

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101048.D
 Acq On : 1 Dec 2017 6:02
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 06:52:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	53547	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	204733	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	84210	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	128281	20.00	ng	0.00
75) Chrysene-d12	14.03	240	115102	20.00	ng	0.00
86) Perylene-d12	15.50	264	89300	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	261715	80.76	ng	0.00
7) Phenol-d6	6.49	99	312837	79.52	ng	0.00
23) Nitrobenzene-d5	7.42	82	274105	79.87	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	64274	63.54	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	551252	89.56	ng	0.00
78) Terphenyl-d14	12.96	244	399019	75.82	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	54024	40.317	ng	99
3) Pyridine	3.37	79	141585	40.759	ng	98
4) n-Nitrosodimethylamine	3.33	42	72370	42.656	ng	# 88
6) Aniline	6.52	93	199098	38.917	ng	99
8) 2-Chlorophenol	6.64	128	139620	39.516	ng	99
9) Benzaldehyde	6.41	77	95266	39.563	ng	93
10) Phenol	6.50	94	169967	38.853	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	129700	39.527	ng	98
12) 1,3-Dichlorobenzene	6.80	146	164888	40.079	ng	97
13) 1,4-Dichlorobenzene	6.87	146	165869	38.941	ng	96
14) 1,2-Dichlorobenzene	7.03	146	155391	39.112	ng	97
15) Benzyl Alcohol	7.00	79	118853	39.114	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	149336	33.481	ng	99
17) 2-Methylphenol	7.11	107	110024	38.564	ng	98
18) Hexachloroethane	7.36	117	39982	29.217	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	101713	38.388	ng	95
20) 3+4-Methylphenols	7.26	107	142274	38.238	ng	# 75
22) Acetophenone	7.27	105	195135	39.451	ng	# 94
24) Nitrobenzene	7.45	77	136294	40.519	ng	93
25) Isophorone	7.67	82	230171	39.263	ng	99
26) 2-Nitrophenol	7.76	139	64914	35.155	ng	92
27) 2,4-Dimethylphenol	7.79	122	107974	40.423	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	156296	39.668	ng	100
29) 2,4-Dichlorophenol	8.00	162	114636	39.427	ng	95
30) 1,2,4-Trichlorobenzene	8.08	180	127434	39.859	ng	97
31) Naphthalene	8.16	128	394625	39.109	ng	99
32) Benzoic acid	7.90	122	48291	23.245	ng	93
33) 4-Chloroaniline	8.21	127	157326	38.805	ng	99
34) Hexachlorobutadiene	8.27	225	78396	39.980	ng	96
35) Caprolactam	8.59	113	31057	34.275	ng	# 86
36) 4-Chloro-3-methylphenol	8.69	107	110014	36.528	ng	96
37) 2-Methylnaphthalene	8.85	142	255943	37.330	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	136163	44.510	ng	# 97
40) Hexachlorocyclopentadiene	9.00	237	2086	7.611	ng	94

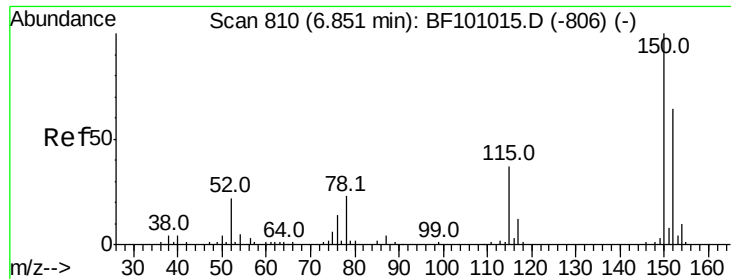
Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	77482	43.206	nq	97
43) 2,4,5-Trichlorophenol	9.17	196	78547	40.970	nq	# 91
45) 1,1'-Biphenyl	9.32	154	332259	43.065	nq	98
46) 2-Chloronaphthalene	9.34	162	231762	42.298	nq	97
47) 2-Nitroaniline	9.44	65	66427	40.976	nq	98
48) Acenaphthylene	9.76	152	358429	39.805	nq	99
49) Dimethylphthalate	9.62	163	286140	42.133	nq	99
50) 2,6-Dinitrotoluene	9.68	165	54881	38.367	nq	88
51) Acenaphthene	9.93	154	207839	38.547	nq	98
52) 3-Nitroaniline	9.85	138	61451	38.202	nq	96
53) 2,4-Dinitrophenol	9.96	184	2744	8.333	nq	# 16
54) Dibenzofuran	10.10	168	297459	38.282	nq	99
55) 4-Nitrophenol	10.01	139	32636	30.084	nq	96
56) 2,4-Dinitrotoluene	10.09	165	62497	32.602	nq	# 90
57) Fluorene	10.44	166	229176	36.282	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	52613	34.274	nq	# 85
59) Diethylphthalate	10.31	149	267021	39.862	nq	96
60) 4-Chlorophenyl-phenylether	10.43	204	119144	38.203	nq	90
61) 4-Nitroaniline	10.46	138	55684	33.348	nq	89
62) Azobenzene	10.59	77	199980	35.178	nq	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	8327	9.678	nq	# 73
65) n-Nitrosodiphenylamine	10.55	169	217804	48.127	nq	96
66) 4-Bromophenyl-phenylether	10.92	248	66318	46.186	nq	# 88
67) Hexachlorobenzene	10.99	284	64494	41.909	nq	# 87
68) Atrazine	11.07	200	58493	42.135	nq	98
69) Pentachlorophenol	11.19	266	31124	36.783	nq	98
70) Phenanthrene	11.40	178	280542	39.712	nq	98
71) Anthracene	11.46	178	285416	39.920	nq	98
72) Carbazole	11.62	167	246651	37.757	nq	99
73) Di-n-butylphthalate	11.93	149	337111	41.172	nq	98
74) Fluoranthene	12.60	202	290257	37.066	nq	93
76) Benzidine	12.72	184	153361	40.974	nq	98
77) Pyrene	12.83	202	300094	37.784	nq	98
79) Butylbenzylphthalate	13.43	149	129877	37.089	nq	93
80) Benzo(a)anthracene	14.02	228	288492	39.697	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	109356	43.449	nq	# 98
82) Chrysene	14.05	228	270861	40.132	nq	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	186227	37.298	nq	99
84) Di-n-octyl phthalate	14.60	149	330768	39.788	nq	98
85) Indeno(1,2,3-cd)pyrene	16.98	276	186710	31.116	nq	# 92
87) Benzo(b)fluoranthene	15.07	252	225093	42.083	nq	97
88) Benzo(k)fluoranthene	15.10	252	223175	42.350	nq	# 96
89) Benzo(a)pyrene	15.44	252	194805	40.061	nq	# 96
90) Dibenzo(a,h)anthracene	17.00	278	161287	37.622	nq	# 94
91) Benzo(g,h,i)perylene	17.43	276	147824	36.589	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

Instrument :

BNA_F

ClientSampleId :

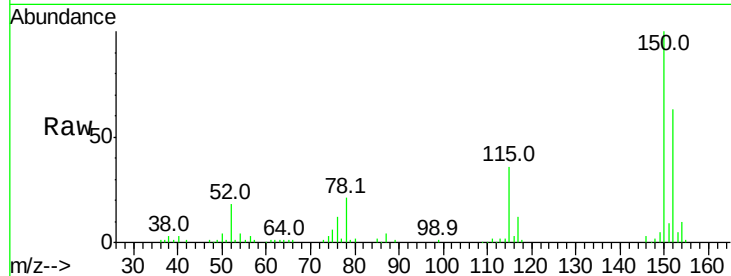
Tot Ion:152 Resp: 53547

Ion Ratio Lower Upper

152 100

150 159.8 124.6 186.8

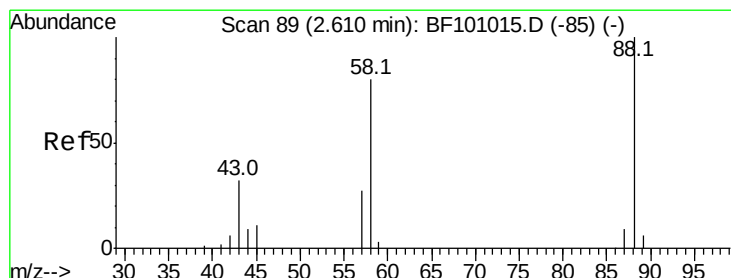
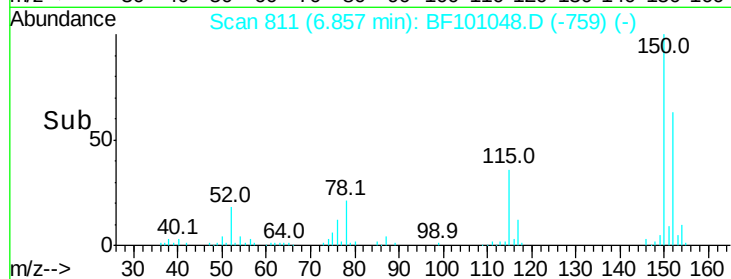
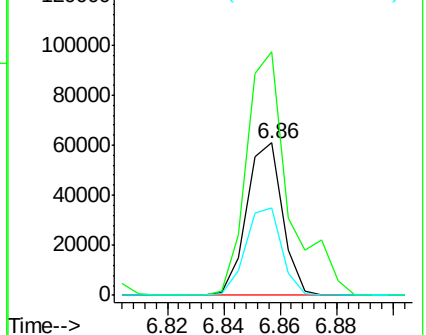
115 57.2 50.1 75.1



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: 40.317 ng

RT: 2.60 min Scan# 87

Delta R.T. -0.01 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

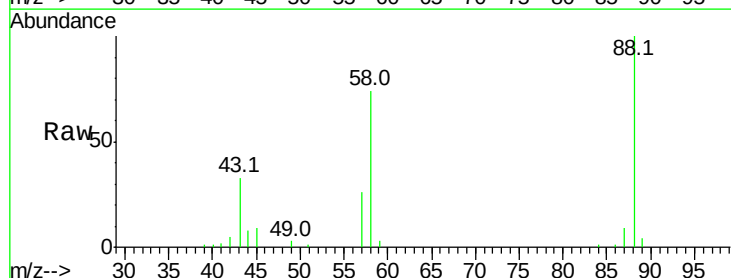
Tgt Ion: 88 Resp: 54024

Ion Ratio Lower Upper

88 100

58 77.7 62.6 93.8

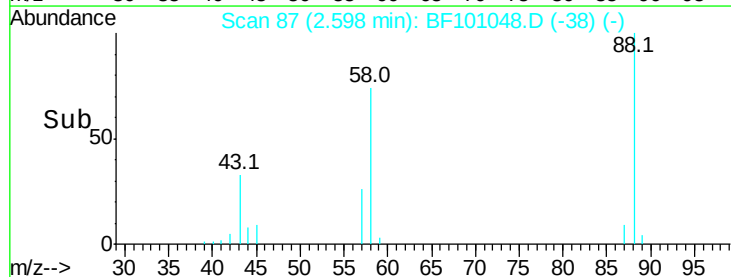
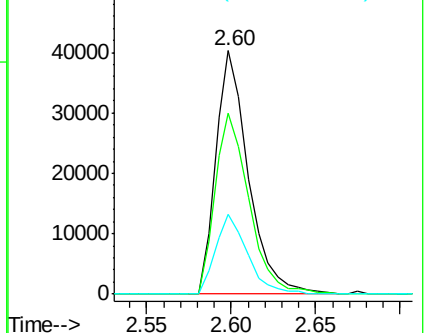
43 32.2 24.6 37.0

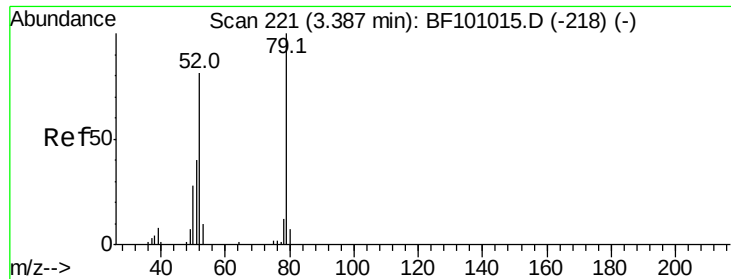


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.759 ng

RT: 3.37 min Scan# 219

Delta R.T. -0.01 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

Instrument :

BNA_F

ClientSampleId :

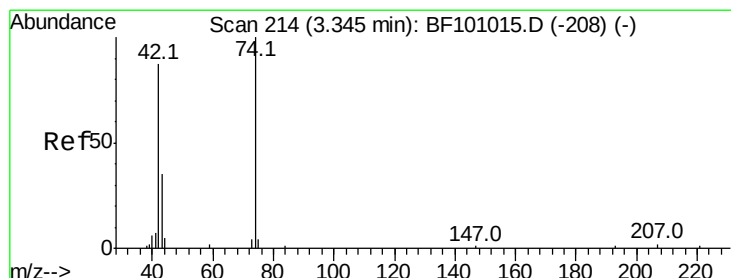
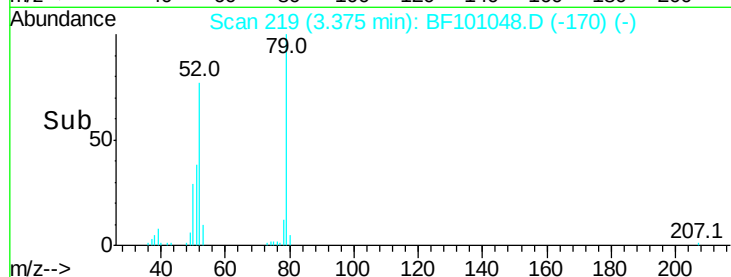
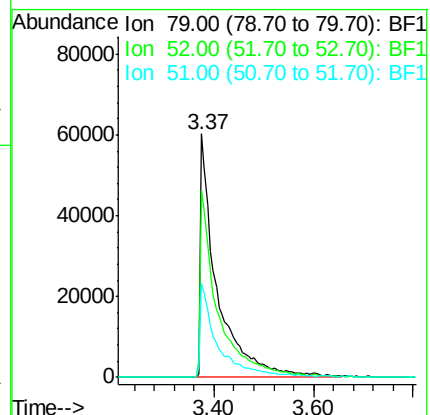
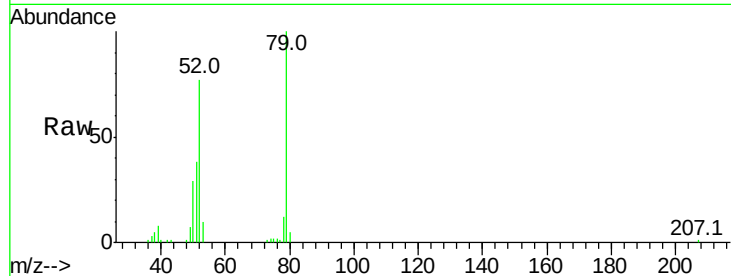
Tot Ion: 79 Resp: 141585

Ion Ratio Lower Upper

79 100

52 76.8 59.8 89.6

51 38.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 42.656 ng

RT: 3.33 min Scan# 212

Delta R.T. -0.01 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

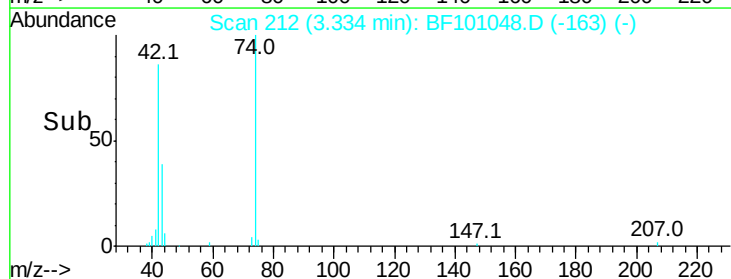
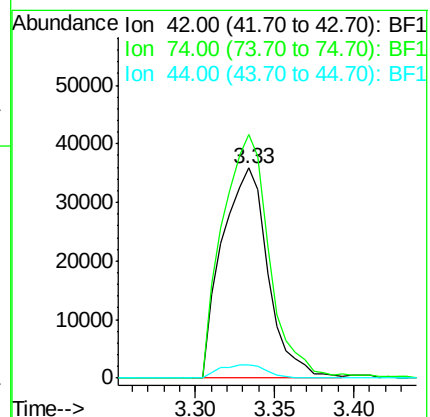
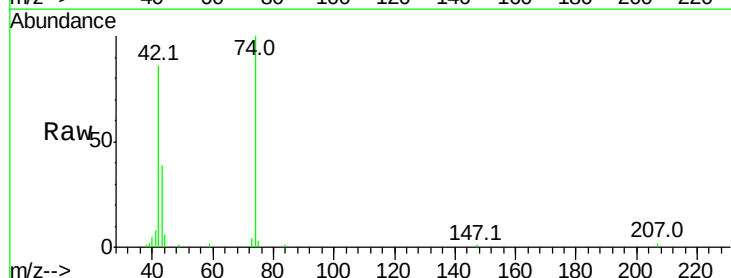
Tgt Ion: 42 Resp: 72370

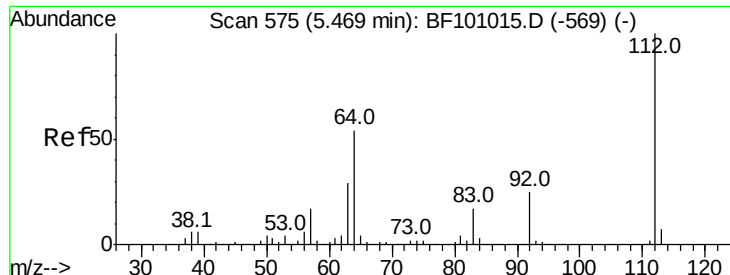
Ion Ratio Lower Upper

42 100

74 116.0 104.9 157.3

44 6.5 6.9 10.3#





#5

2-Fluorophenol

Concen: 80.764 ng

RT: 5.47 min Scan# 575

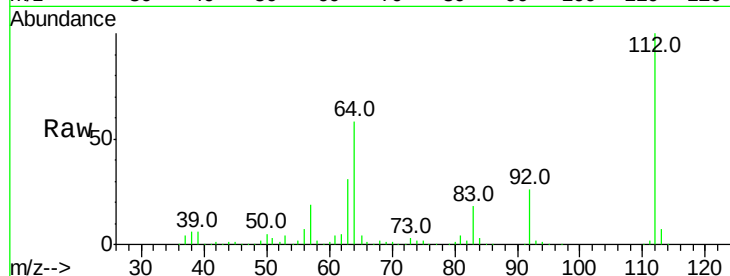
Delta R.T. 0.00 min

Lab File: BF101048.D

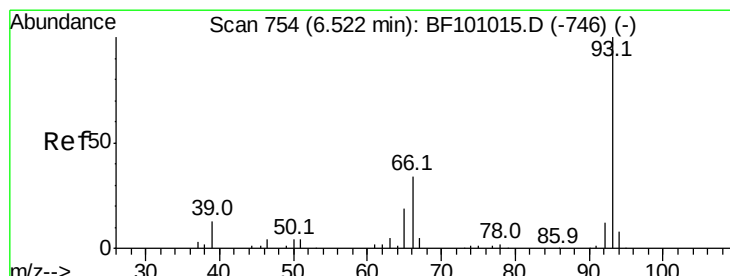
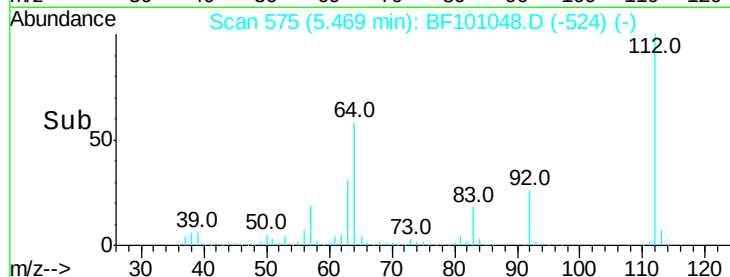
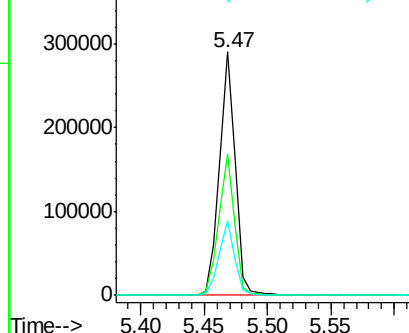
Acq: 1 Dec 2017 6:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	261715
Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	30.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.917 ng

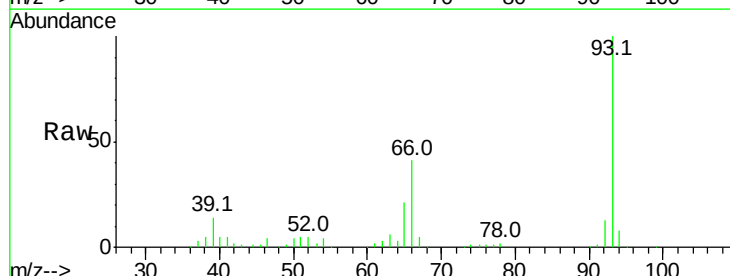
RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

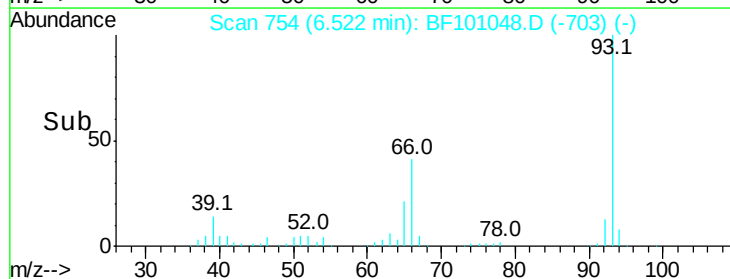
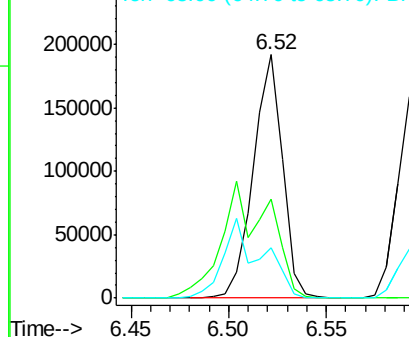
Lab File: BF101048.D

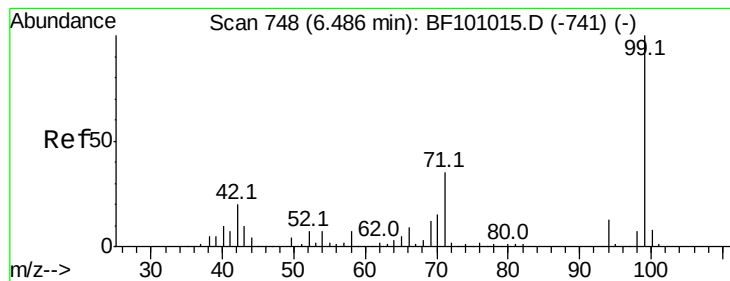
Acq: 1 Dec 2017 6:02

Tgt Ion:	93	Resp:	199098
Ion	Ratio	Lower	Upper
93	100		
66	40.5	32.2	48.2
65	20.8	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: 79.516 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

Instrument :

BNA_F

ClientSampleId :

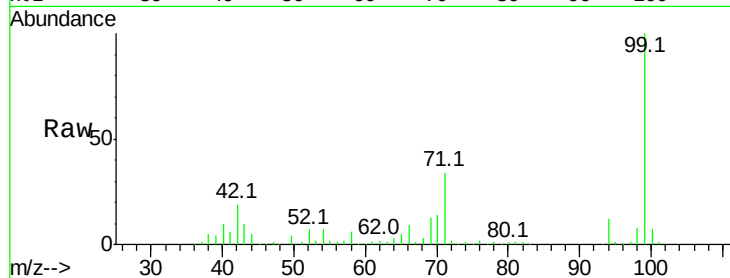
Tot Ion: 99 Resp: 312837

Ion Ratio Lower Upper

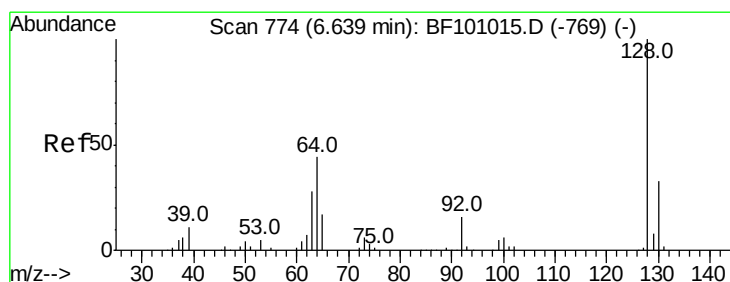
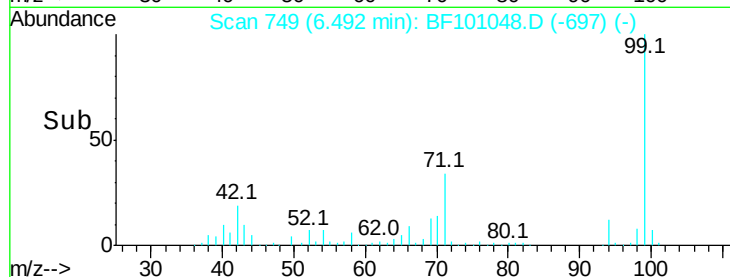
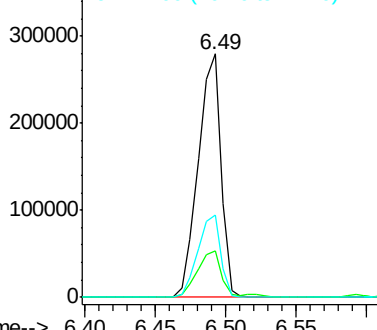
99 100

42 19.3 14.5 21.7

71 33.7 25.4 38.0



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



#8

2-Chlorophenol

Concen: 39.516 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

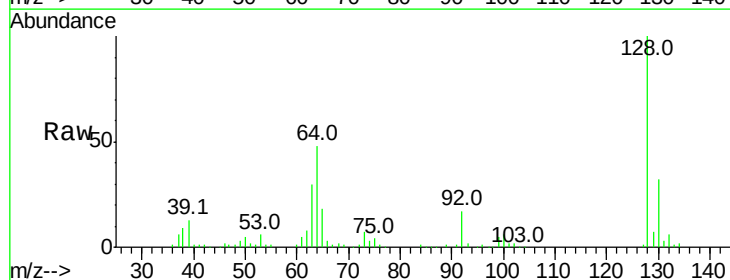
Tgt Ion: 128 Resp: 139620

Ion Ratio Lower Upper

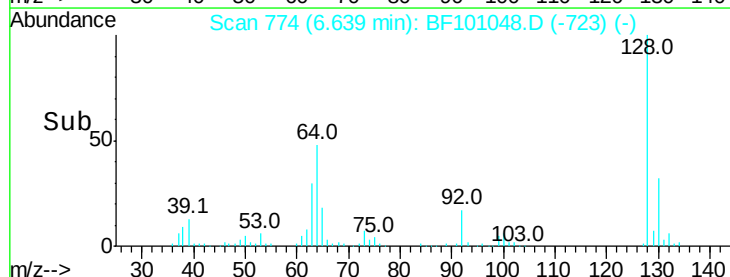
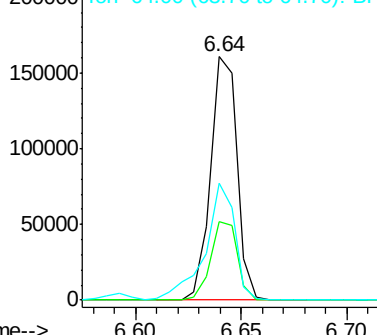
128 100

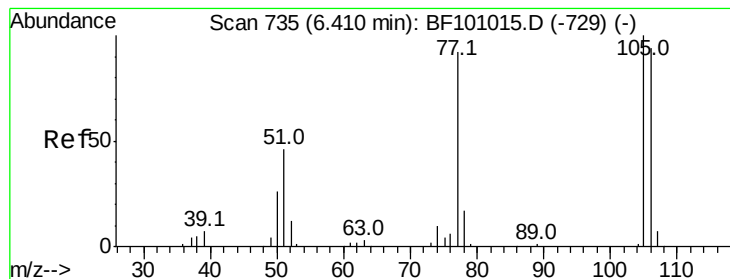
130 32.4 13.0 53.0

64 48.3 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: 39.563 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

Instrument :

BNA_F

ClientSampled :

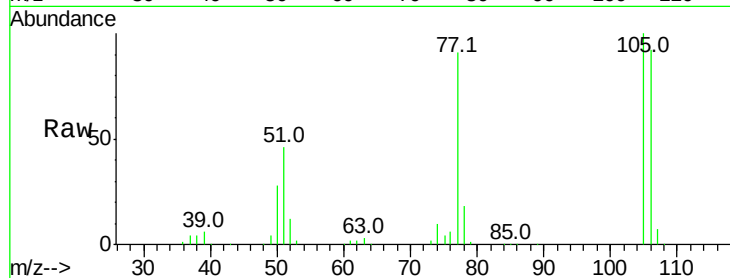
Tot Ion: 77 Resp: 95266

Ion Ratio Lower Upper

77 100

105 109.5 81.1 121.1

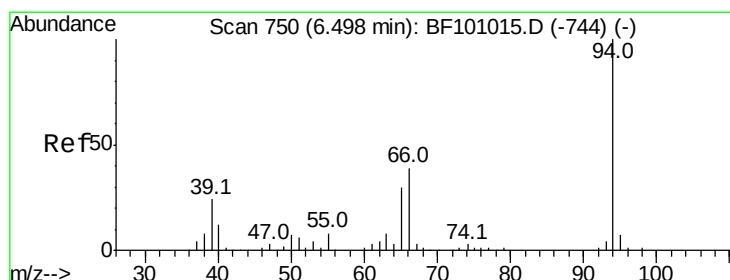
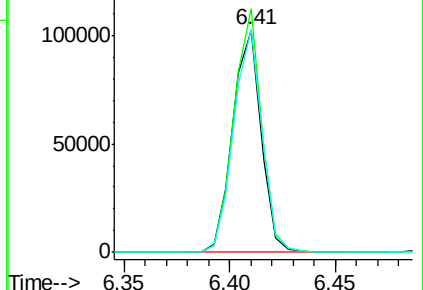
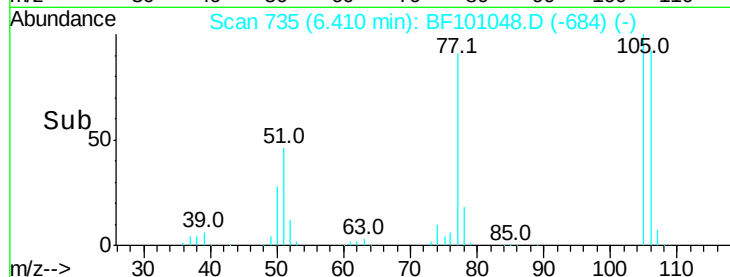
106 100.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.853 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

