

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101087.D
 Acq On : 4 Dec 2017 10:28
 Operator : SJ/JU
 Sample : PB104640BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 04 14:48:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	48141	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	194331	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	95885	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	189726	20.00	ng	0.00
75) Chrysene-d12	14.02	240	151073	20.00	ng	0.00
86) Perylene-d12	15.49	264	106496	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	344845	118.37	ng	0.02
7) Phenol-d6	6.49	99	414121	117.08	ng	0.00
23) Nitrobenzene-d5	7.42	82	252434	77.49	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	126965	110.23	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	556647	79.43	ng	0.00
78) Terphenyl-d14	12.96	244	575629	83.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	38559	32.01	ng	# 92
3) Pyridine	3.47	79	108930	34.88	ng	92
4) n-Nitrosodimethylamine	3.41	42	57613	37.77	ng	85
6) Aniline	6.52	93	54074	11.76	ng	99
8) 2-Chlorophenol	6.63	128	122889	38.69	ng	98
9) Benzaldehyde	6.40	77	47769	22.07	ng	94
10) Phenol	6.50	94	142415	36.21	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	109219	37.02	ng	99
12) 1,3-Dichlorobenzene	6.79	146	137041	37.05	ng	97
13) 1,4-Dichlorobenzene	6.86	146	137152	35.82	ng	98
14) 1,2-Dichlorobenzene	7.02	146	130868	36.64	ng	97
15) Benzyl Alcohol	6.99	79	105728	38.70	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	169794	42.34	ng	88
17) 2-Methylphenol	7.10	107	97868	38.16	ng	97
18) Hexachloroethane	7.36	117	45298	36.82	ng	# 89
19) n-Nitroso-di-n-propylamine	7.26	70	82276	34.54	ng	94
20) 3+4-Methylphenols	7.26	107	128731	38.48	ng	# 67
22) Acetophenone	7.26	105	165466	35.24	ng	# 89
24) Nitrobenzene	7.43	77	121025	37.91	ng	97
25) Isophorone	7.67	82	220938	39.70	ng	100
26) 2-Nitrophenol	7.75	139	68526	39.10	ng	97
27) 2,4-Dimethylphenol	7.79	122	106612	42.05	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	135540	36.24	ng	98
29) 2,4-Dichlorophenol	7.99	162	110008	39.86	ng	94
30) 1,2,4-Trichlorobenzene	8.07	180	113472	37.39	ng	97
31) Naphthalene	8.15	128	350402	36.59	ng	99
32) Benzoic acid	7.90	122	22063	11.19	ng	93
33) 4-Chloroaniline	8.20	127	35329	9.18	ng	97
34) Hexachlorobutadiene	8.26	225	67468	36.25	ng	98
35) Caprolactam	8.60	113	20535	23.88	ng	91
36) 4-Chloro-3-methylphenol	8.69	107	111561	39.02	ng	95
37) 2-Methylnaphthalene	8.85	142	247334	38.01	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	117742	33.80	ng	97
40) Hexachlorocyclopentadiene	8.99	237	63232	52.89	ng	99

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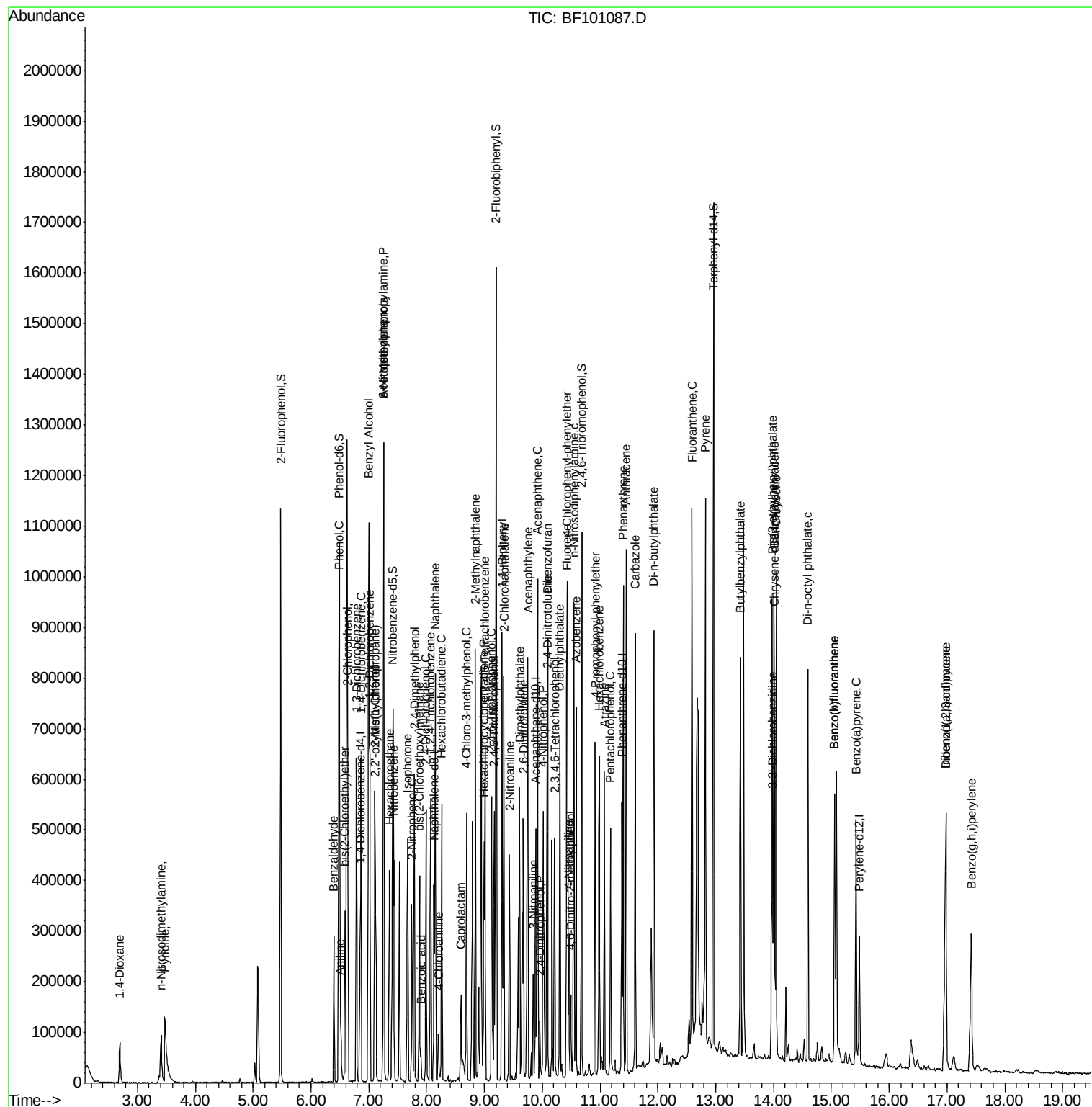
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	79926	39.14	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	85995	39.39	nq	# 93
45) 1,1'-Biphenyl	9.30	154	296642	33.77	nq	98
46) 2-Chloronaphthalene	9.33	162	232986	37.34	nq	97
47) 2-Nitroaniline	9.43	65	68241	36.97	nq	97
48) Acenaphthylene	9.75	152	361629	35.27	nq	99
49) Dimethylphthalate	9.61	163	274963	35.56	nq	99
50) 2,6-Dinitrotoluene	9.67	165	61018	37.46	nq	94
51) Acenaphthene	9.92	154	211347	34.42	nq	98
52) 3-Nitroaniline	9.85	138	36710	20.04	nq	86
53) 2,4-Dinitrophenol	9.96	184	16102	22.89	nq	# 16
54) Dibenzofuran	10.09	168	321023	36.28	nq	99
55) 4-Nitrophenol	10.02	139	88055	71.29	nq	98
56) 2,4-Dinitrotoluene	10.08	165	81350	37.27	nq	# 94
57) Fluorene	10.44	166	261035	36.29	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	67688	38.73	nq	# 84
59) Diethylphthalate	10.30	149	275013	36.06	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	125569	35.36	nq	91
61) 4-Nitroaniline	10.46	138	54050	28.43	nq	92
62) Azobenzene	10.59	77	234081	36.16	nq	93
64) 4,6-Dinitro-2-methylphenol	10.49	198	19378	15.23	nq	82
65) n-Nitrosodiphenylamine	10.55	169	238765	35.67	nq	96
66) 4-Bromophenyl-phenylether	10.92	248	80281	37.80	nq	# 88
67) Hexachlorobenzene	10.99	284	83402	36.64	nq	# 86
68) Atrazine	11.07	200	77195	37.60	nq	100
69) Pentachlorophenol	11.18	266	59886	47.85	nq	99
70) Phenanthrene	11.40	178	389972	37.32	nq	98
71) Anthracene	11.45	178	400668	37.89	nq	99
72) Carbazole	11.61	167	337332	34.91	nq	98
73) Di-n-butylphthalate	11.93	149	440249	36.35	nq	98
74) Fluoranthene	12.59	202	417288	36.03	nq	95
77) Pyrene	12.82	202	426057	40.87	nq	100
79) Butylbenzylphthalate	13.43	149	188712	41.06	nq	92
80) Benzo(a)anthracene	14.01	228	360460	37.79	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	54773	16.58	nq	# 97
82) Chrysene	14.04	228	334576	37.77	nq	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	258059	39.38	nq	98
84) Di-n-octyl phthalate	14.59	149	397282	36.41	nq	98
85) Indeno(1,2,3-cd)pyrene	16.97	276	272606	34.61	nq	# 92
87) Benzo(b)fluoranthene	15.06	252	275536	43.20	nq	98
88) Benzo(k)fluoranthene	15.06	252	275536	43.84	nq	96
89) Benzo(a)pyrene	15.43	252	235474	40.60	nq	98
90) Dibenzo(a,h)anthracene	16.98	278	224337	43.88	nq	# 94
91) Benzo(g,h,i)perylene	17.42	276	234370	48.64	nq	# 91

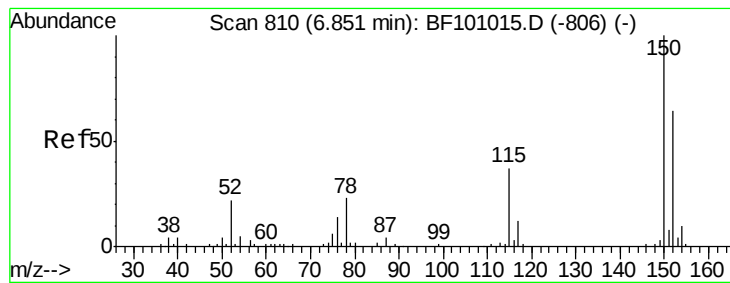
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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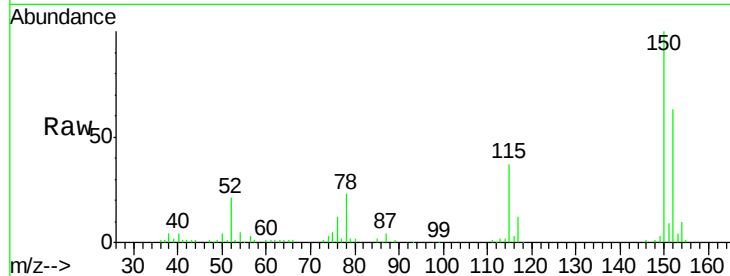


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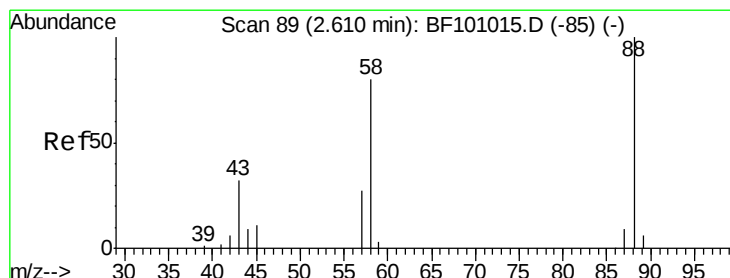
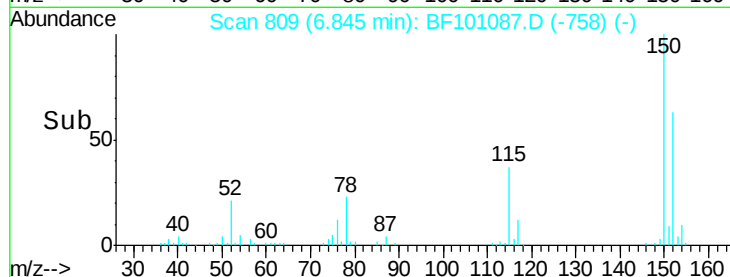
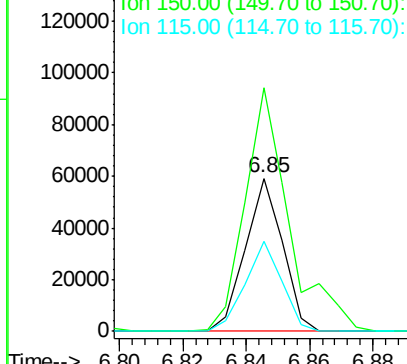
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 48141
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 59.0 50.1 75.1



