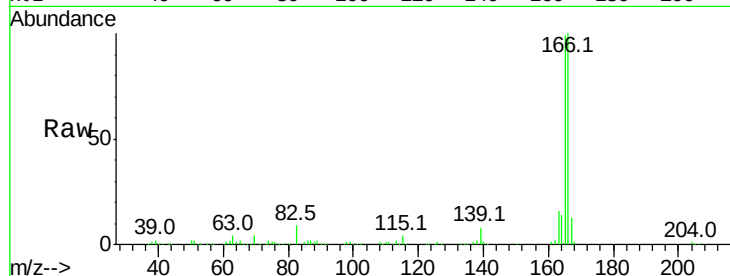




#57
 Fluorene
 Concen: 39.524 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

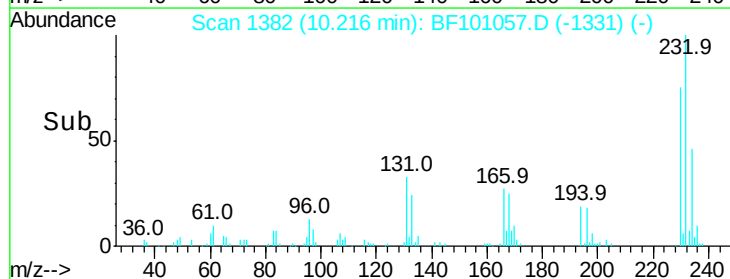
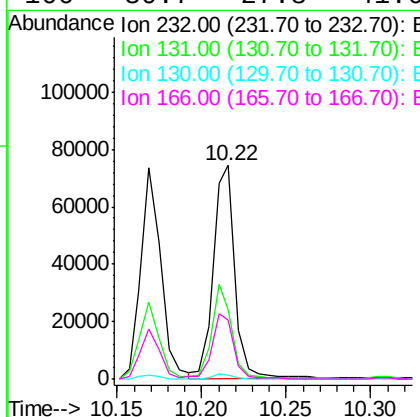
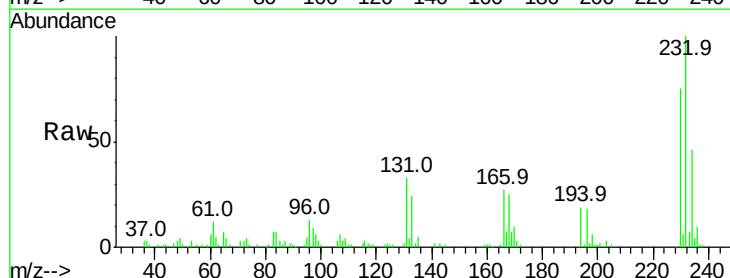
Instrument :
 BNA_F
 ClientSampleId :
 PB104630BS

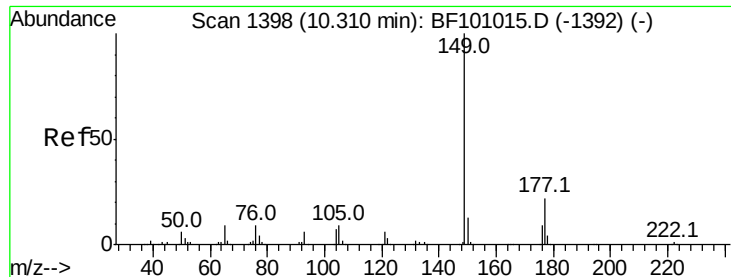
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.8	119.8
167	13.1	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.815 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.8	43.8	65.8#
130	2.1	2.1	3.1
166	30.7	27.8	41.6

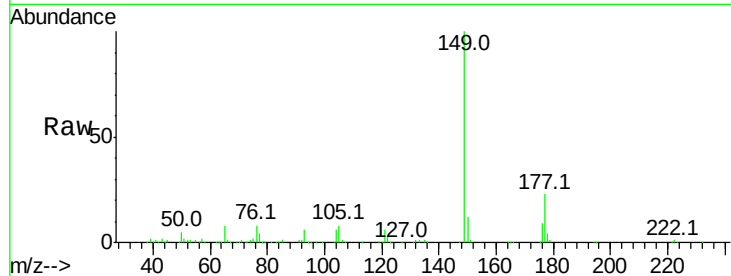




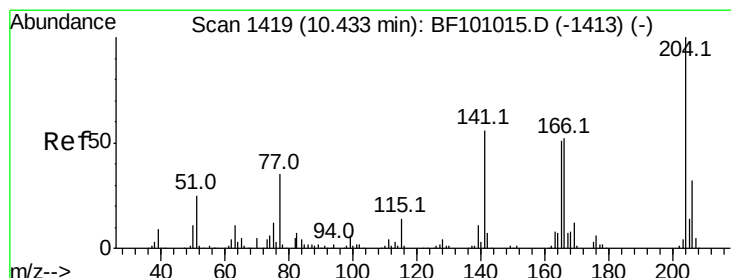
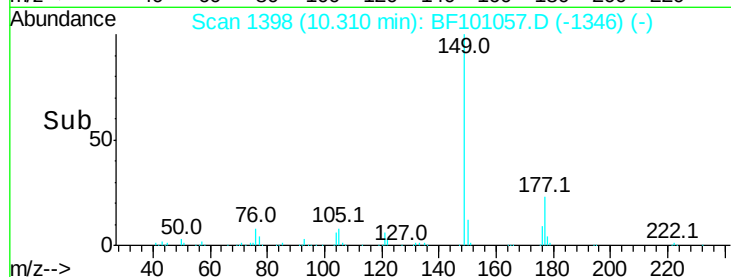
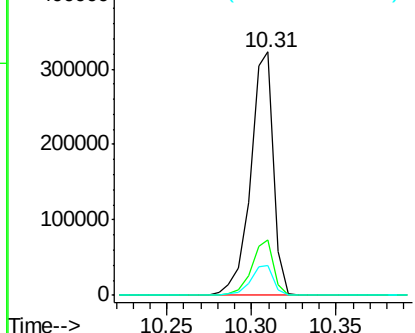
#59
Diethylphthalate
Concen: 38.974 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion:149 Resp: 306481
Ion Ratio Lower Upper
149 100
177 23.0 16.1 24.1
150 12.1 10.1 15.1

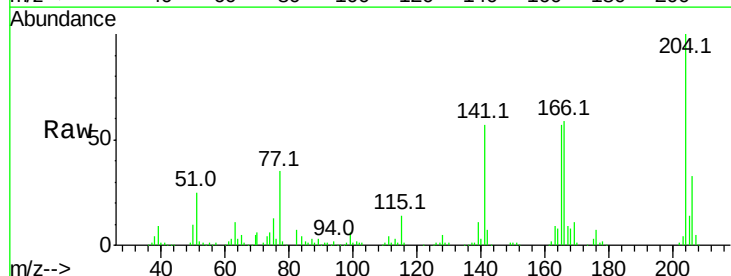


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

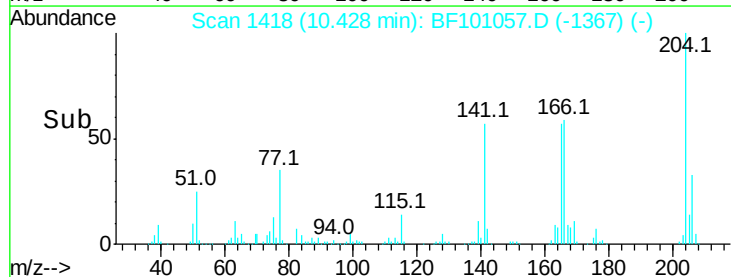
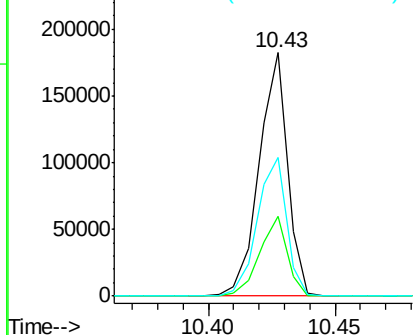


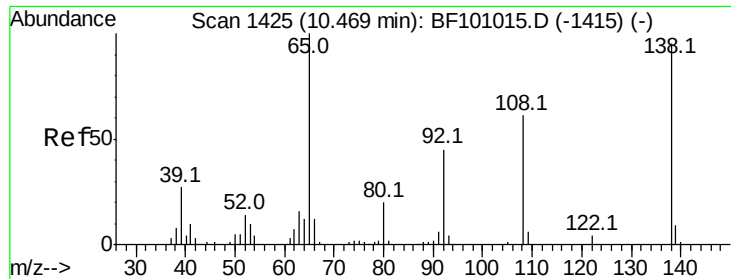
#60
4-Chlorophenyl-phenylether
Concen: 39.261 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion:204 Resp: 143745
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 57.2 54.6 81.8



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

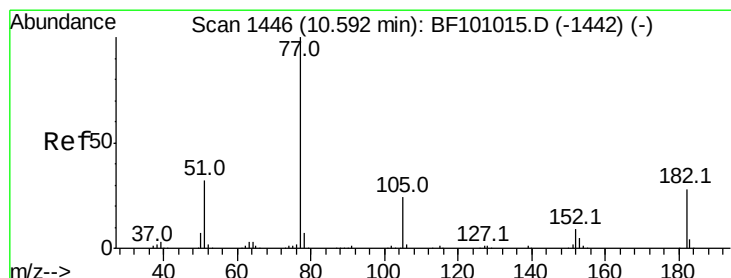
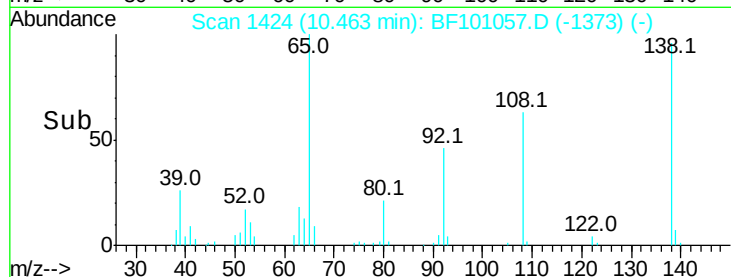
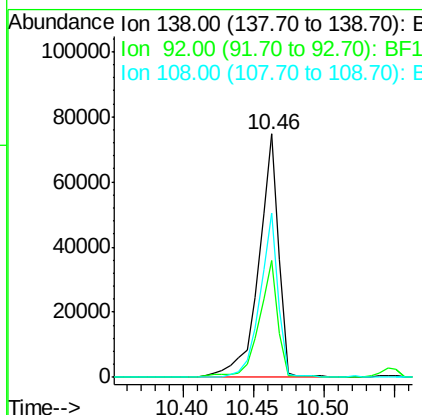
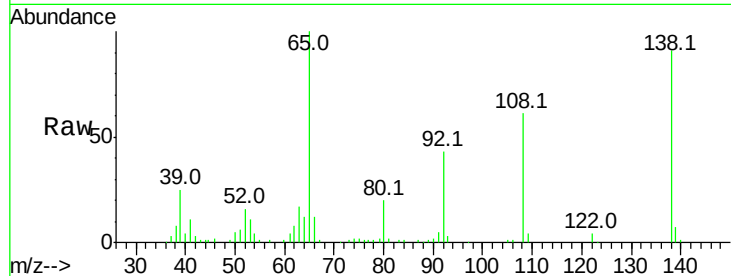