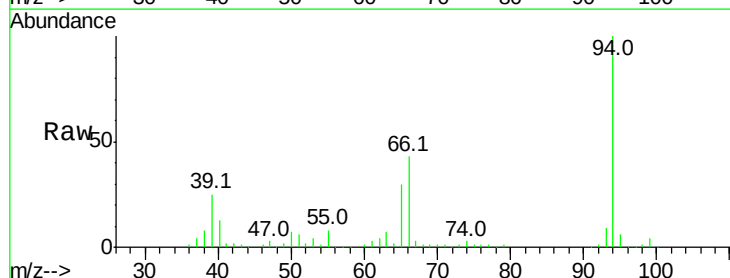
Tgt Ion: 94 Resp: 169967

Ion Ratio Lower Upper

94 100

65 29.5 7.9 47.9

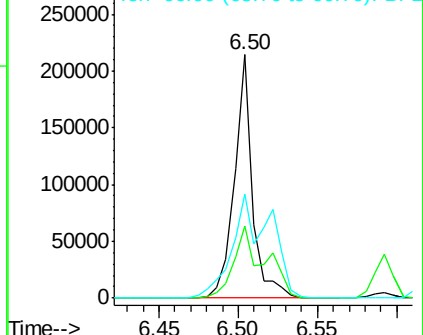
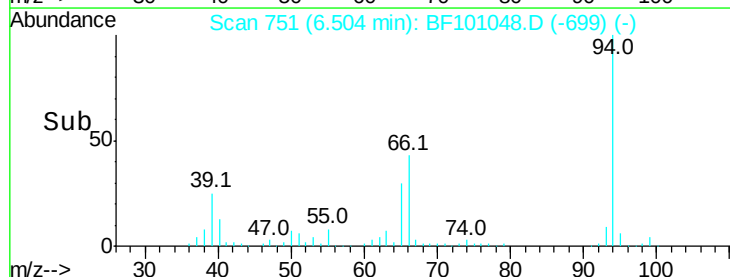
66 42.8 16.2 56.2

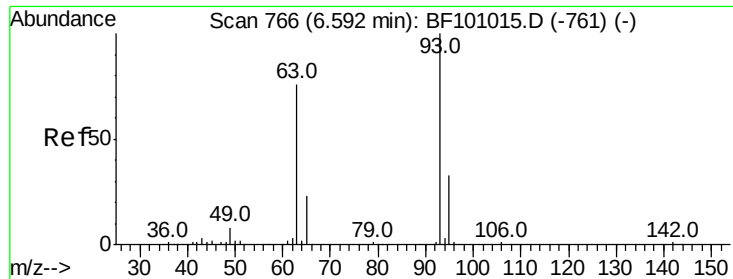


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.527 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

Instrument :

BNA_F

ClientSampleId :

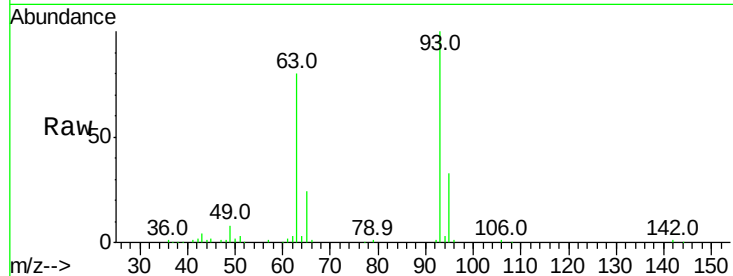
Tot Ion: 93 Resp: 129700

Ion Ratio Lower Upper

93 100

63 80.2 58.6 98.6

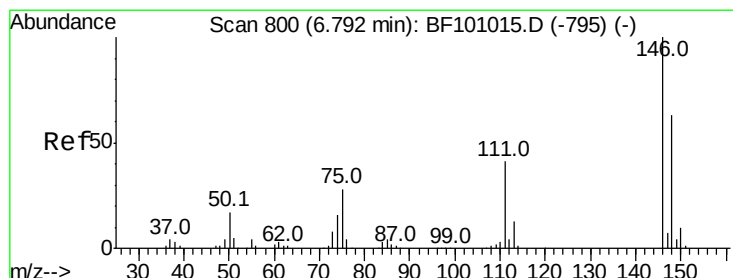
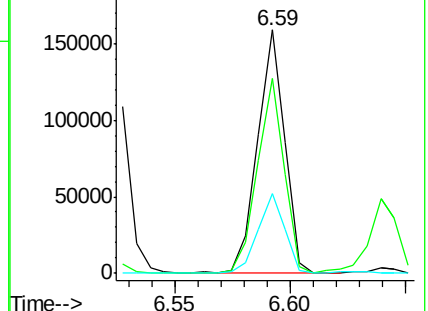
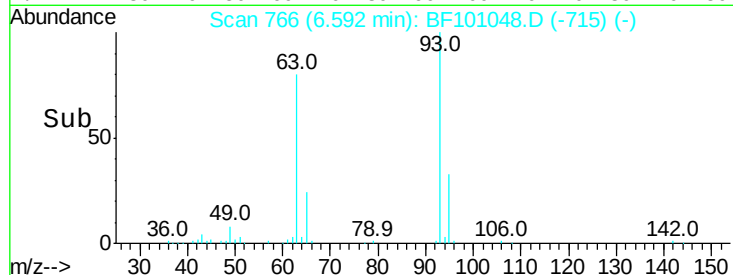
95 32.7 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.079 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

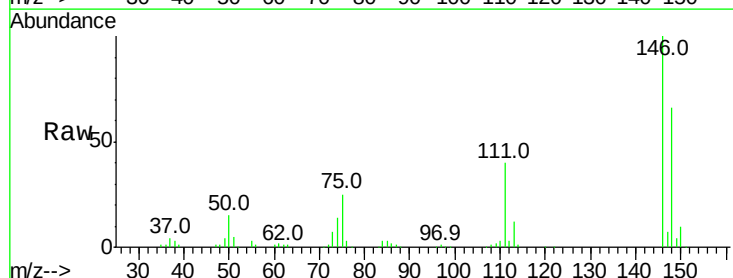
Tgt Ion: 146 Resp: 164888

Ion Ratio Lower Upper

146 100

148 65.5 51.8 77.8

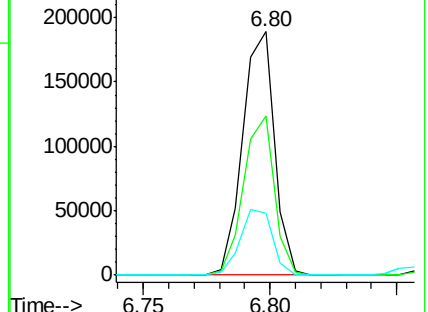
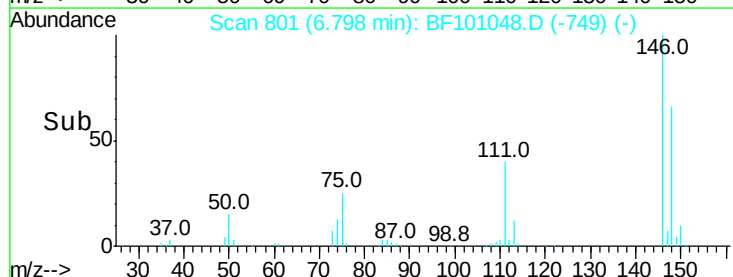
75 25.5 24.2 36.4

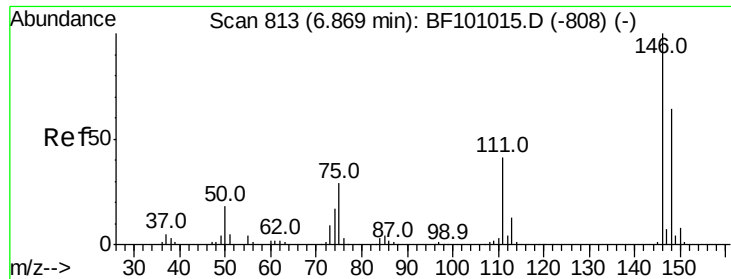


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

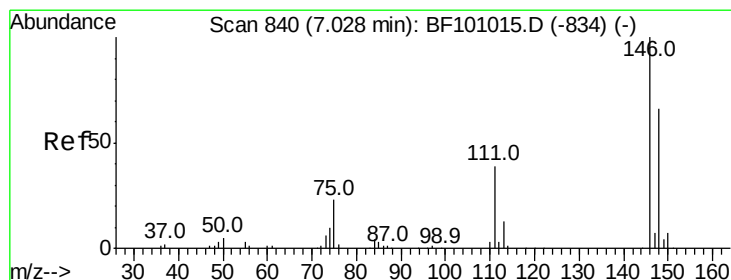
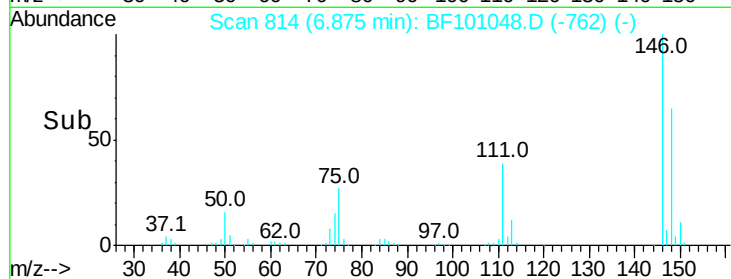
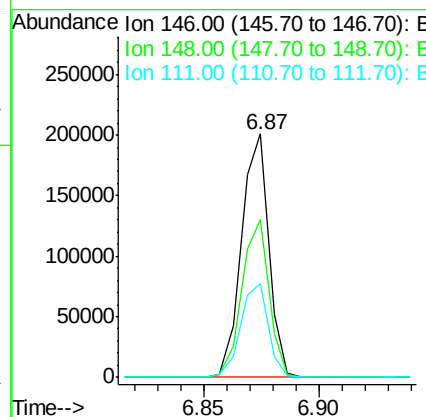
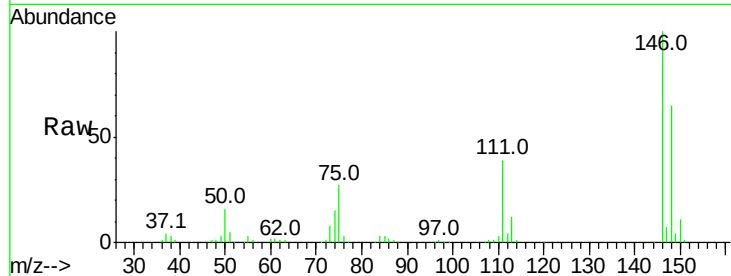




#13
 1,4-Dichlorobenzene
 Concen: 38.941 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

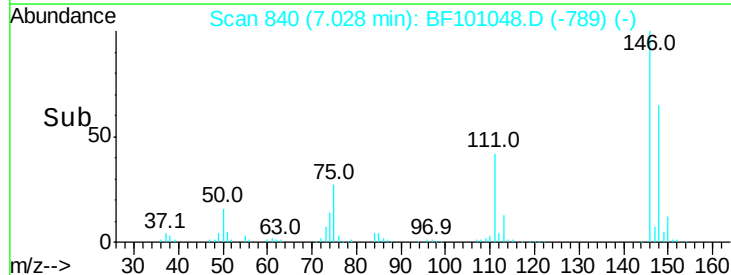
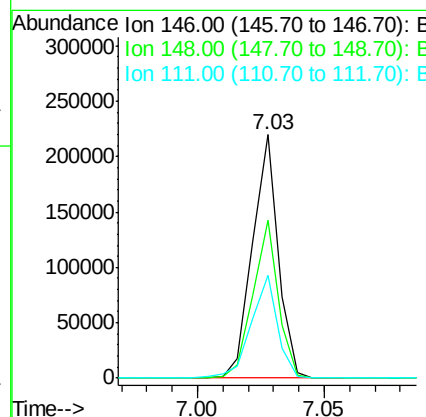
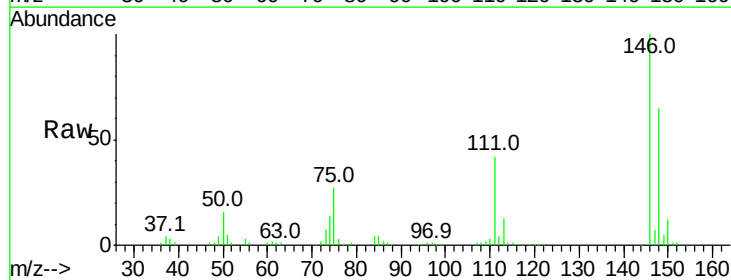
Instrument :
 BNA_F
 ClientSampled :

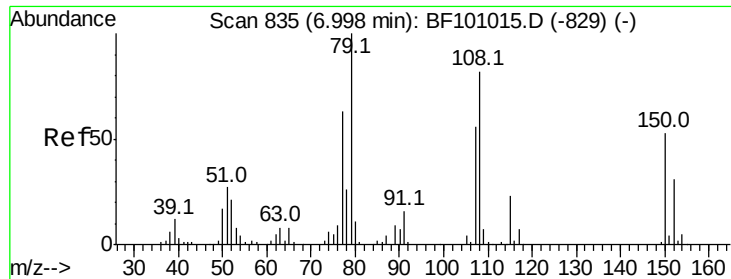
Tot Ion:146 Resp: 165869
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 38.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.112 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Tgt Ion:146 Resp: 155391
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.6 75.8
 111 42.1 36.0 54.0

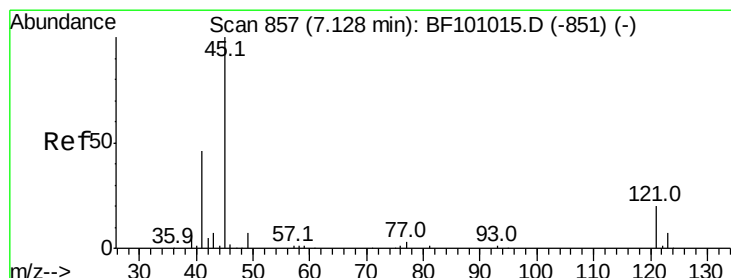
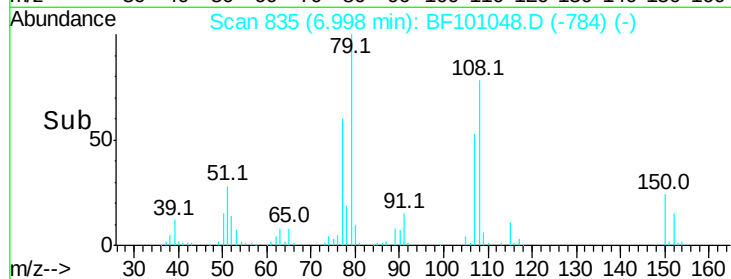
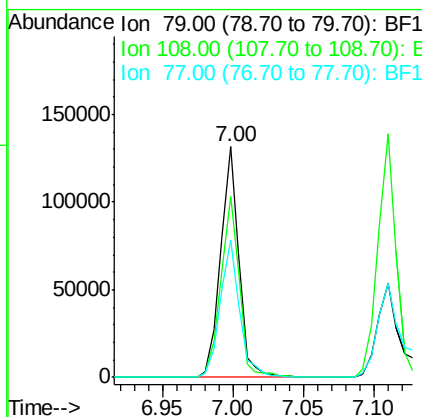
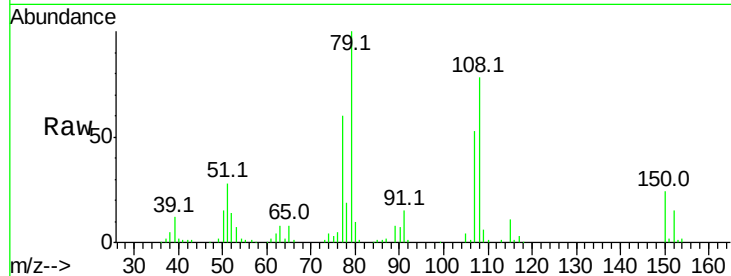




#15
Benzyl Alcohol
Concen: 39.114 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF101048.D
Acq: 1 Dec 2017 6:02

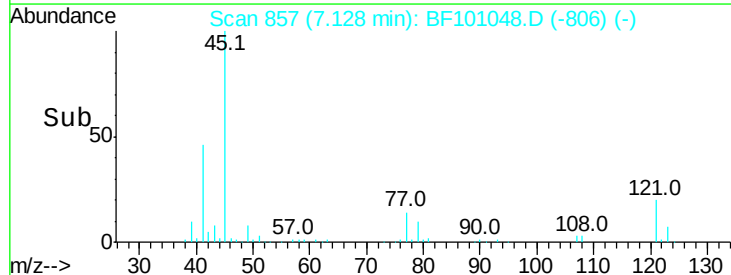
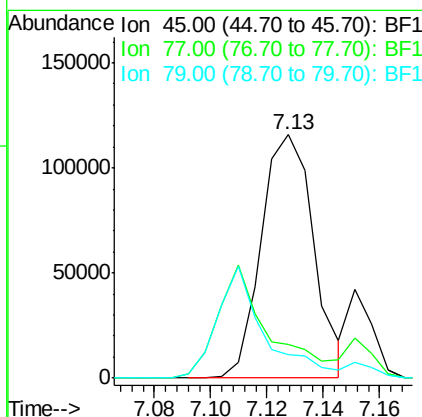
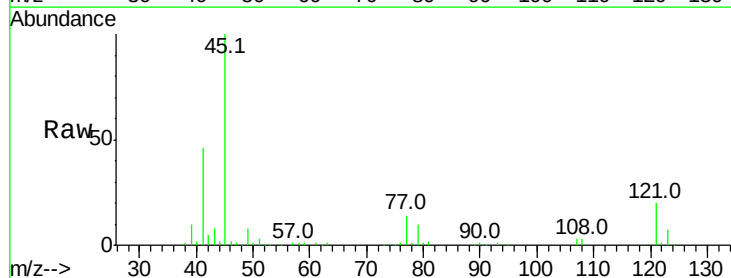
Instrument :
BNA_F
ClientSampleId :

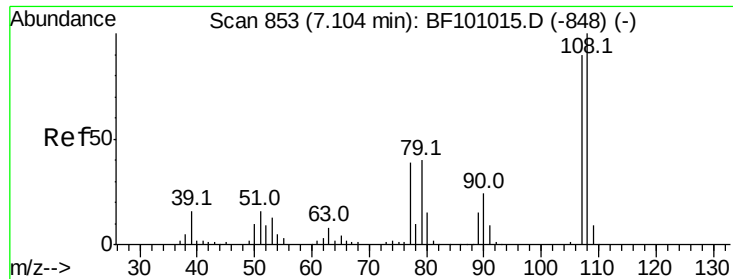
Tot Ion: 79 Resp: 118853
Ion Ratio Lower Upper
79 100
108 78.3 65.1 97.7
77 59.7 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.481 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF101048.D
Acq: 1 Dec 2017 6:02

Tgt Ion: 45 Resp: 149336
Ion Ratio Lower Upper
45 100
77 13.6 0.0 32.9
79 9.7 0.0 29.6

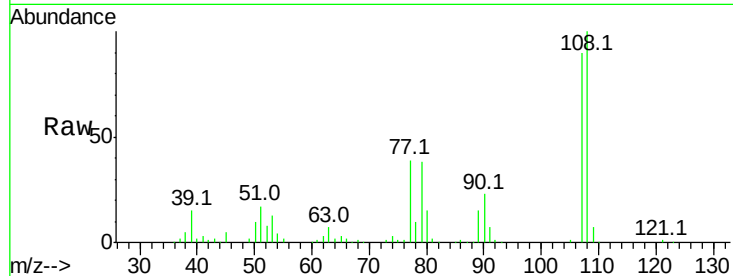




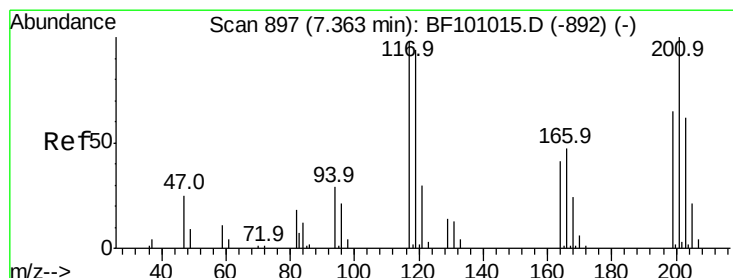
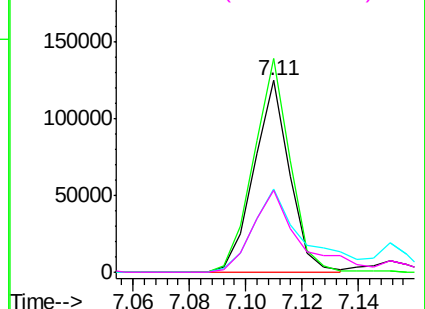
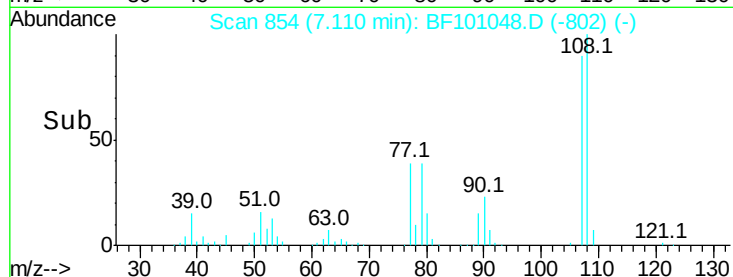
#17
2-Methylphenol
Concen: 38.564 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF101048.D
Acq: 1 Dec 2017 6:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 110024
Ion Ratio Lower Upper
107 100
108 111.3 91.7 137.5
77 43.1 33.8 50.8
79 42.8 33.8 50.8

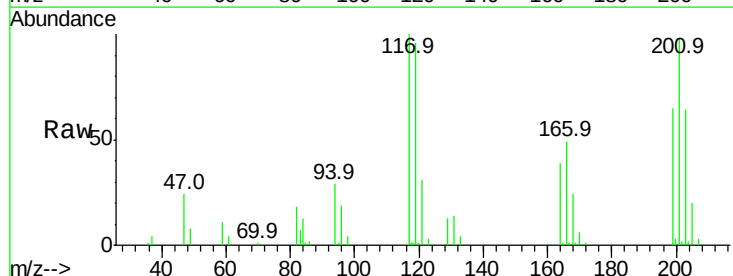


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

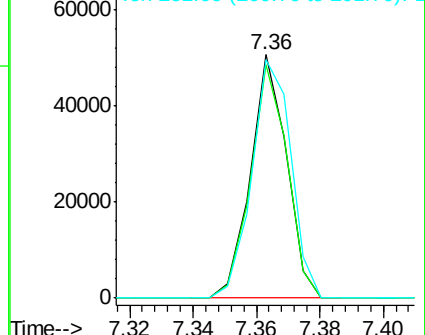
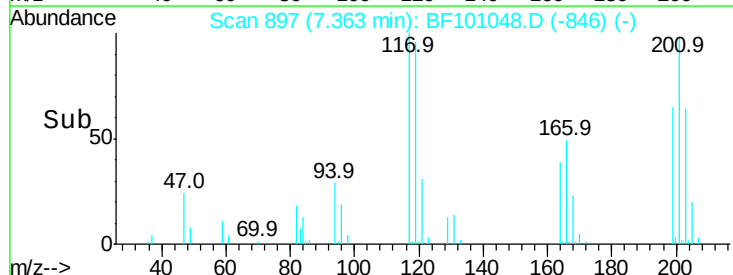


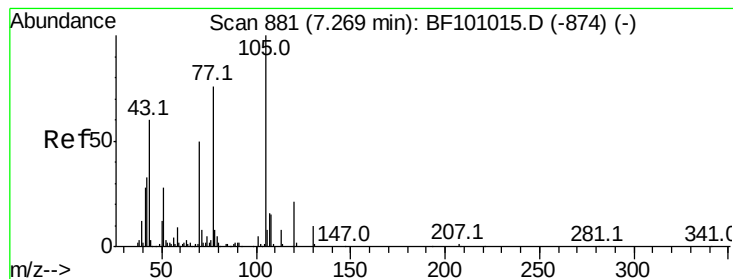
#18
Hexachloroethane
Concen: 29.217 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101048.D
Acq: 1 Dec 2017 6:02

Tgt Ion:117 Resp: 39982
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.8
201 98.2 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: 38.388 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 101713

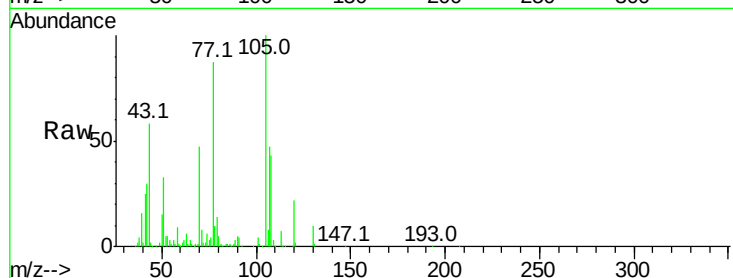
Ion Ratio Lower Upper

70 100

42 64.6 47.5 71.3

101 9.1 7.4 11.2

130 20.5 16.6 25.0



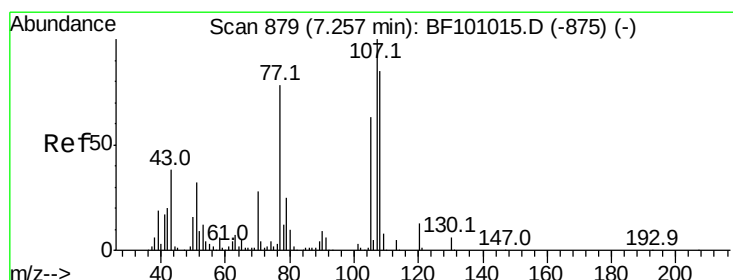
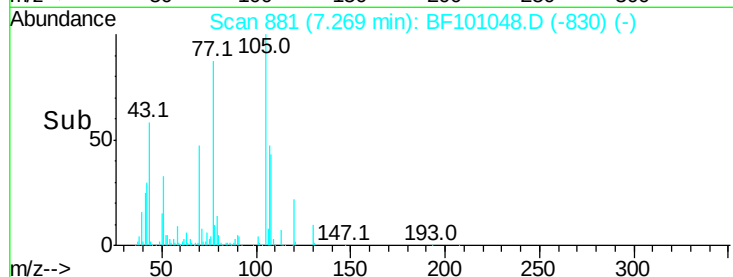
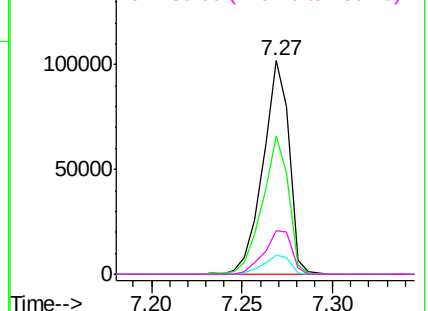
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 38.238 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

Tgt Ion: 107 Resp: 142274

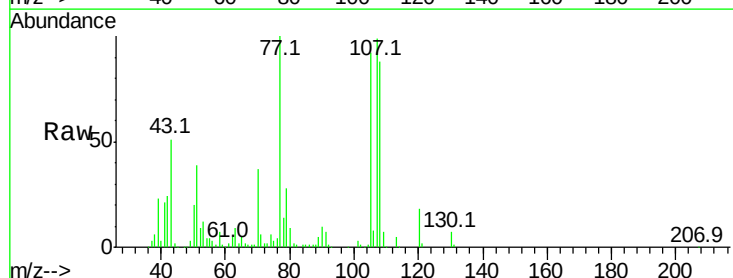
Ion Ratio Lower Upper

107 100

108 89.1 68.2 108.2

77 101.1 26.7 66.7#

79 28.6 6.3 46.3



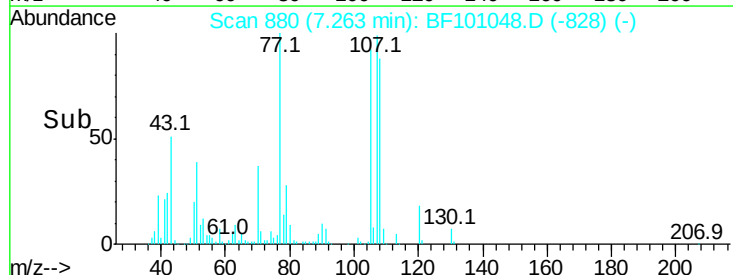
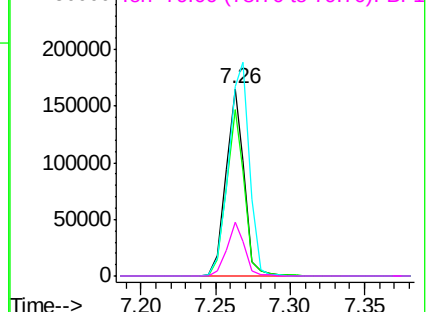
Abundance

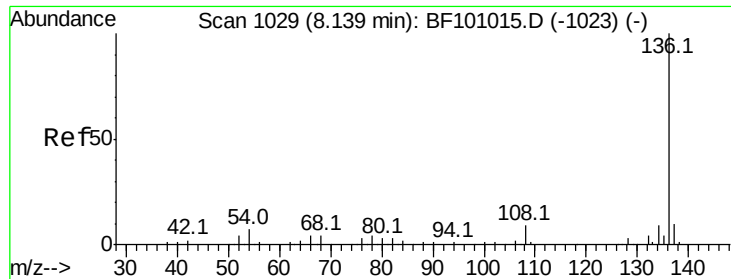
Ion 107.00 (106.70 to 107.70): BF1

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

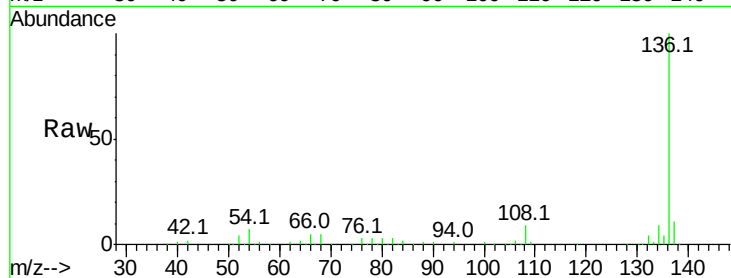




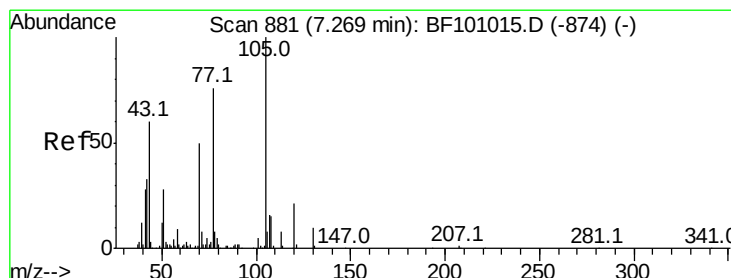
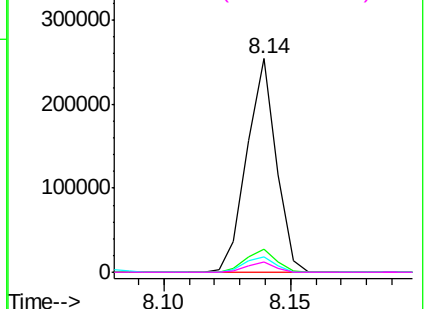
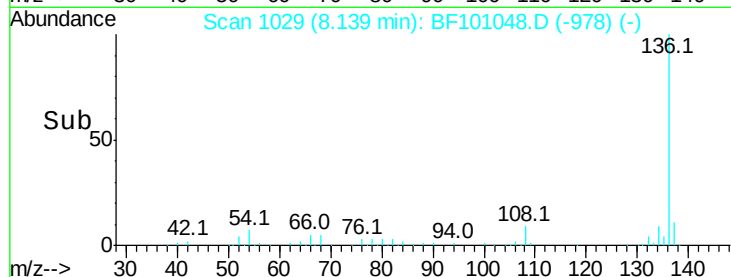
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF101048.D
Acq: 1 Dec 2017 6:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	204733
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	7.4	6.6 9.8
68	4.9	5.0 7.4#