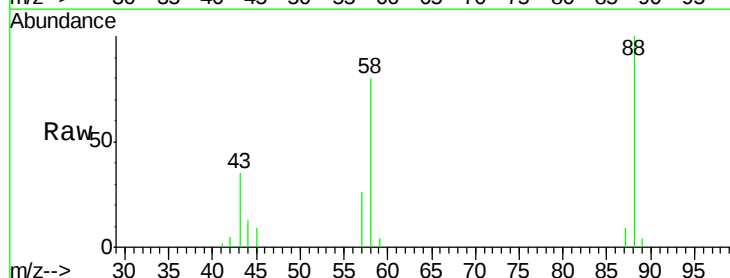
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



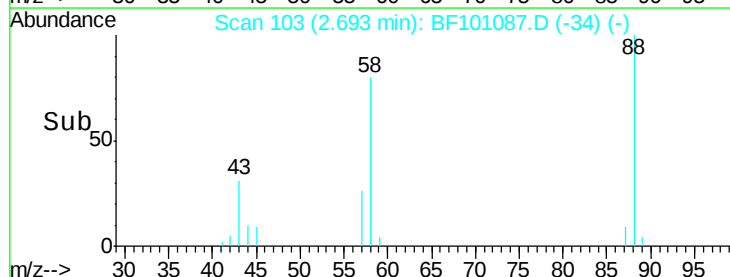
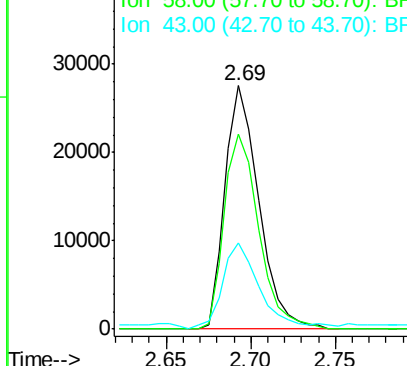
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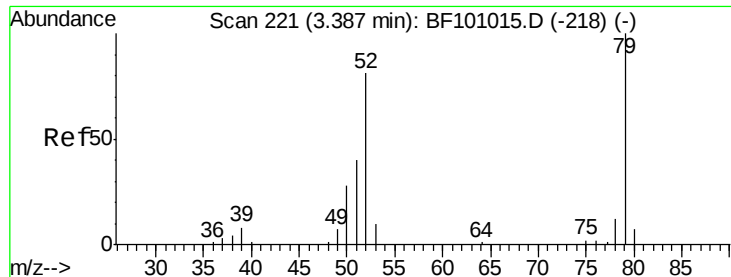
1,4-Dioxane
Concen: 32.01 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.11 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Tgt Ion: 88 Resp: 38559
Ion Ratio Lower Upper
88 100
58 82.2 62.6 93.8
43 39.2 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

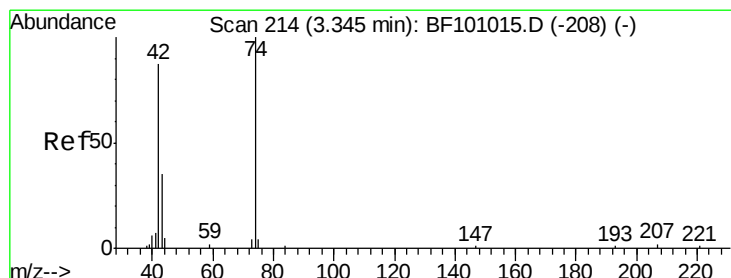
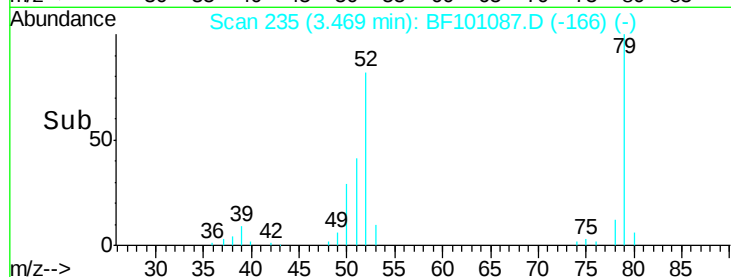
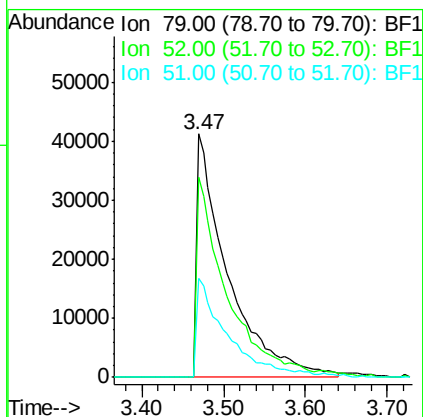
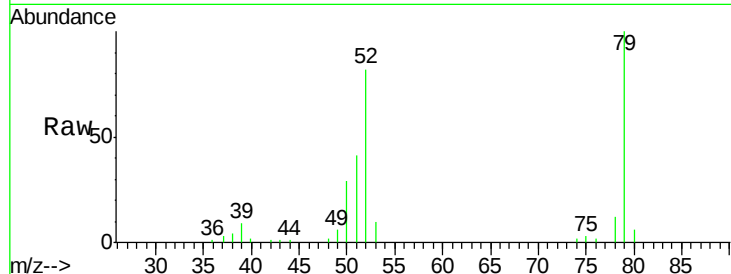




#3
 Pvridine
 Concen: 34.88 ng
 RT: 3.47 min Scan# 235
 Delta R.T. 0.11 min
 Lab File: BF101087.D
 Acq: 4 Dec 2017 10:28

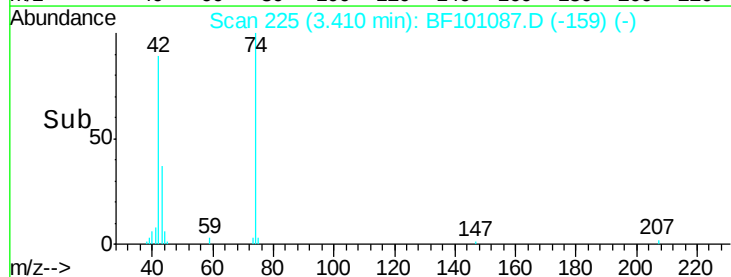
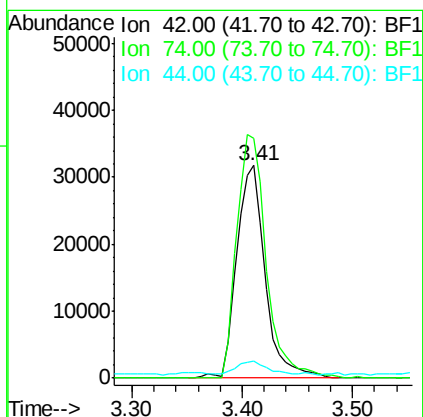
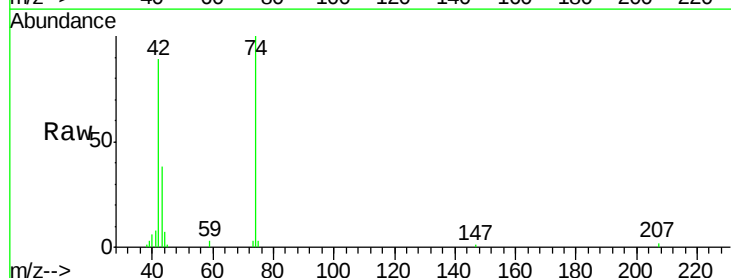
Instrument :
 BNA_F
 ClientSampleId :

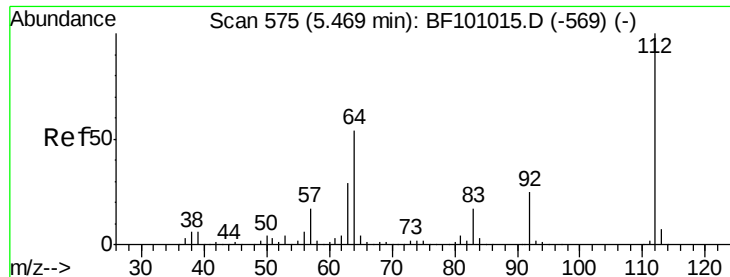
Tot Ion: 79 Resp: 108930
 Ion Ratio Lower Upper
 79 100
 52 82.0 59.8 89.6
 51 40.5 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 37.77 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.09 min
 Lab File: BF101087.D
 Acq: 4 Dec 2017 10:28

Tgt Ion: 42 Resp: 57613
 Ion Ratio Lower Upper
 42 100
 74 112.7 104.9 157.3
 44 7.8 6.9 10.3





#5

2-Fluorophenol

Concen: 118.37 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF101087.D

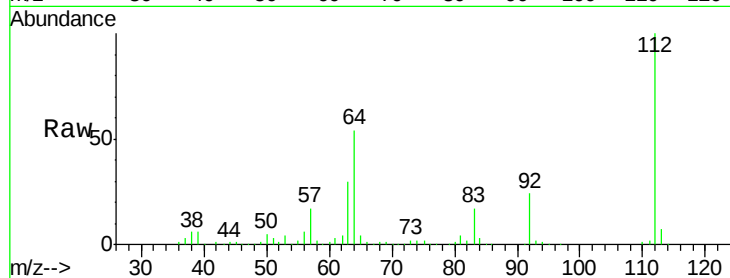
Acq: 4 Dec 2017 10:28

Instrument :

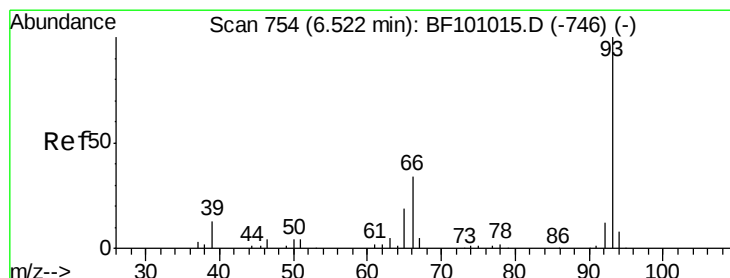
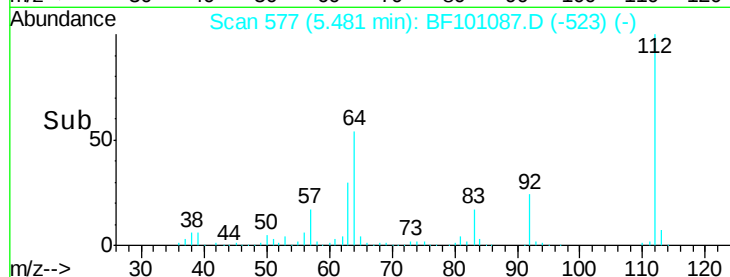
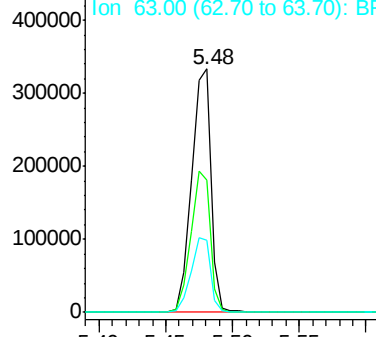
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	344845
Ion	Ratio	Lower	Upper
112	100		
64	54.1	47.9	71.9
63	29.7	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1



#6

Aniline

Concen: 11.76 ng

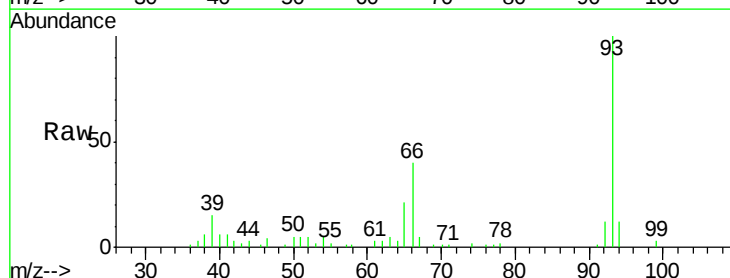
RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