#61
4-Nitroaniline
Concen: 37.903 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

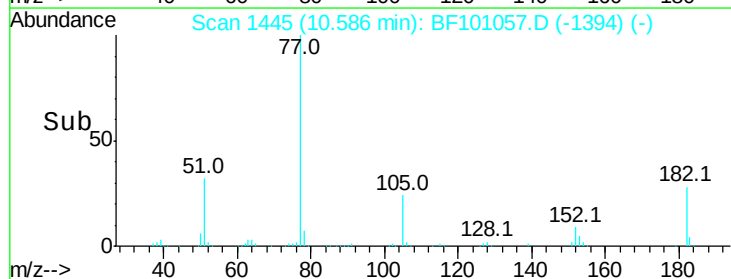
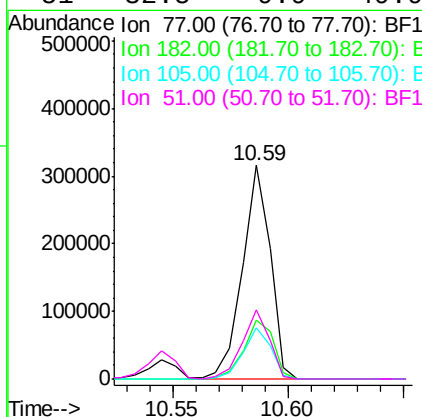
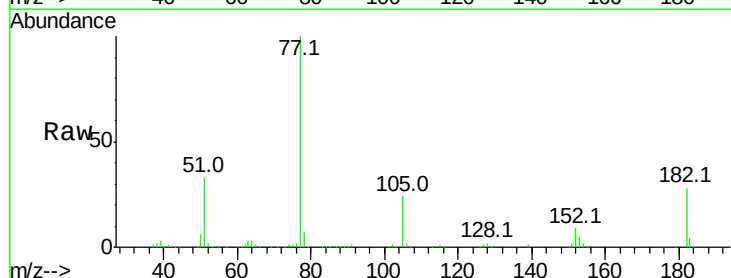
Instrument :
BNA_F
ClientSampleId :
PB104630BS

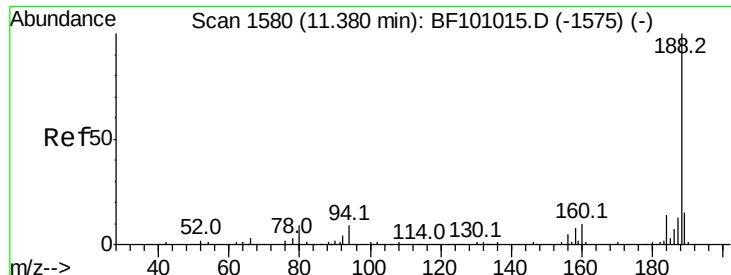
Tot Ion:138 Resp: 74300
Ion Ratio Lower Upper
138 100
92 47.9 30.2 70.2
108 67.5 52.5 92.5



#62
Azobenzene
Concen: 40.002 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion: 77 Resp: 266961
Ion Ratio Lower Upper
77 100
182 27.5 1.7 41.7
105 23.9 3.0 43.0
51 32.5 9.9 49.9

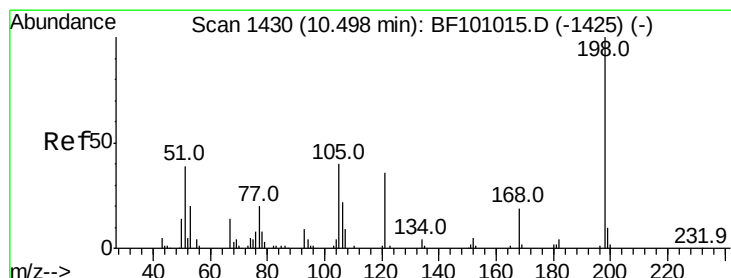
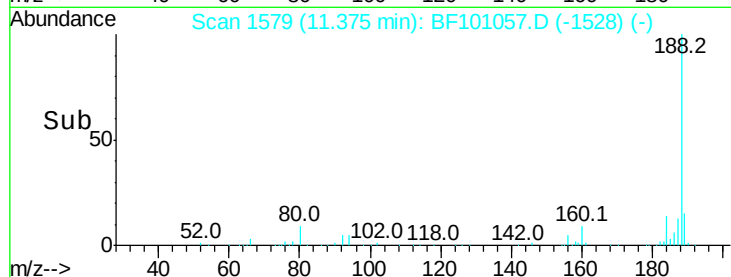
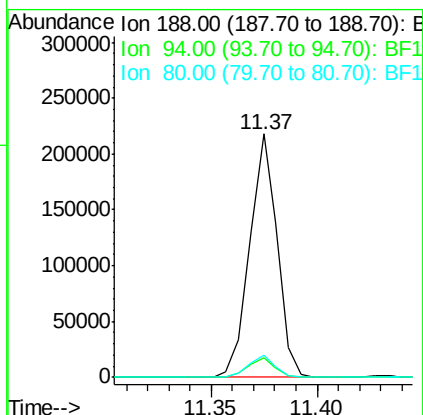
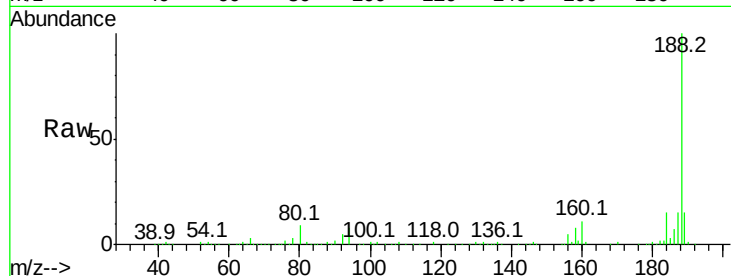




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

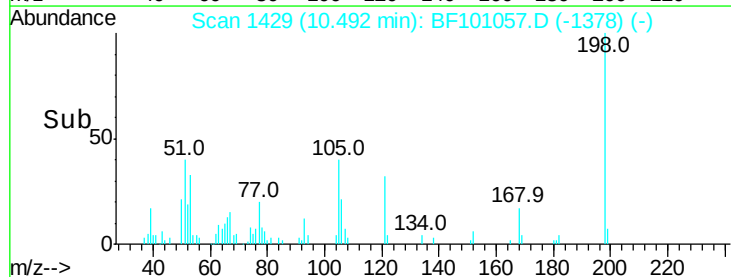
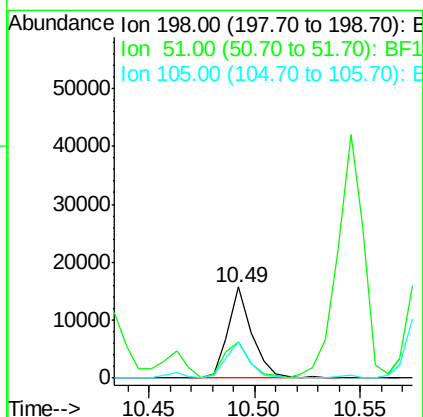
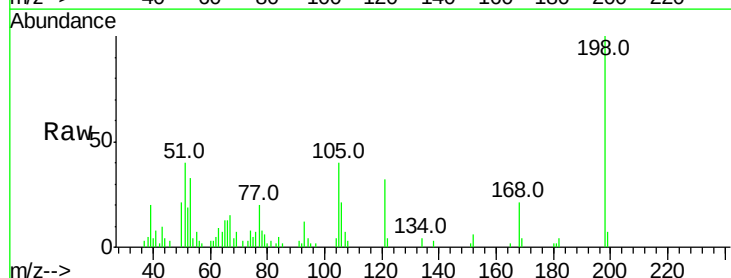
Instrument :
 BNA_F
 ClientSampleId :
 PB104630BS

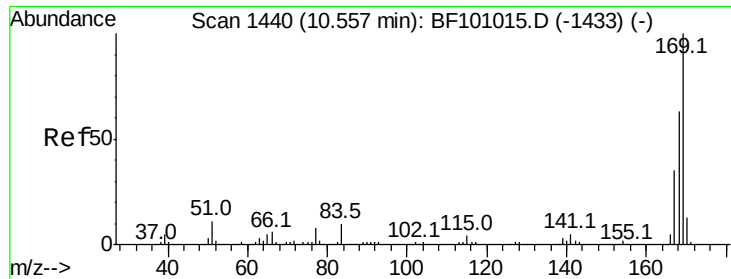
Tot Ion:188 Resp: 196302
 Ion Ratio Lower Upper
 188 100
 94 8.1 8.5 12.7#
 80 9.0 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.377 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Tgt Ion:198 Resp: 12346
 Ion Ratio Lower Upper
 198 100
 51 40.1 37.7 77.7
 105 39.8 36.3 76.3

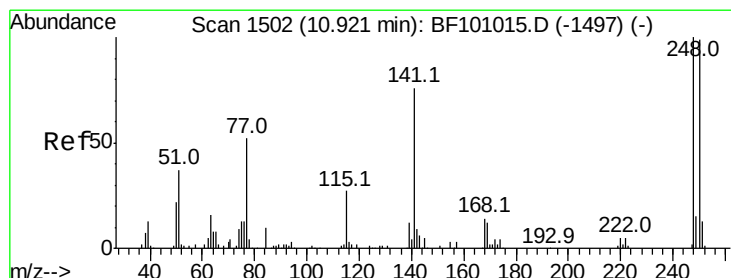
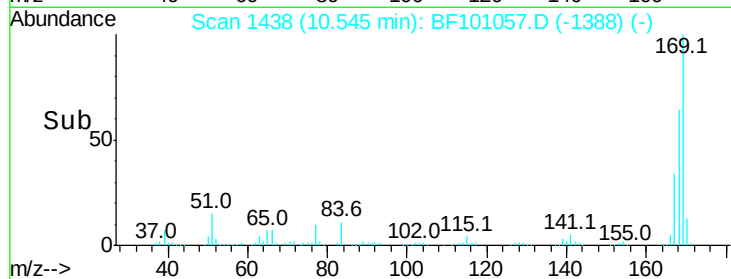
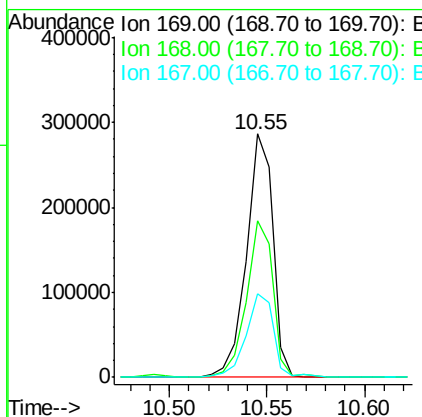
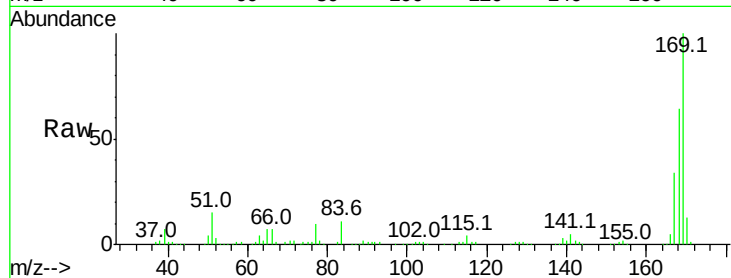