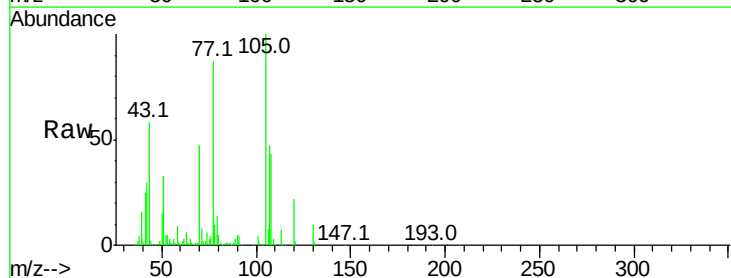


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

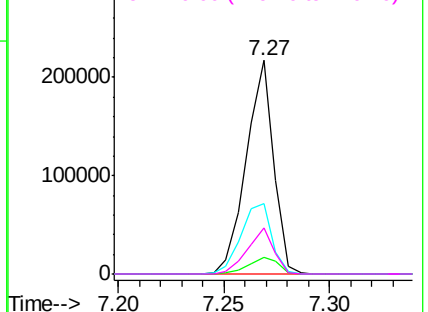
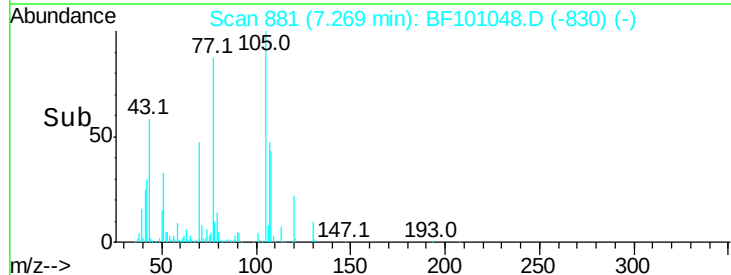


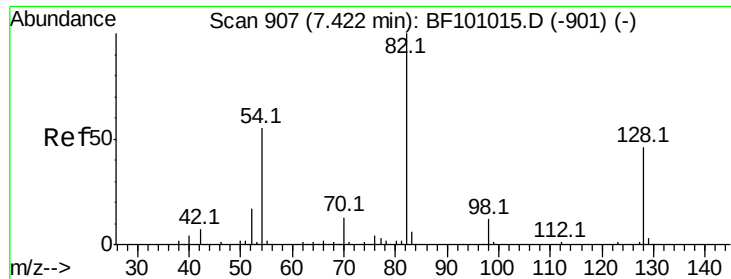
#22
Acetophenone
Concen: 39.451 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF101048.D
Acq: 1 Dec 2017 6:02

Tgt Ion:105	Resp:	195135
Ion Ratio	Lower	Upper
105	100	
71	7.5	4.4 6.6#
51	33.1	22.3 33.5
120	21.6	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

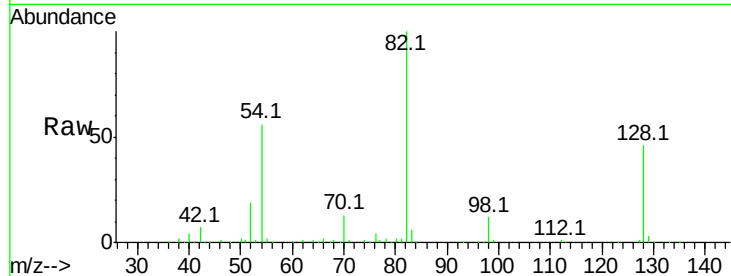




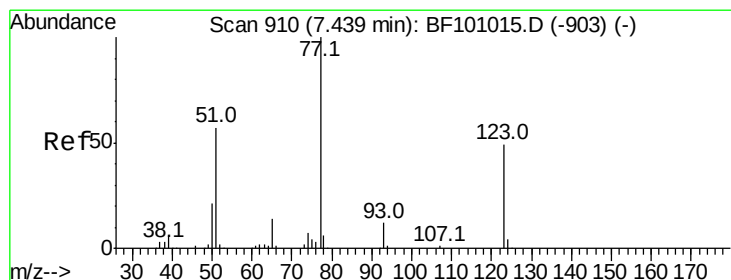
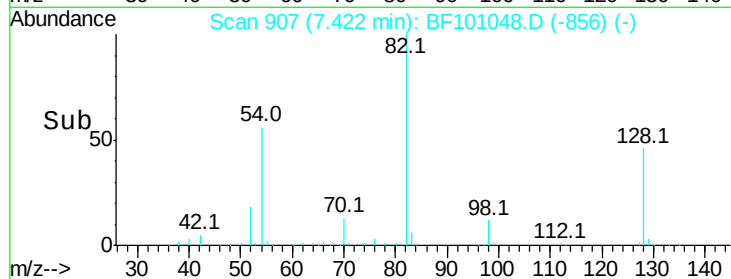
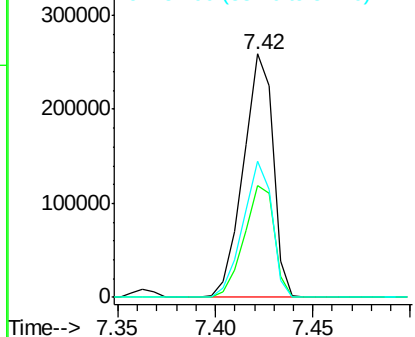
#23
Nitrobenzene-d5
Concen: 79.866 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF101048.D
Acq: 1 Dec 2017 6:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	274105
Ion Ratio	100	Lower	Upper
128	45.9	36.1	54.1
54	56.1	41.4	62.2

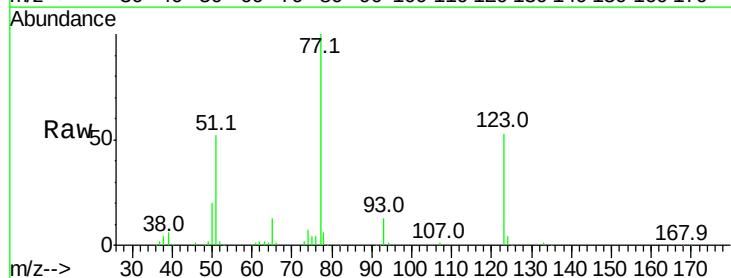


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

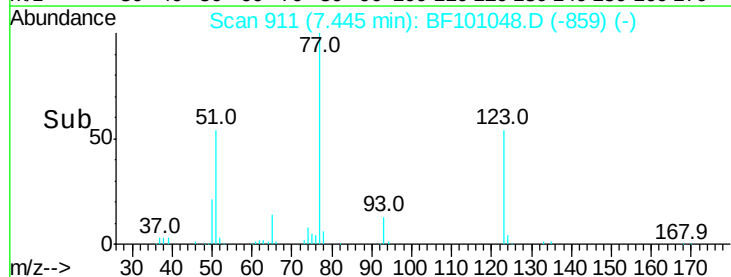
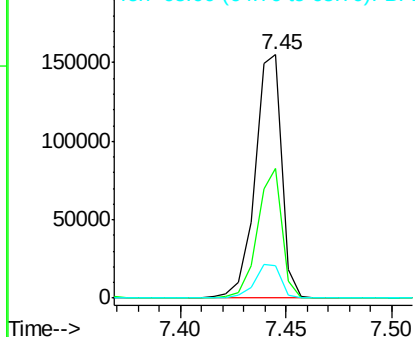


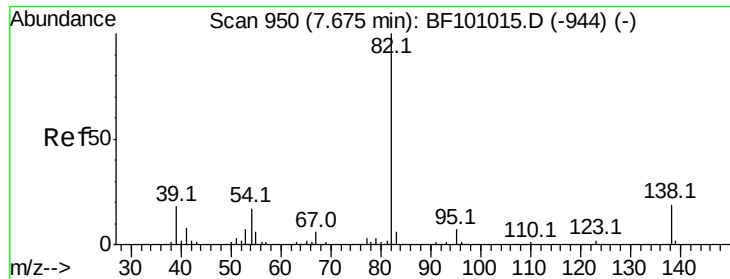
#24
Nitrobenzene
Concen: 40.519 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF101048.D
Acq: 1 Dec 2017 6:02

Tgt Ion	77	Resp	136294
Ion Ratio	100	Lower	Upper
123	53.1	37.9	56.9
65	13.4	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: 39.263 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

Instrument :

BNA_F

ClientSampleId :

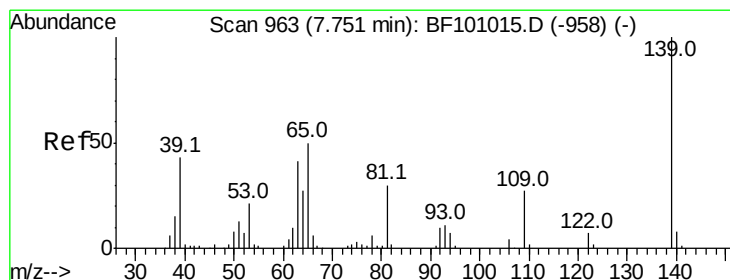
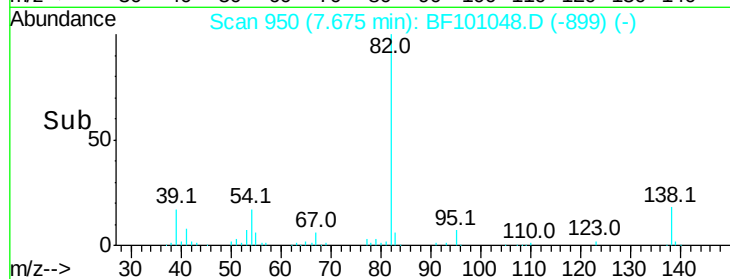
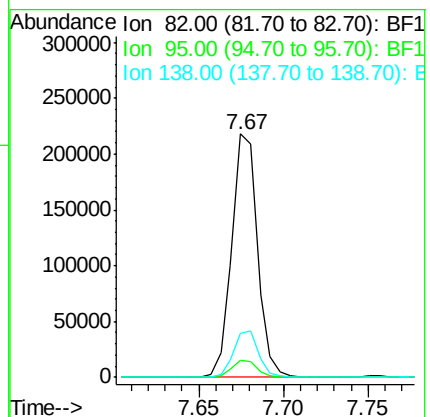
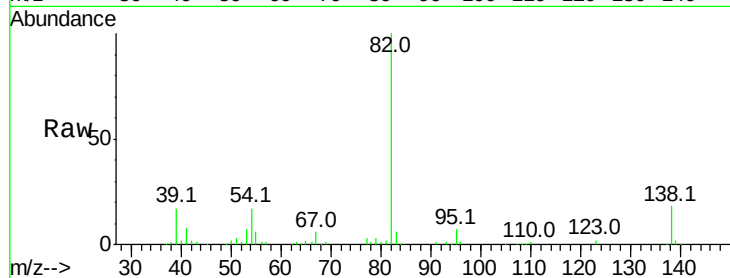
Tot Ion: 82 Resp: 230171

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.1 14.9 22.3



#26

2-Nitrophenol

Concen: 35.155 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

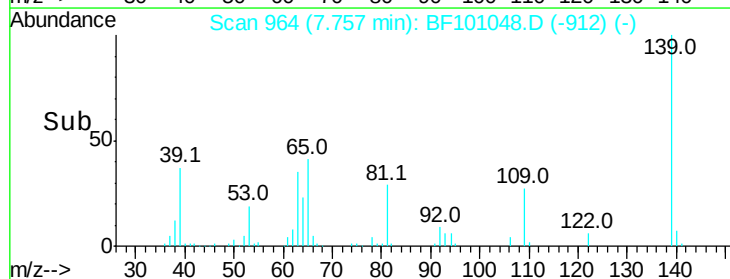
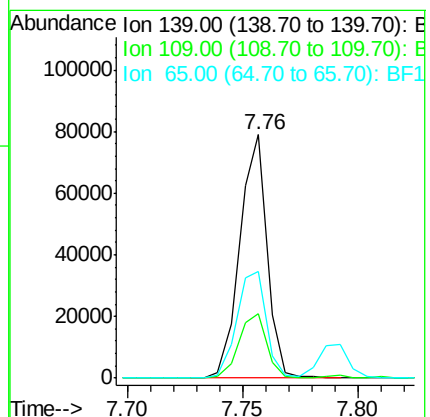
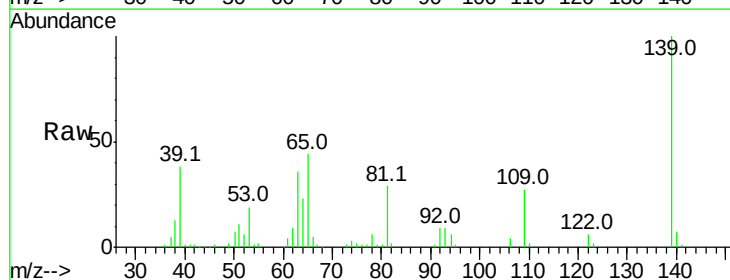
Tgt Ion: 139 Resp: 64914

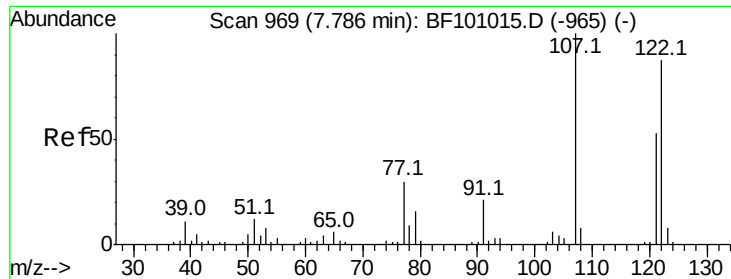
Ion Ratio Lower Upper

139 100

109 26.5 22.7 34.1

65 43.8 40.5 60.7

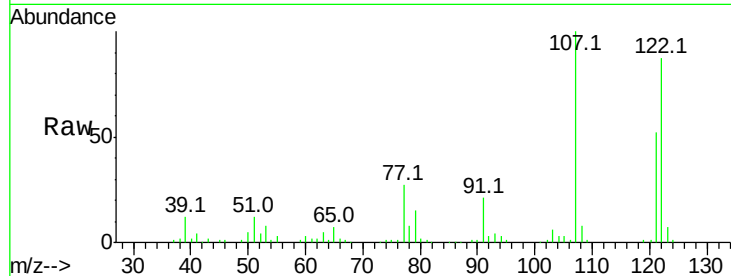




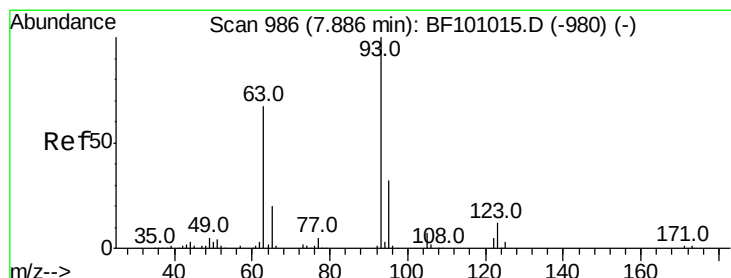
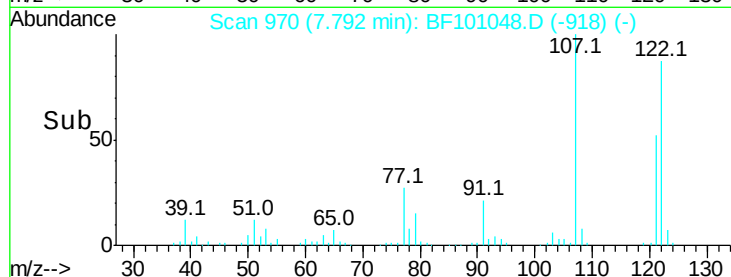
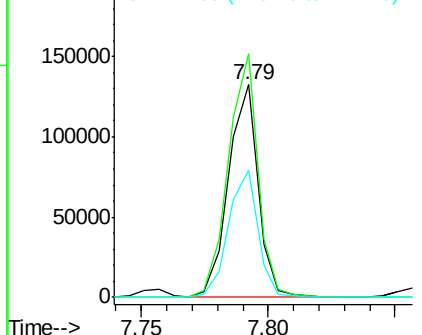
#27
 2,4-Dimethylphenol
 Concen: 40.423 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 107974
 Ion Ratio Lower Upper
 122 100
 107 114.4 91.2 136.8
 121 59.5 47.2 70.8

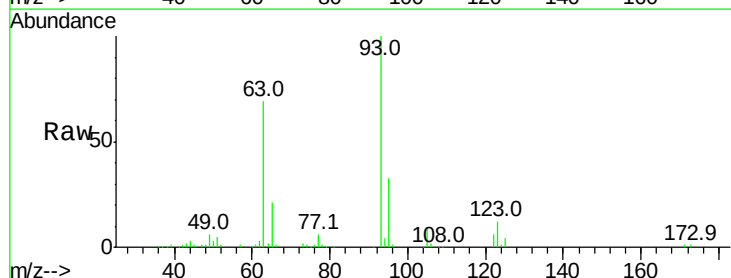


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

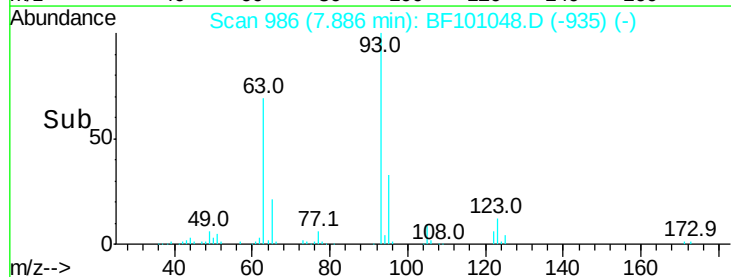
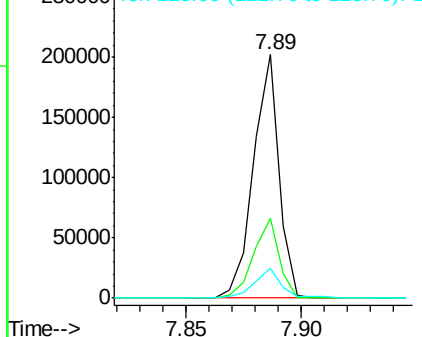


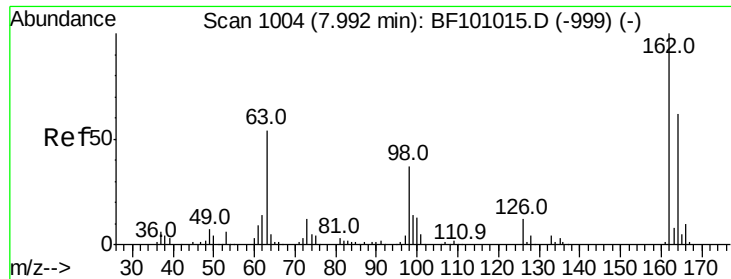
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.668 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Tgt Ion: 93 Resp: 156296
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.3 39.5
 123 12.2 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

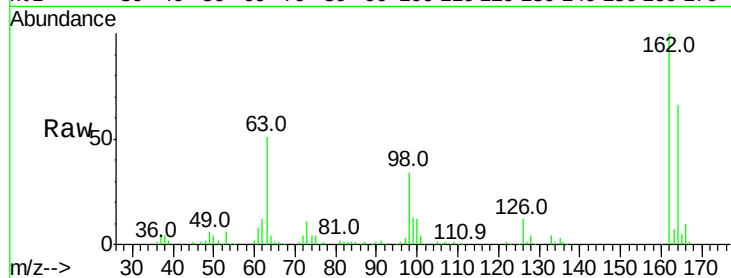




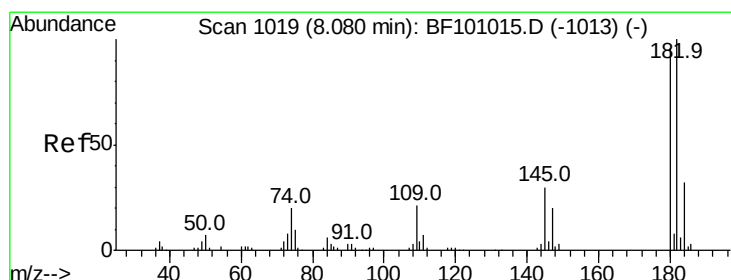
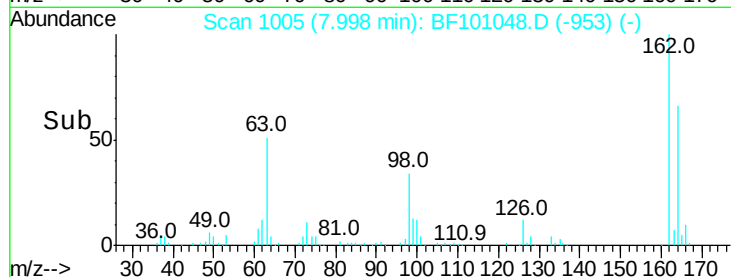
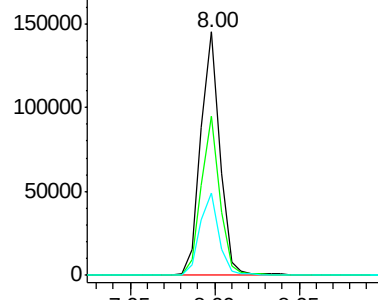
#29
 2,4-Dichlorophenol
 Concen: 39.427 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	42.7	82.7
98	33.8	18.1	58.1

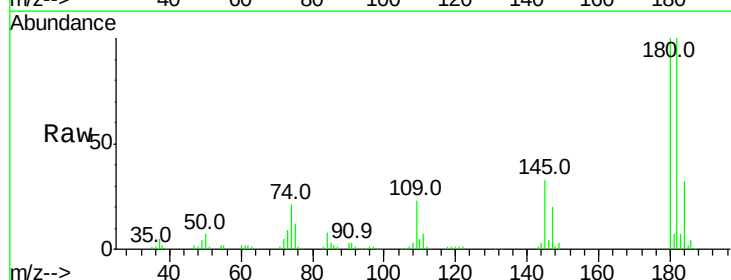


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

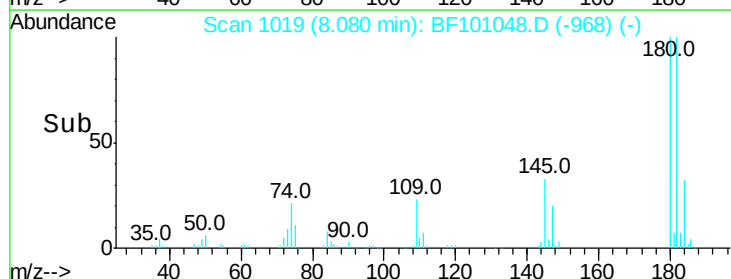
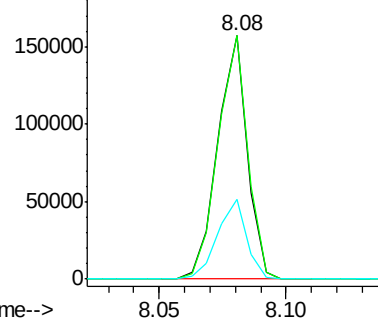


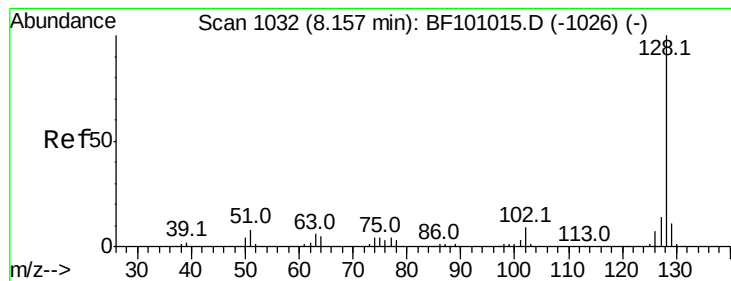
#30
 1,2,4-Trichlorobenzene
 Concen: 39.859 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.0	76.8	115.2
145	32.7	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: 39.109 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

Instrument :

BNA_F

ClientSampleId :

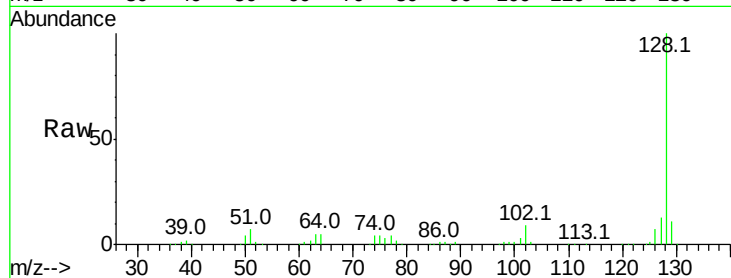
Tot Ion:128 Resp: 394625

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

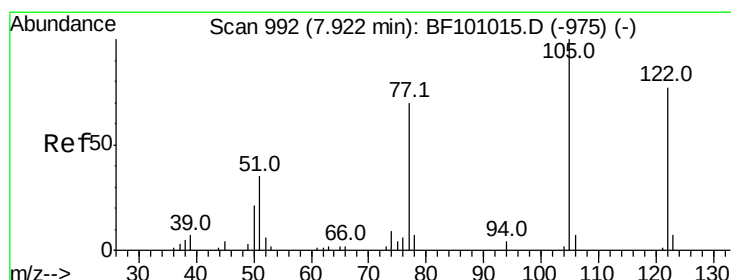
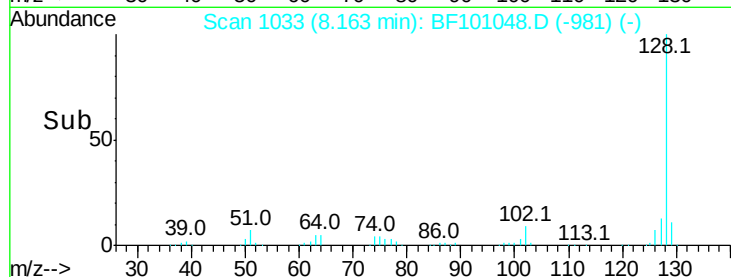
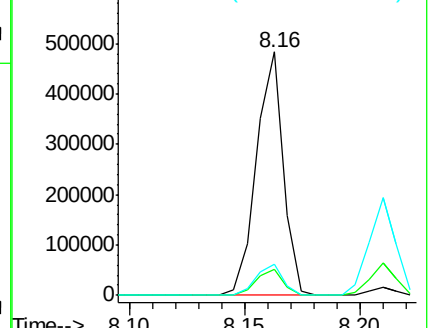
127 13.0 10.9 16.3



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: 23.245 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

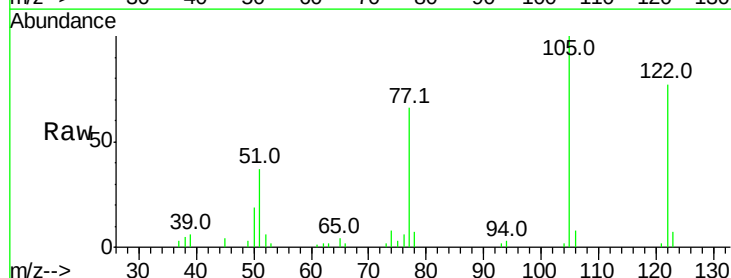
Tgt Ion:122 Resp: 48291

Ion Ratio Lower Upper

122 100

105 130.1 101.1 141.1

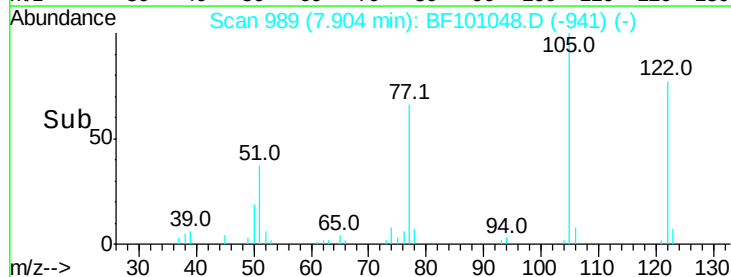
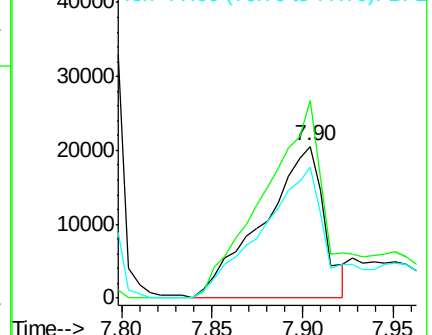
77 86.5 70.7 110.7