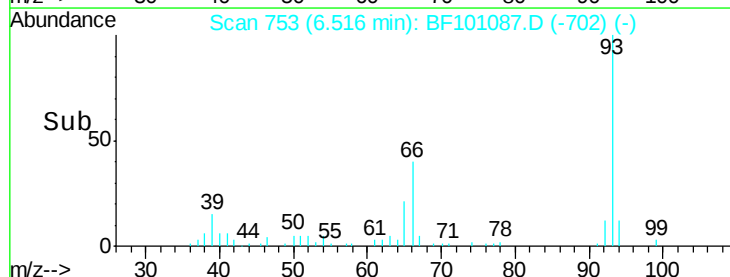
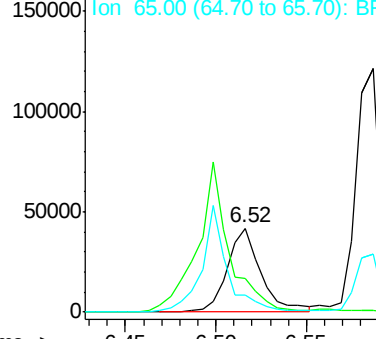
Lab File: BF101087.D

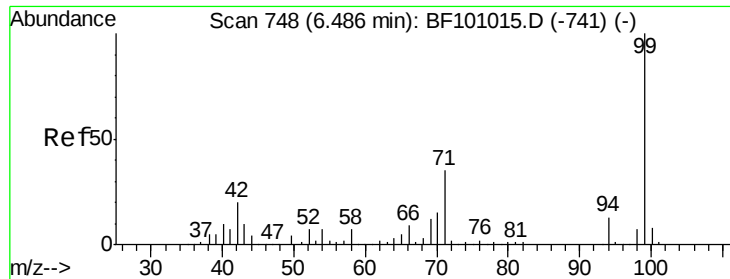
Acq: 4 Dec 2017 10:28

Tgt Ion:	93	Resp:	54074
Ion	Ratio	Lower	Upper
93	100		
66	39.6	32.2	48.2
65	20.7	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 117.08 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

Instrument :

BNA_F

ClientSampleId :

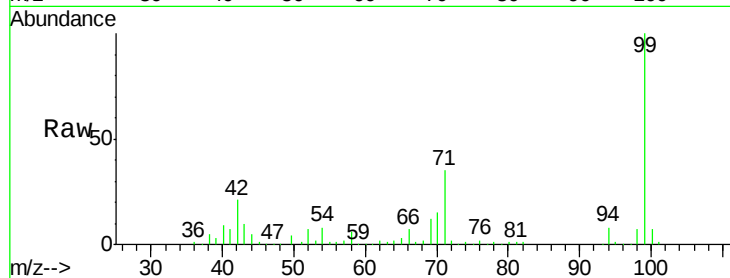
Tot Ion: 99 Resp: 414121

Ion Ratio Lower Upper

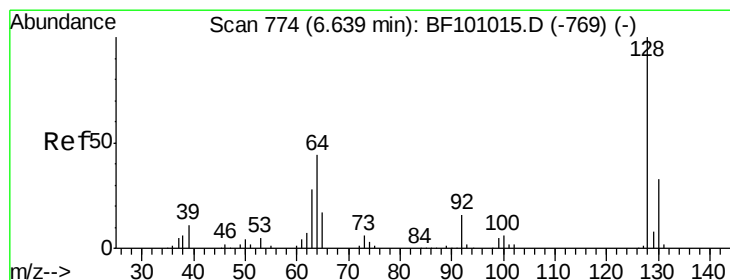
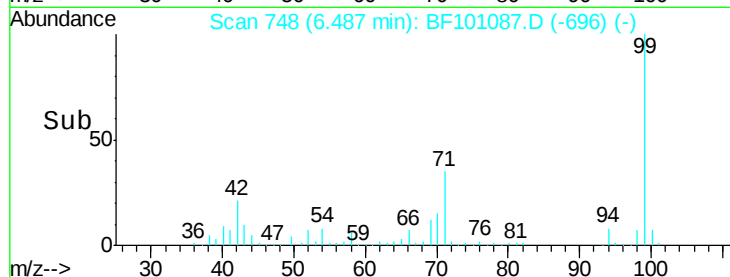
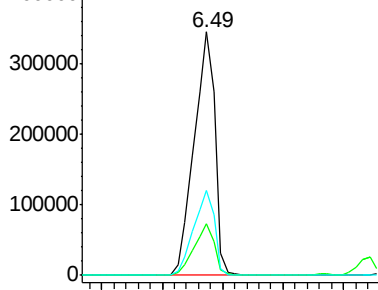
99 100

42 21.1 14.5 21.7

71 35.0 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: 38.69 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

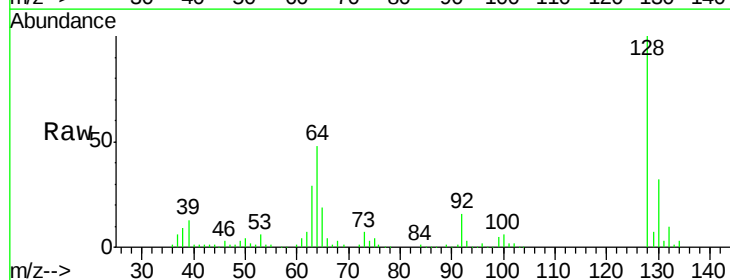
Tgt Ion: 128 Resp: 122889

Ion Ratio Lower Upper

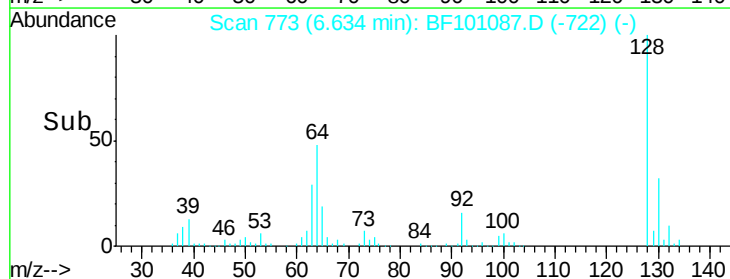
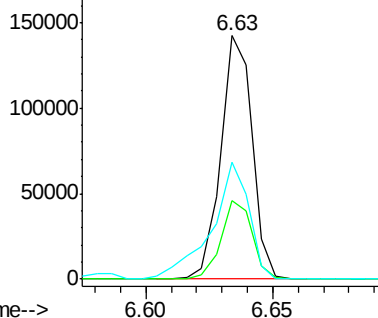
128 100

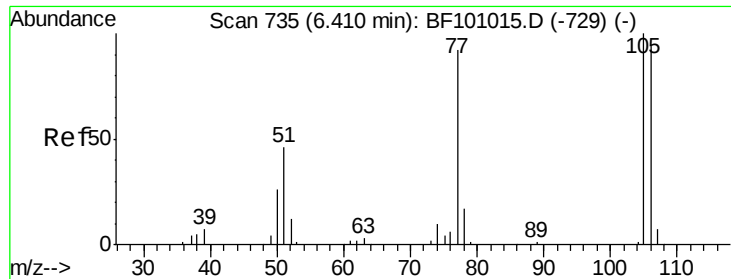
130 32.1 13.0 53.0

64 48.2 29.4 69.4



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

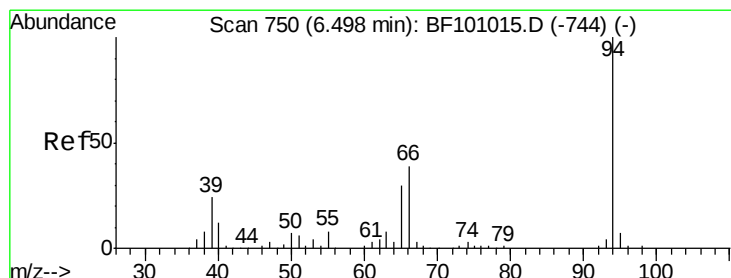
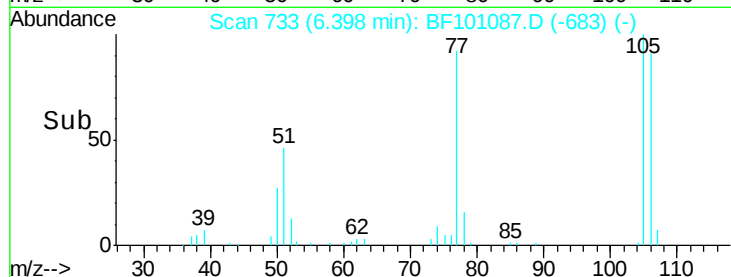
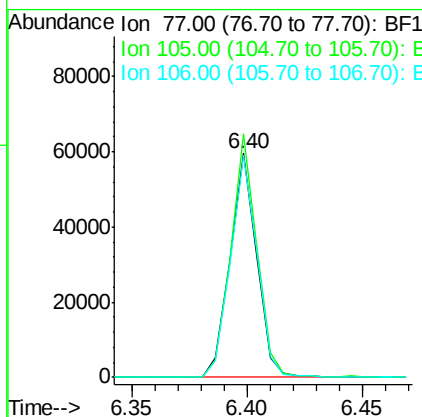
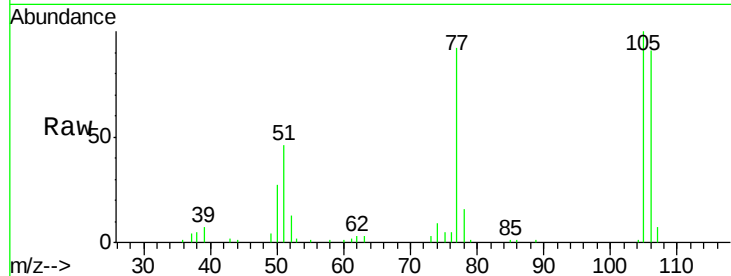




#9
Benzaldehyde
Concen: 22.07 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

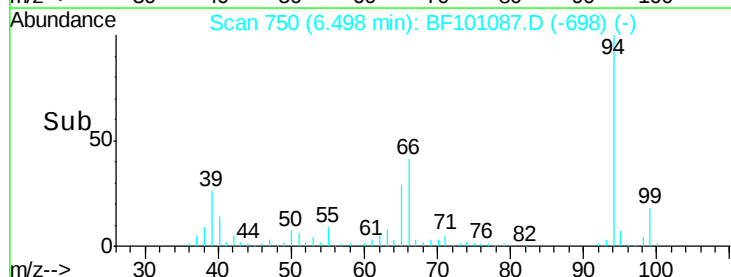
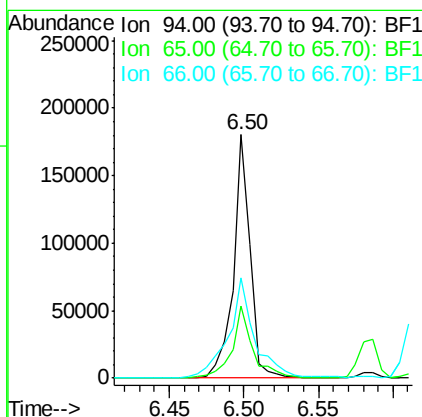
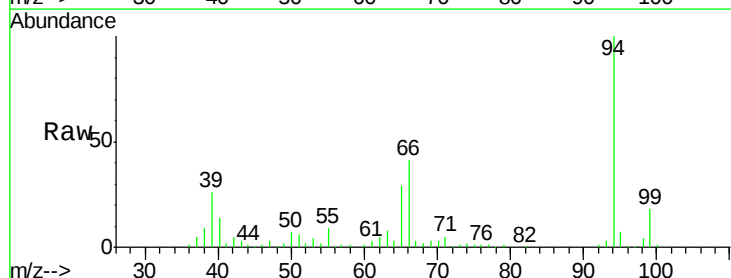
Instrument :
BNA_F
ClientSampled :

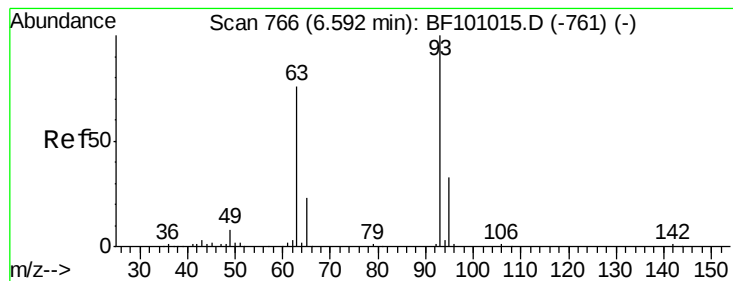
Tot Ion: 77 Resp: 47769
Ion Ratio Lower Upper
77 100
105 108.7 81.1 121.1
106 98.9 74.5 114.5



#10
Phenol
Concen: 36.21 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Tgt Ion: 94 Resp: 142415
Ion Ratio Lower Upper
94 100
65 29.5 7.9 47.9
66 41.4 16.2 56.2