#65
n-Nitrosodiphenylamine
Concen: 38.860 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

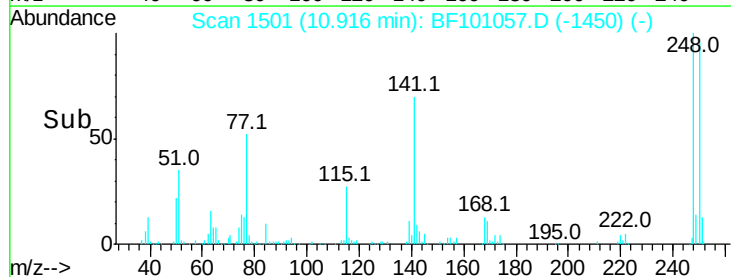
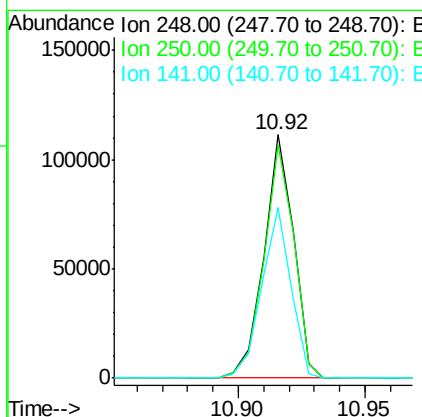
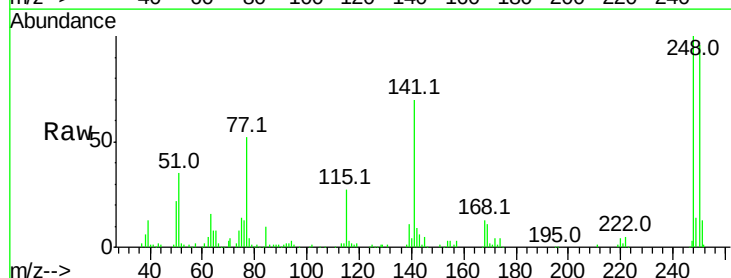
Instrument :
BNA_F
ClientSampleId :
PB104630BS

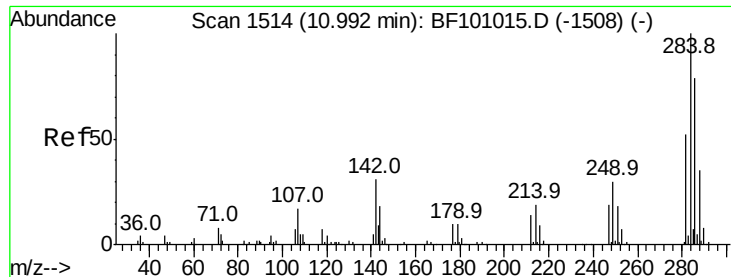
Tot Ion	Ratio	Lower	Upper
169	100		
168	64.2	54.4	81.6
167	34.2	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 41.082 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.8	76.9	115.3
141	70.0	74.4	111.6#





#67

Hexachlorobenzene

Concen: 40.833 ng

RT: 10.99 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampleId :

PB104630BS

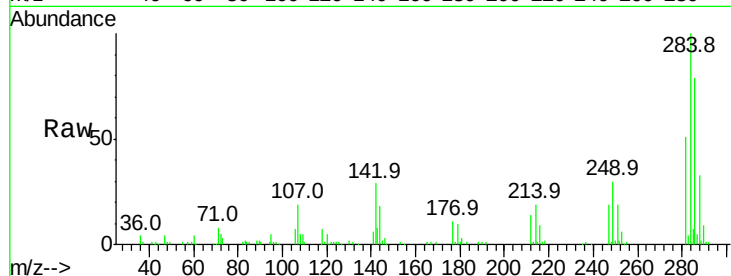
Tot Ion:284 Resp: 96159

Ion Ratio Lower Upper

284 100

142 28.7 34.6 52.0#

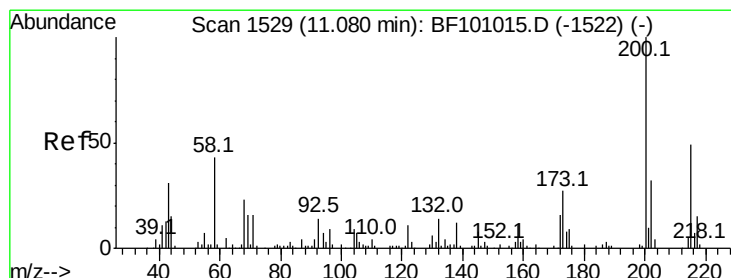
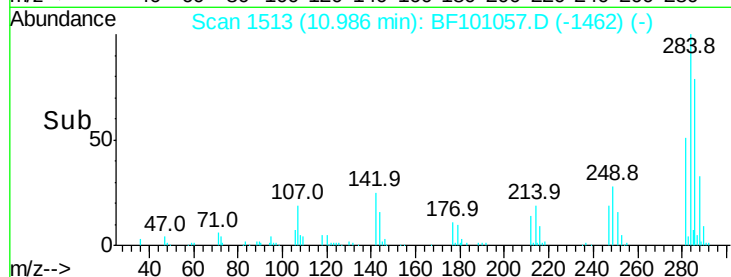
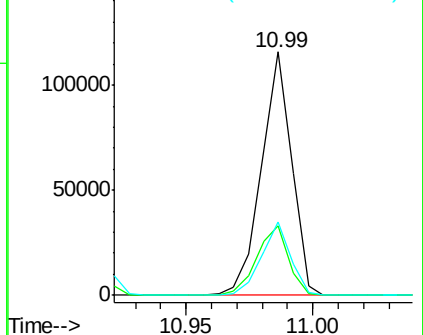
249 30.0 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.731 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

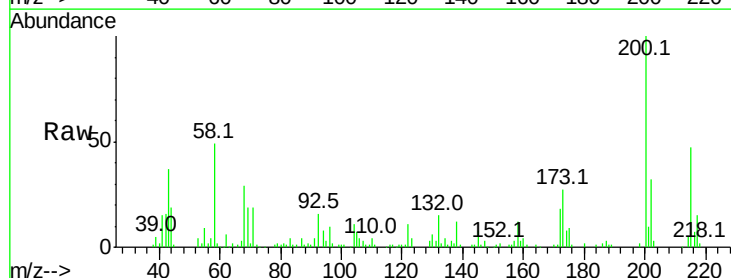
Tgt Ion:200 Resp: 86525

Ion Ratio Lower Upper

200 100

173 27.3 8.6 48.6

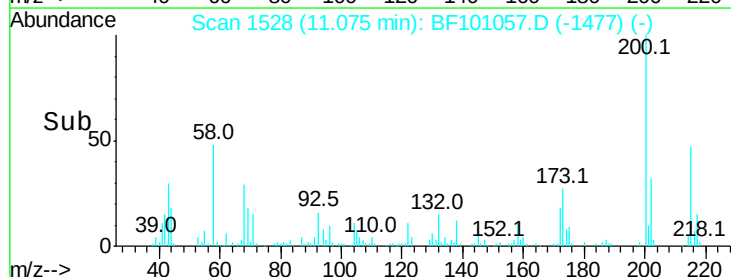
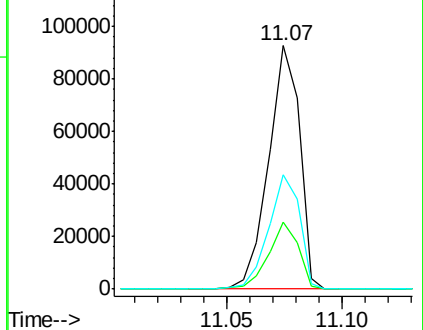
215 47.1 25.1 65.1

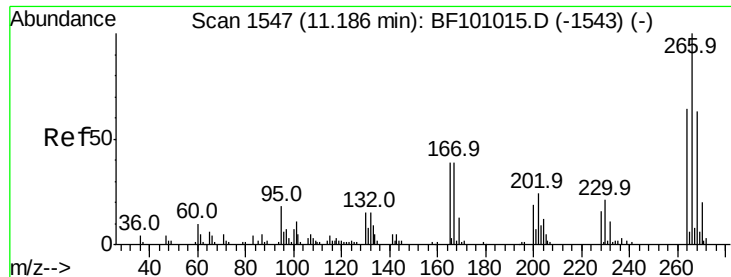


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

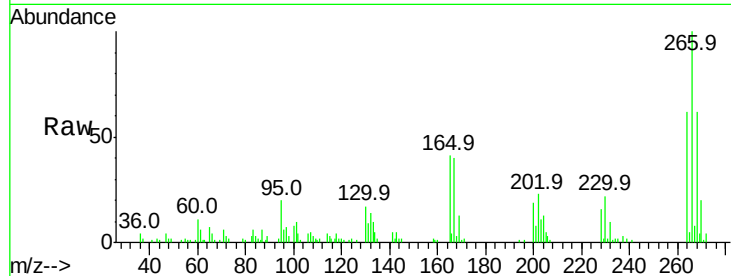




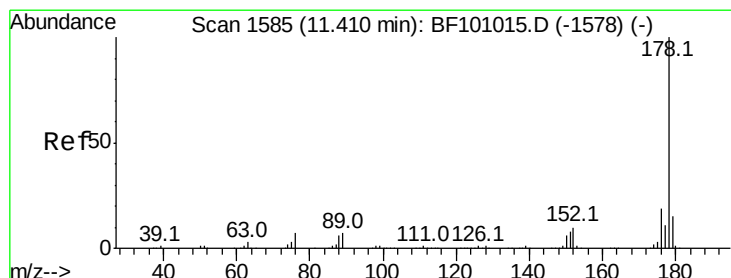
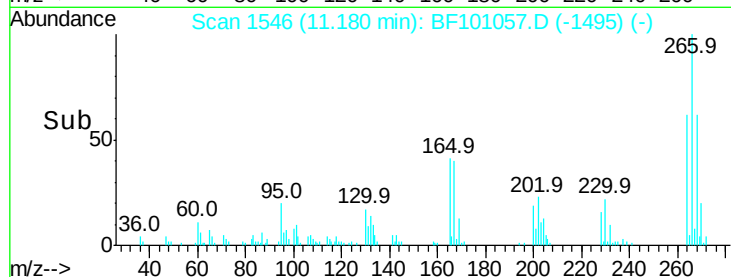
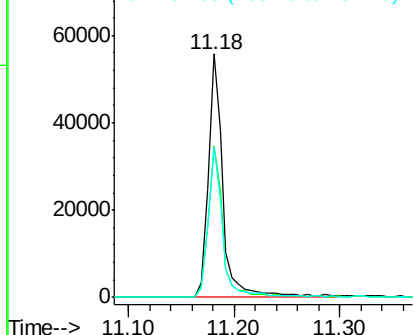
#69
 Pentachlorophenol
 Concen: 41.773 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104630BS

Tot Ion:266 Resp: 54089
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.1 76.7
 264 61.9 49.5 74.3