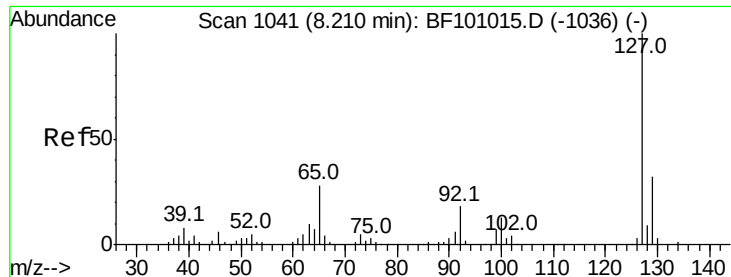


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

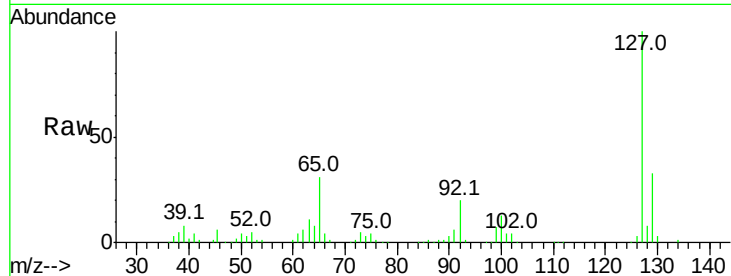




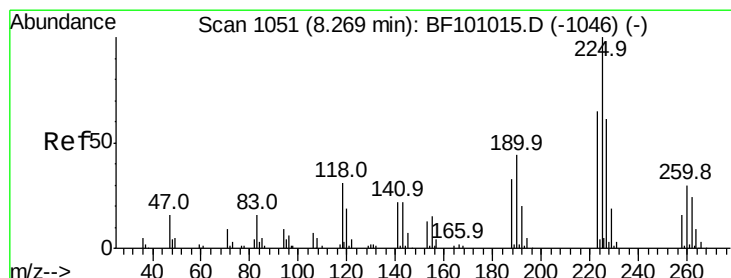
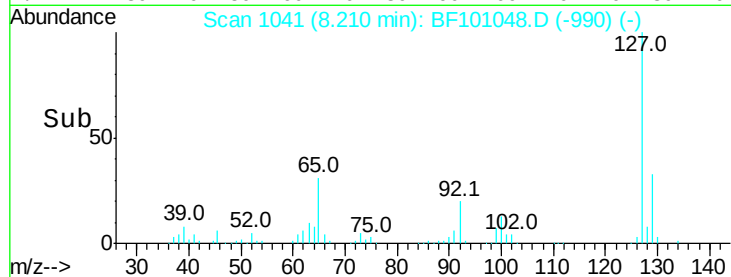
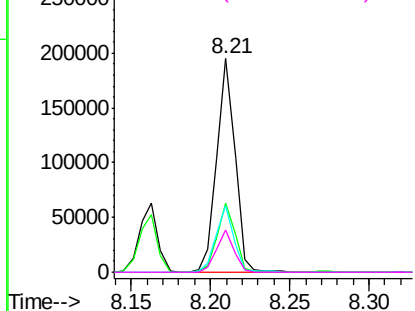
#33
4-Chloroaniline
Concen: 38.805 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF101048.D
Acq: 1 Dec 2017 6:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	31.1	25.0	37.4
92	19.8	15.2	22.8

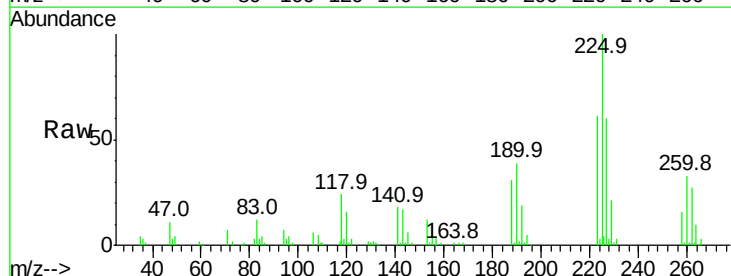


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

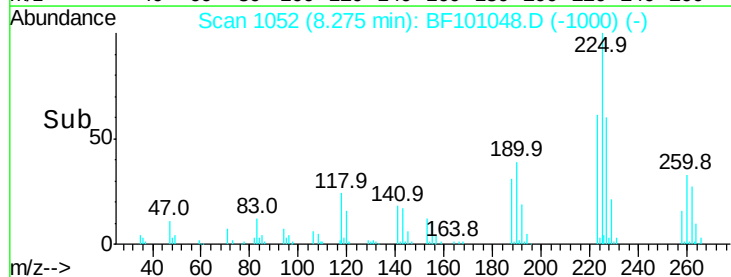
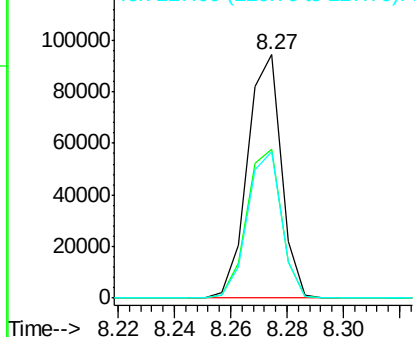


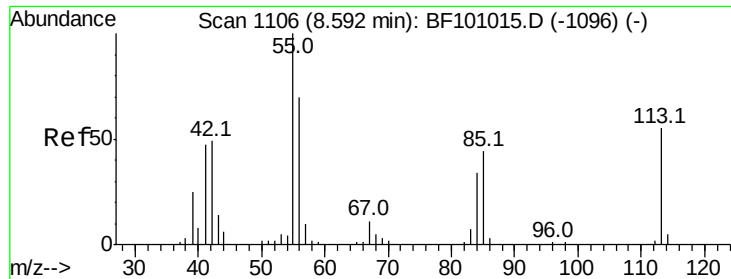
#34
Hexachlorobutadiene
Concen: 39.980 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.01 min
Lab File: BF101048.D
Acq: 1 Dec 2017 6:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.6	76.0
227	60.3	51.9	77.9



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

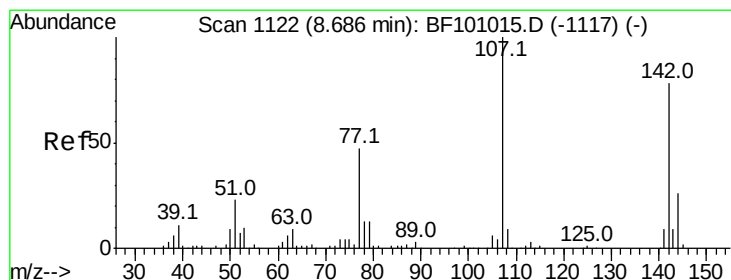
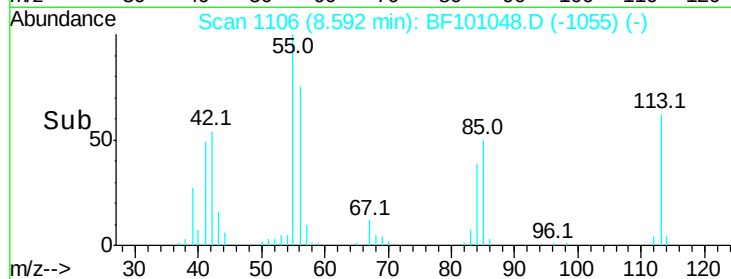
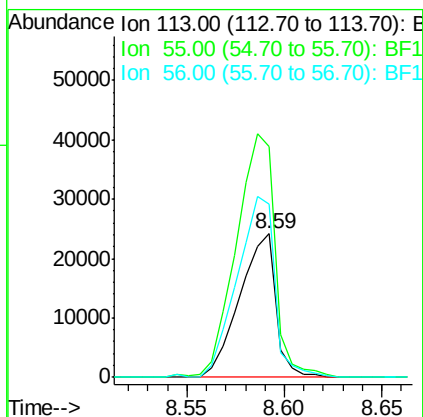
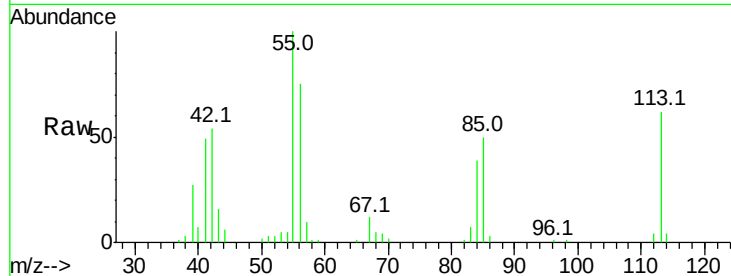




#35
 Caprolactam
 Concen: 34.275 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

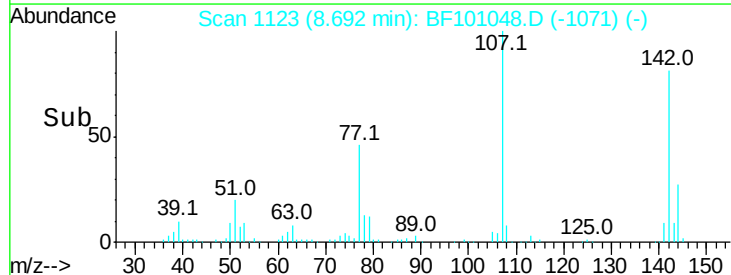
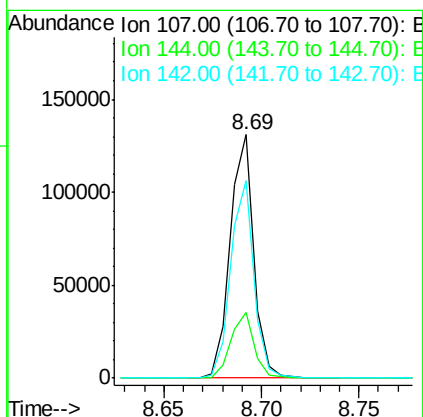
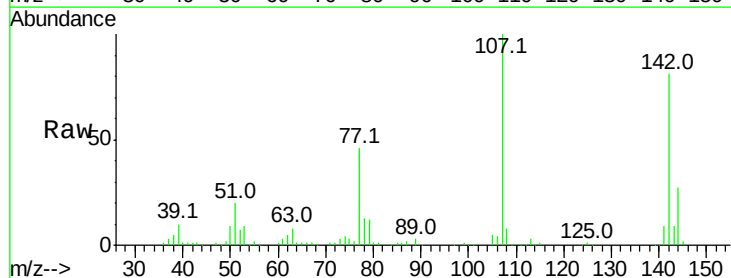
Instrument :
 BNA_F
 ClientSampleId :

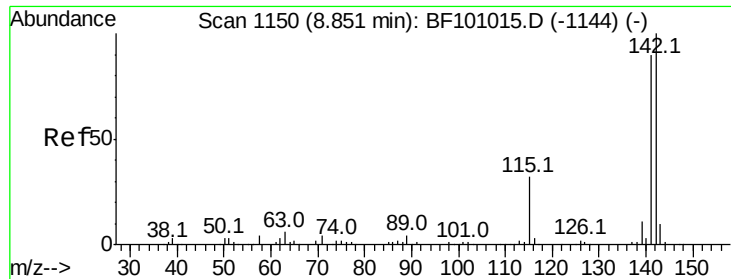
Tot Ion:113 Resp: 31057
 Ion Ratio Lower Upper
 113 100
 55 160.8 163.3 203.3#
 56 120.3 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 36.528 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Tgt Ion:107 Resp: 110014
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.5 30.7
 142 81.0 62.0 93.0

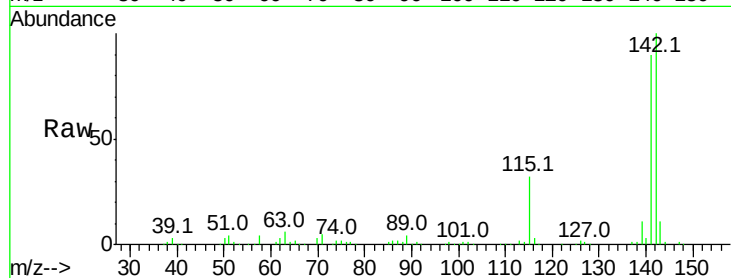




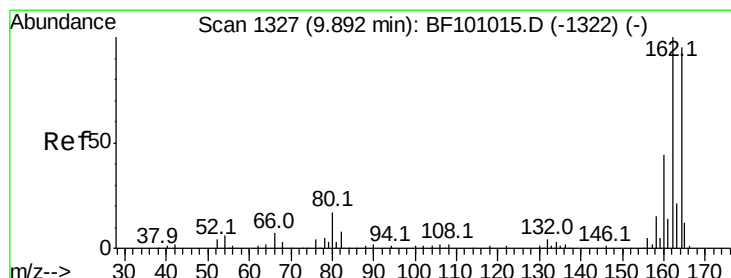
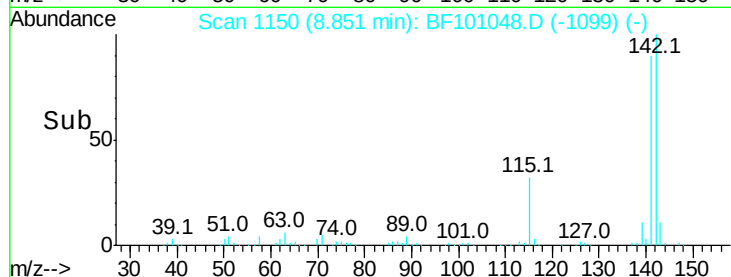
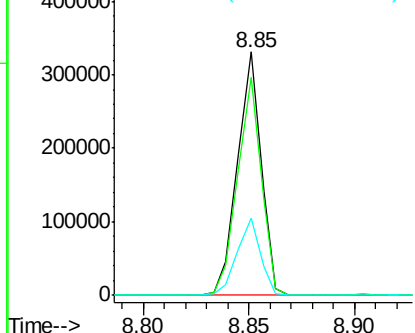
#37
 2-Methylnaphthalene
 Concen: 37.330 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	31.7	26.1	39.1

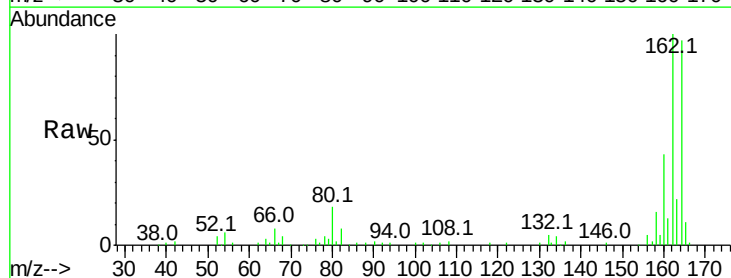


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

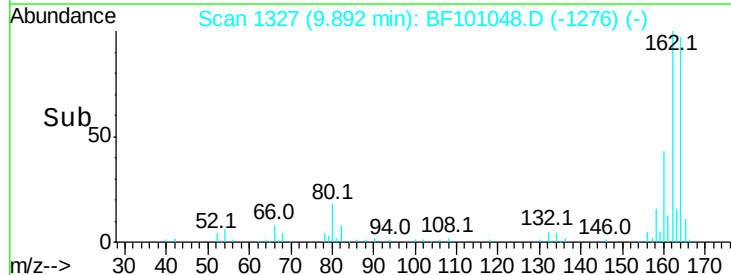
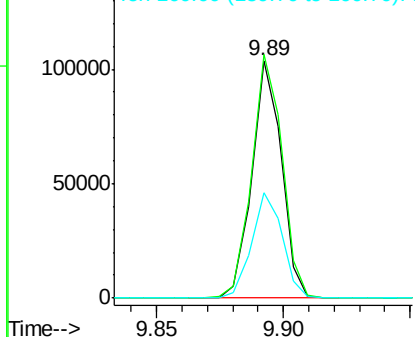


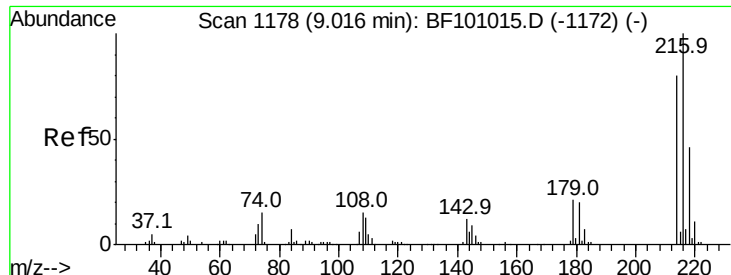
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	44.4	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

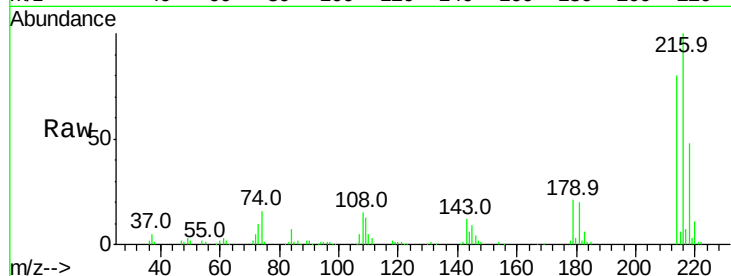




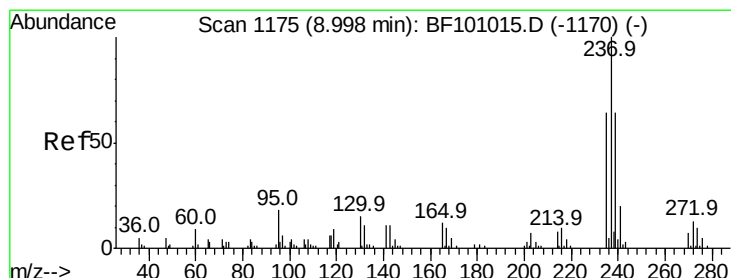
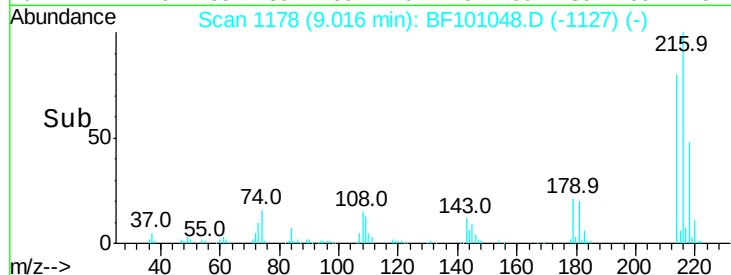
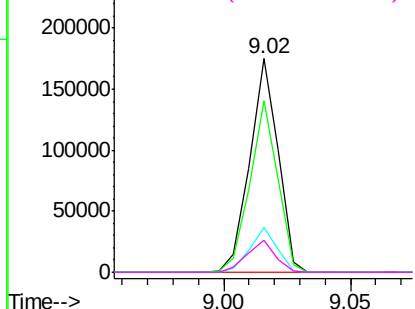
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.510 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	136163
Ion Ratio	Lower	Upper	
216	100		
214	78.6	63.0	94.4
179	20.3	18.1	27.1
108	14.8	17.2	25.8#

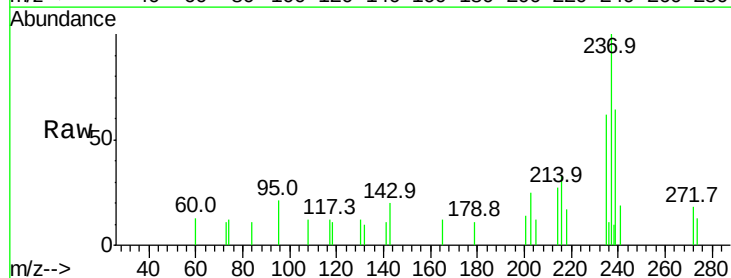


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

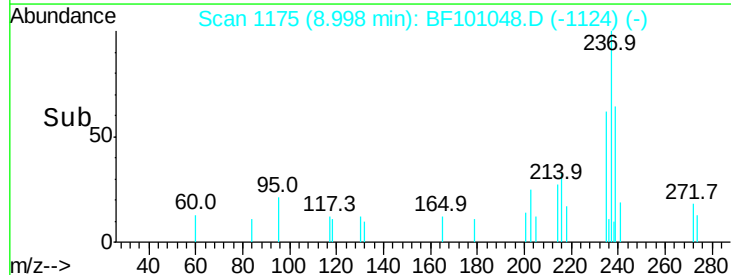
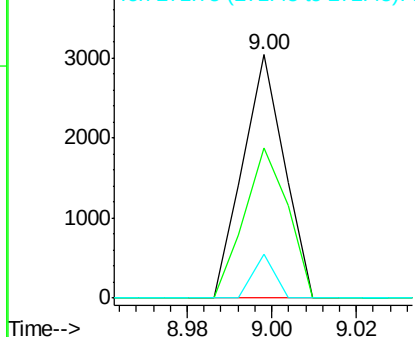


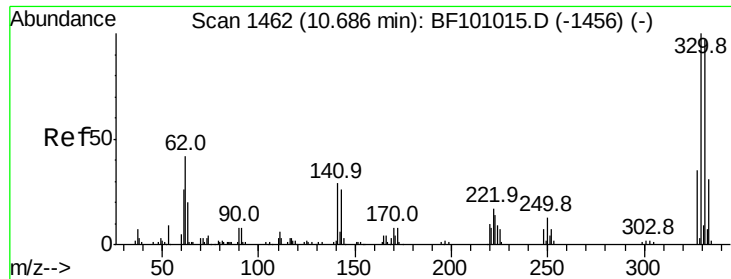
#40
 Hexachlorocyclopentadiene
 Concen: 7.611 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Tgt Ion:	237	Resp:	2086
Ion Ratio	Lower	Upper	
237	100		
235	61.5	44.8	84.8
272	18.2	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

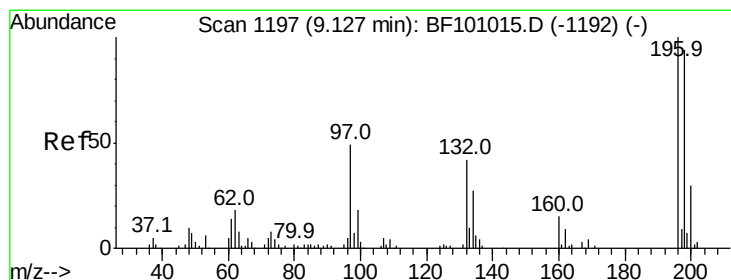
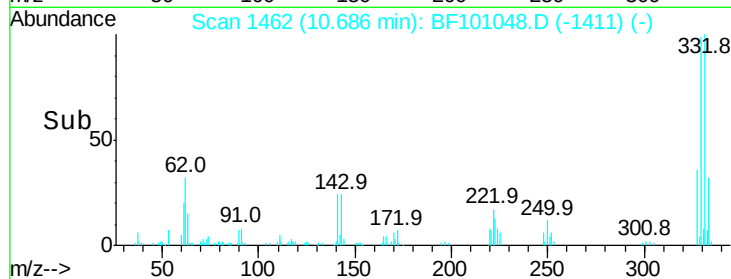
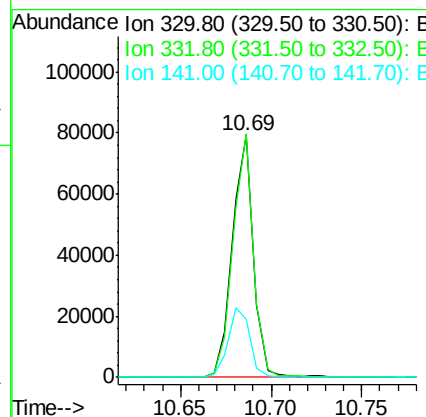
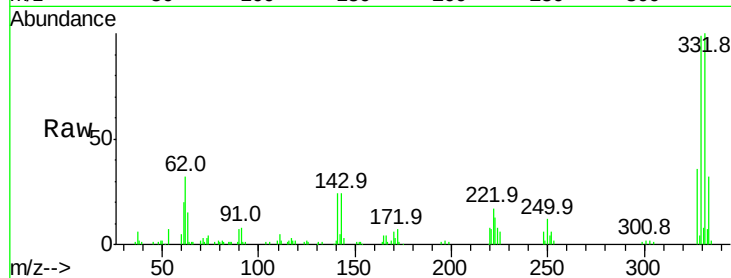




#41
 2,4,6-Tribromophenol
 Concen: 63.537 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

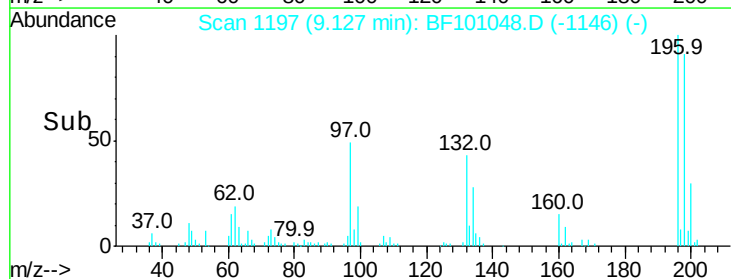
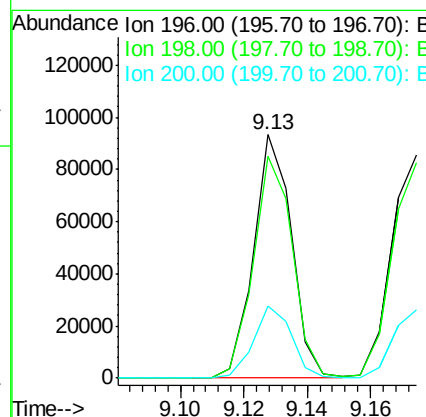
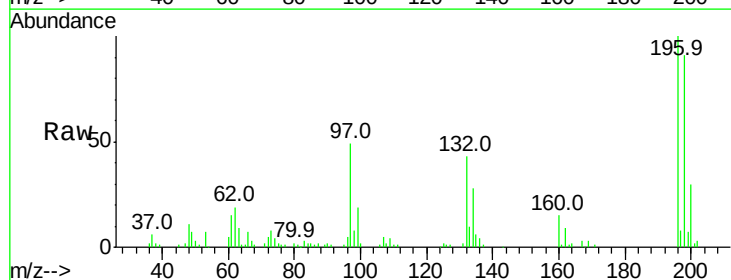
Instrument :
 BNA_F
 ClientSampled :

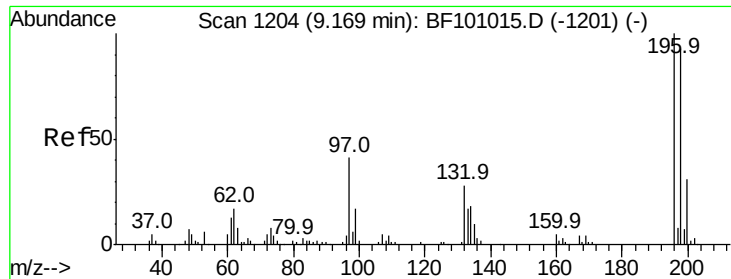
Tot Ion:330 Resp: 64274
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.0 115.6
 141 29.3 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 43.206 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Tgt Ion:196 Resp: 77482
 Ion Ratio Lower Upper
 196 100
 198 91.3 75.7 113.5
 200 29.5 24.5 36.7

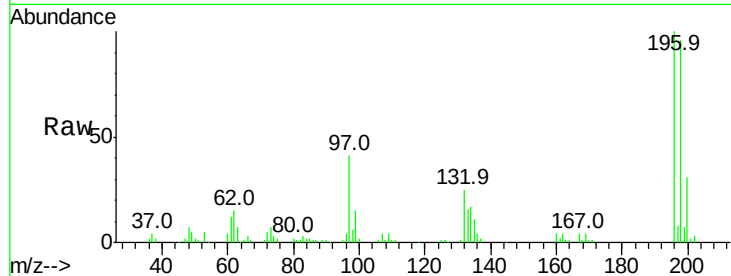




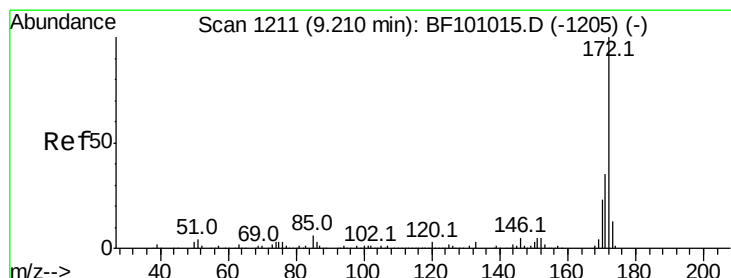
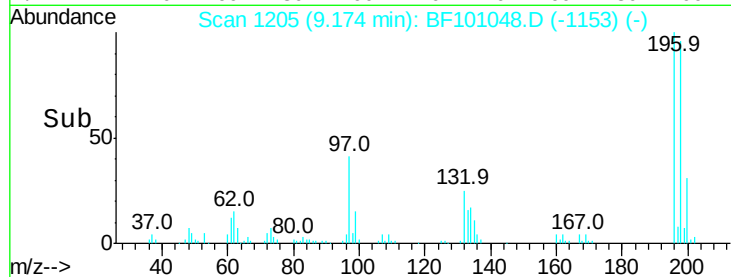
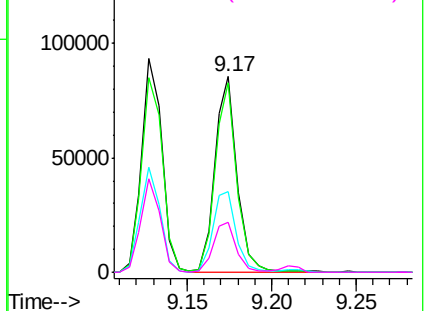
#43
 2,4,5-Trichlorophenol
 Concen: 40.970 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 78547
 Ion Ratio Lower Upper
 196 100
 198 96.5 74.6 112.0
 97 41.3 42.9 64.3#
 132 25.2 26.3 39.5#

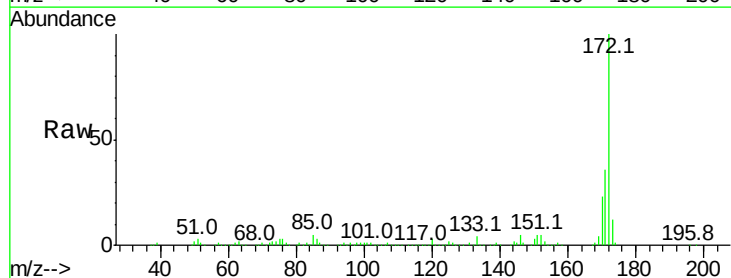


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

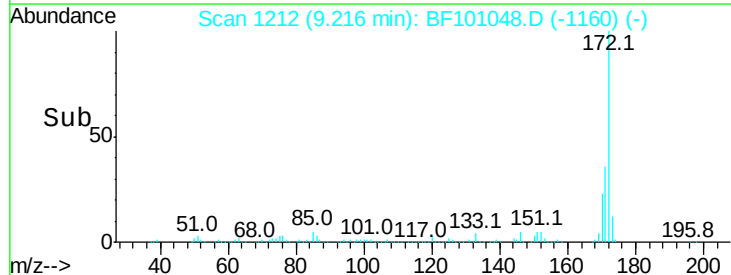
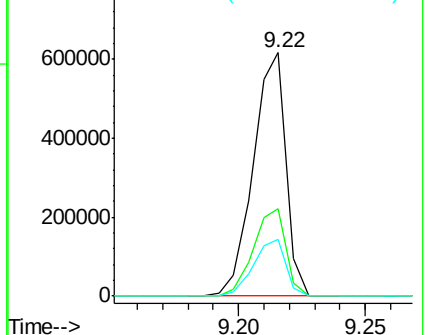


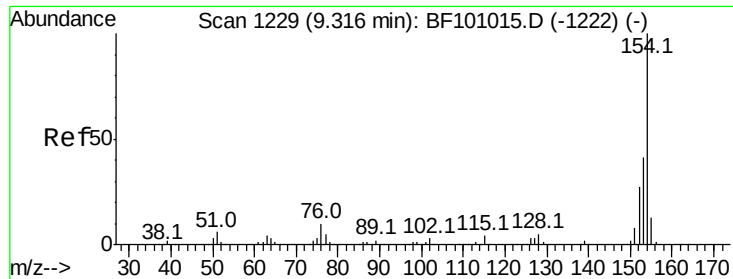
#44
 2-Fluorobiphenyl
 Concen: 89.564 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Tgt Ion:172 Resp: 551252
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.5 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