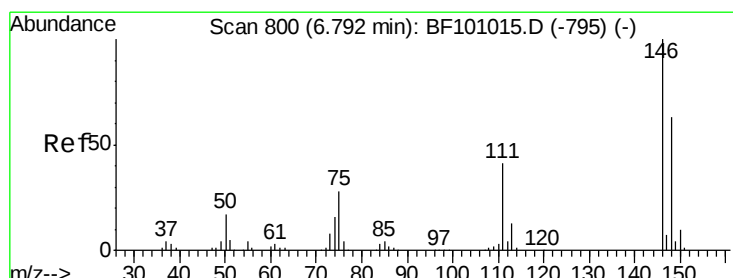
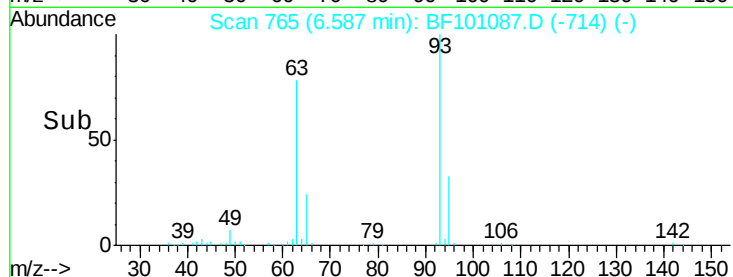
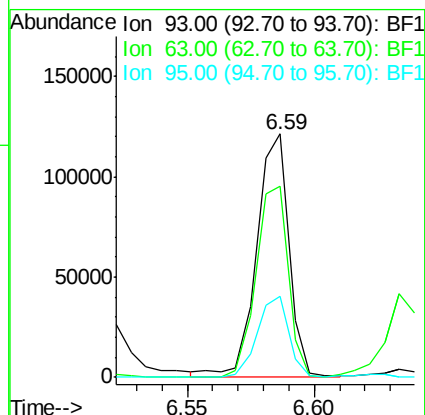
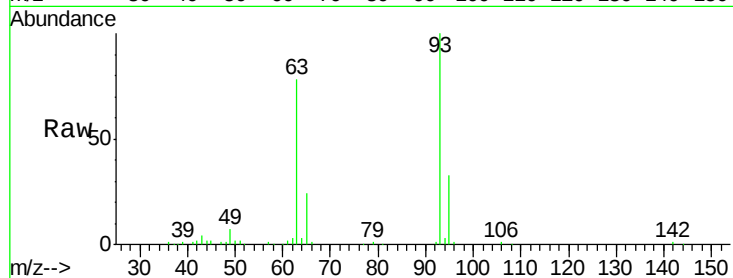




#11
bis(2-Chloroethyl)ether
Concen: 37.02 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

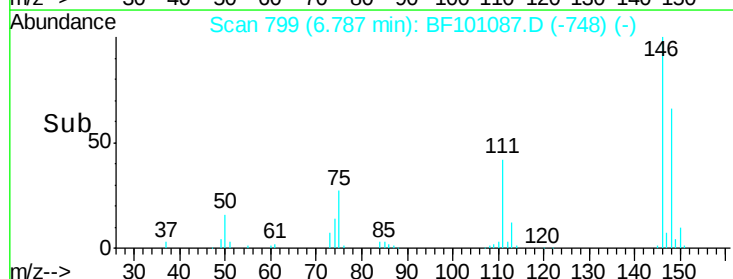
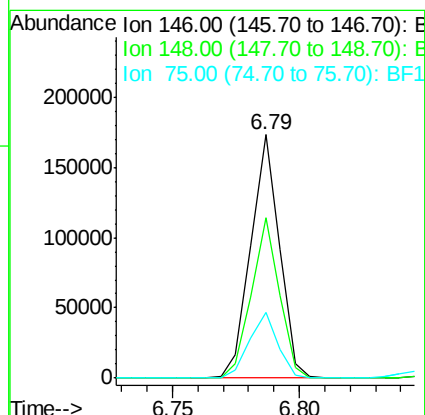
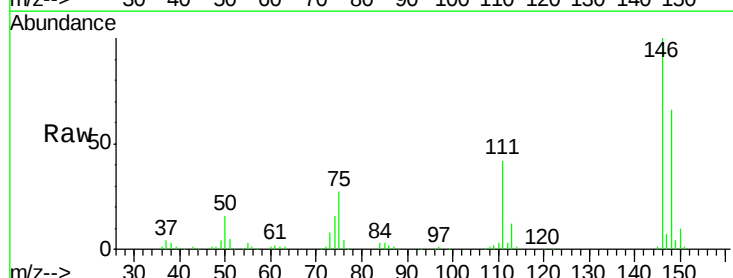
Instrument :
BNA_F
ClientSampleId :

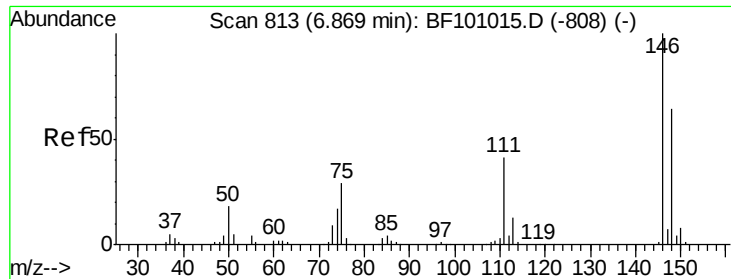
Tot Ion: 93 Resp: 109219
Ion Ratio Lower Upper
93 100
63 78.4 58.6 98.6
95 33.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.05 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Tgt Ion: 146 Resp: 137041
Ion Ratio Lower Upper
146 100
148 66.0 51.8 77.8
75 27.0 24.2 36.4

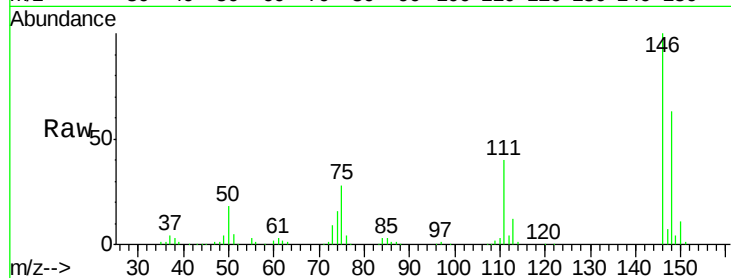




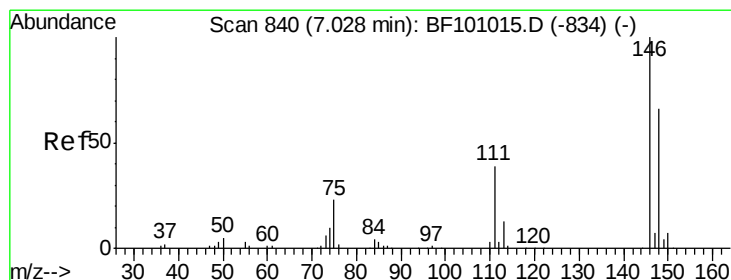
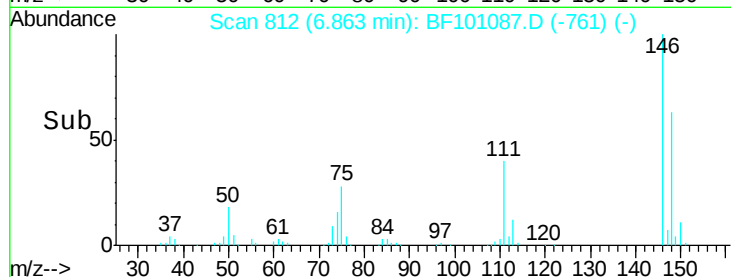
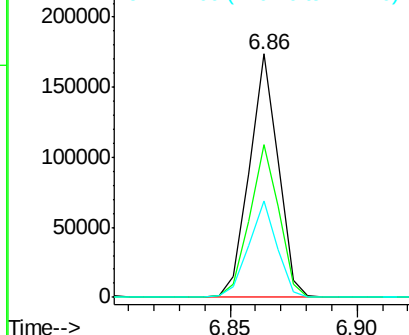
#13
 1,4-Dichlorobenzene
 Concen: 35.82 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF101087.D
 Acq: 4 Dec 2017 10:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 137152
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.8 76.2
 111 39.7 34.2 51.2

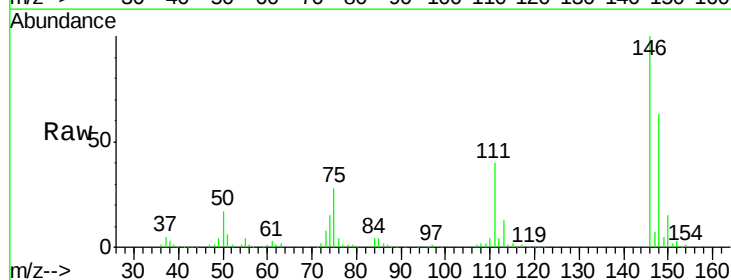


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

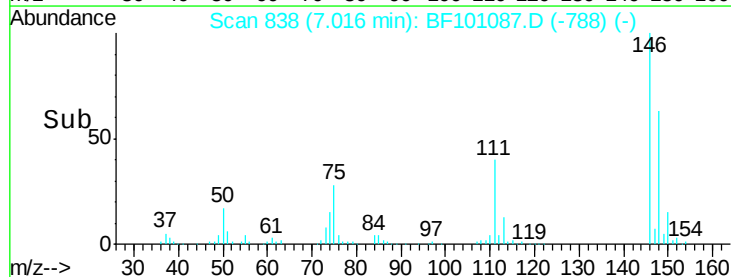
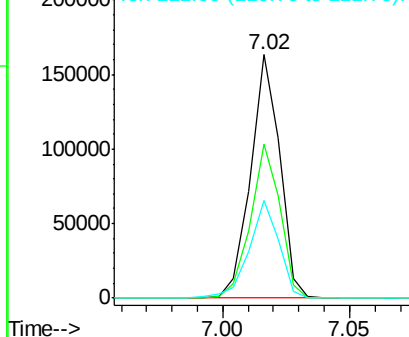


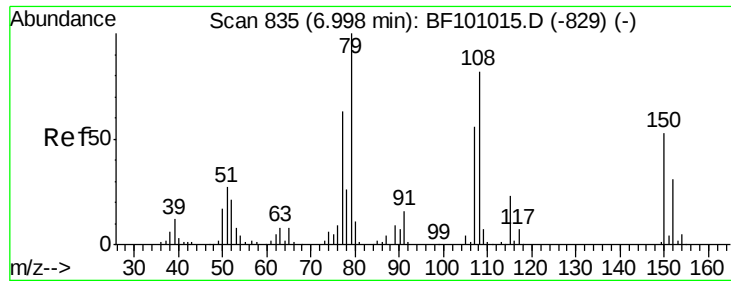
#14
 1,2-Dichlorobenzene
 Concen: 36.64 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF101087.D
 Acq: 4 Dec 2017 10:28

Tgt Ion:146 Resp: 130868
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 40.4 36.0 54.0



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

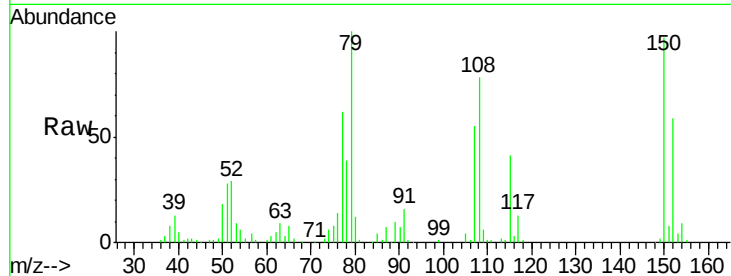




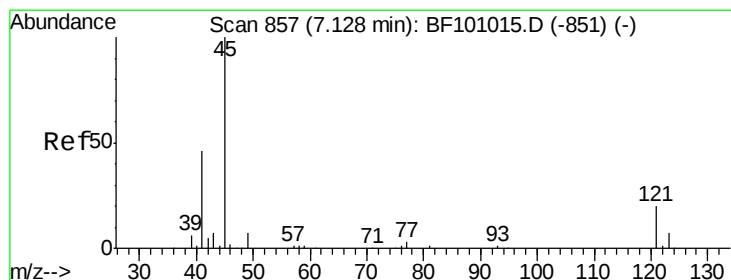
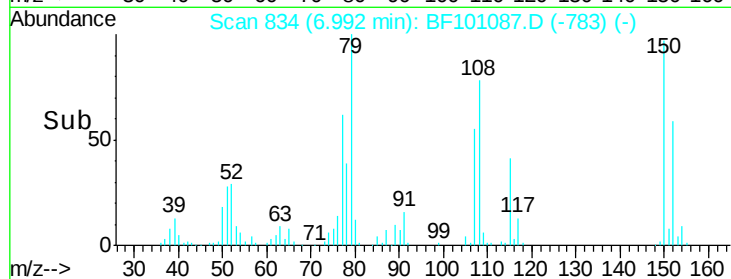
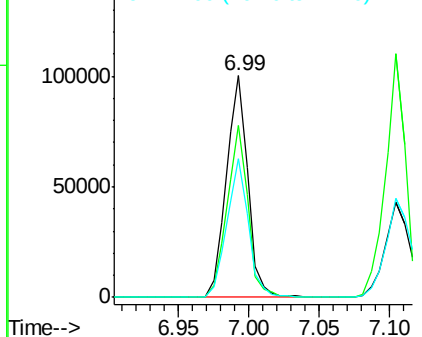
#15
Benzyl Alcohol
Concen: 38.70 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 105728
Ion Ratio Lower Upper
79 100
108 77.6 65.1 97.7
77 62.4 50.6 75.8