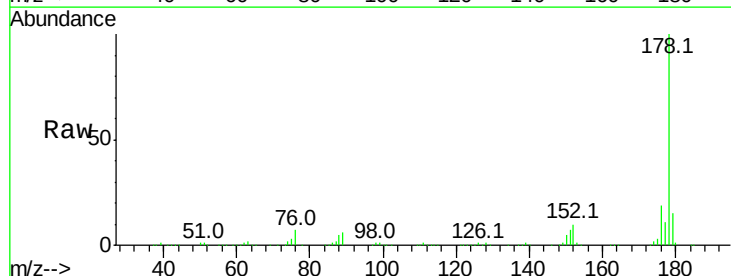


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

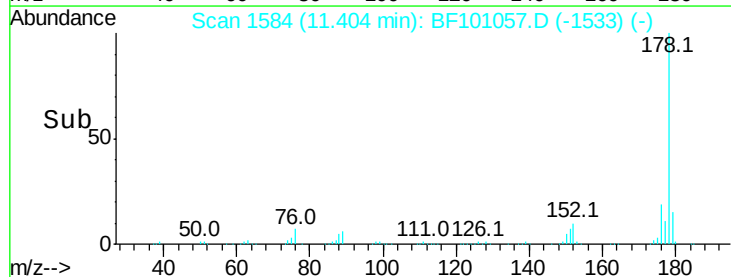
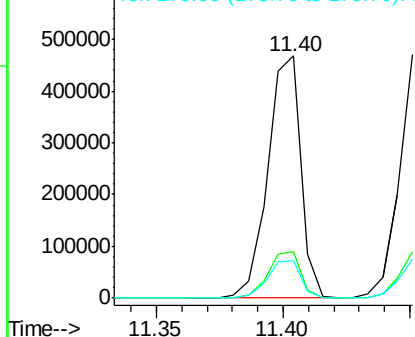


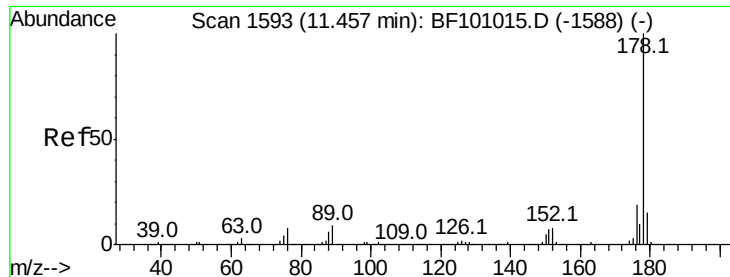
#70
 Phenanthrene
 Concen: 39.652 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Tgt Ion:178 Resp: 428653
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.4 13.0 19.6



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

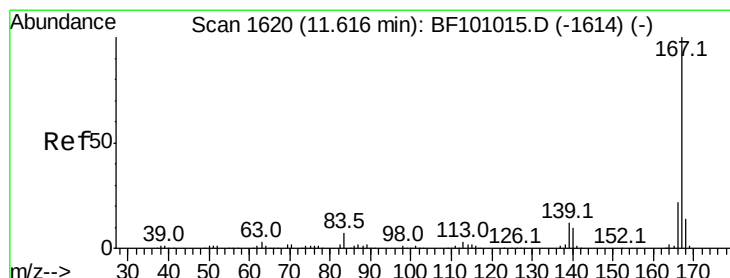
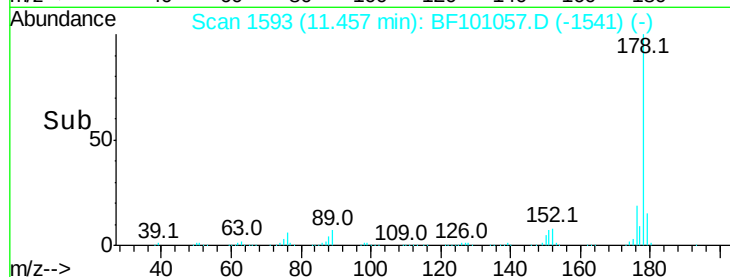
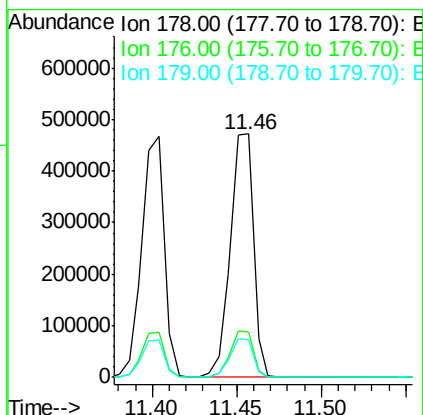
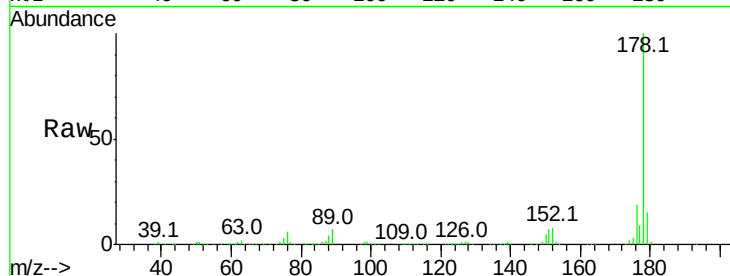




#71
 Anthracene
 Concen: 41.009 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

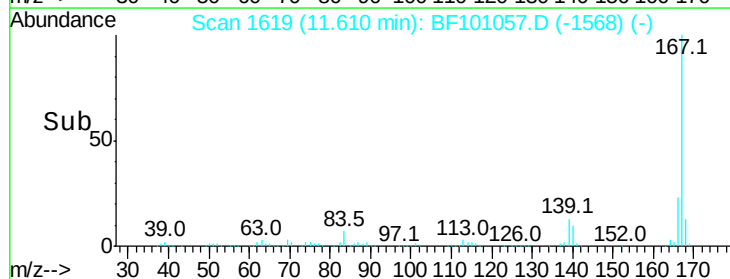
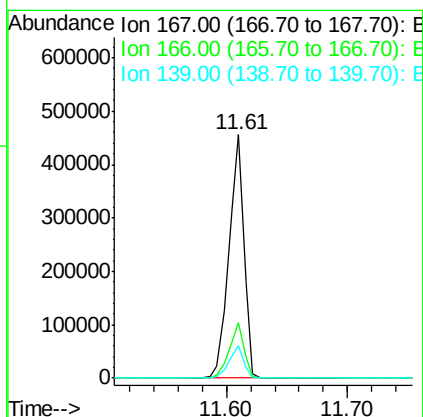
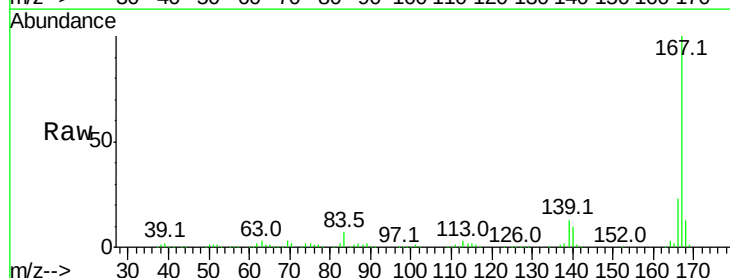
Instrument :
 BNA_F
 ClientSampleId :
 PB104630BS

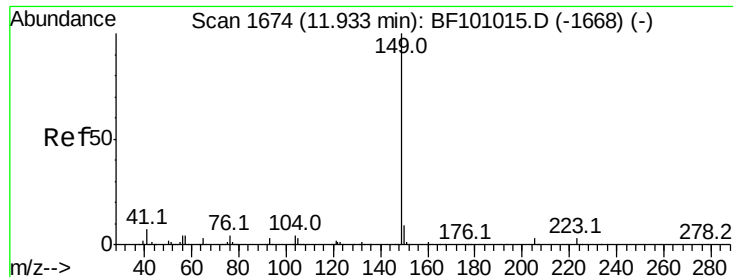
Tot Ion:178 Resp: 448678
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 39.366 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Tgt Ion:167 Resp: 393517
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.645 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.01 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampleId :

PB104630BS

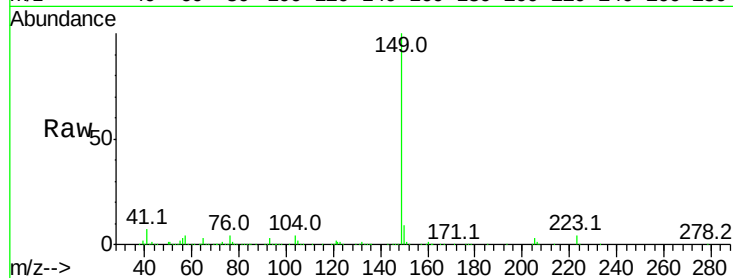
Tot Ion:149 Resp: 484202

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

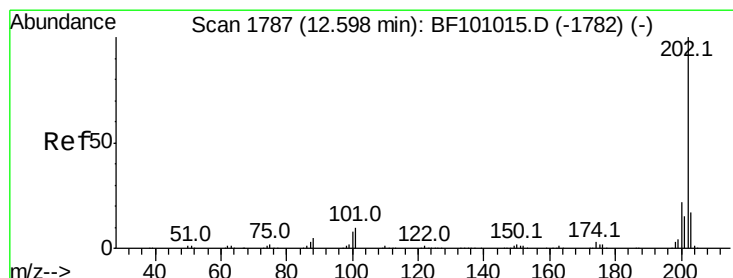
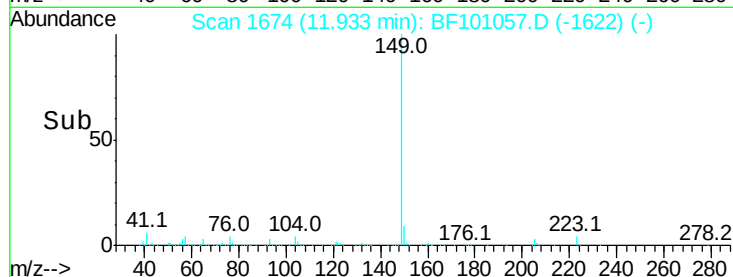
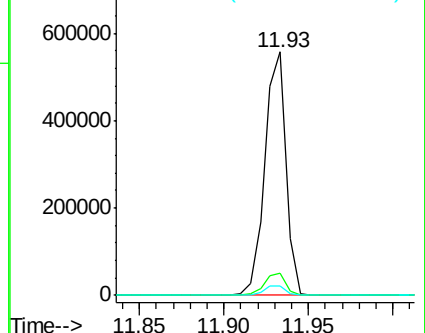
104 4.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.586 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

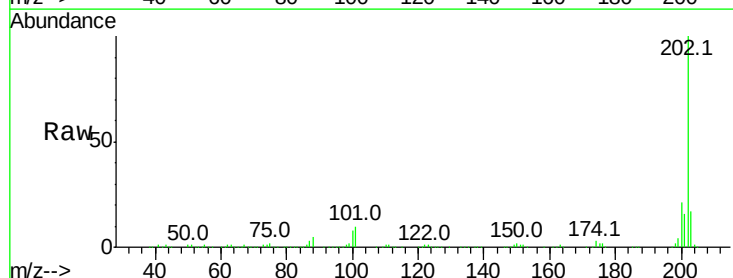
Tgt Ion:202 Resp: 462378

Ion Ratio Lower Upper

202 100

101 10.0 0.0 34.1

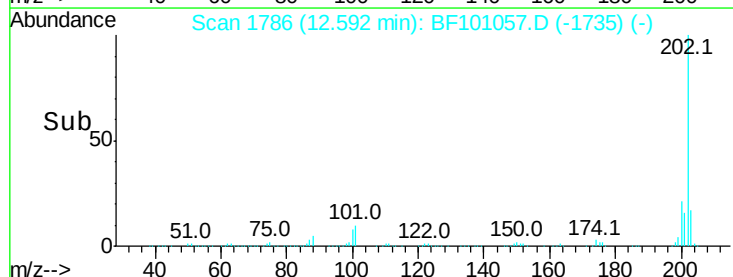
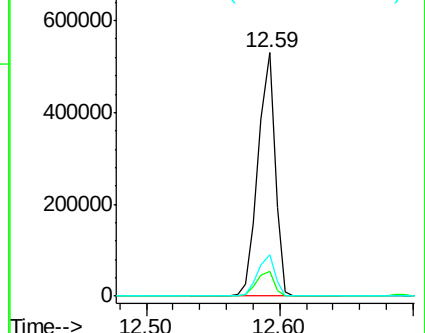
203 17.0 0.0 38.1