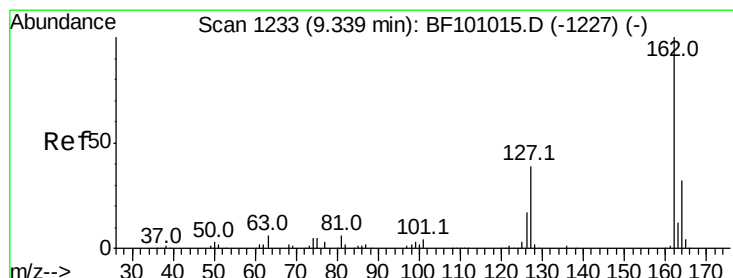
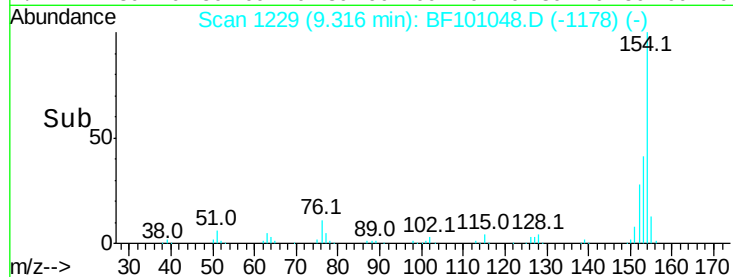
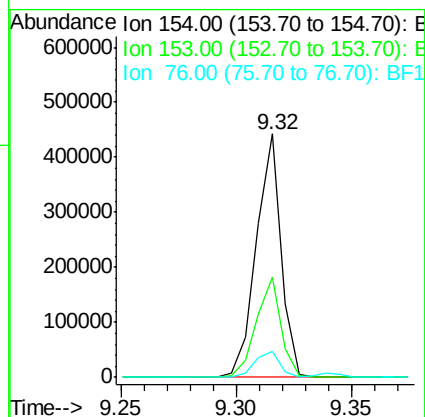
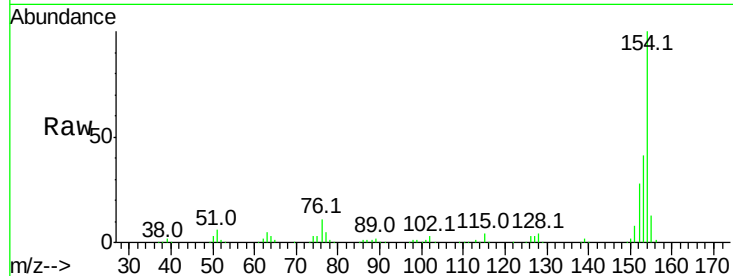




#45
 1,1'-Biphenyl
 Concen: 43.065 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

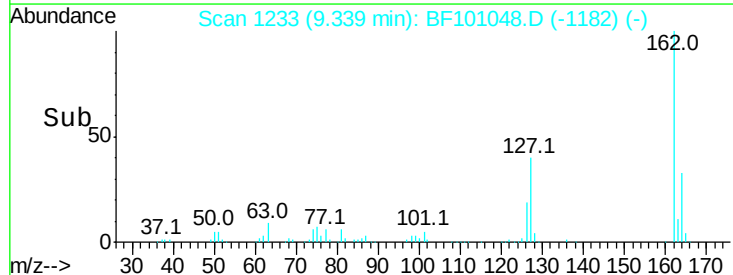
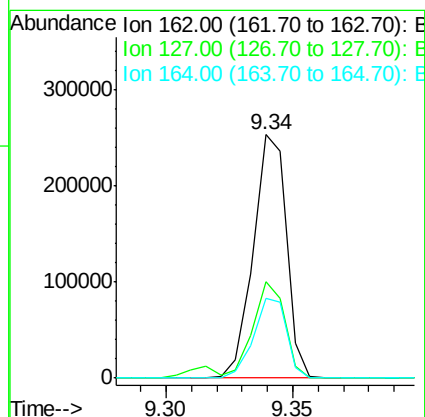
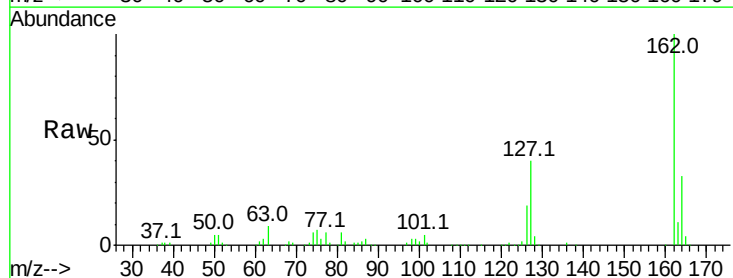
Instrument :
 BNA_F
 ClientSampleId :

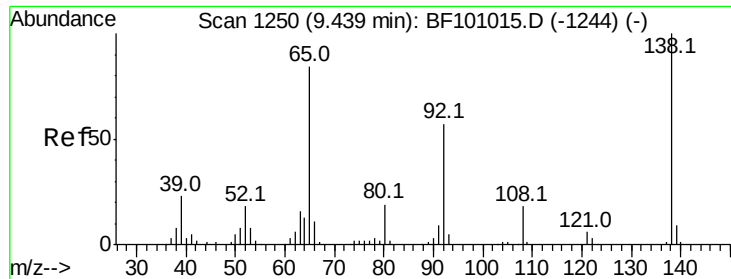
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	10.7	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 42.298 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.6	33.9	50.9
164	32.5	26.5	39.7

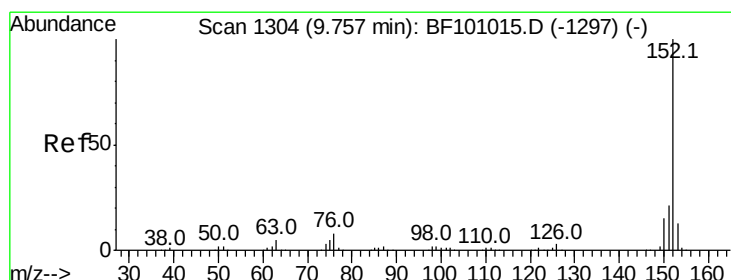
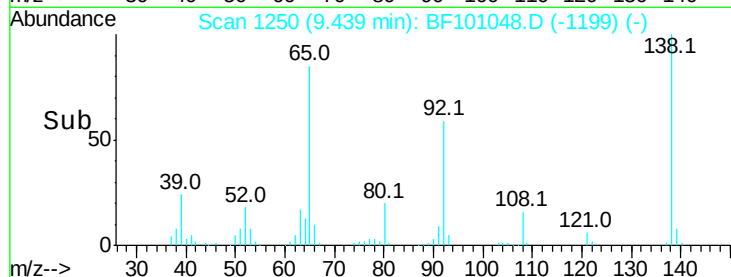
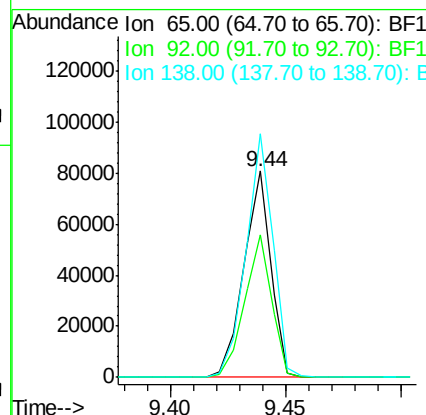
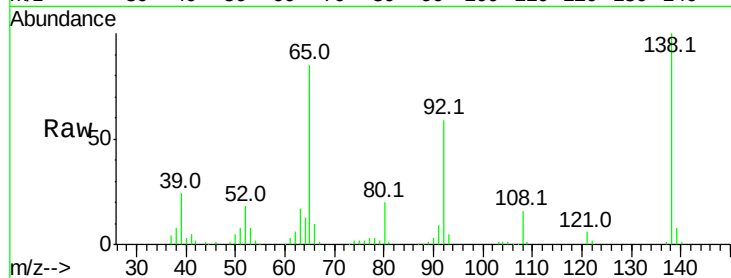




#47
2-Nitroaniline
Concen: 40.976 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BF101048.D
Acq: 1 Dec 2017 6:02

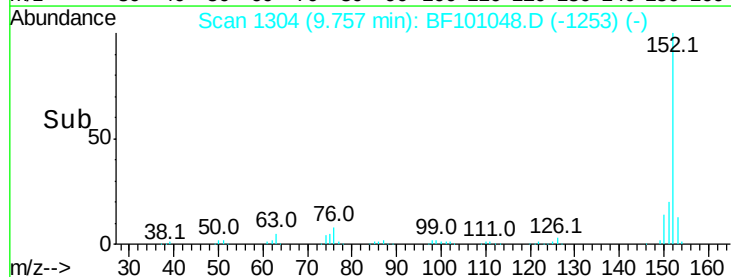
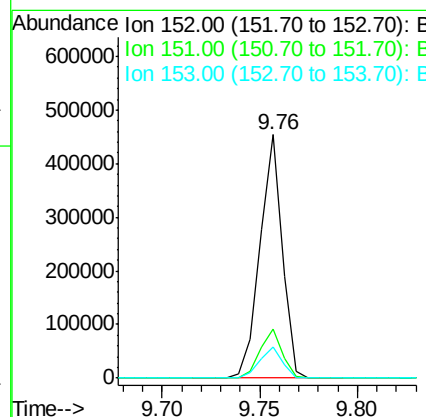
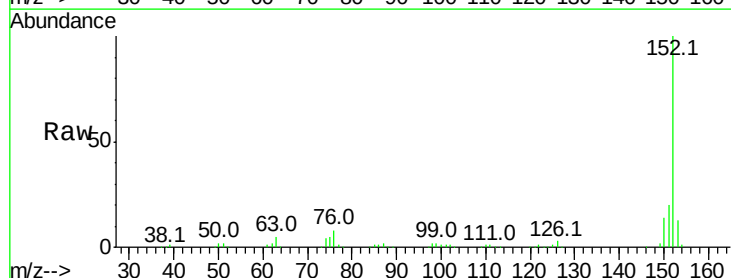
Instrument :
BNA_F
ClientSampled :

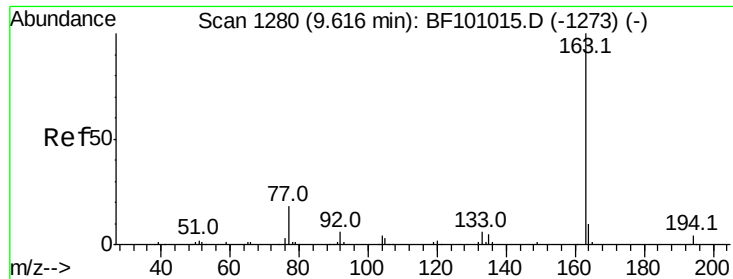
Tot Ion: 65 Resp: 66427
Ion Ratio Lower Upper
65 100
92 69.3 55.8 83.6
138 117.9 91.2 136.8



#48
Acenaphthylene
Concen: 39.805 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF101048.D
Acq: 1 Dec 2017 6:02

Tgt Ion: 152 Resp: 358429
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 12.6 10.7 16.1





#49

Dimethylphthalate

Concen: 42.133 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

Instrument :

BNA_F

ClientSampleId :

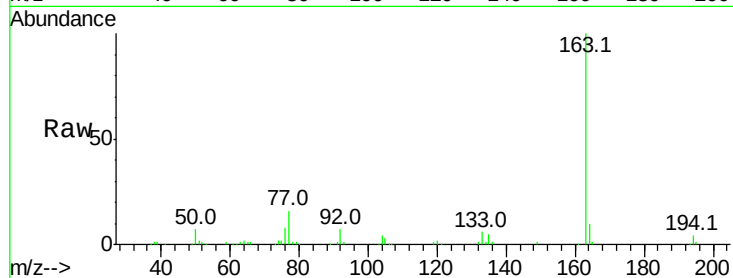
Tot Ion:163 Resp: 286140

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

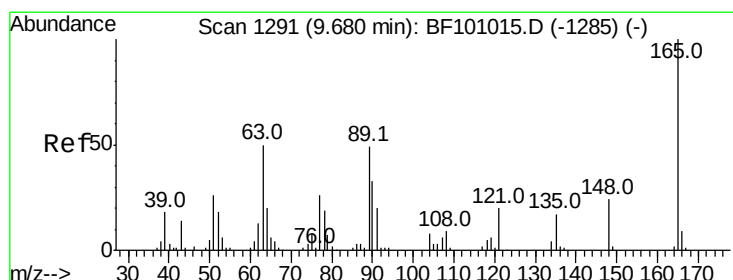
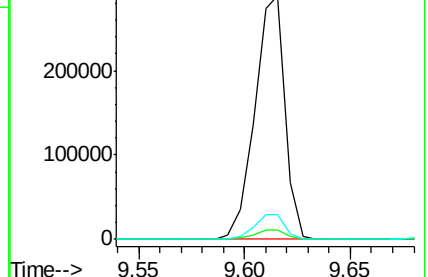
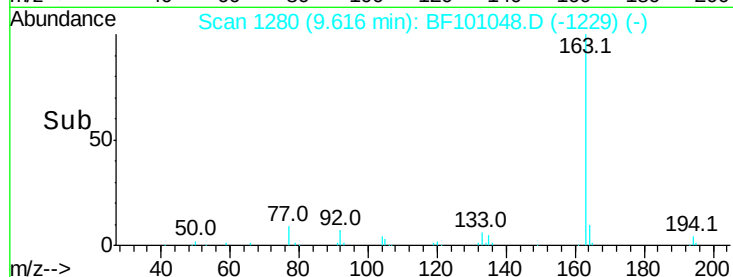
164 9.9 8.2 12.2



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: 38.367 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

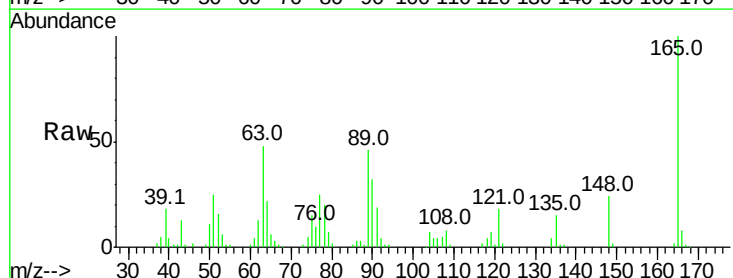
Tgt Ion:165 Resp: 54881

Ion Ratio Lower Upper

165 100

63 47.6 44.7 67.1

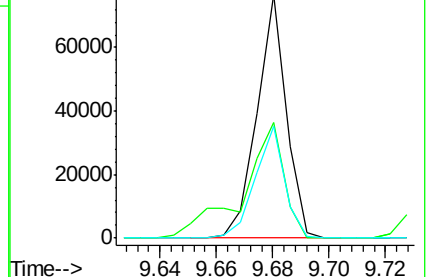
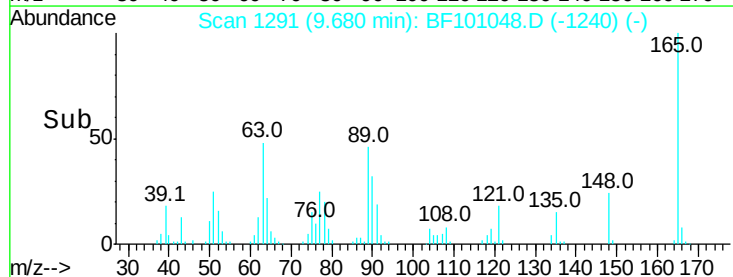
89 45.9 44.0 66.0

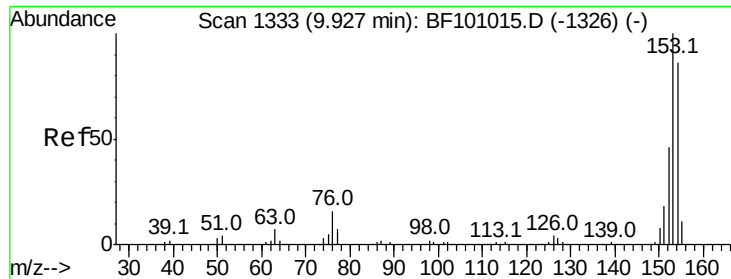


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 38.547 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

Instrument :

BNA_F

ClientSampleId :

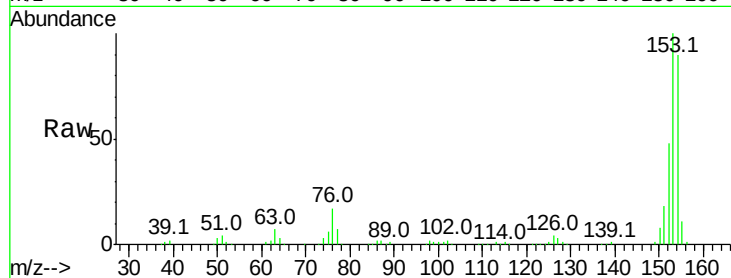
Tot Ion:154 Resp: 207839

Ion Ratio Lower Upper

154 100

153 111.3 91.2 136.8

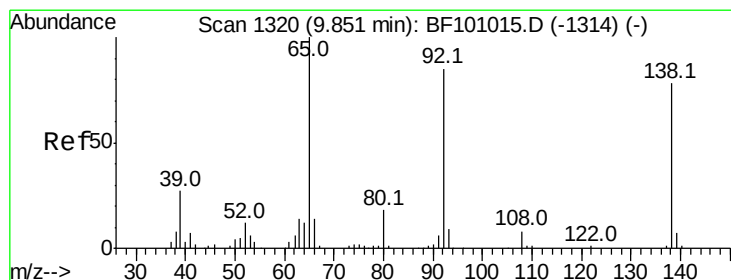
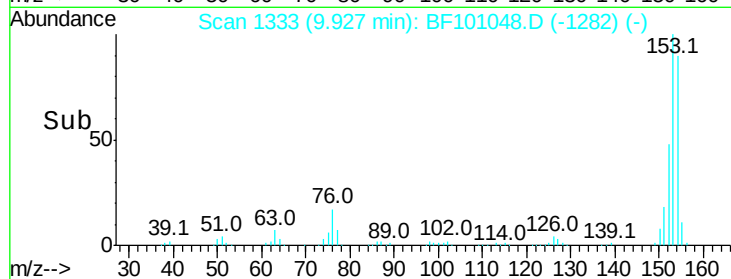
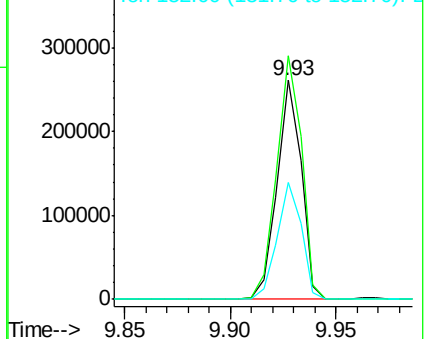
152 53.4 43.8 65.8



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: 38.202 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

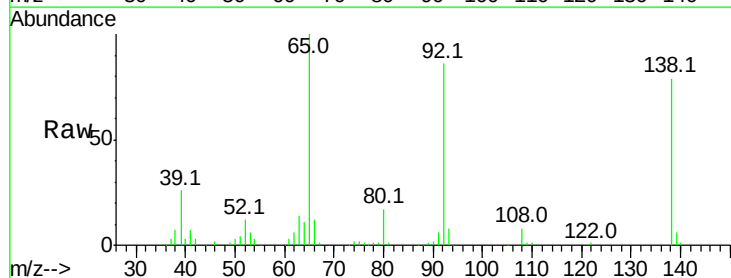
Tgt Ion:138 Resp: 61451

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

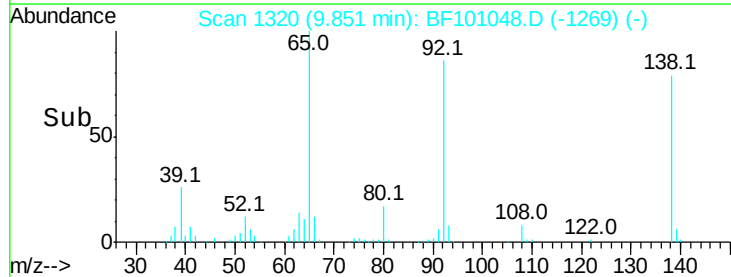
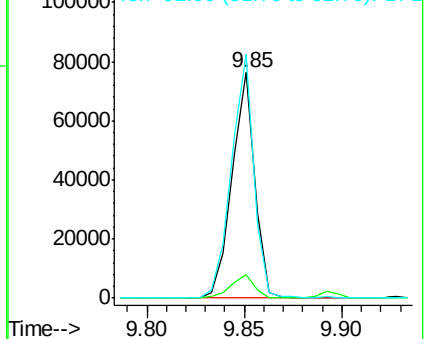
92 107.9 89.4 134.2

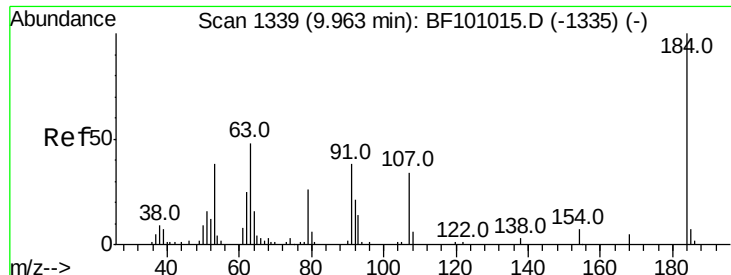


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

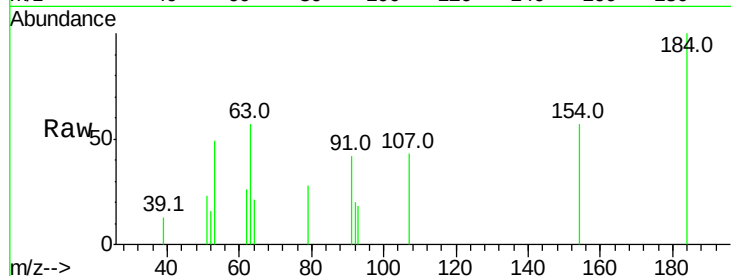




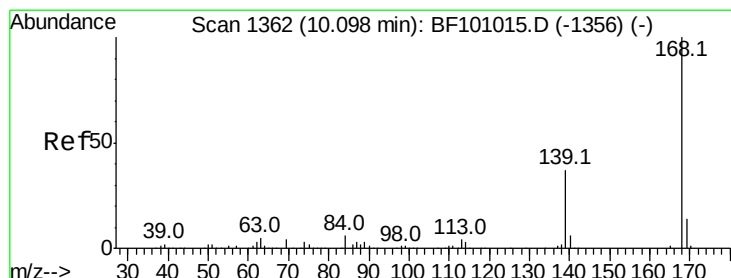
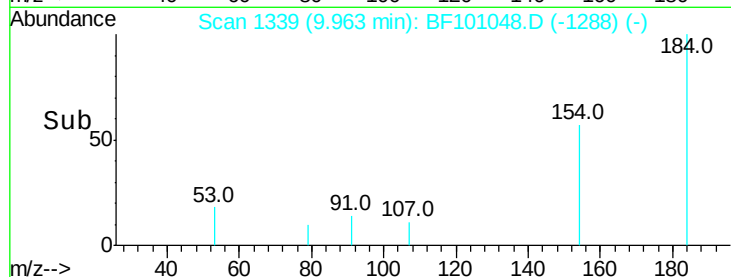
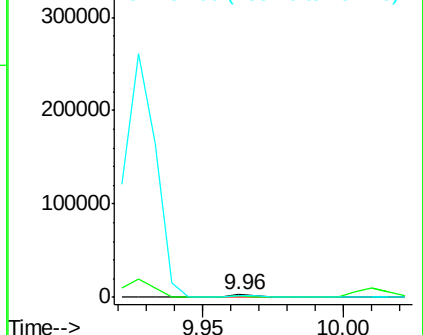
#53
 2,4-Dinitrophenol
 Concen: 8.333 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 2744
 Ion Ratio Lower Upper
 184 100
 63 57.2 54.2 81.2
 154 56.9 184.0 276.0#

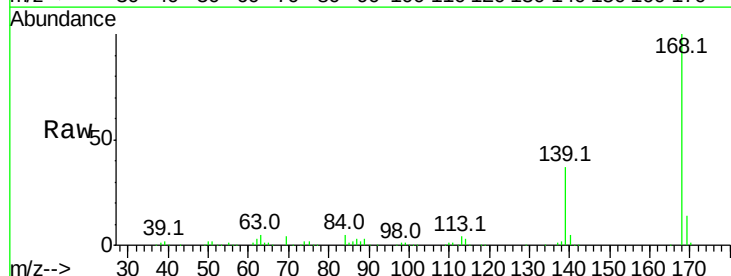


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

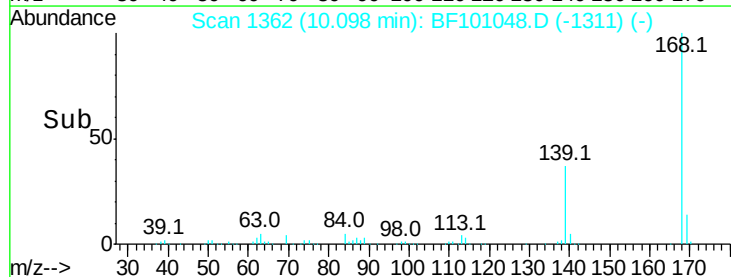
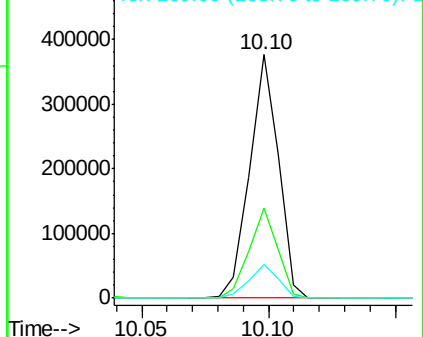


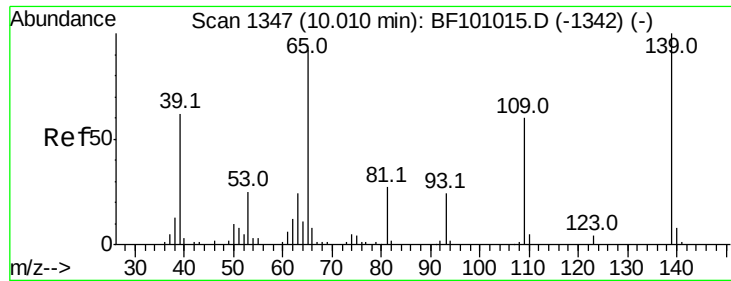
#54
 Dibenzofuran
 Concen: 38.282 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Tgt Ion:168 Resp: 297459
 Ion Ratio Lower Upper
 168 100
 139 36.8 30.1 45.1
 169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

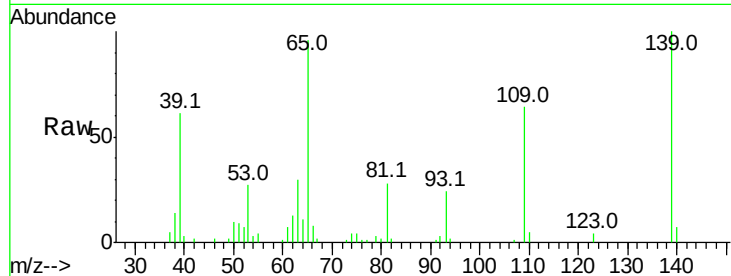




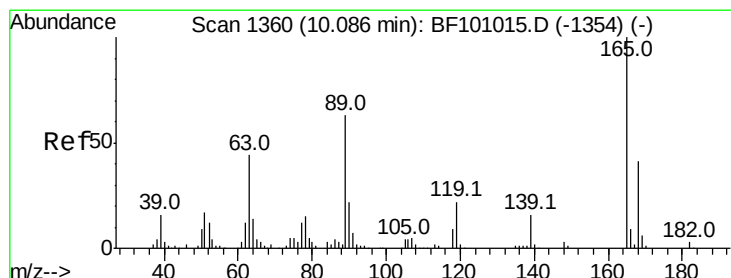
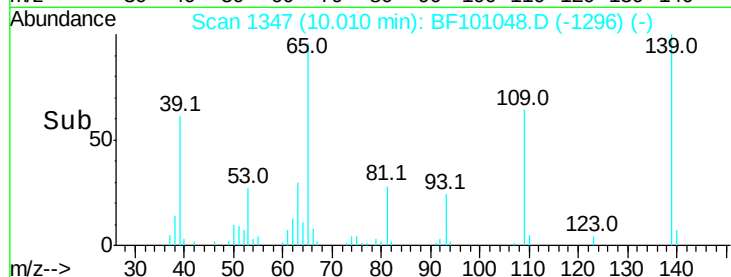
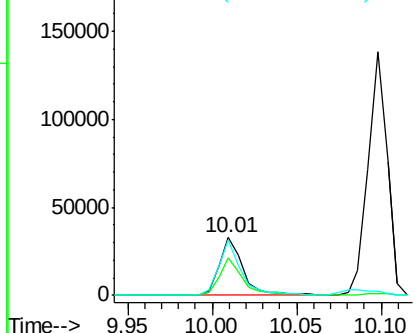
#55
4-Nitrophenol
Concen: 30.084 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF101048.D
Acq: 1 Dec 2017 6:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 32636
Ion Ratio Lower Upper
139 100
109 64.2 48.4 88.4
65 95.8 72.6 112.6

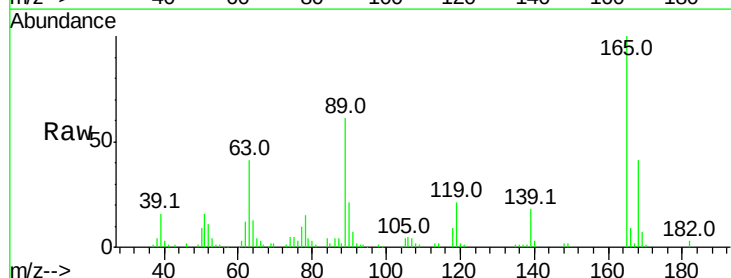


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

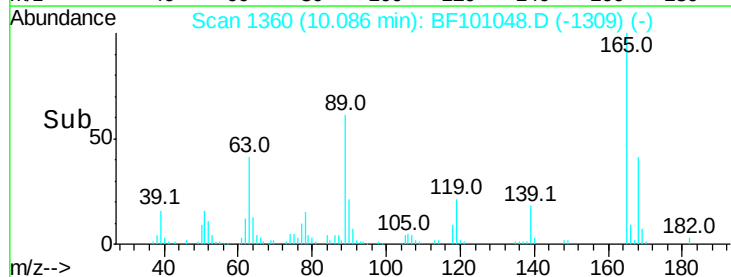
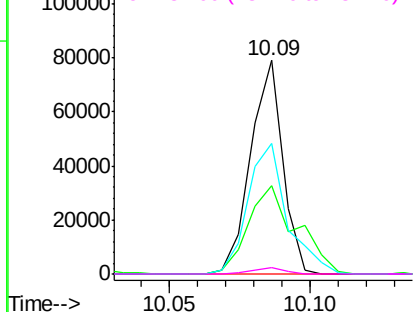