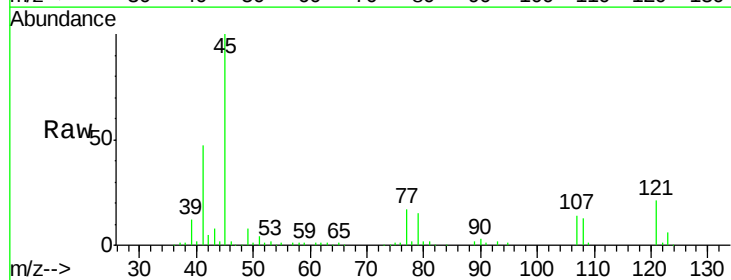


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

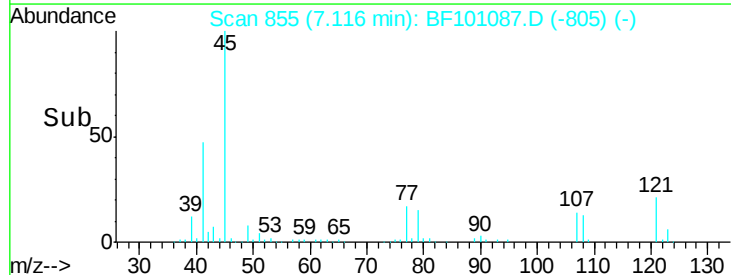
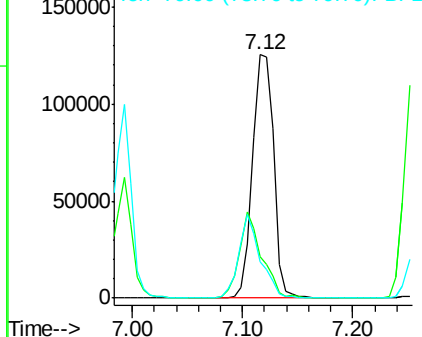


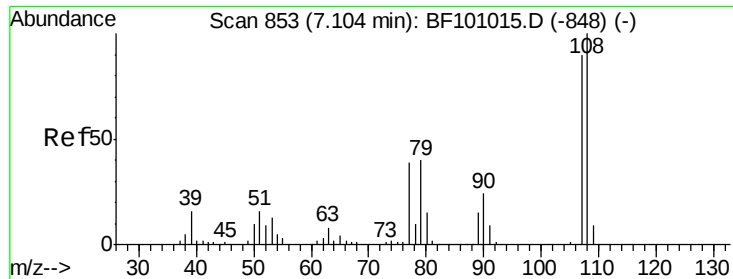
#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.34 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Tgt Ion: 45 Resp: 169794
Ion Ratio Lower Upper
45 100
77 17.1 0.0 32.9
79 14.7 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

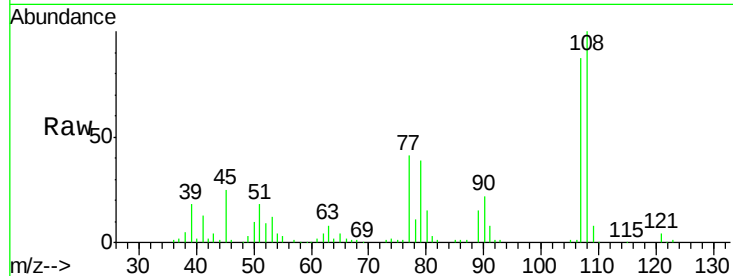




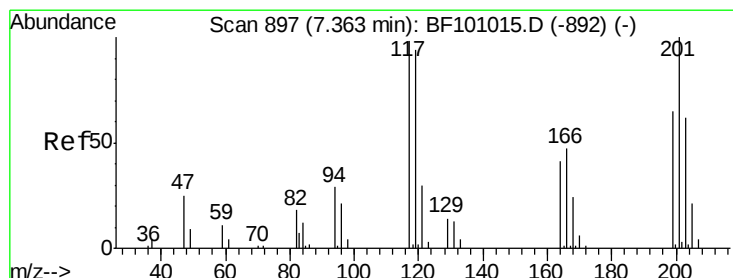
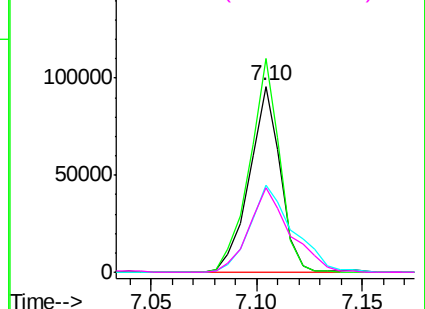
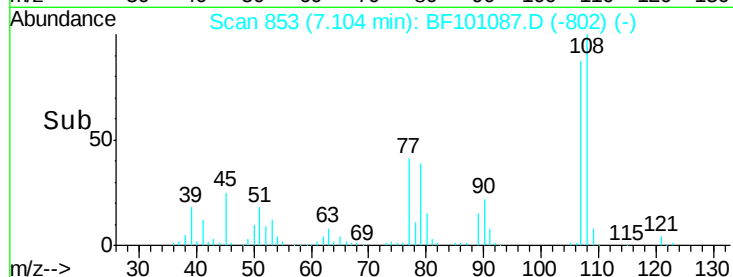
#17
2-Methylphenol
Concen: 38.16 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 97868
Ion Ratio Lower Upper
107 100
108 115.1 91.7 137.5
77 46.7 33.8 50.8
79 45.2 33.8 50.8

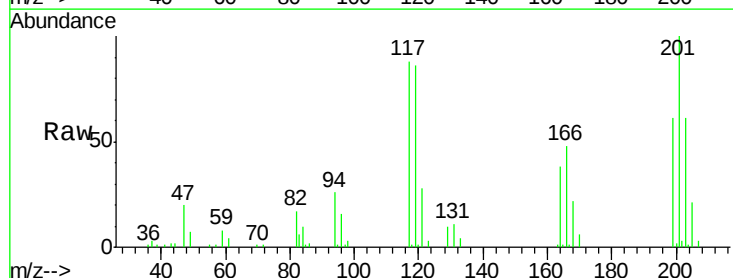


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

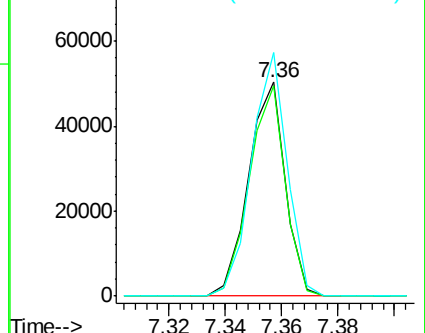
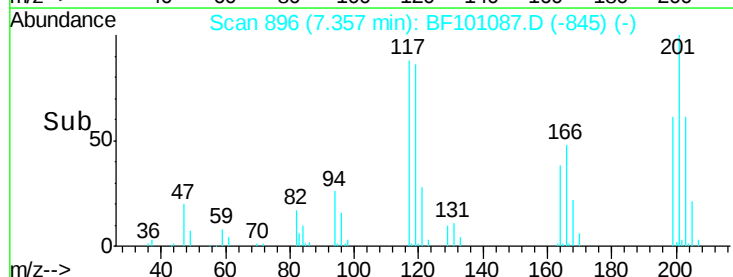


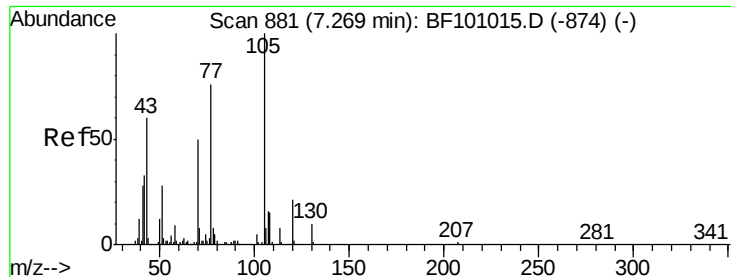
#18
Hexachloroethane
Concen: 36.82 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Tgt Ion:117 Resp: 45298
Ion Ratio Lower Upper
117 100
119 98.0 75.8 113.8
201 113.7 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

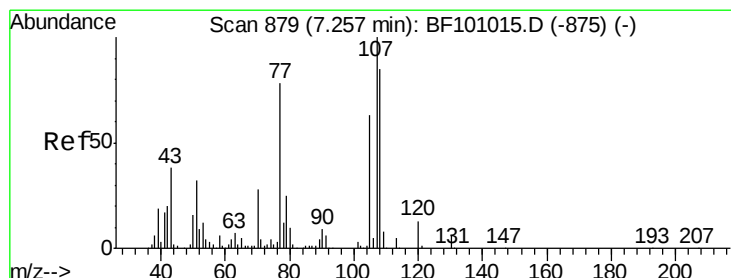
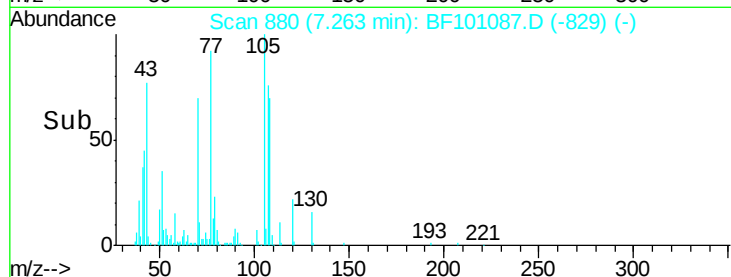
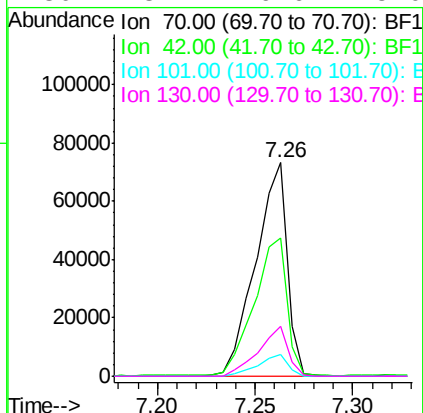
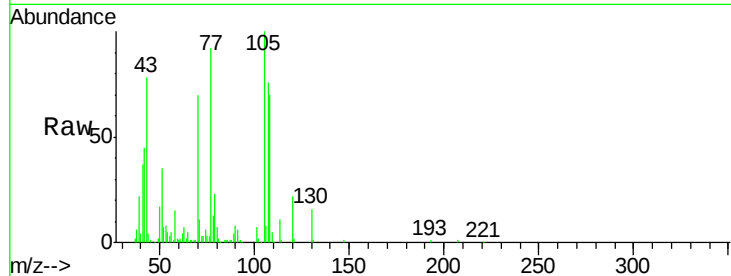




#19
n-Nitroso-di-n-propylamine
Concen: 34.54 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

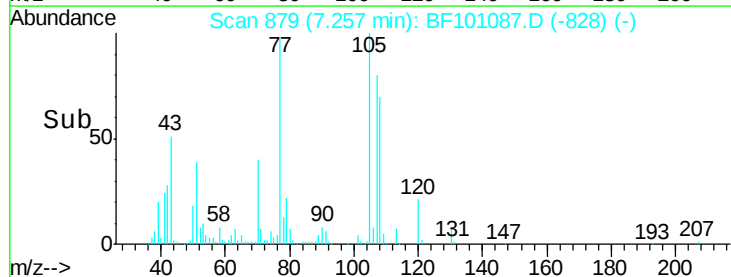
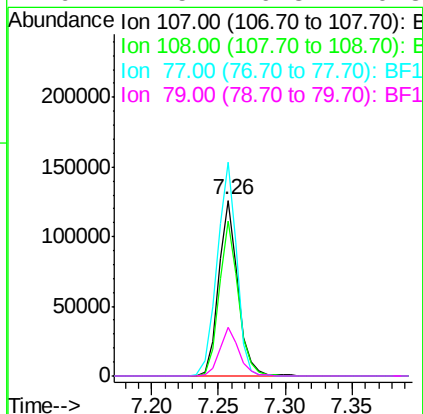
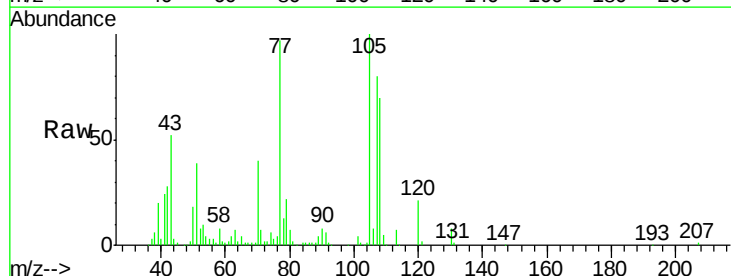
Instrument :
BNA_F
ClientSampleId :