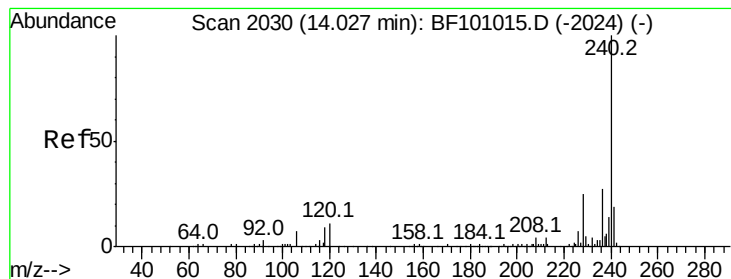


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampleId :

PB104630BS

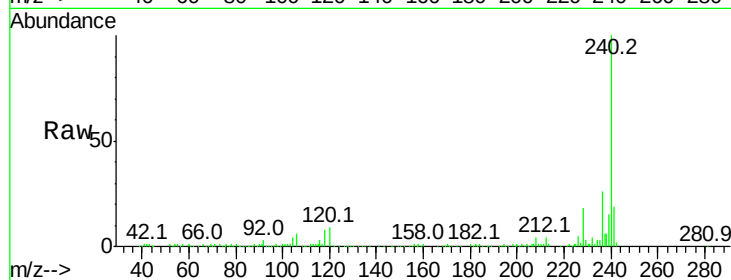
Tot Ion:240 Resp: 152394

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

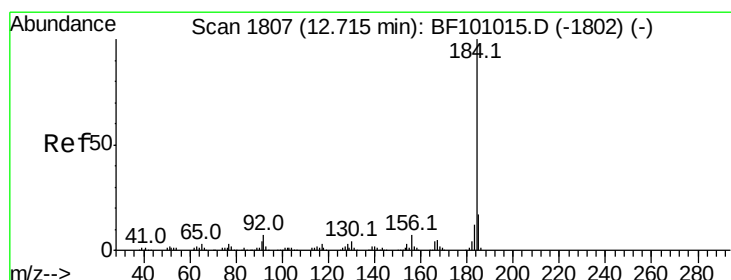
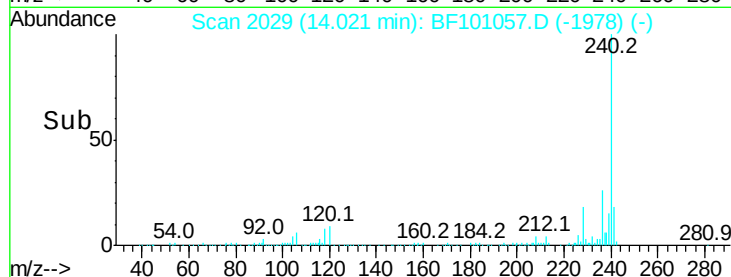
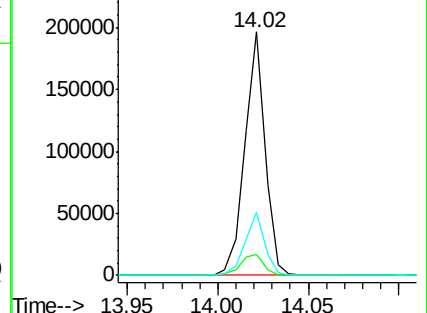
236 25.8 20.7 31.1



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: 12.407 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

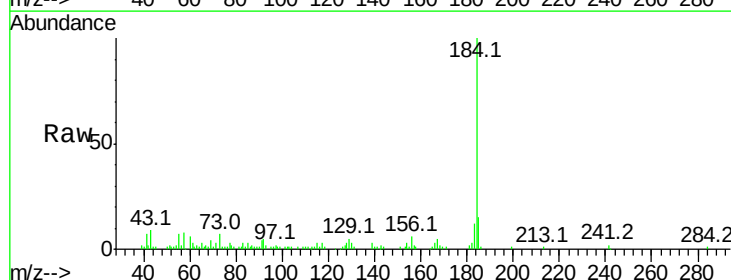
Tgt Ion:184 Resp: 61485

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

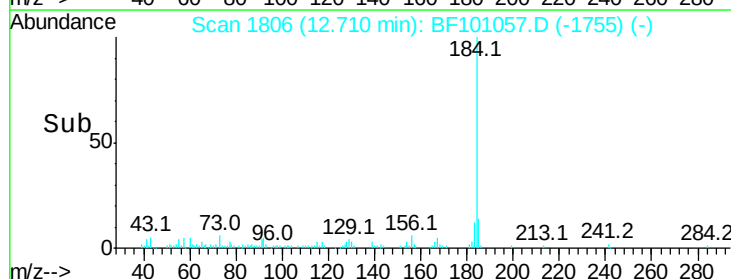
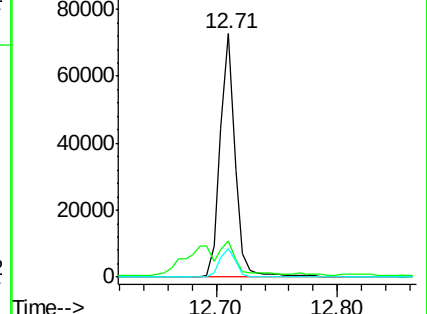
183 11.8 9.3 13.9

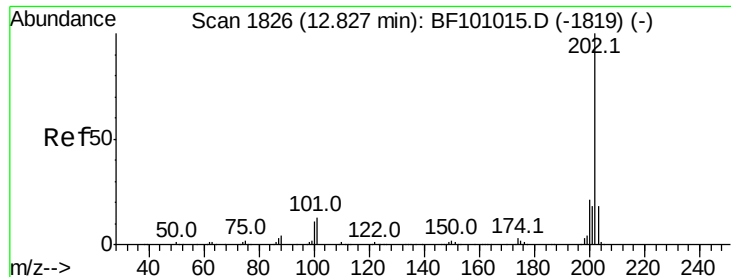


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

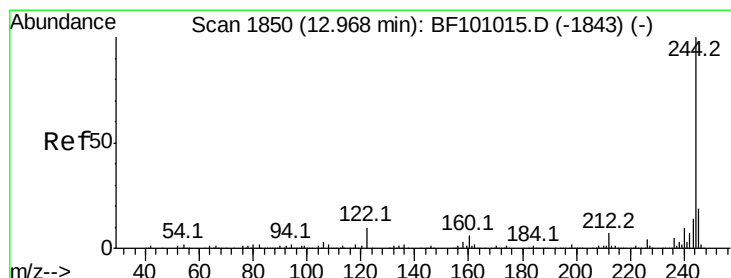
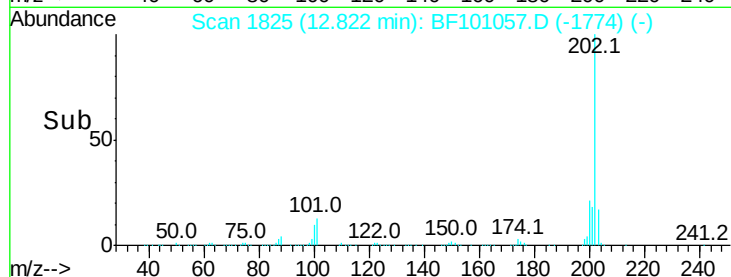
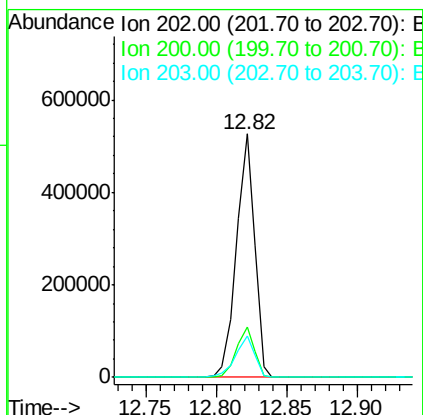
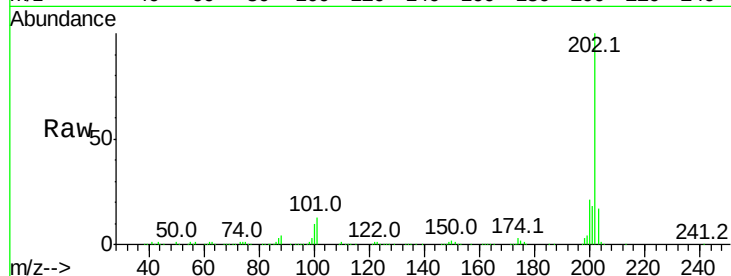




#77
Pvrene
Concen: 44.817 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

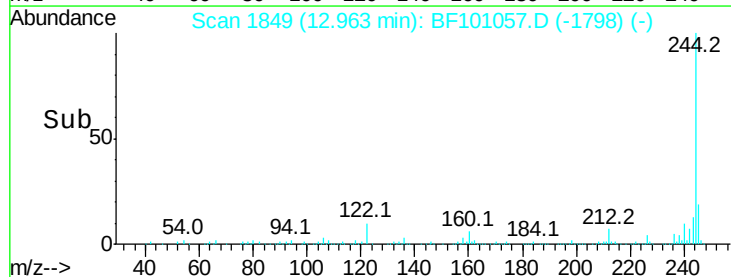
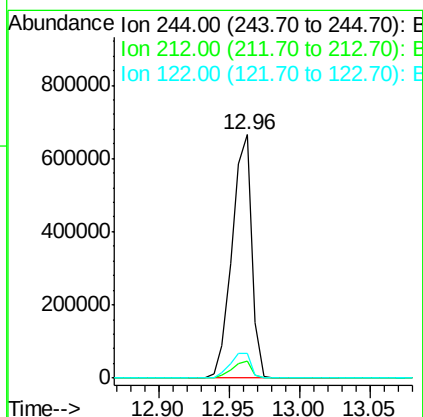
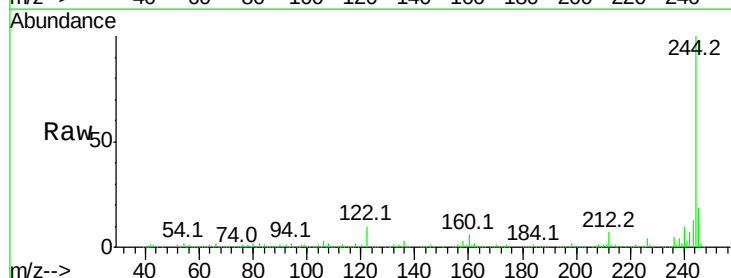
Instrument :
BNA_F
ClientSampleId :
PB104630BS