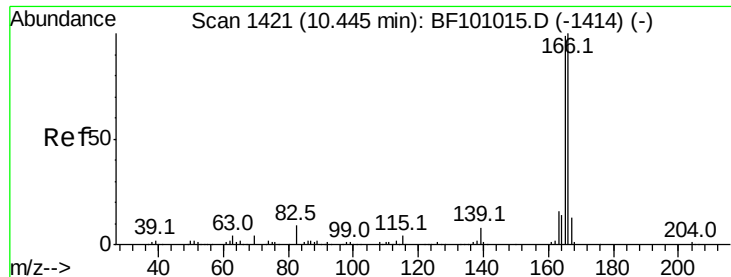
#56
2,4-Dinitrotoluene
Concen: 32.602 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF101048.D
Acq: 1 Dec 2017 6:02

Tgt Ion:165 Resp: 62497
Ion Ratio Lower Upper
165 100
63 41.4 36.4 54.6
89 61.4 57.8 86.6
182 3.0 1.6 2.4#



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

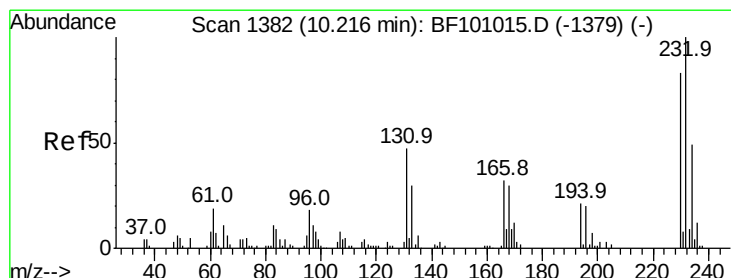
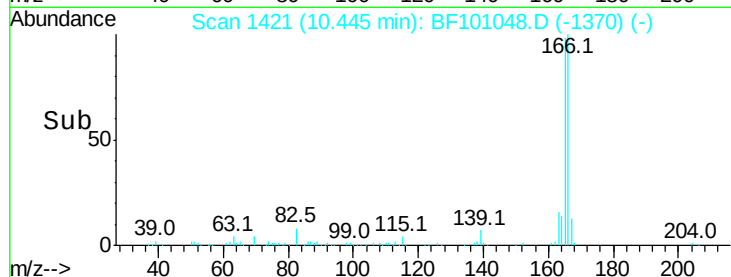
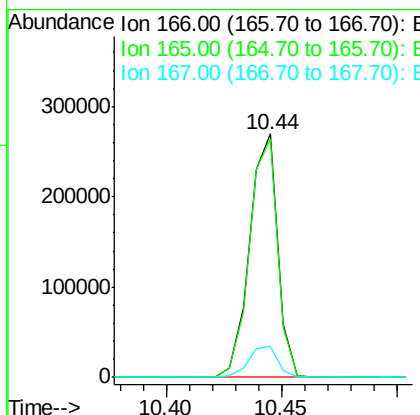
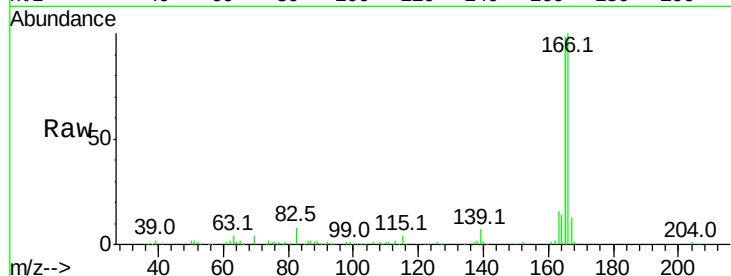




#57
 Fluorene
 Concen: 36.282 ng
 RT: 10.44 min Scan# 1421
 Delta R.T. -0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

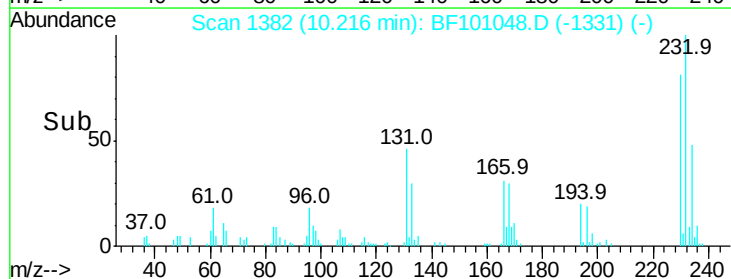
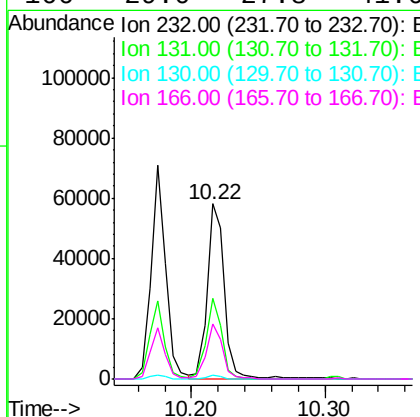
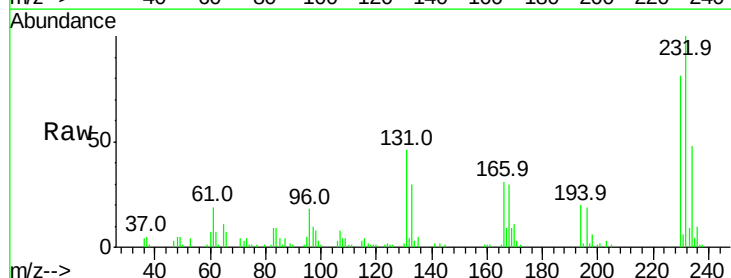
Instrument :
 BNA_F
 ClientSampleId :

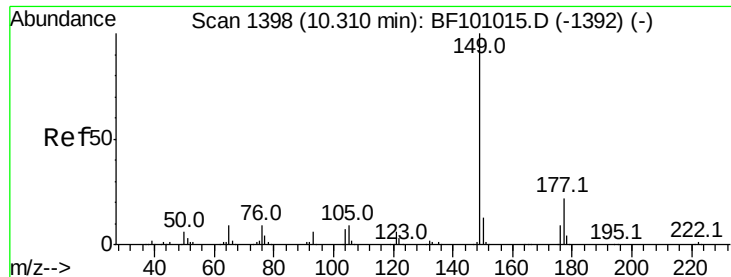
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.8	119.8
167	12.8	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.274 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.5	43.8	65.8#
130	1.6	2.1	3.1#
166	29.0	27.8	41.6

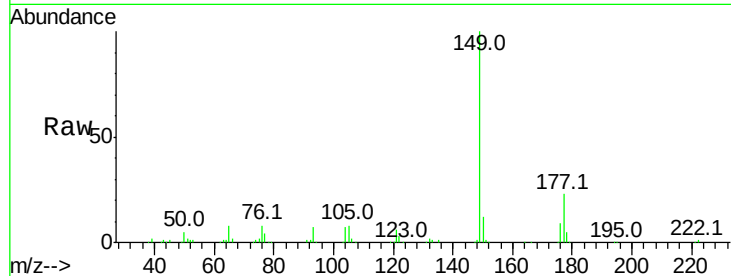




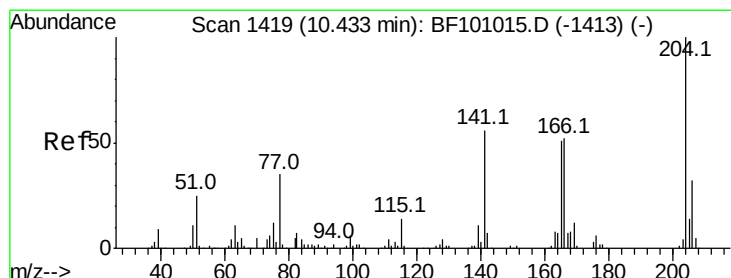
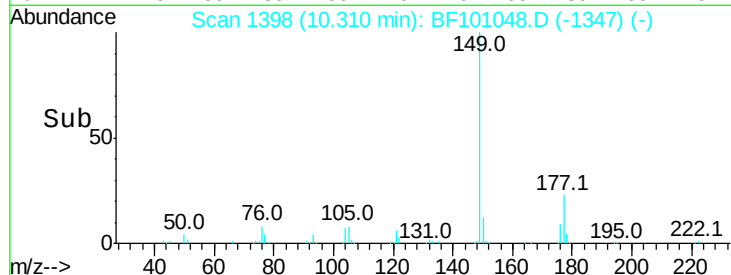
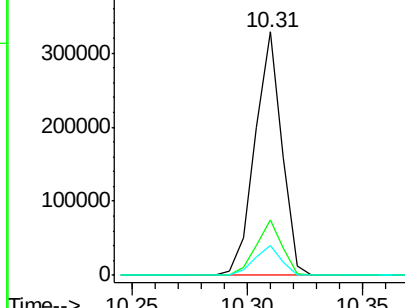
#59
Diethylphthalate
Concen: 39.862 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF101048.D
Acq: 1 Dec 2017 6:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 267021
Ion Ratio Lower Upper
149 100
177 22.7 16.1 24.1
150 12.2 10.1 15.1

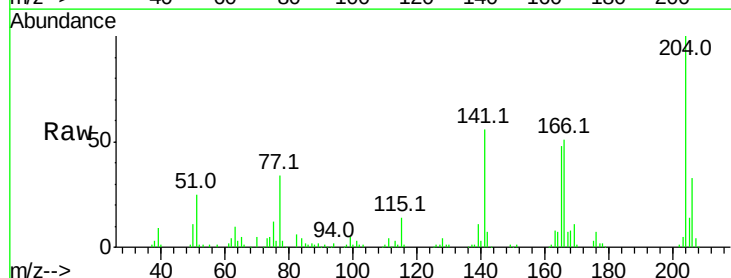


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

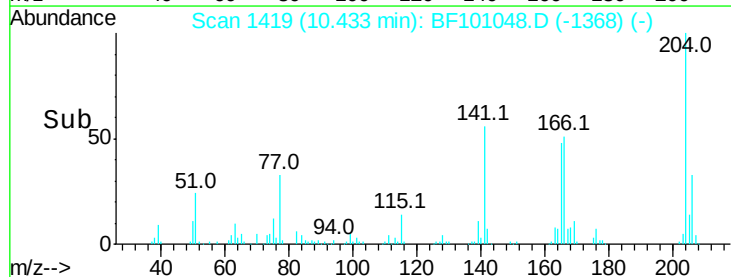
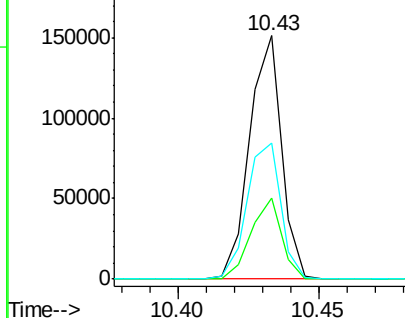


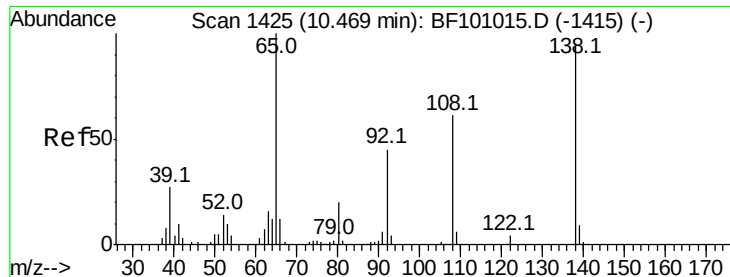
#60
4-Chlorophenyl-phenylether
Concen: 38.203 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF101048.D
Acq: 1 Dec 2017 6:02

Tgt Ion:204 Resp: 119144
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 56.1 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

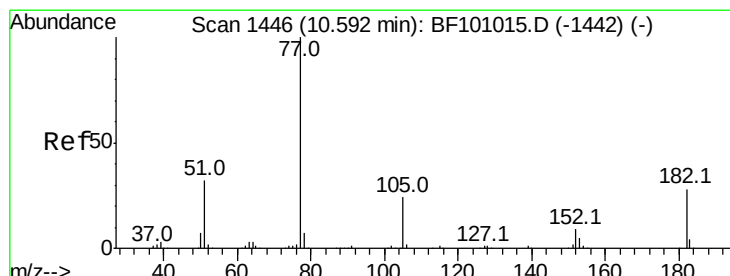
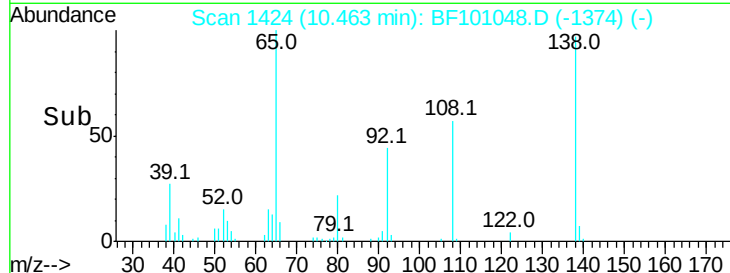
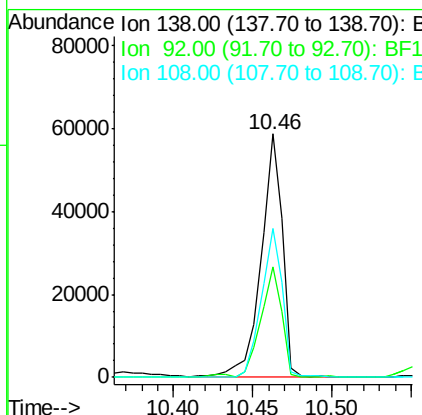
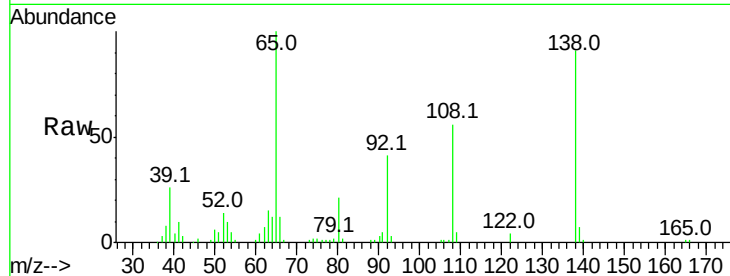




#61
4-Nitroaniline
Concen: 33.348 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF101048.D
Acq: 1 Dec 2017 6:02

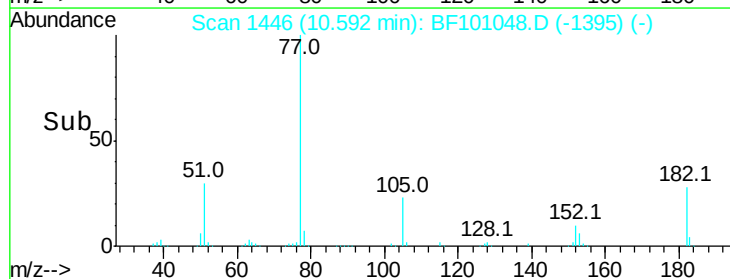
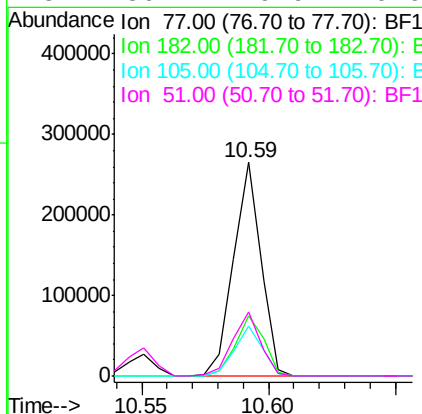
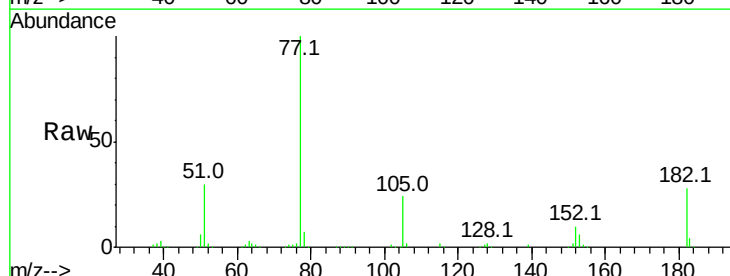
Instrument :
BNA_F
ClientSampleId :

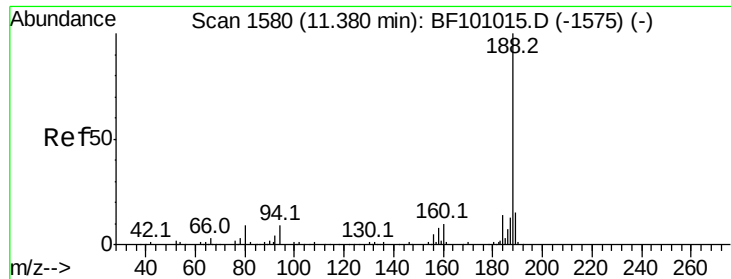
Tot Ion:138 Resp: 55684
Ion Ratio Lower Upper
138 100
92 45.2 30.2 70.2
108 61.2 52.5 92.5



#62
Azobenzene
Concen: 35.178 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF101048.D
Acq: 1 Dec 2017 6:02

Tgt Ion: 77 Resp: 199980
Ion Ratio Lower Upper
77 100
182 28.4 1.7 41.7
105 23.5 3.0 43.0
51 30.2 9.9 49.9

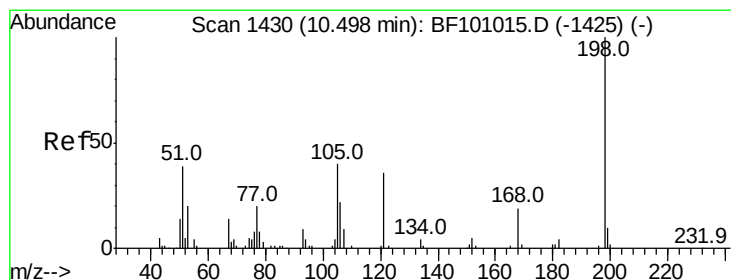
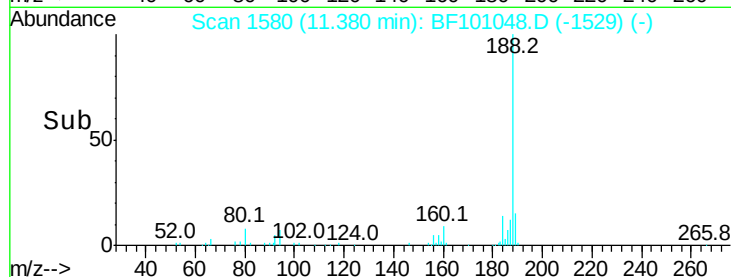
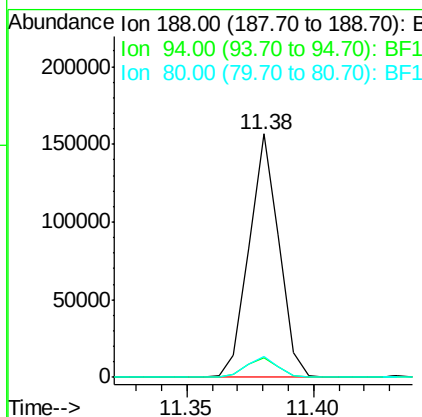
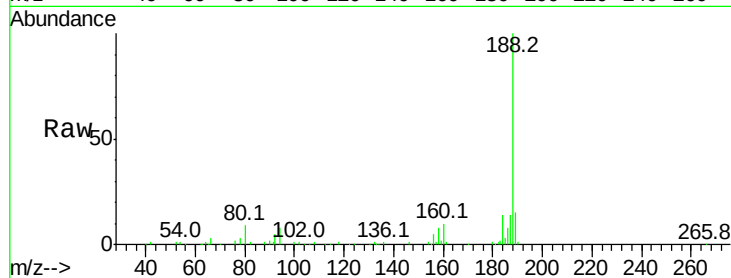




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

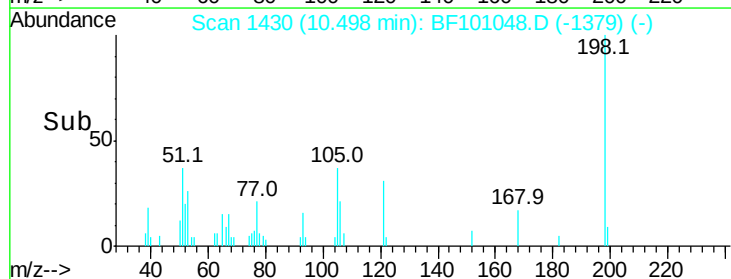
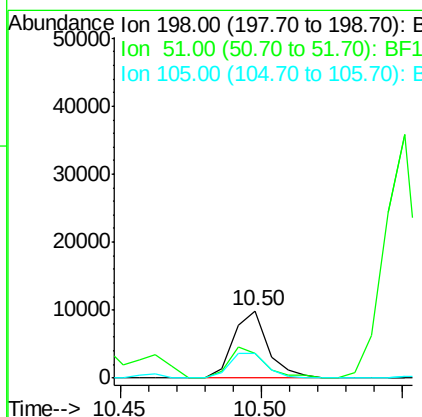
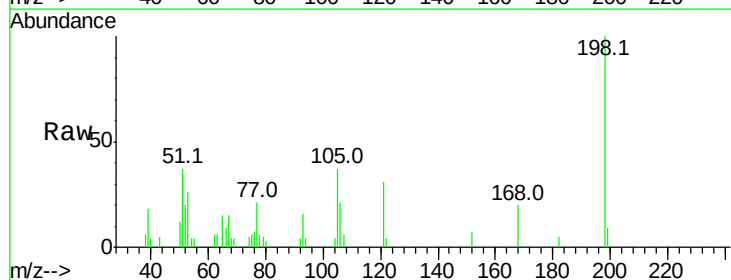
Instrument :
 BNA_F
 ClientSampled :

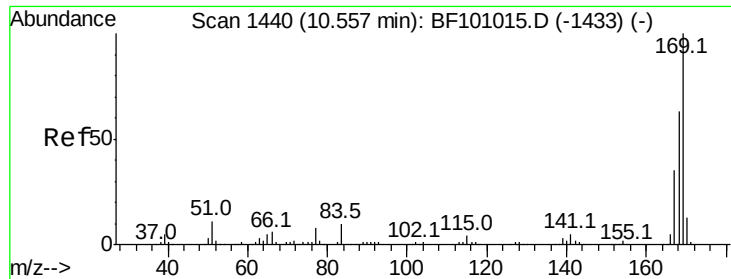
Tot Ion:188 Resp: 128281
 Ion Ratio Lower Upper
 188 100
 94 8.1 8.5 12.7#
 80 8.5 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.678 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Tgt Ion:198 Resp: 8327
 Ion Ratio Lower Upper
 198 100
 51 37.3 37.7 77.7#
 105 36.5 36.3 76.3

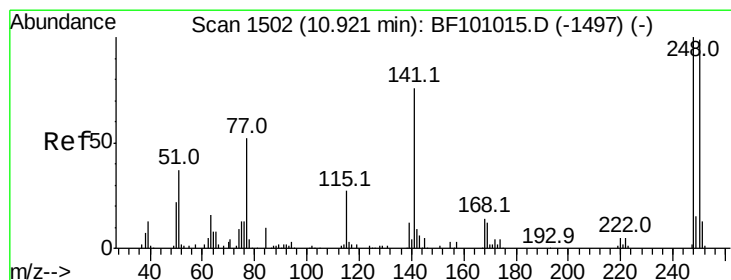
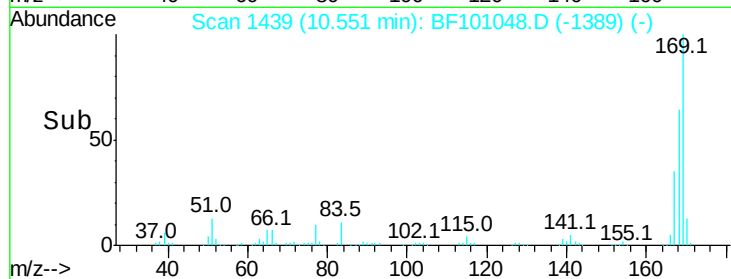
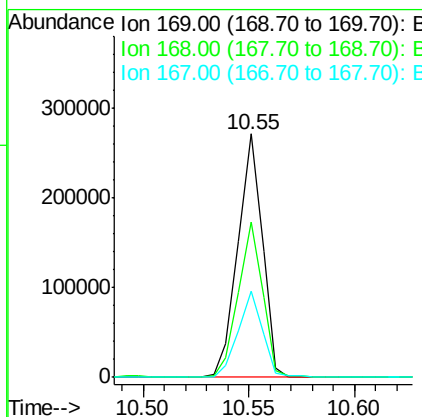
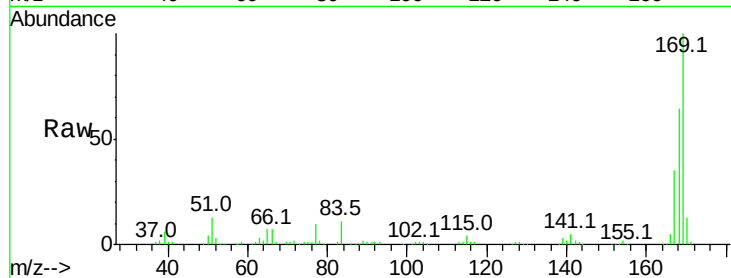




#65
 n-Nitrosodiphenylamine
 Concen: 48.127 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

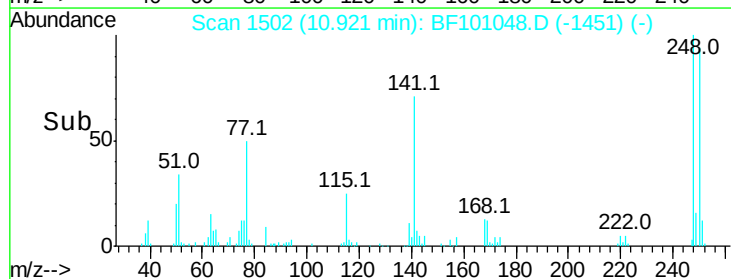
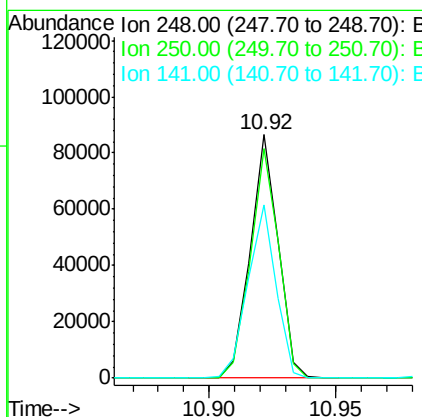
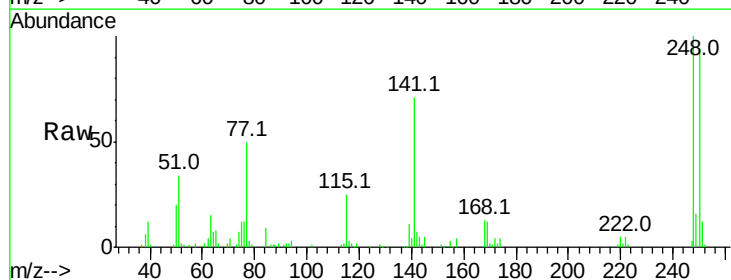
Instrument :
 BNA_F
 ClientSampleId :

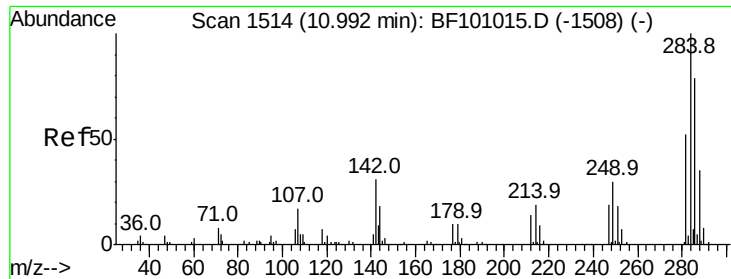
Tot Ion:169 Resp: 217804
 Ion Ratio Lower Upper
 169 100
 168 63.9 54.4 81.6
 167 35.2 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 46.186 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Tgt Ion:248 Resp: 66318
 Ion Ratio Lower Upper
 248 100
 250 94.5 76.9 115.3
 141 71.2 74.4 111.6#

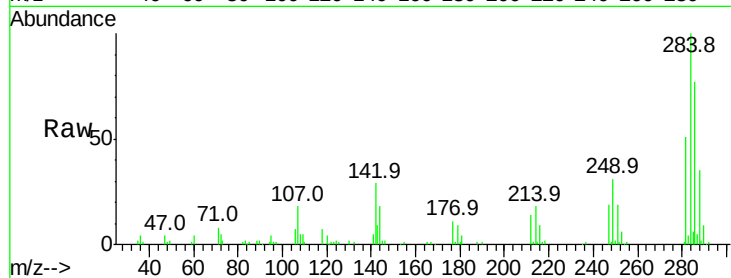




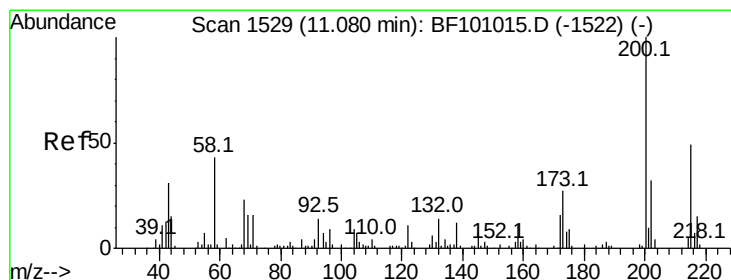
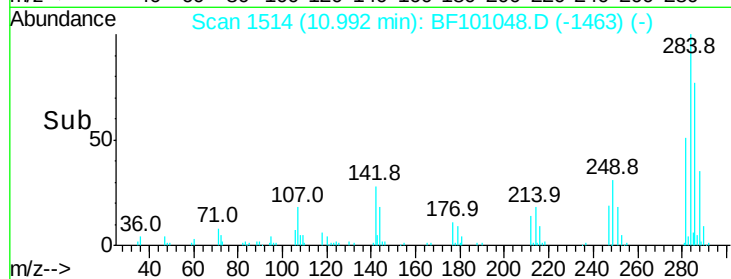
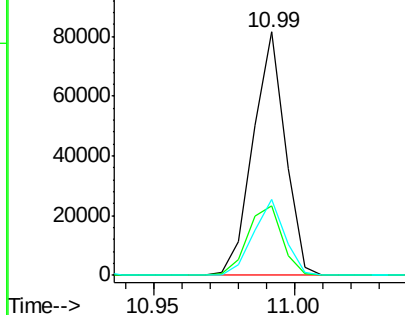
#67
Hexachlorobenzene
Concen: 41.909 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF101048.D
Acq: 1 Dec 2017 6:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 64494
Ion Ratio Lower Upper
284 100
142 28.8 34.6 52.0#
249 31.0 24.8 37.2