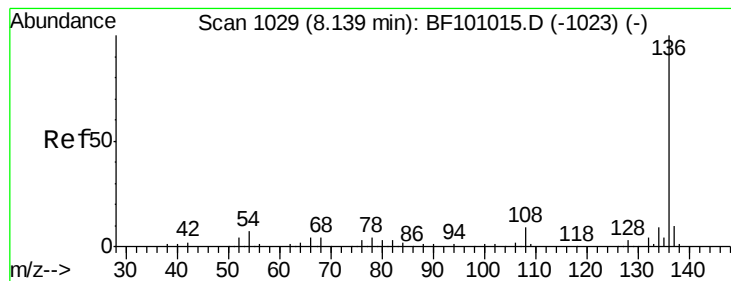
Tot Ion:	70	Resp:	82276
Ion	Ratio	Lower	Upper
70	100		
42	64.9	47.5	71.3
101	10.0	7.4	11.2
130	23.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.48 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Tgt Ion:	107	Resp:	128731
Ion	Ratio	Lower	Upper
107	100		
108	87.7	68.2	108.2
77	121.4	26.7	66.7#
79	27.5	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 194331

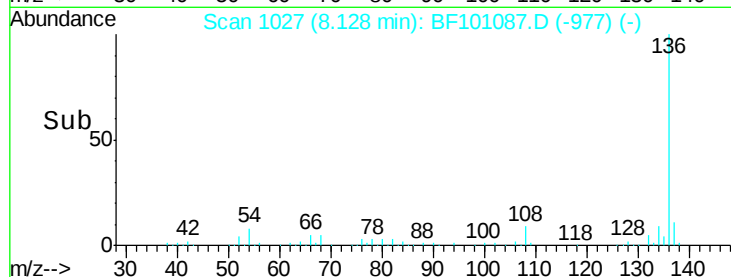
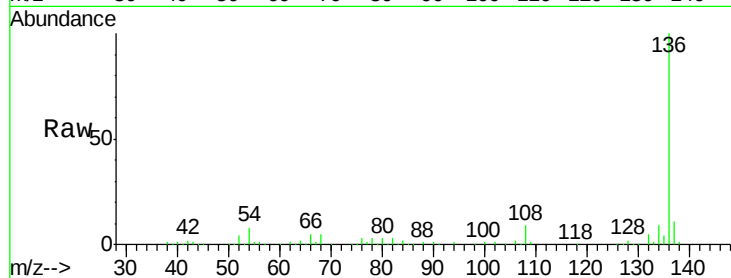
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.0 6.6 9.8

68 4.6 5.0 7.4#

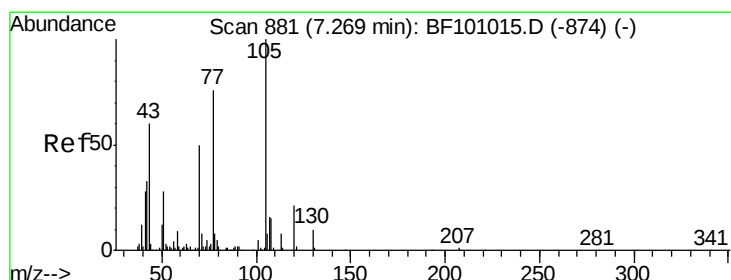
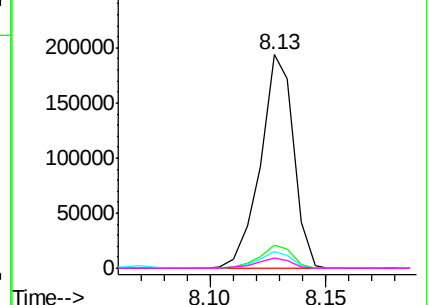


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.24 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

Tgt Ion:105 Resp: 165466

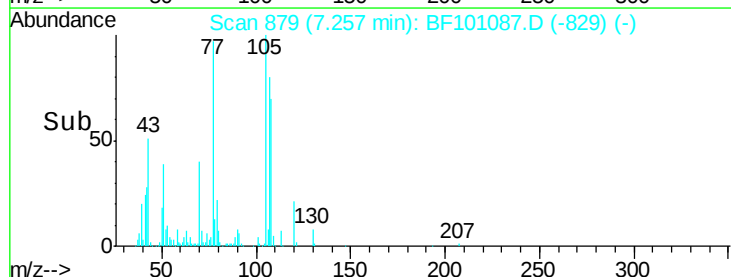
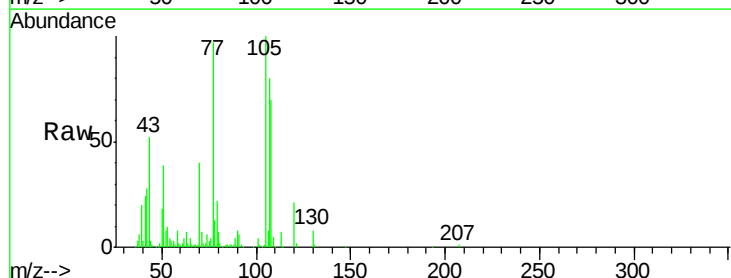
Ion Ratio Lower Upper

105 100

71 7.3 4.4 6.6#

51 38.9 22.3 33.5#

120 20.9 16.9 25.3

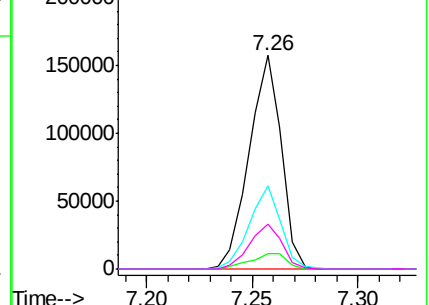


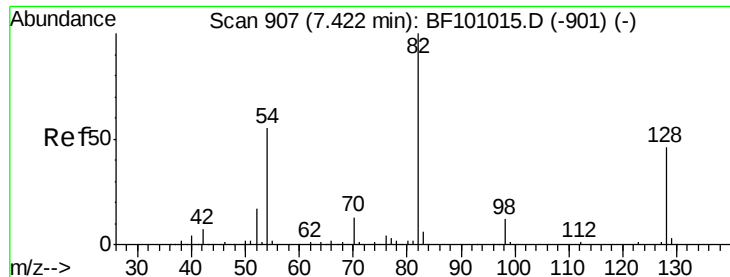
Abundance Ion 105.00 (104.70 to 105.70): E

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

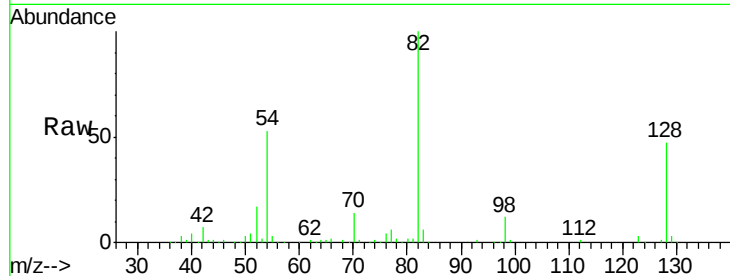




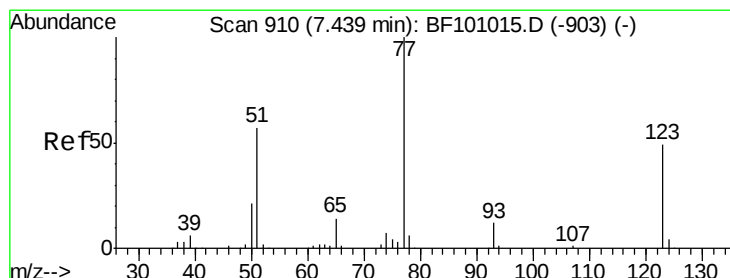
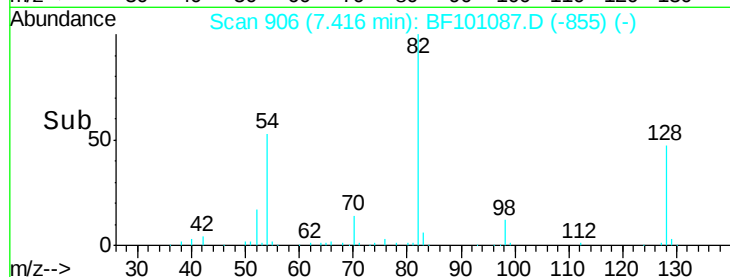
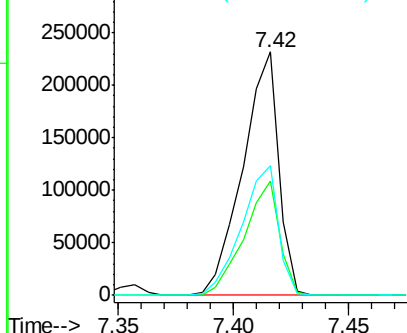
#23
Nitrobenzene-d5
Concen: 77.49 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 252434
Ion Ratio Lower Upper
82 100
128 46.9 36.1 54.1
54 53.5 41.4 62.2

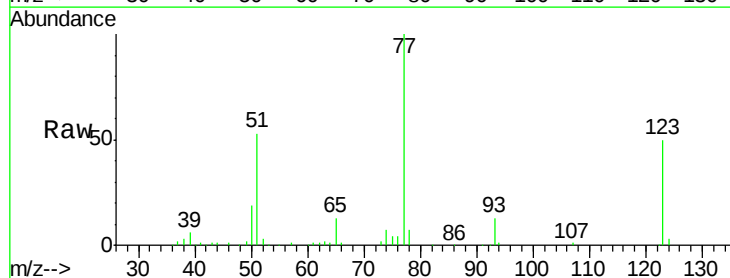


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

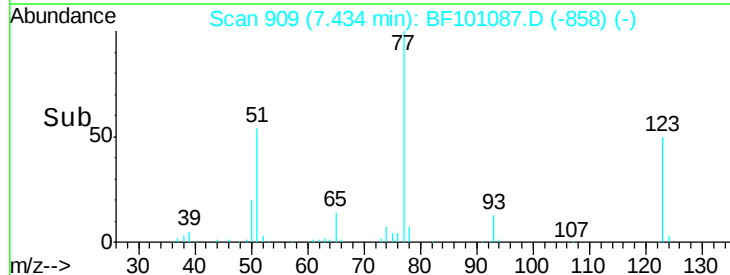
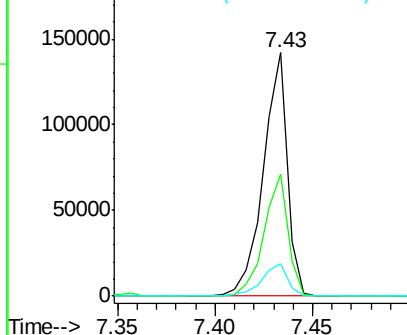


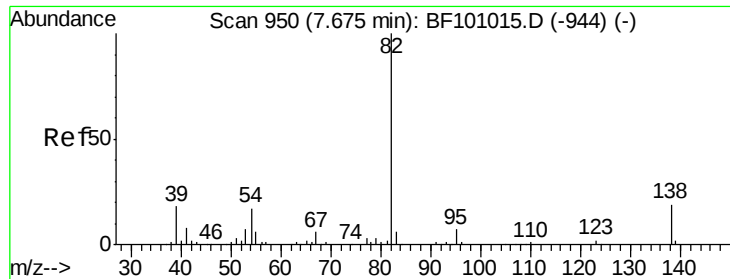
#24
Nitrobenzene
Concen: 37.91 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Tgt Ion: 77 Resp: 121025
Ion Ratio Lower Upper
77 100
123 49.9 37.9 56.9
65 13.3 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.70 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

Instrument :

BNA_F

ClientSampled :