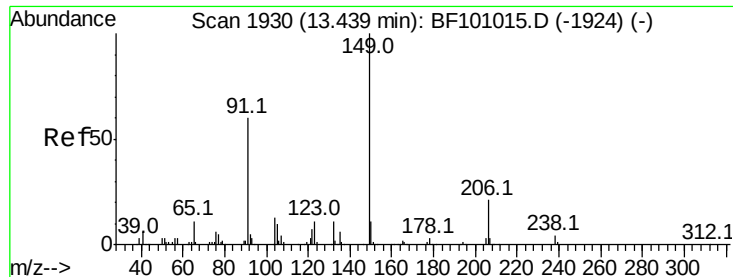
Tot Ion:202 Resp: 471282
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 17.2 14.3 21.5



#78
Terphenyl-d14
Concen: 92.338 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion:244 Resp: 643347
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 10.0 11.0 16.4#

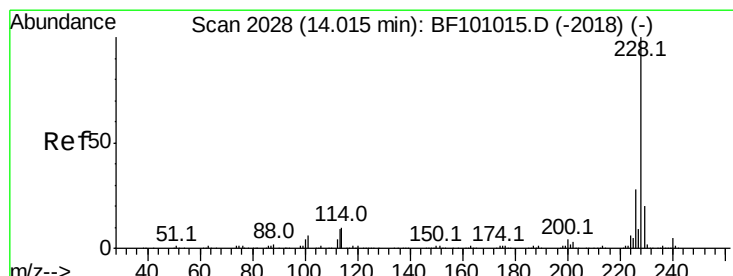
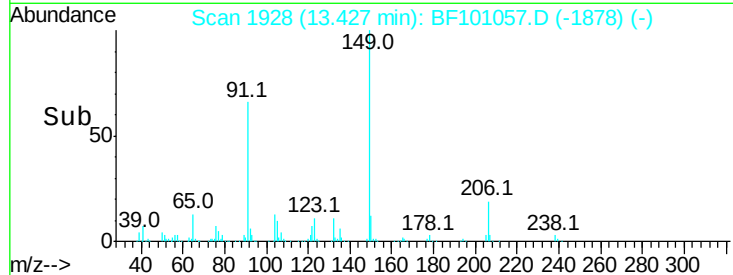
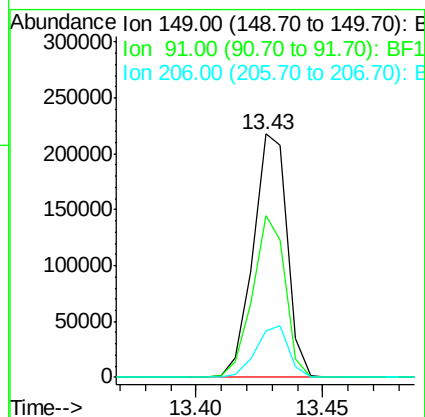
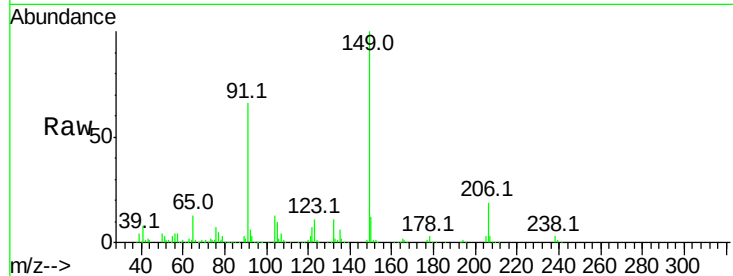




#79
Butylbenzylphthalate
Concen: 43.815 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

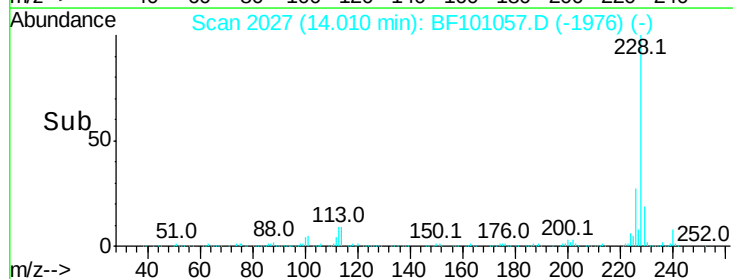
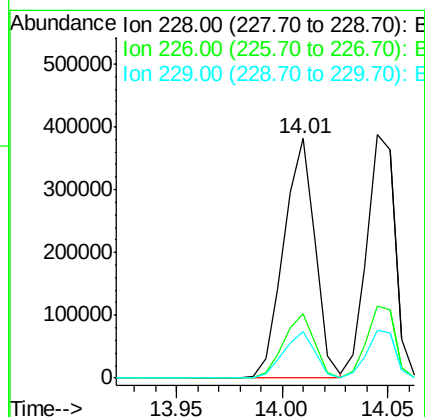
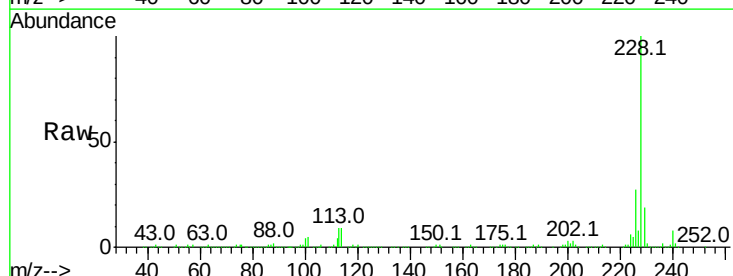
Instrument :
BNA_F
ClientSampleId :
PB104630BS

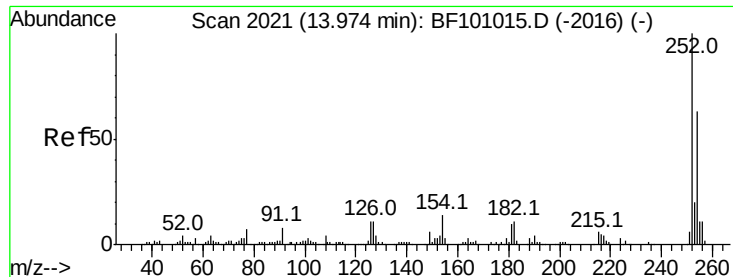
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.5	56.8	85.2
206	18.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 41.052 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	19.3	15.8	23.6

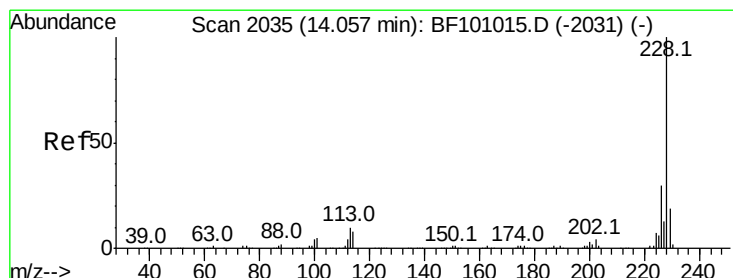
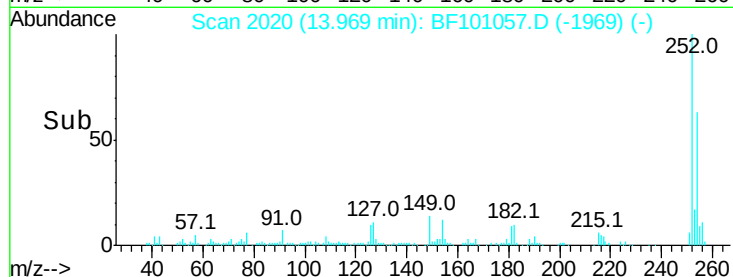
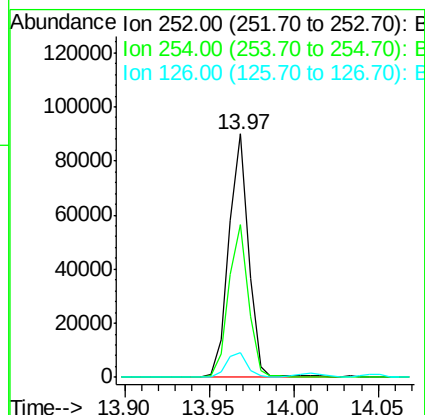
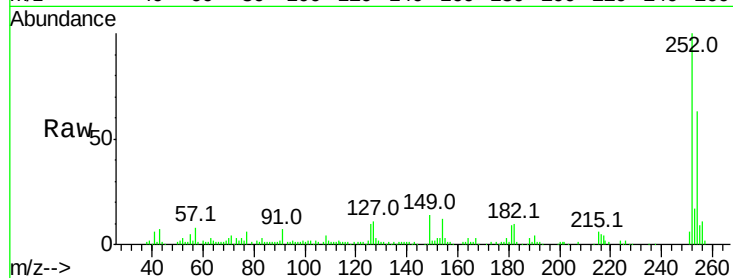




#81
 3,3'-Dichlorobenzidine
 Concen: 21.919 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

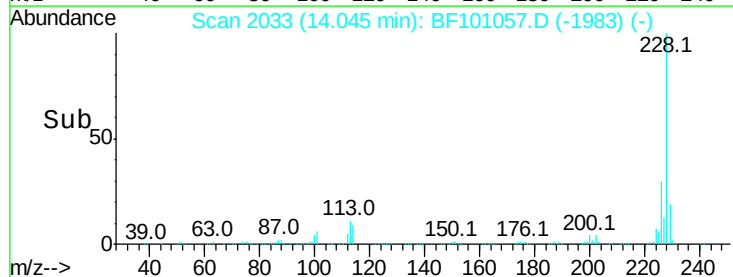
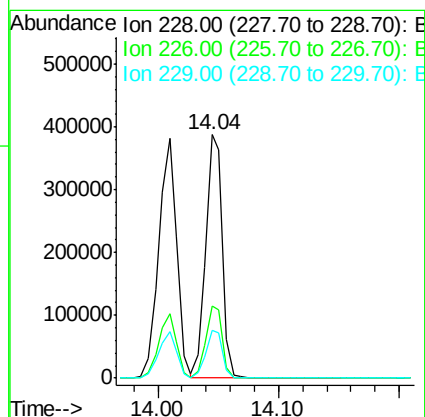
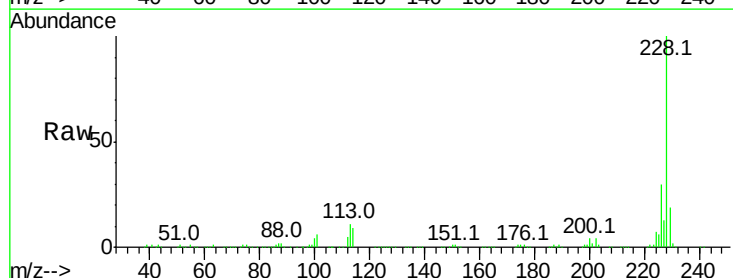
Instrument :
 BNA_F
 ClientSampleId :
 PB104630BS