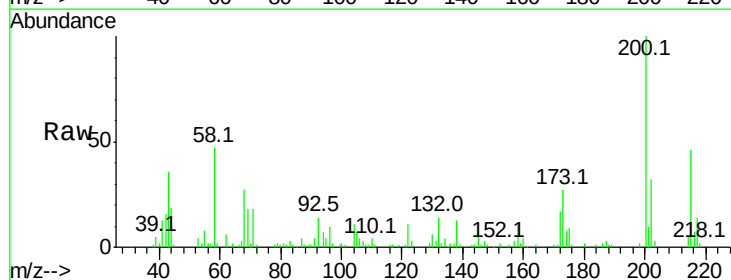


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

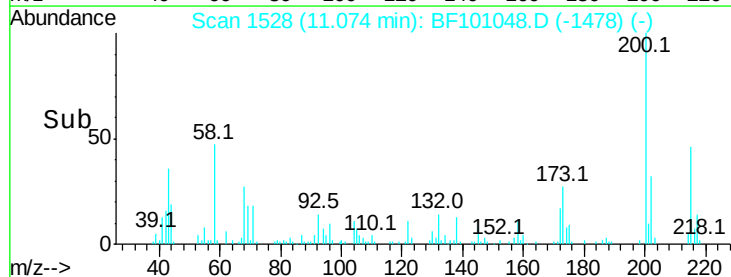
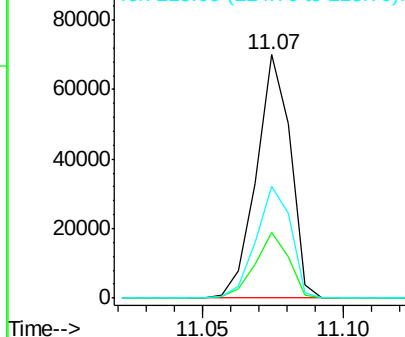


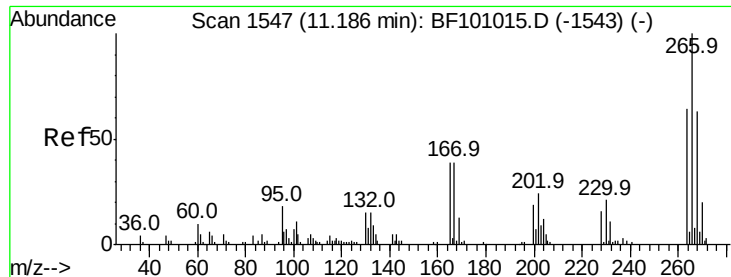
#68
Atrazine
Concen: 42.135 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF101048.D
Acq: 1 Dec 2017 6:02

Tgt Ion:200 Resp: 58493
Ion Ratio Lower Upper
200 100
173 27.1 8.6 48.6
215 45.8 25.1 65.1



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

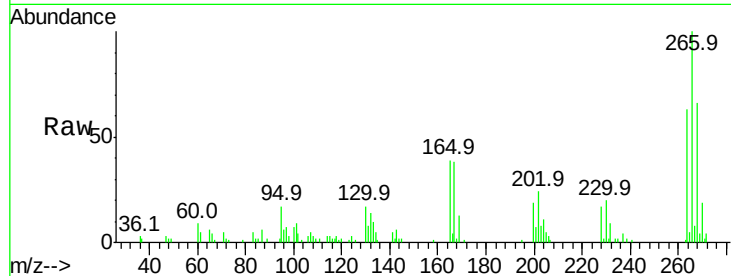




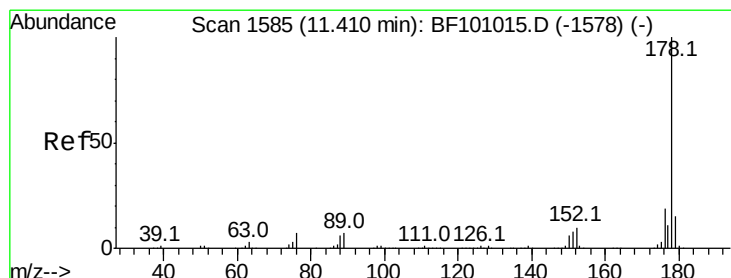
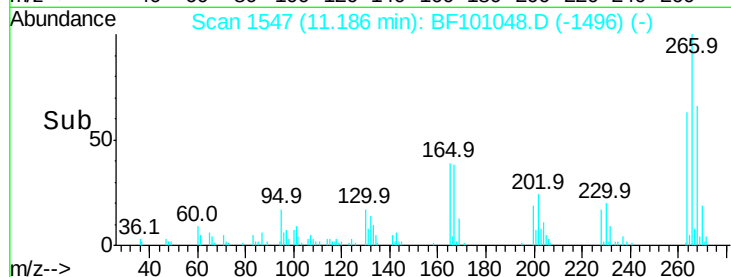
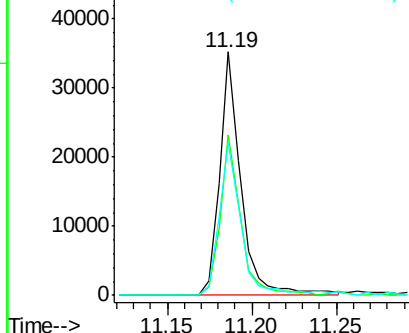
#69
 Pentachlorophenol
 Concen: 36.783 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 31124
 Ion Ratio Lower Upper
 266 100
 268 66.0 51.1 76.7
 264 62.9 49.5 74.3

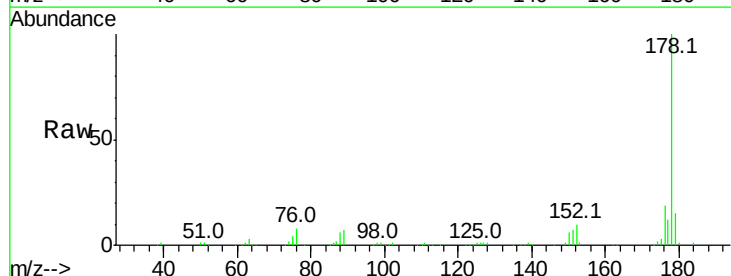


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

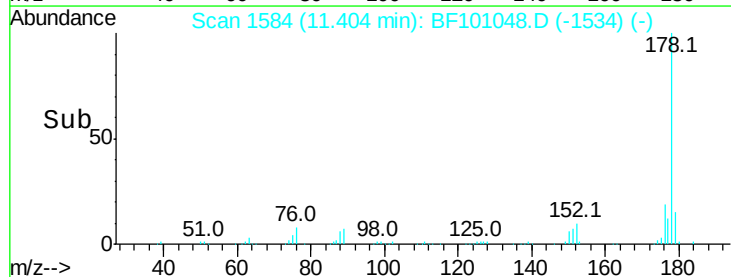
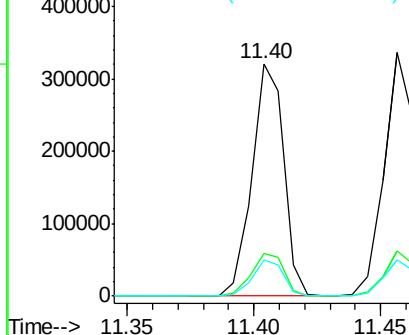


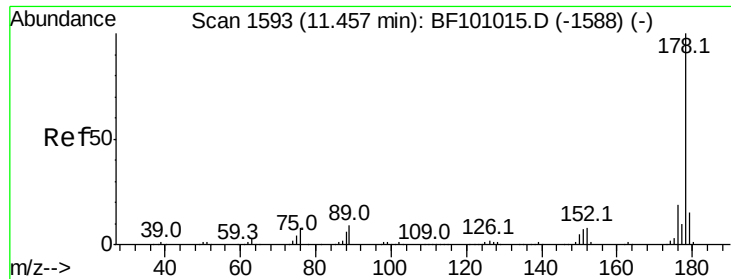
#70
 Phenanthrene
 Concen: 39.712 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Tgt Ion:178 Resp: 280542
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.5 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

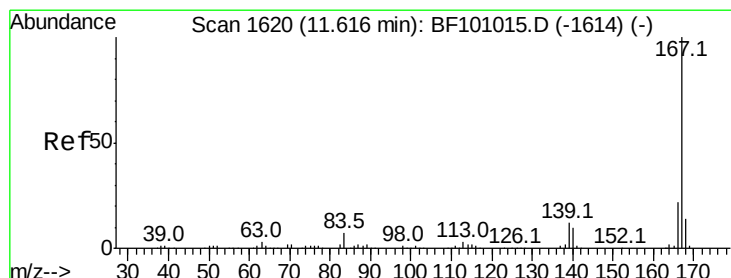
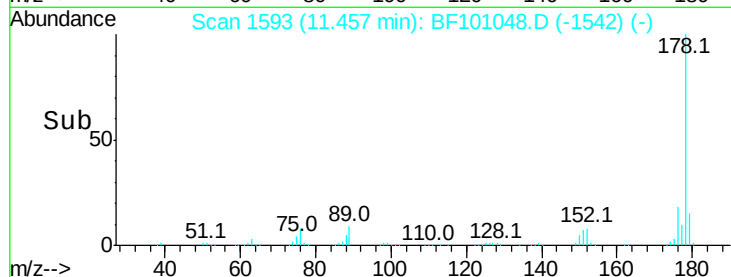
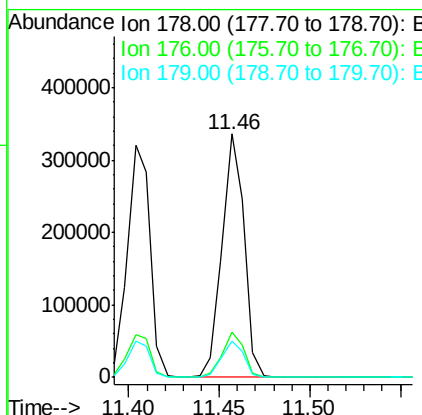
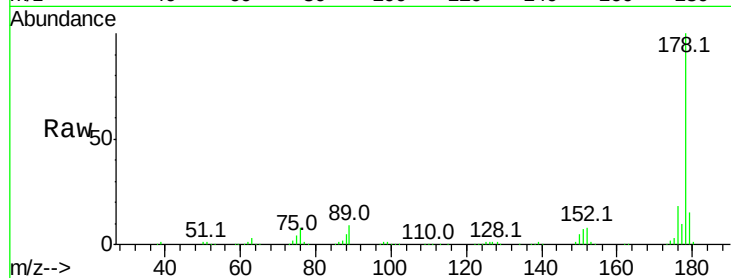




#71
 Anthracene
 Concen: 39.920 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

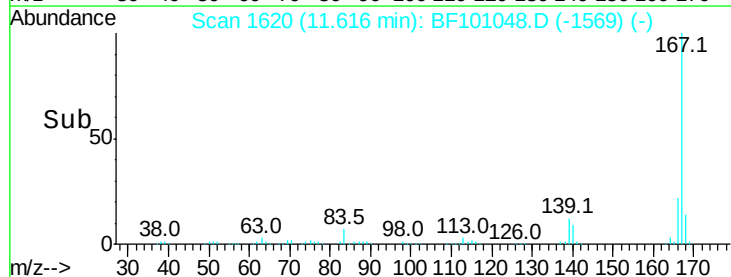
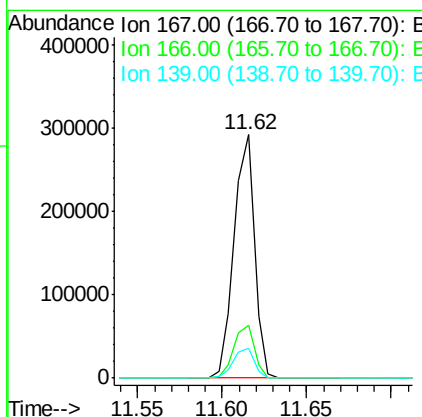
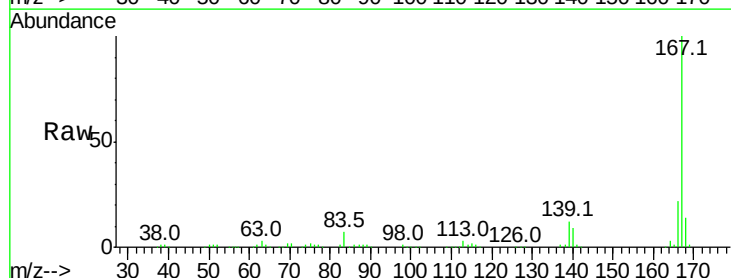
Instrument :
 BNA_F
 ClientSampleId :

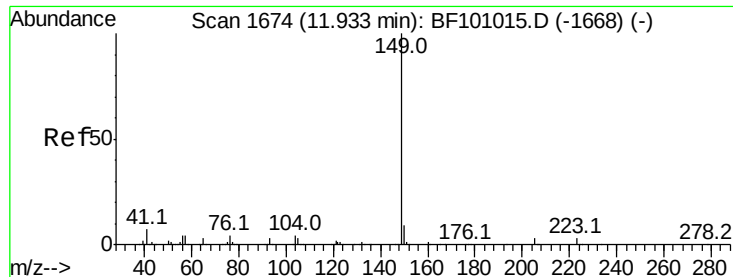
Tot Ion:178 Resp: 285416
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 37.757 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Tgt Ion:167 Resp: 246651
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 12.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.172 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

Instrument :

BNA_F

ClientSampleId :

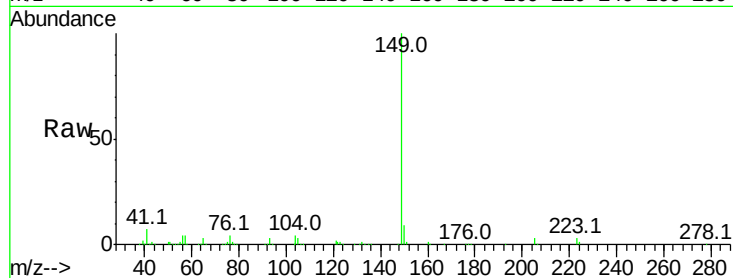
Tot Ion:149 Resp: 337111

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

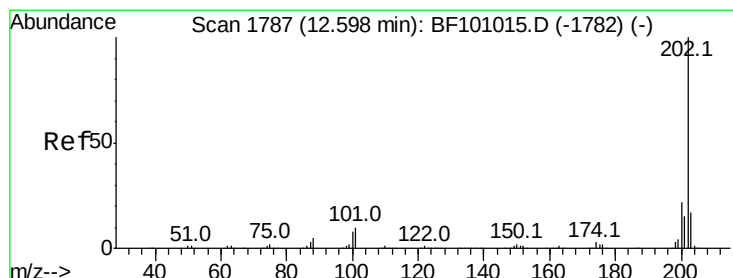
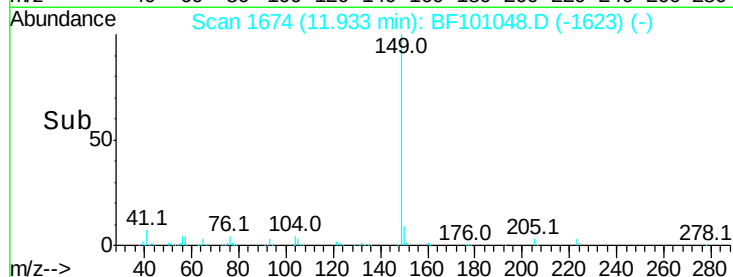
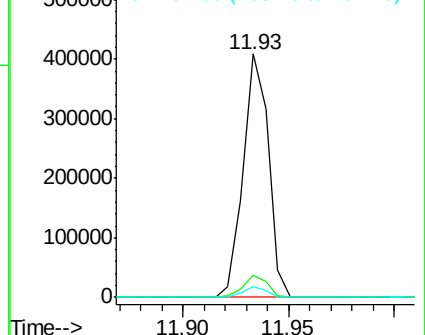
104 4.3 3.8 5.8



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: 37.066 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

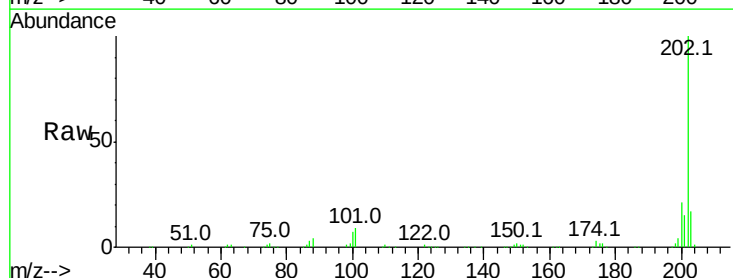
Tgt Ion:202 Resp: 290257

Ion Ratio Lower Upper

202 100

101 9.2 0.0 34.1

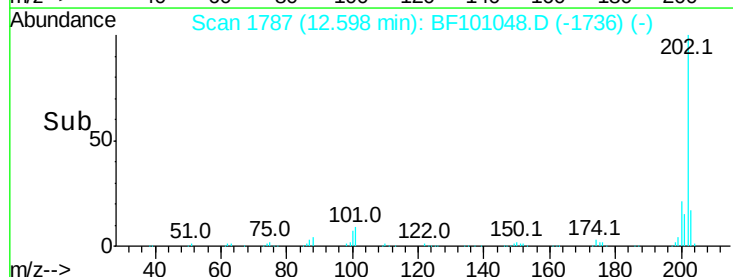
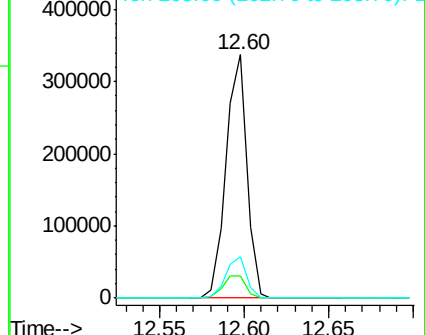
203 16.9 0.0 38.1

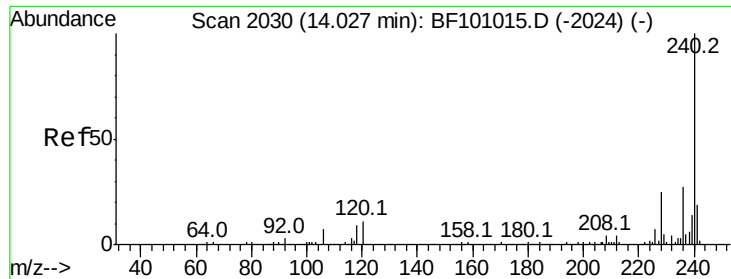


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

Instrument :

BNA_F

ClientSampleId :

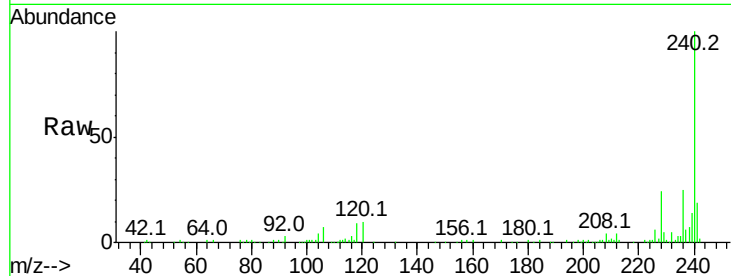
Tot Ion:240 Resp: 115102

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

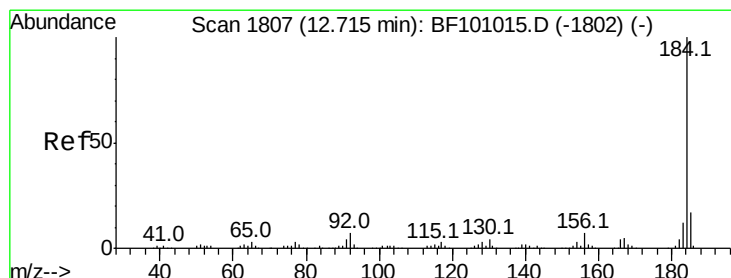
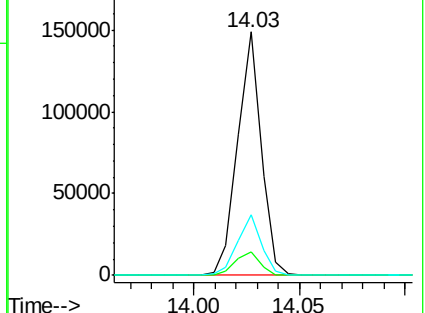
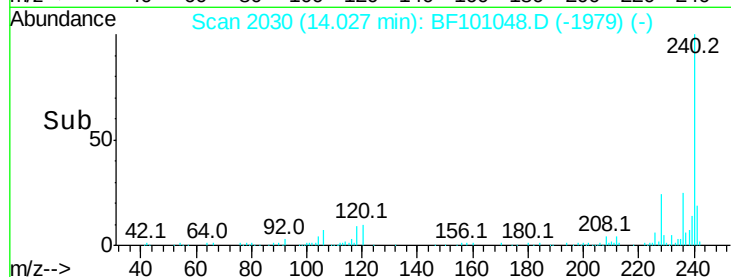
236 24.8 20.7 31.1



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: 40.974 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

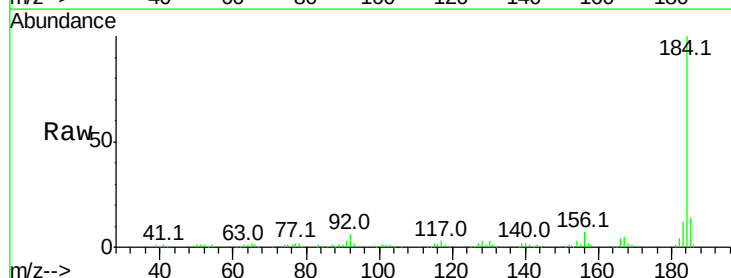
Tgt Ion:184 Resp: 153361

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

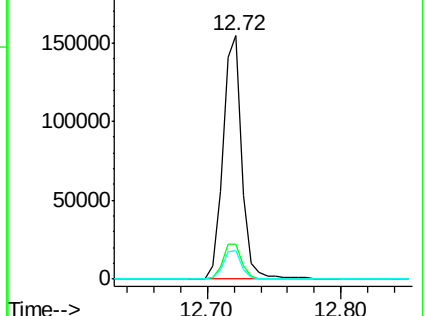
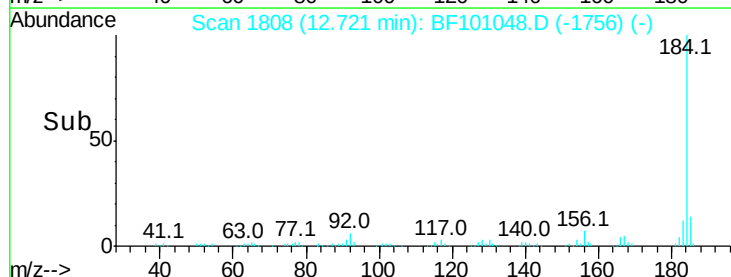
183 11.8 9.3 13.9

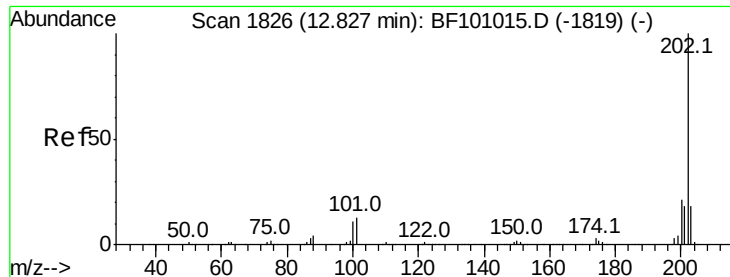


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

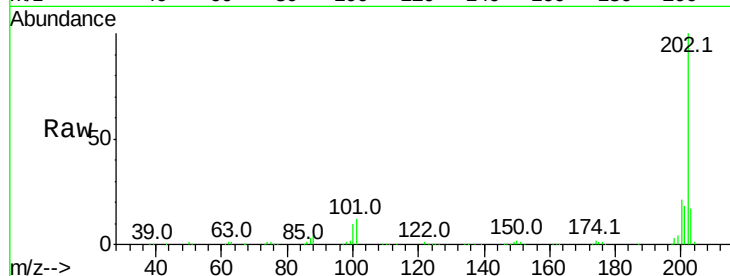




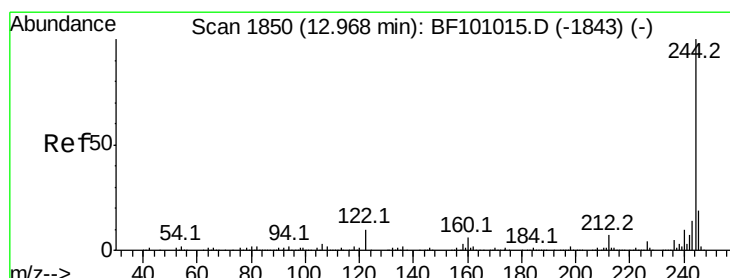
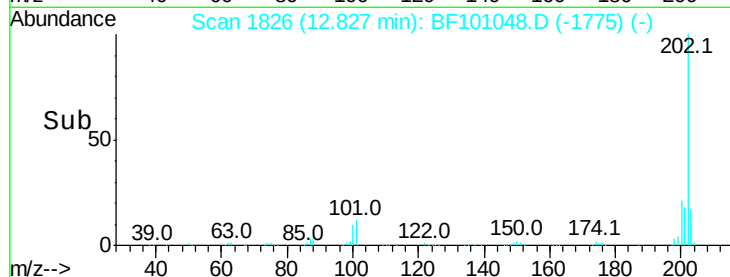
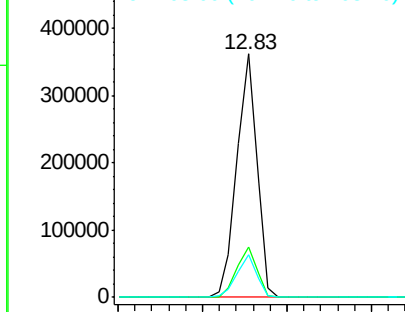
#77
 Pvrene
 Concen: 37.784 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.3	14.3	21.5

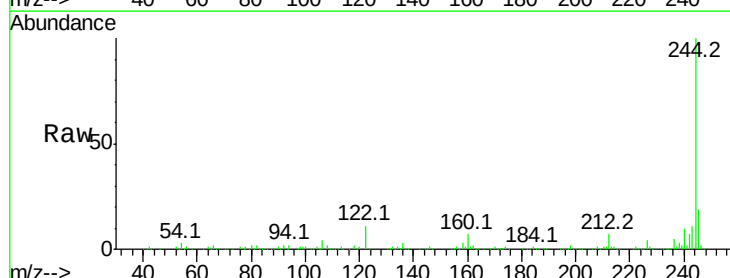


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

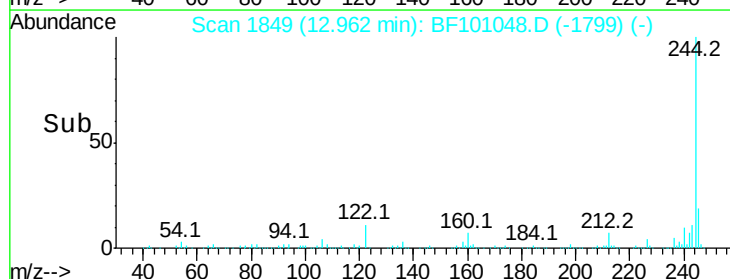
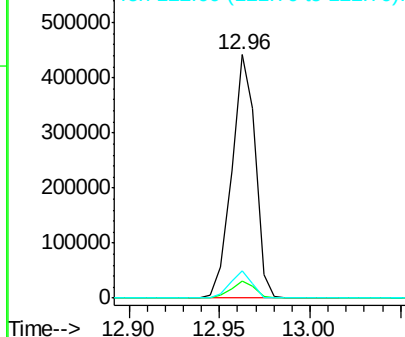


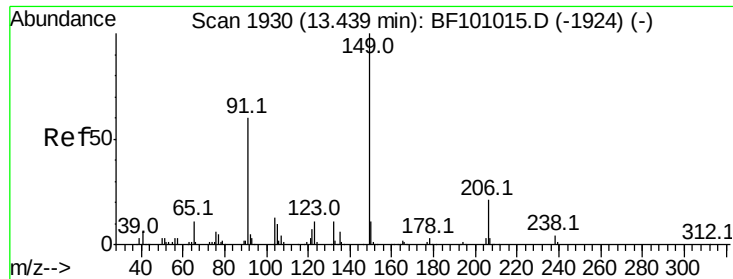
#78
 Terphenyl-d14
 Concen: 75.825 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.4	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

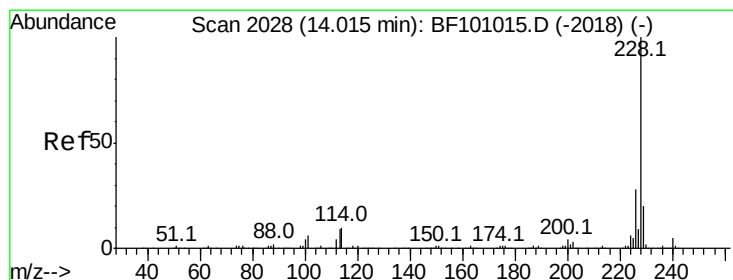
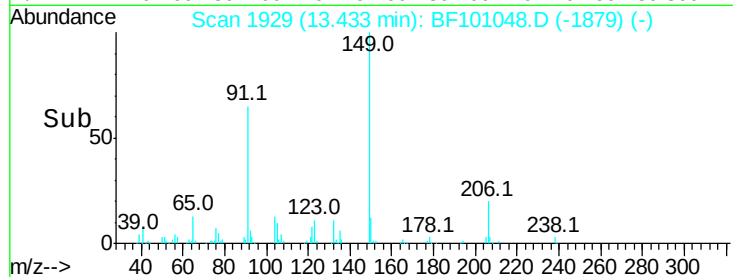
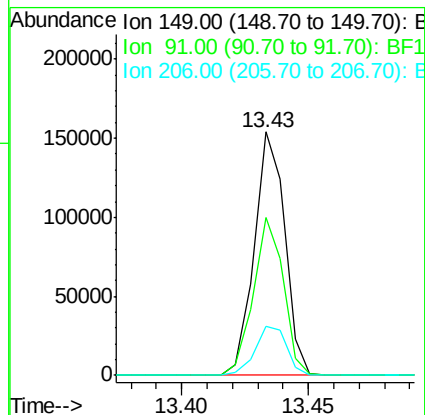
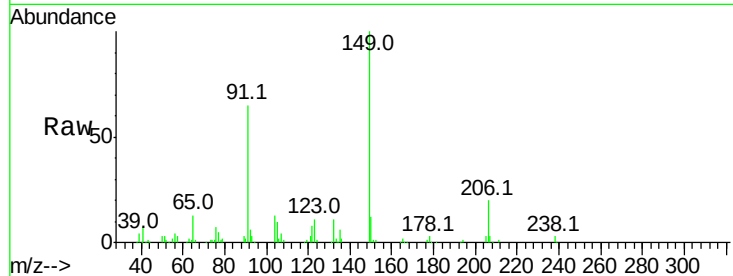