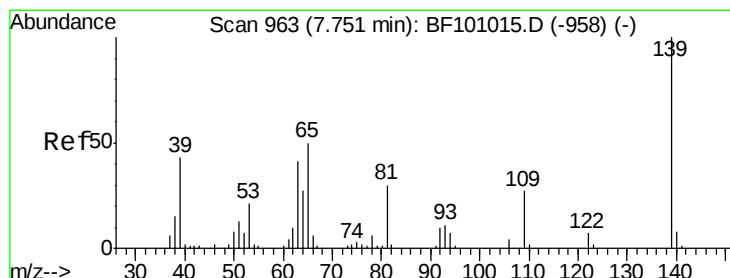
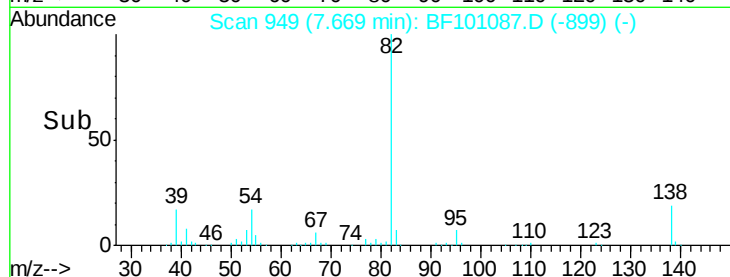
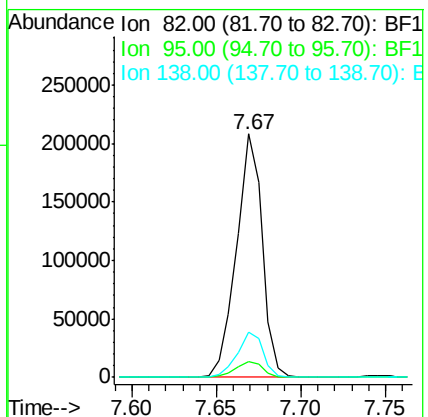
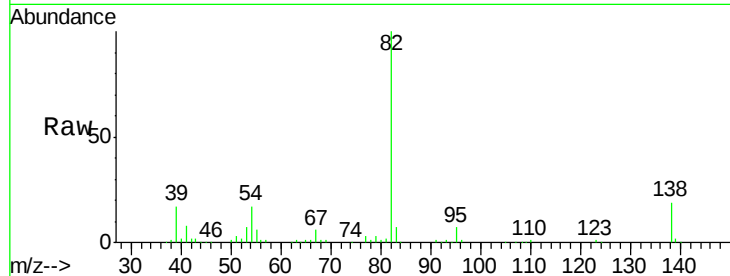
Tot Ion: 82 Resp: 220938

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 18.7 14.9 22.3



#26

2-Nitrophenol

Concen: 39.10 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

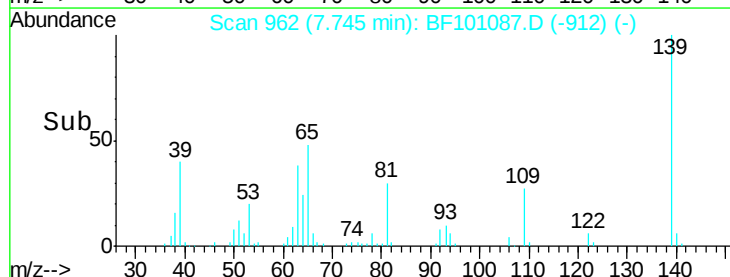
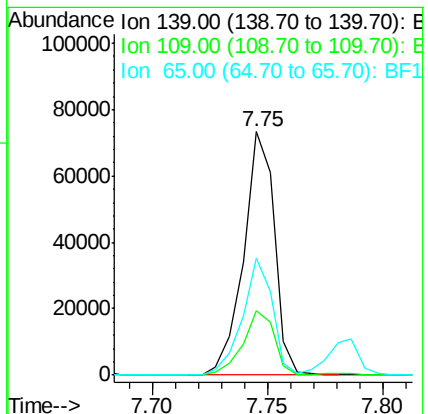
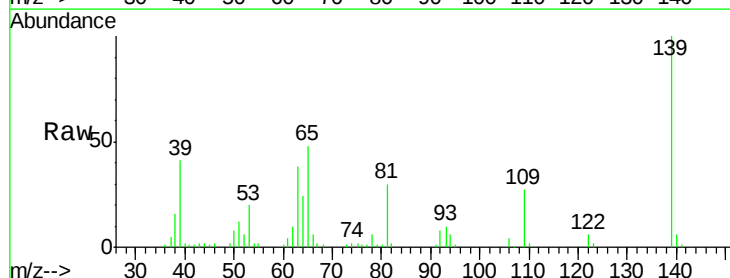
Tgt Ion: 139 Resp: 68526

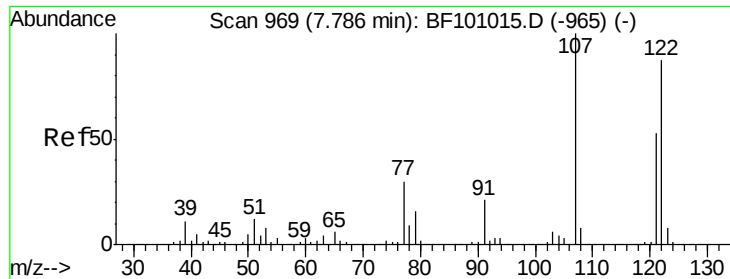
Ion Ratio Lower Upper

139 100

109 26.6 22.7 34.1

65 48.3 40.5 60.7

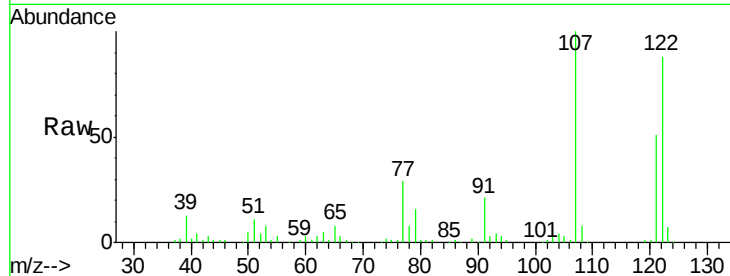




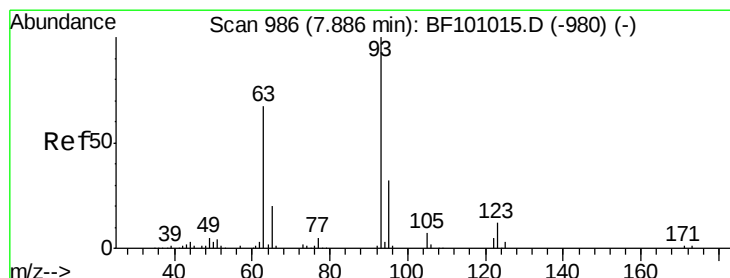
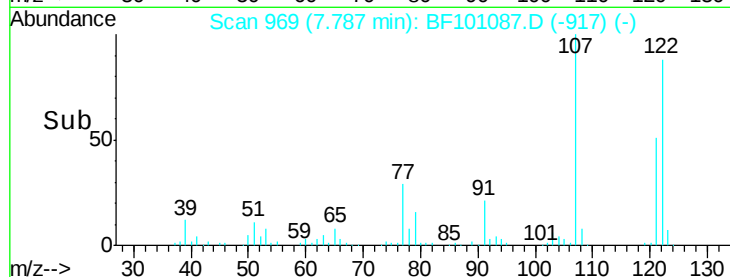
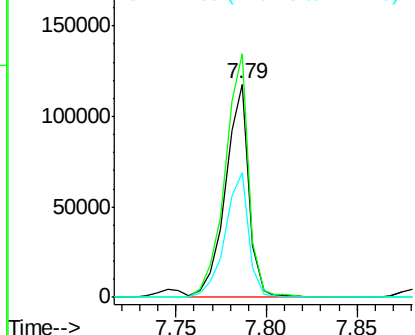
#27
 2,4-Dimethylphenol
 Concen: 42.05 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: BF101087.D
 Acq: 4 Dec 2017 10:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 106612
 Ion Ratio Lower Upper
 122 100
 107 114.2 91.2 136.8
 121 58.5 47.2 70.8

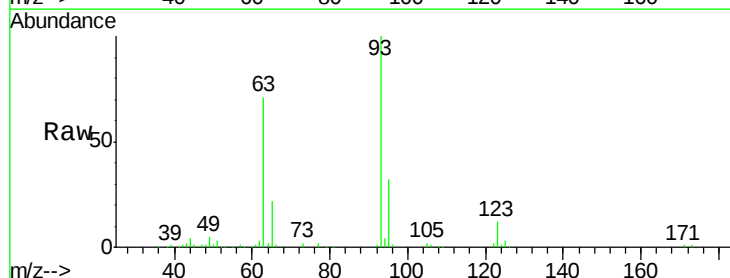


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

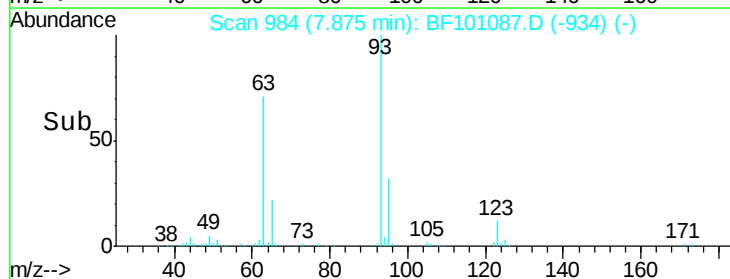
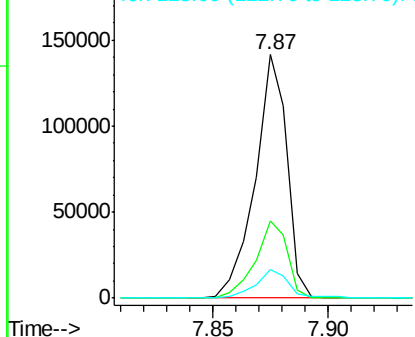


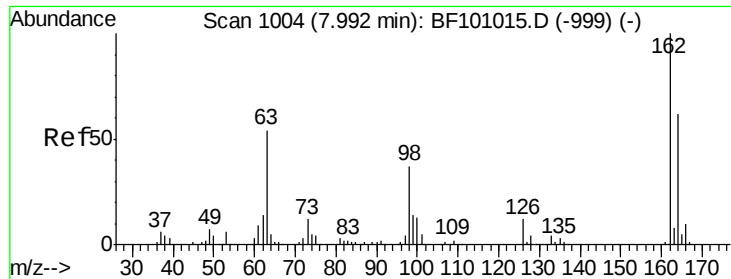
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.24 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF101087.D
 Acq: 4 Dec 2017 10:28

Tgt Ion: 93 Resp: 135540
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.3 39.5
 123 11.8 9.8 14.6



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

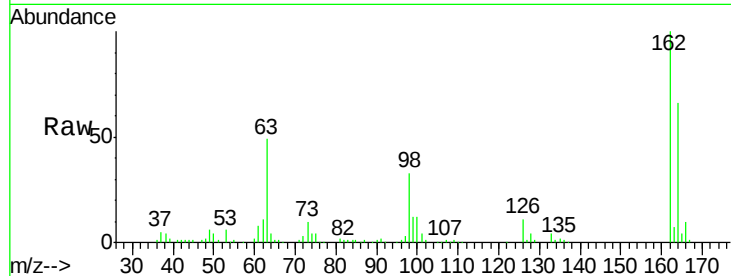




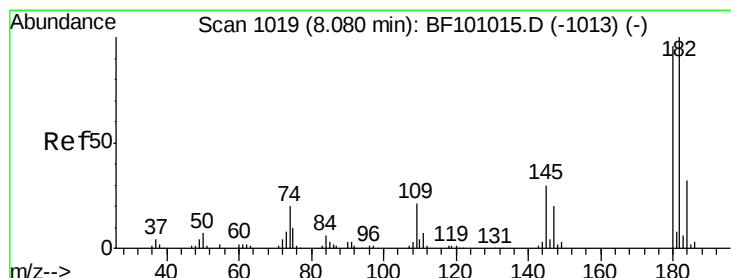
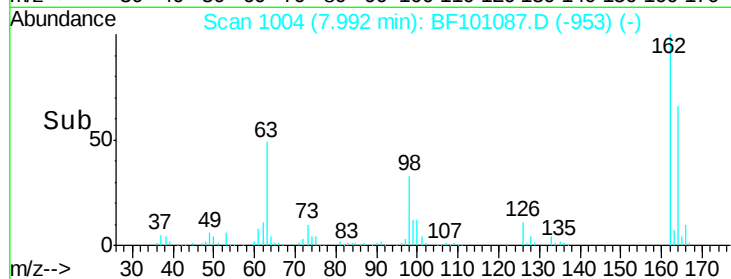
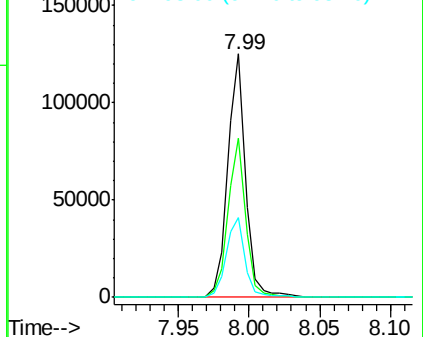
#29
 2,4-Dichlorophenol
 Concen: 39.86 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF101087.D
 Acq: 4 Dec 2017 10:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 110008
 Ion Ratio Lower Upper
 162 100
 164 65.5 42.7 82.7
 98 32.7 18.1 58.1