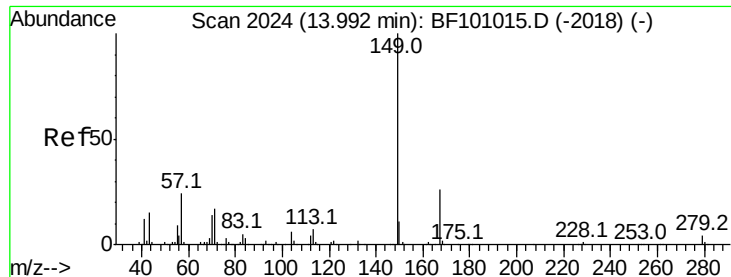
Tot Ion:252 Resp: 73041
 Ion Ratio Lower Upper
 252 100
 254 62.9 50.4 75.6
 126 9.9 11.3 16.9#



#82
 Chrysene
 Concen: 41.014 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Tgt Ion:228 Resp: 366500
 Ion Ratio Lower Upper
 228 100
 226 29.7 25.0 37.6
 229 19.4 16.2 24.4

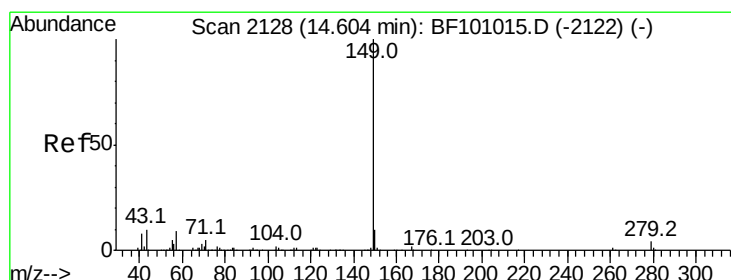
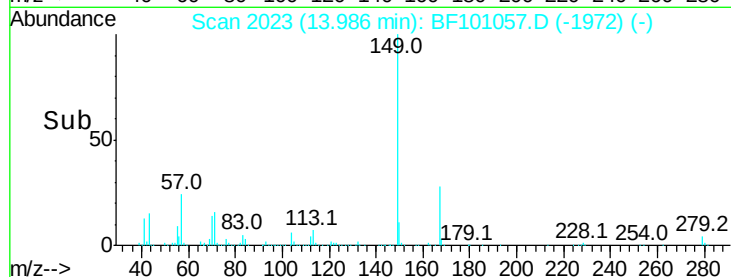
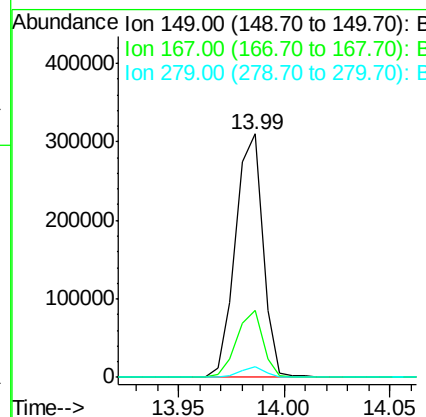
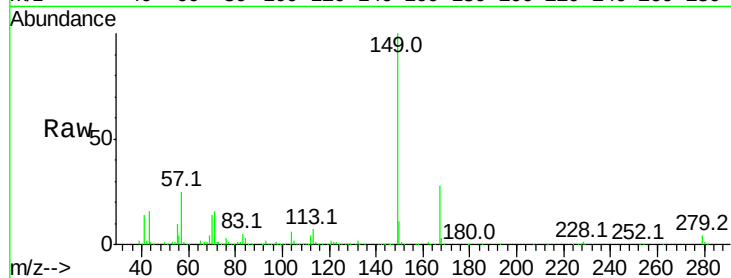




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.238 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

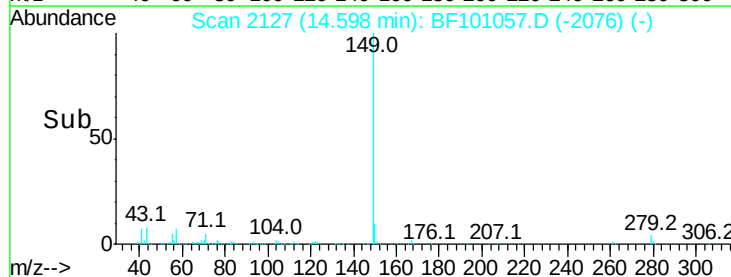
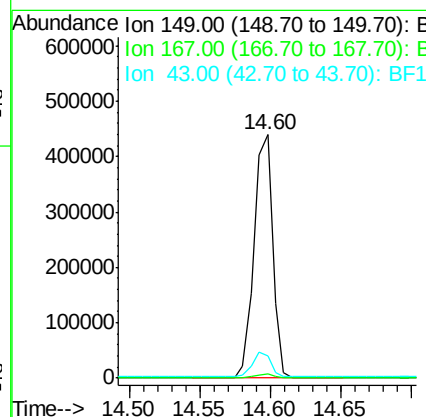
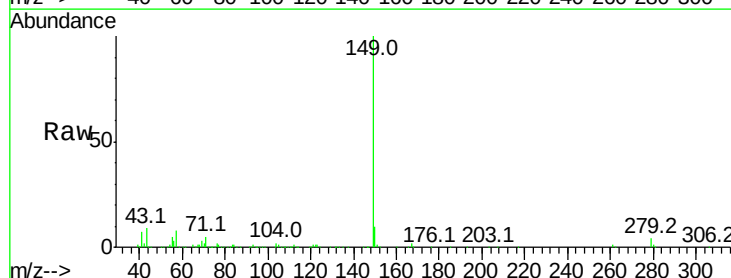
Instrument :
 BNA_F
 ClientSampleId :
 PB104630BS

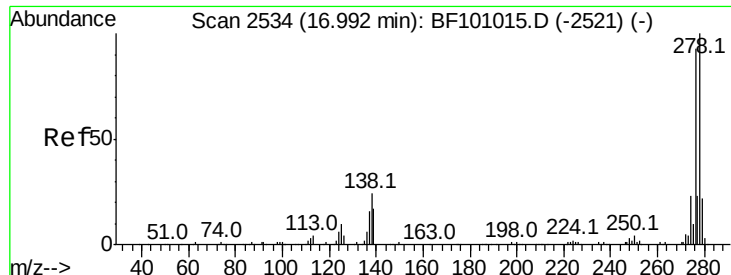
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.3	31.9
279	4.1	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 37.576 ng
 RT: 14.60 min Scan# 2127
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.6	8.4	12.6

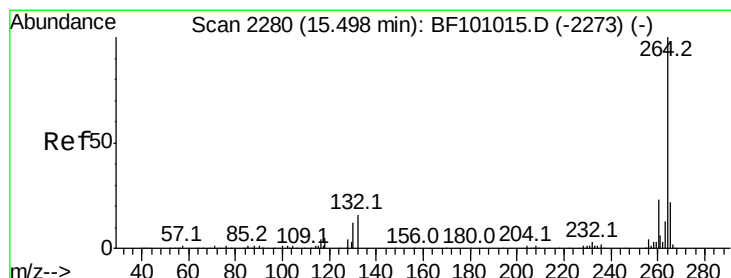
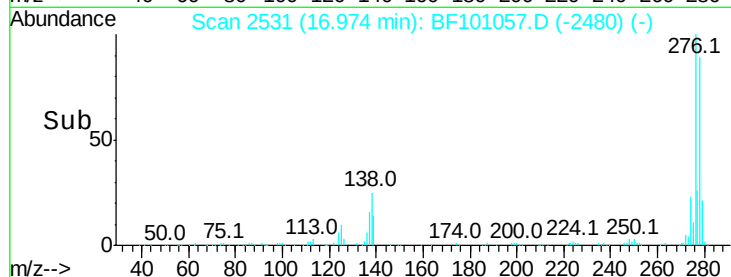
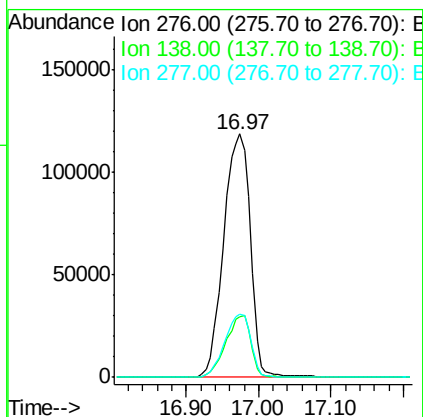
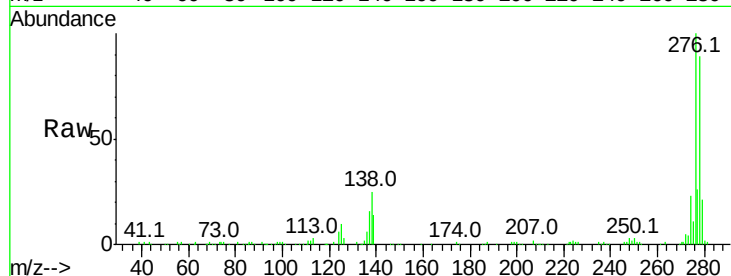




#85
Indeno(1,2,3-cd)pyrene
Concen: 38.246 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

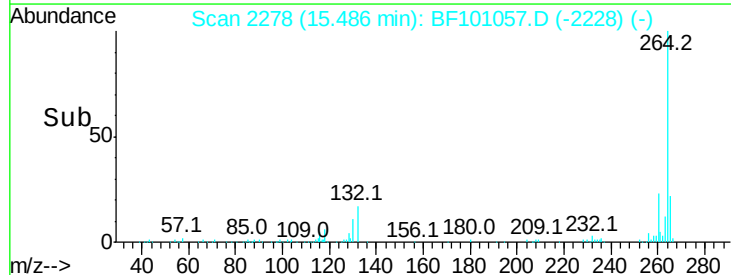
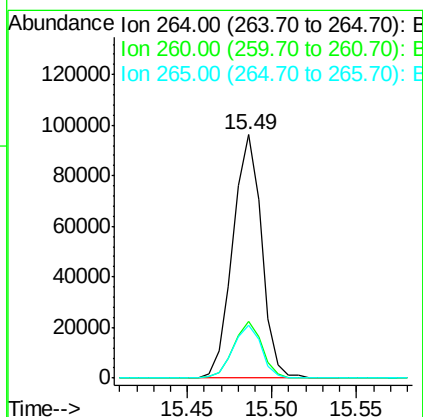
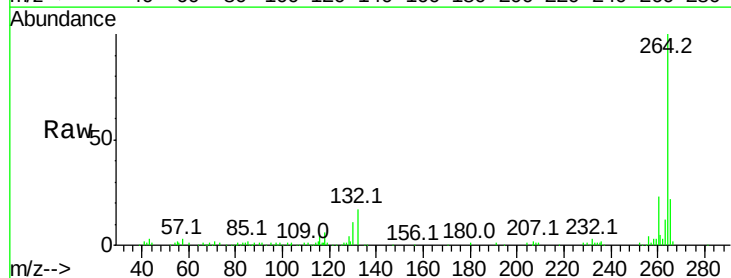
Instrument :
BNA_F
ClientSampleId :
PB104630BS

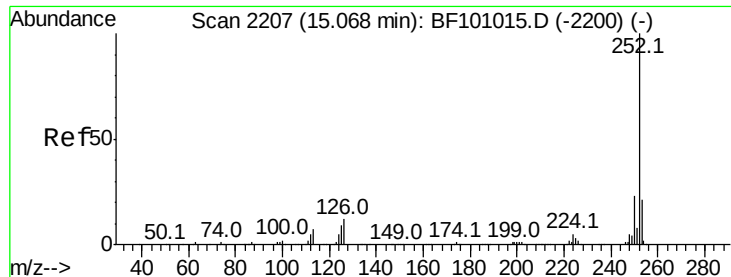
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	25.0	37.6#
277	25.4	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.6	17.5	26.3