#79
 Butylbenzylphthalate
 Concen: 37.089 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

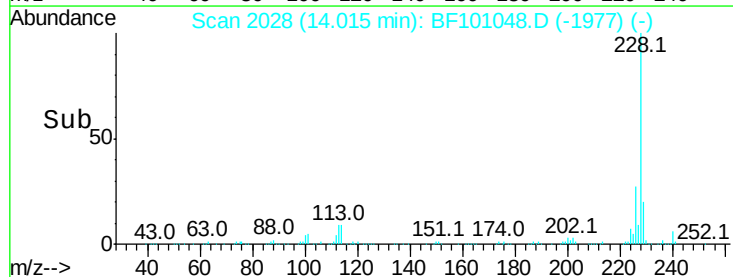
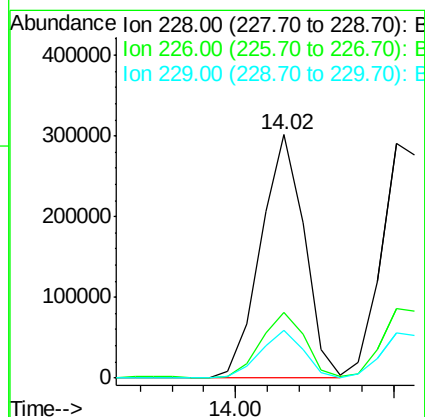
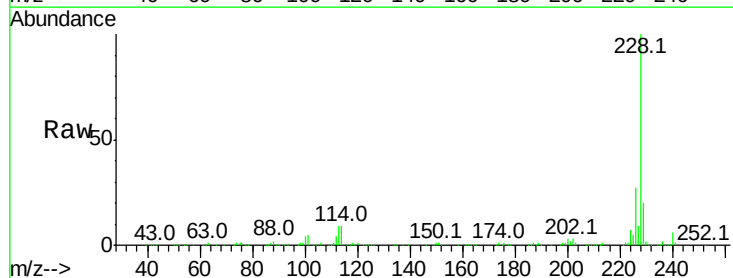
Instrument :
 BNA_F
 ClientSampleId :

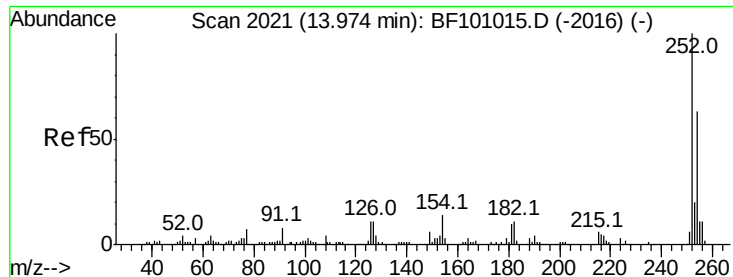
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.8	56.8	85.2
206	20.2	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 39.697 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	19.6	15.8	23.6

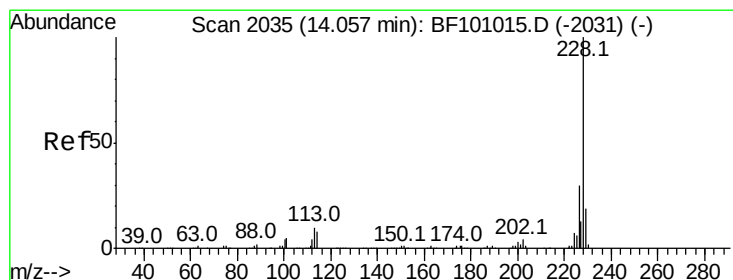
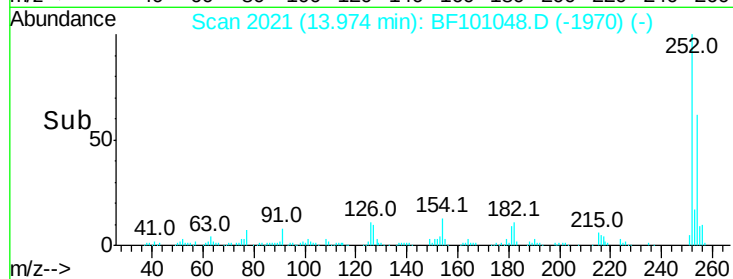
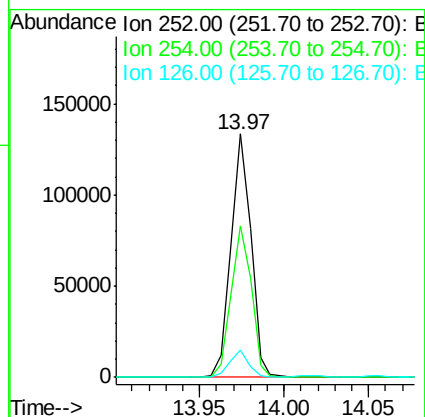
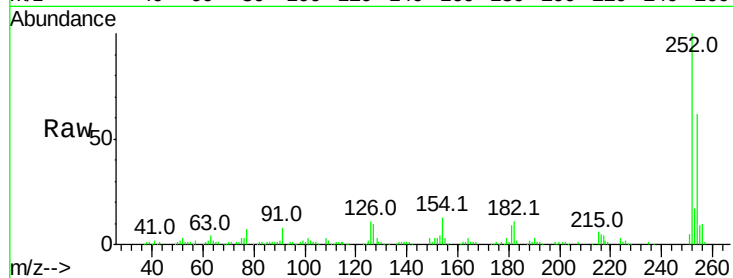




#81
 3,3'-Dichlorobenzidine
 Concen: 43.449 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

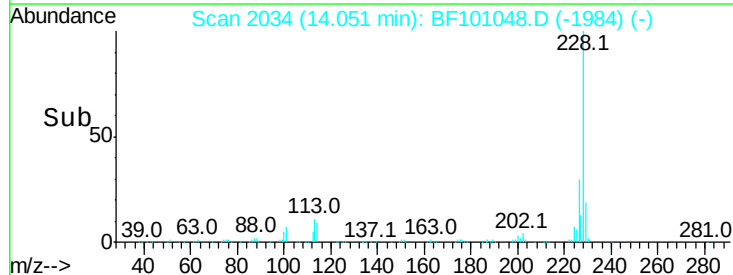
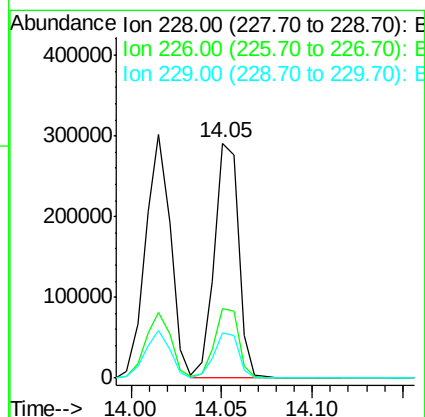
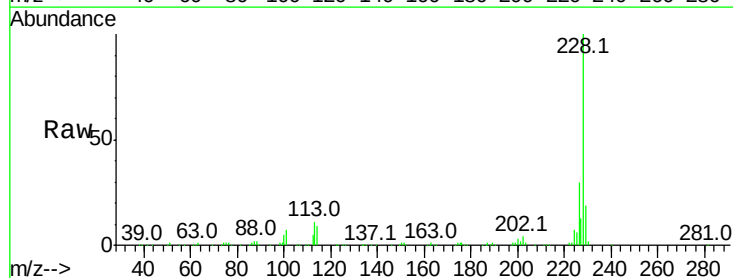
Instrument :
 BNA_F
 ClientSampleId :

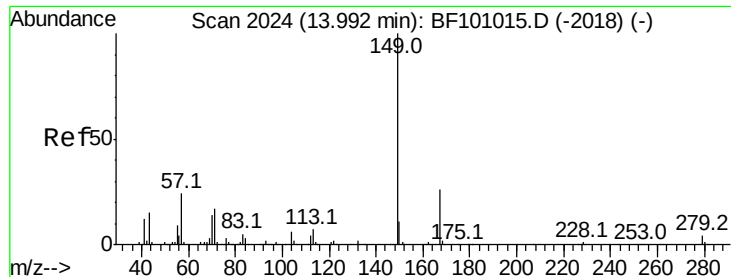
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.3	50.4	75.6
126	11.0	11.3	16.9#



#82
 Chrysene
 Concen: 40.132 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	19.4	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.298 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

Instrument :

BNA_F

ClientSampleId :

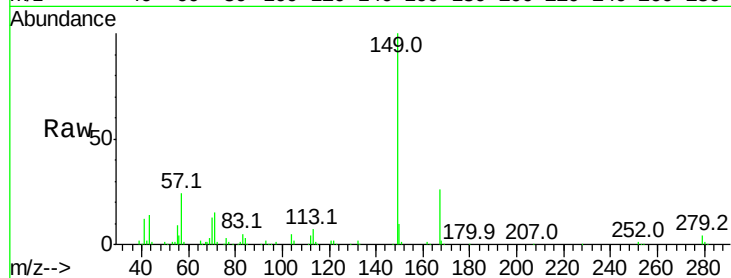
Tot Ion:149 Resp: 186227

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

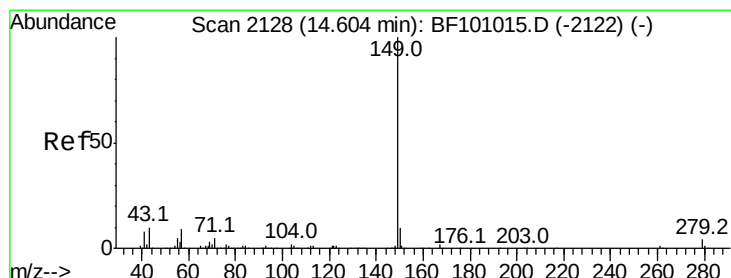
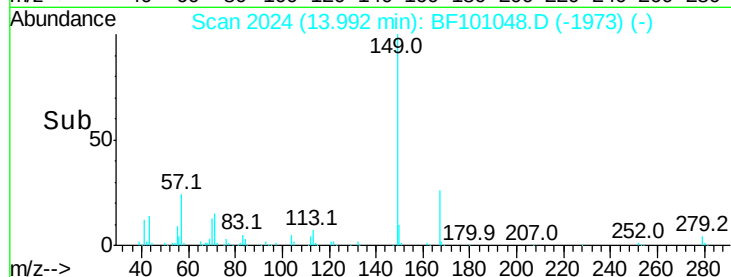
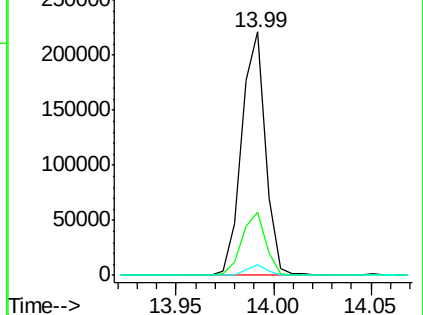
279 4.1 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.788 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

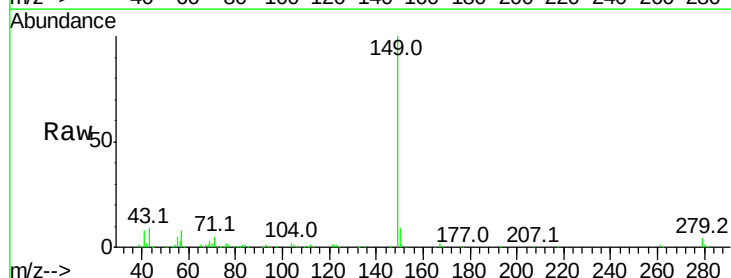
Tgt Ion:149 Resp: 330768

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

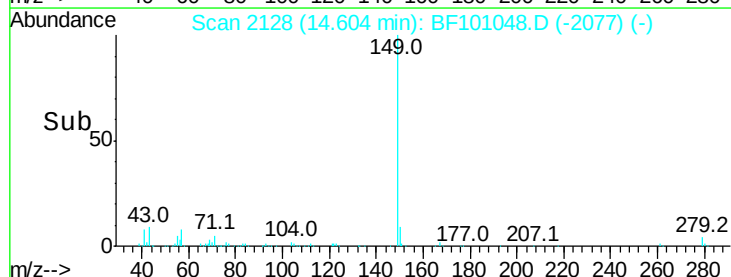
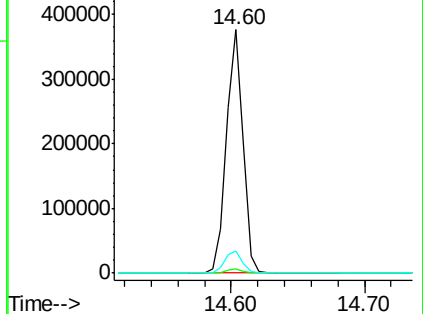
43 9.5 8.4 12.6

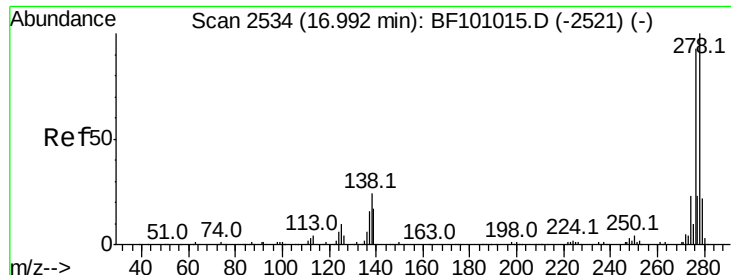


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

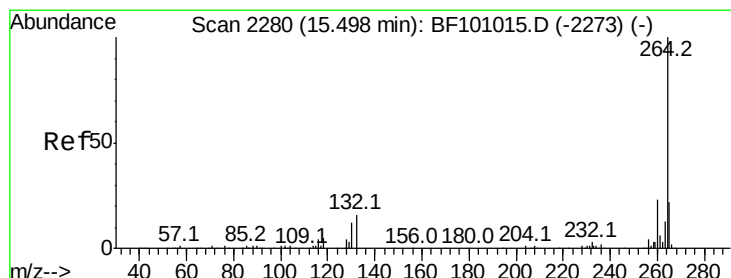
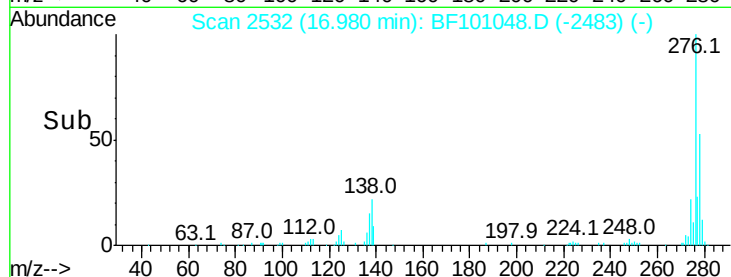
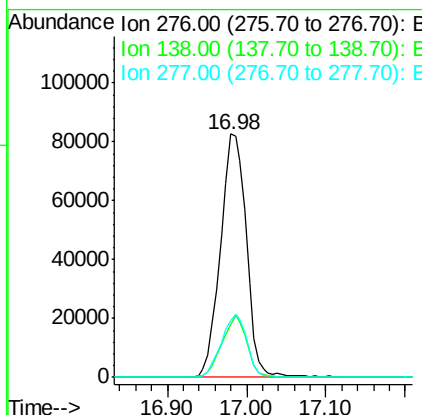
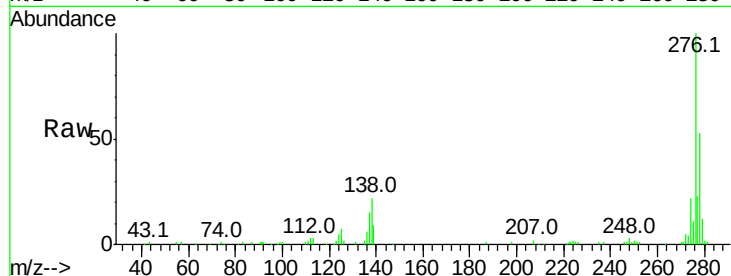




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.116 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. -0.01 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

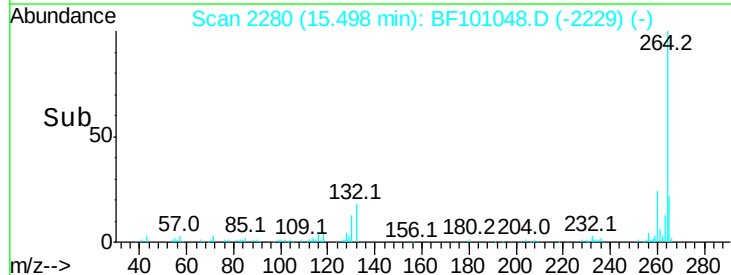
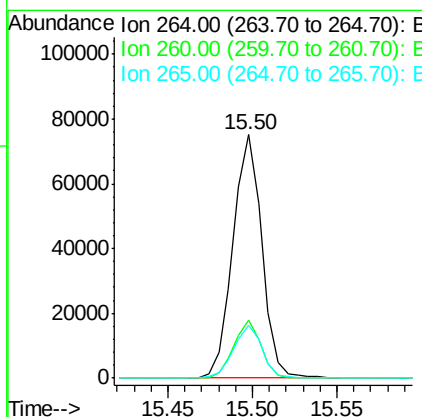
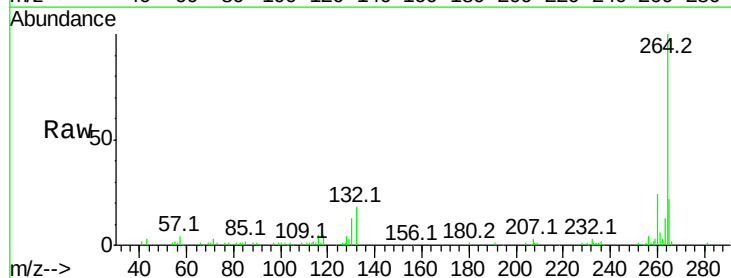
Instrument :
 BNA_F
 ClientSampled :

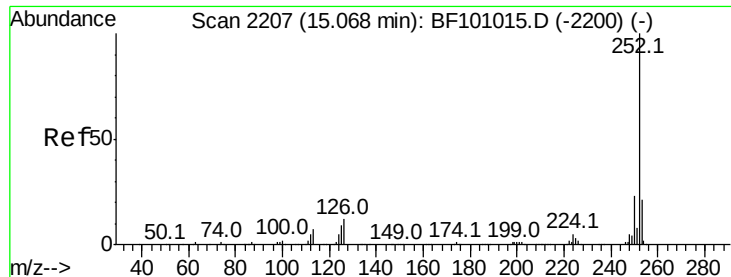
Tot Ion:276 Resp: 186710
 Ion Ratio Lower Upper
 276 100
 138 24.1 25.0 37.6#
 277 25.5 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Tgt Ion:264 Resp: 89300
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.7 17.5 26.3

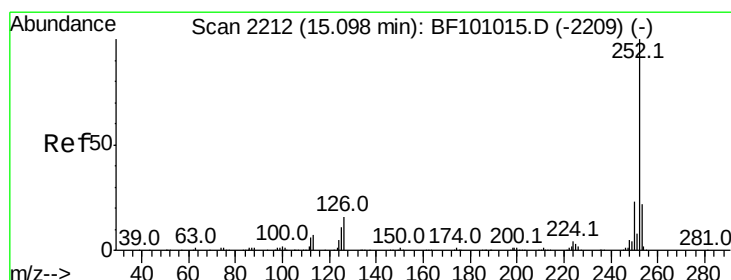
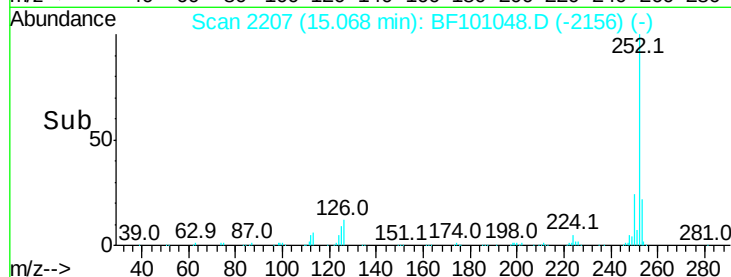
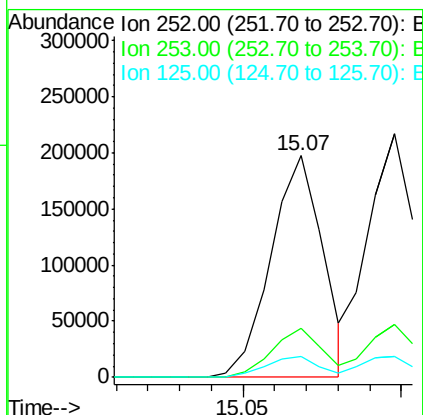
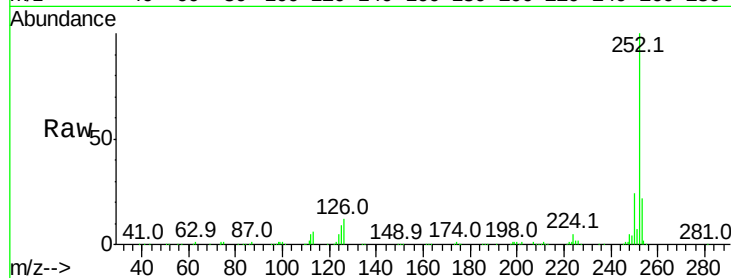




#87
Benzo(b)fluoranthene
Concen: 42.083 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BF101048.D
Acq: 1 Dec 2017 6:02

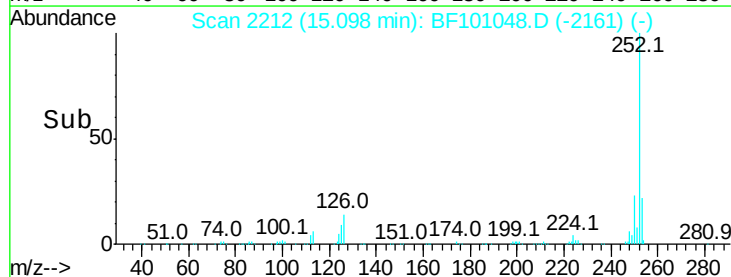
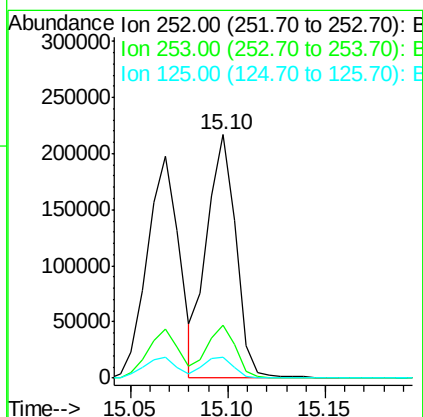
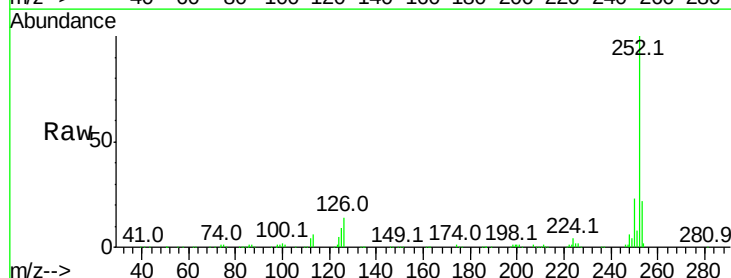
Instrument :
BNA_F
ClientSampleId :

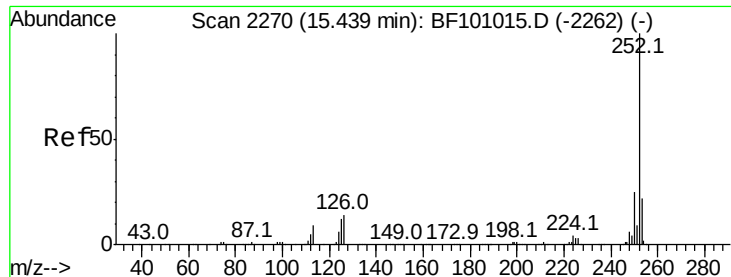
Tot Ion:252 Resp: 225093
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 9.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.350 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF101048.D
Acq: 1 Dec 2017 6:02

Tgt Ion:252 Resp: 223175
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 8.8 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 40.061 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

Instrument :

BNA_F

ClientSampleId :

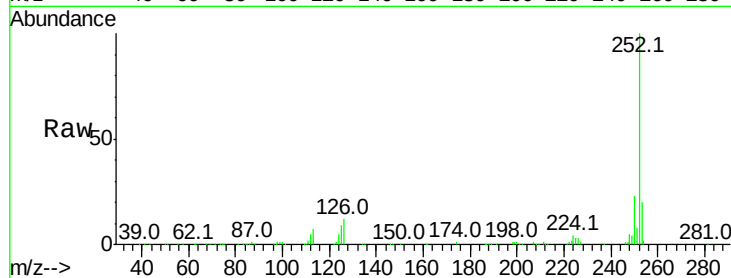
Tot Ion:252 Resp: 194805

Ion Ratio Lower Upper

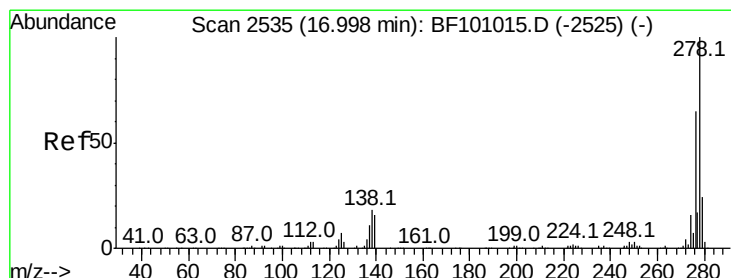
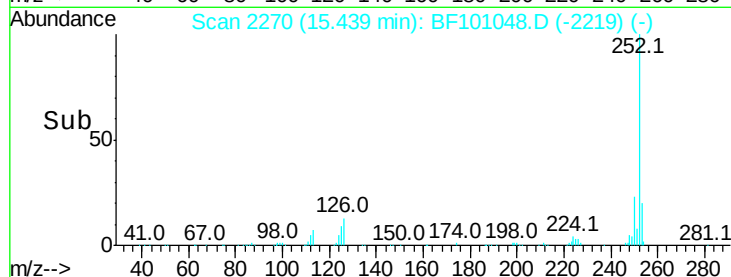
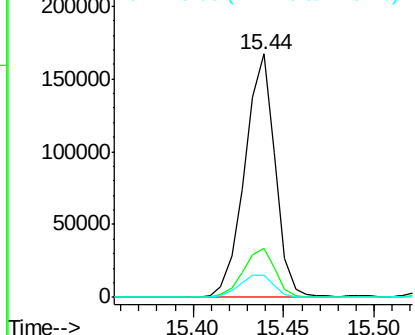
252 100

253 20.4 17.1 25.7

125 9.3 9.8 14.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 37.622 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.00 min

Lab File: BF101048.D

Acq: 1 Dec 2017 6:02

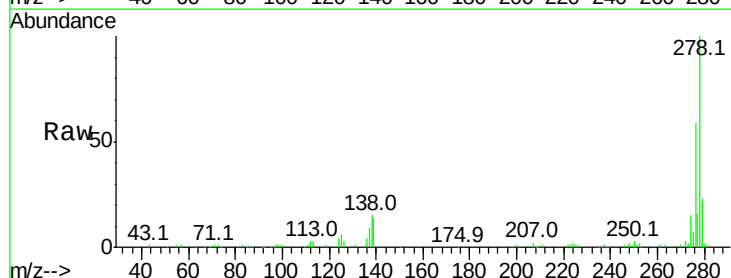
Tgt Ion:278 Resp: 161287

Ion Ratio Lower Upper

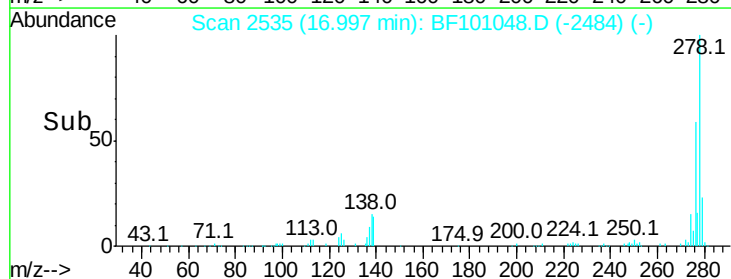
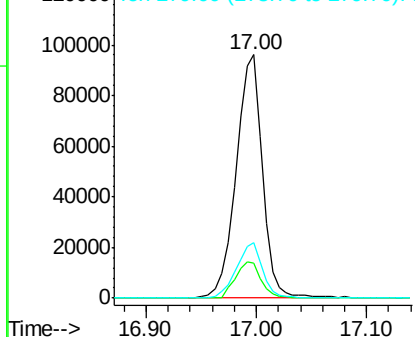
278 100

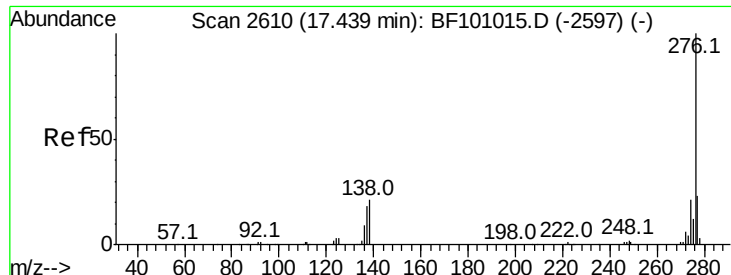
139 14.4 15.9 23.9#

279 23.0 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

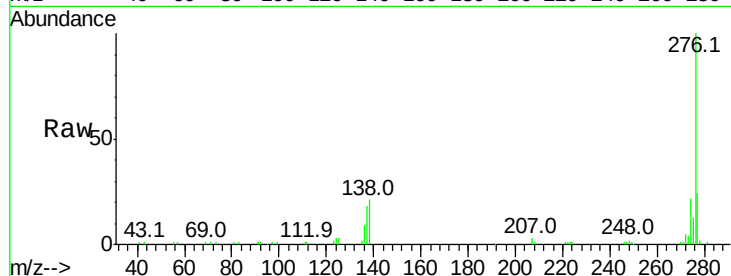




#91
 Benzo(a,h,i)perylene
 Concen: 36.589 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BF101048.D
 Acq: 1 Dec 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	147824
Ion Ratio	Lower	Upper	
276	100		
277	24.4	17.9	26.9
138	20.8	21.8	32.8



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