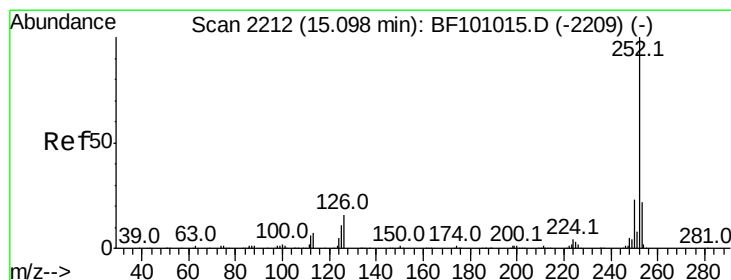
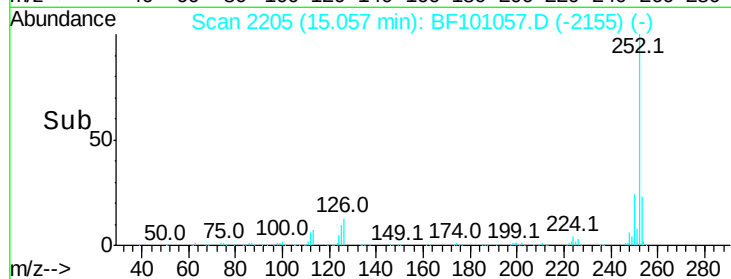
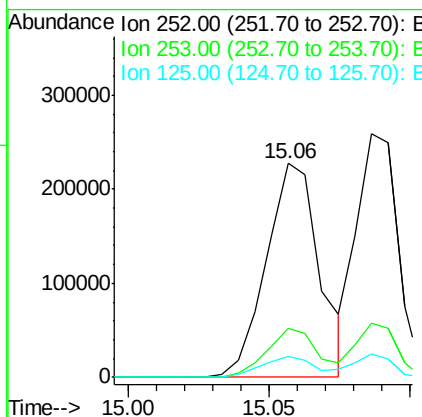
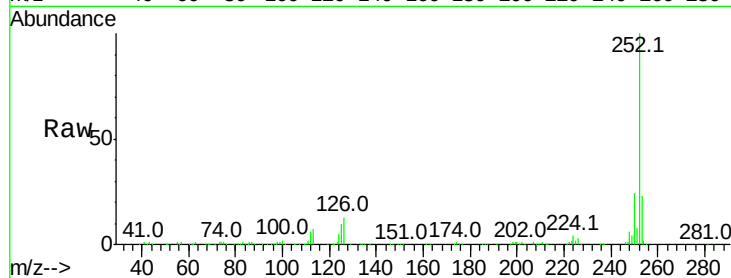




#87
Benzo(b)fluoranthene
Concen: 43.761 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

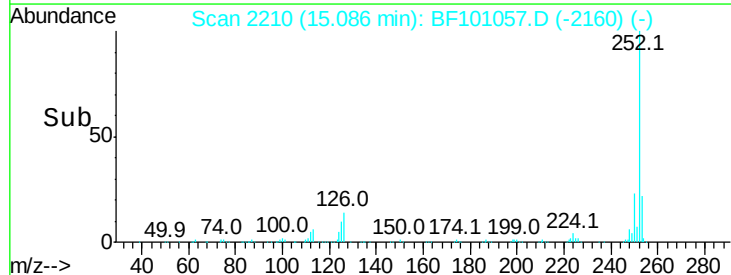
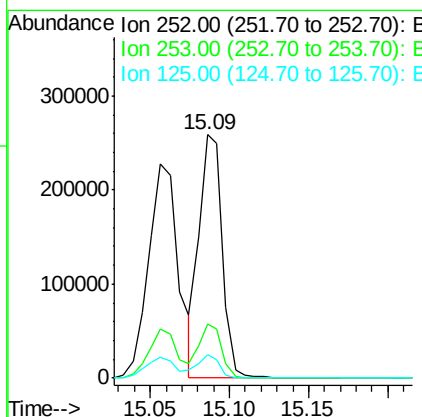
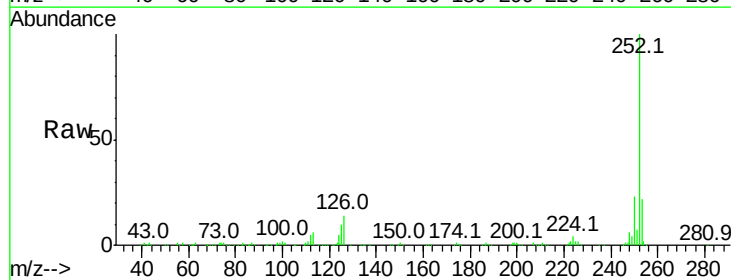
Instrument :
BNA_F
ClientSampleId :
PB104630BS

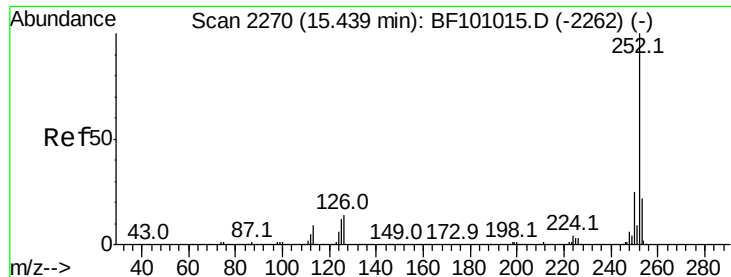
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	10.0	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 39.434 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	9.7	10.2	15.2#

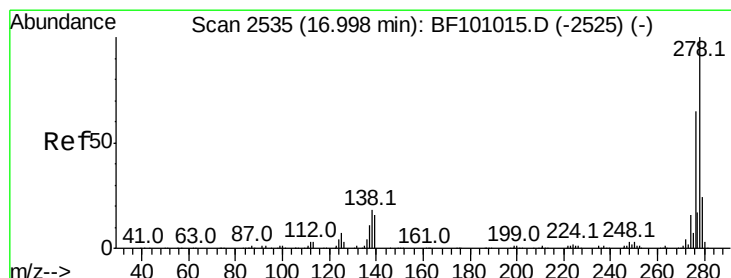
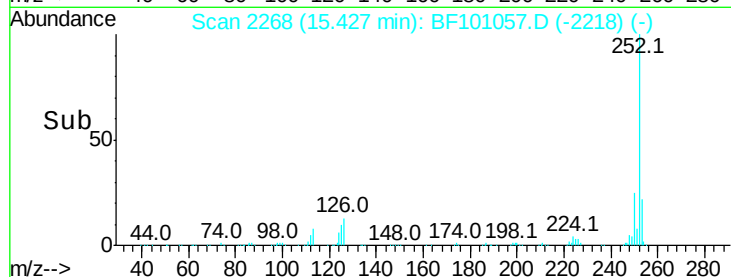
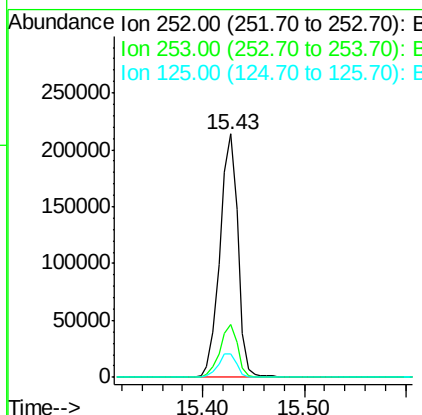
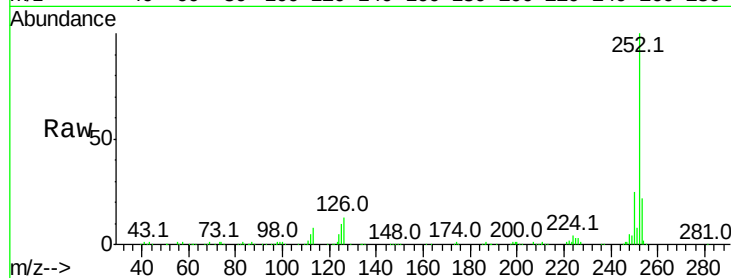




#89
Benzo(a)pyrene
Concen: 42.639 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

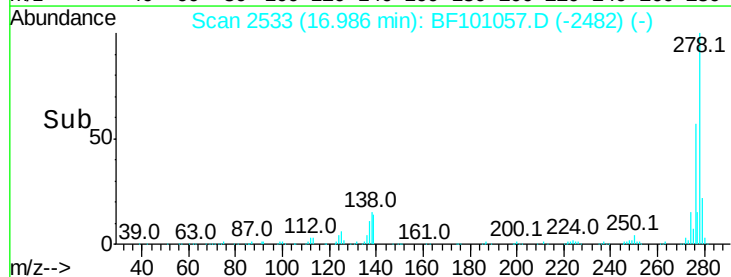
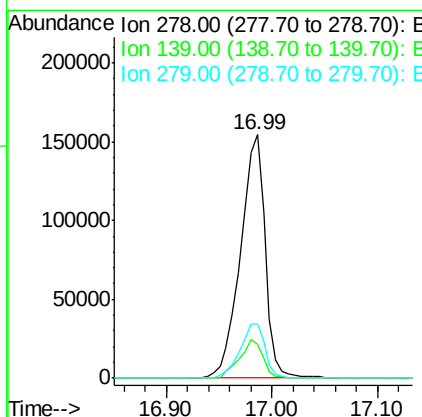
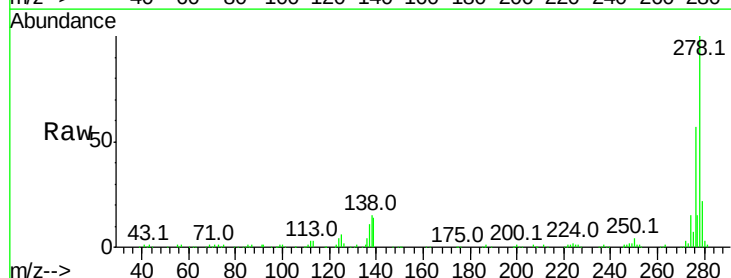
Instrument :
BNA_F
ClientSampleId :
PB104630BS

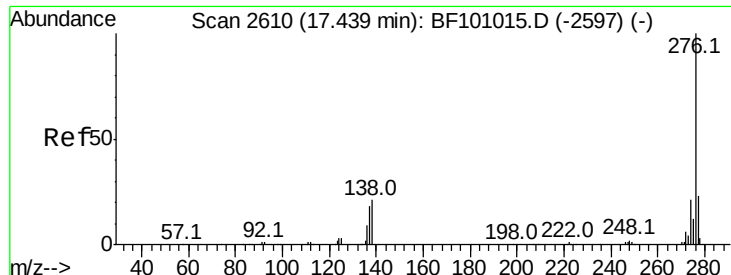
Tot Ion:252 Resp: 264585
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 9.9 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 45.786 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion:278 Resp: 250474
Ion Ratio Lower Upper
278 100
139 13.7 15.9 23.9#
279 22.3 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 51.466 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. -0.01 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104630BS

Tot Ion:	276	Resp:	265330
Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	18.5	21.8	32.8