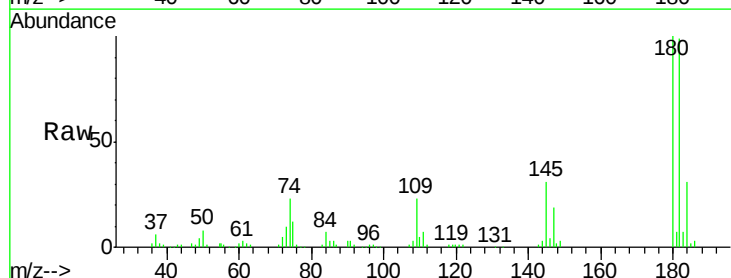


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

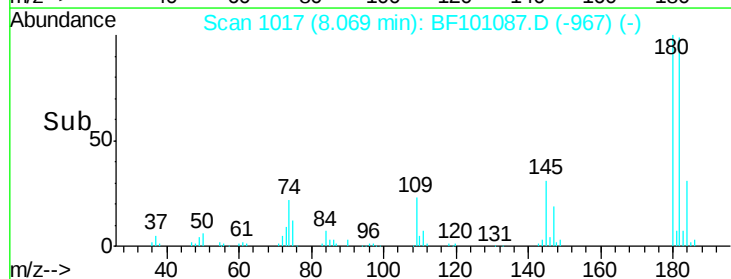
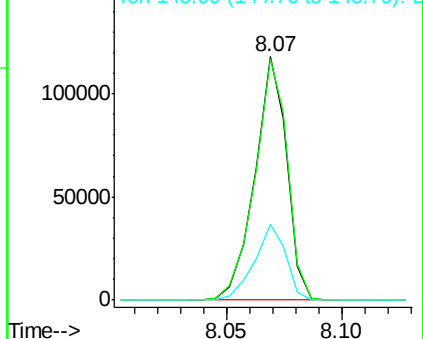


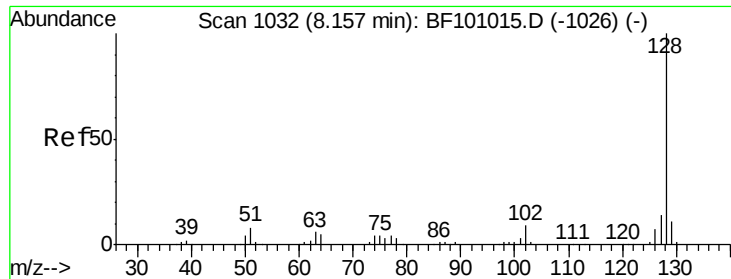
#30
 1,2,4-Trichlorobenzene
 Concen: 37.39 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF101087.D
 Acq: 4 Dec 2017 10:28

Tgt Ion:180 Resp: 113472
 Ion Ratio Lower Upper
 180 100
 182 99.0 76.8 115.2
 145 31.1 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

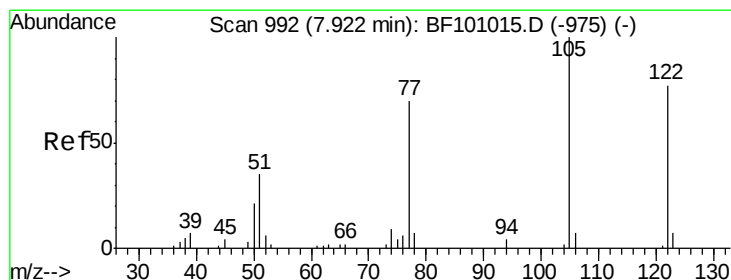
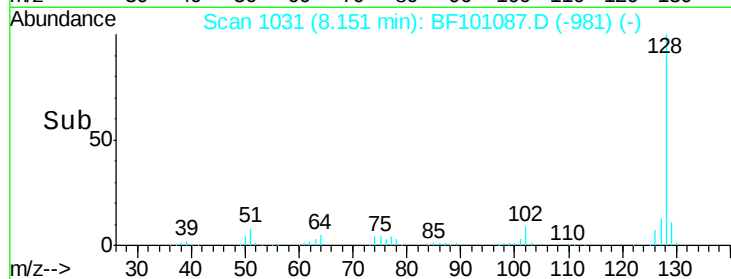
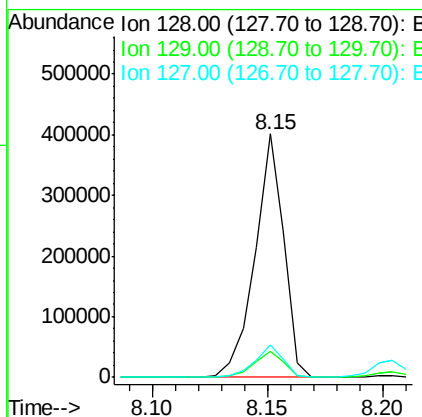
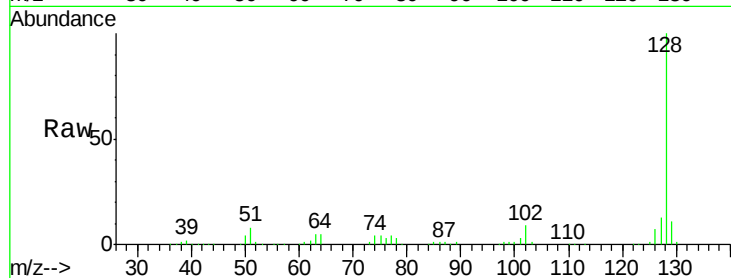




#31
Naphthalene
Concen: 36.59 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

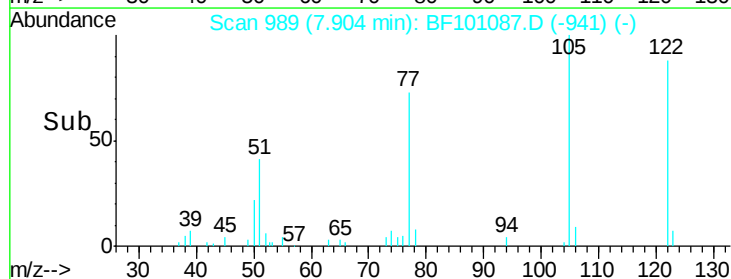
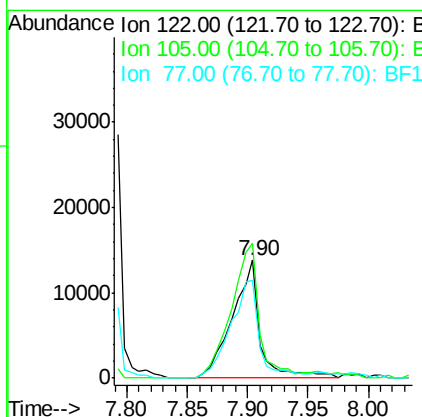
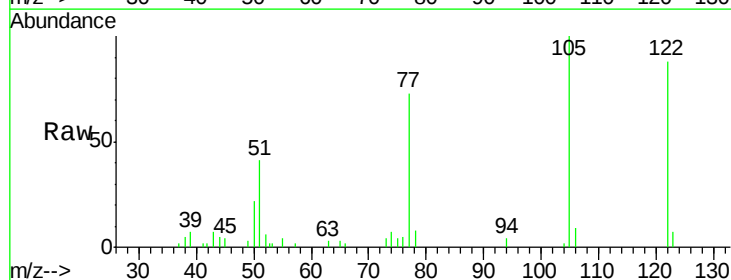
Instrument :
BNA_F
ClientSampleId :

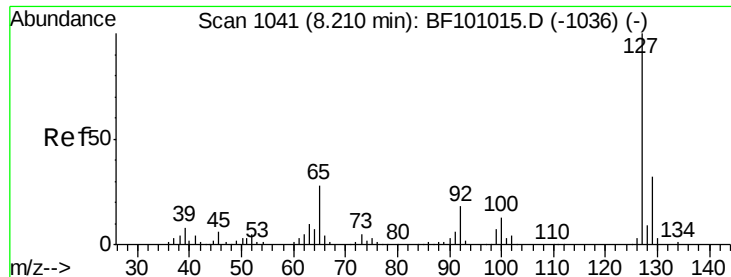
Tot Ion:128 Resp: 350402
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.2 10.9 16.3



#32
Benzoic acid
Concen: 11.19 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Tgt Ion:122 Resp: 22063
Ion Ratio Lower Upper
122 100
105 114.2 101.1 141.1
77 83.4 70.7 110.7

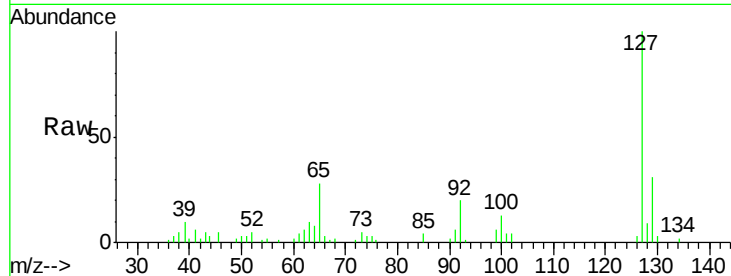




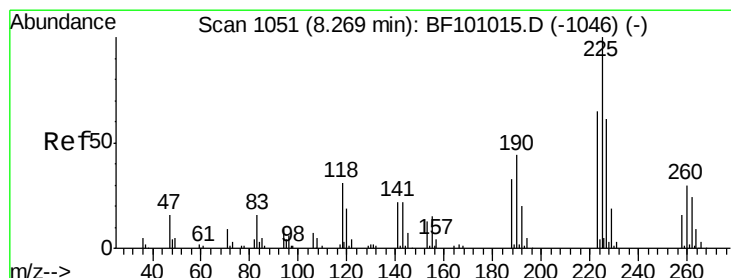
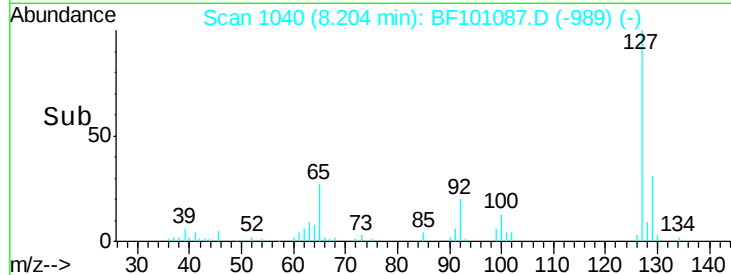
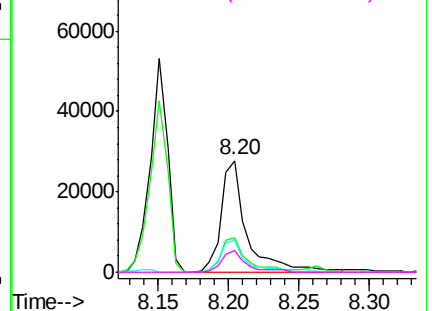
#33
 4-Chloroaniline
 Concen: 9.18 ng
 RT: 8.20 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF101087.D
 Acq: 4 Dec 2017 10:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	35329
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.9	38.9
65	28.4	25.0	37.4
92	19.7	15.2	22.8

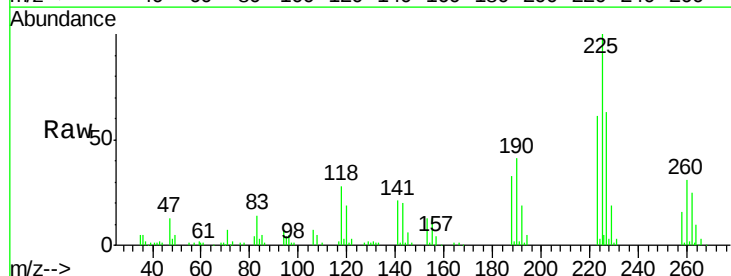


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

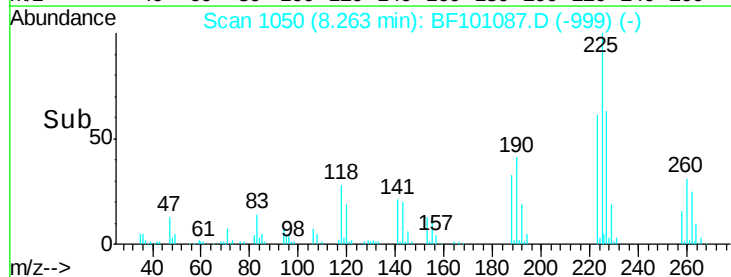
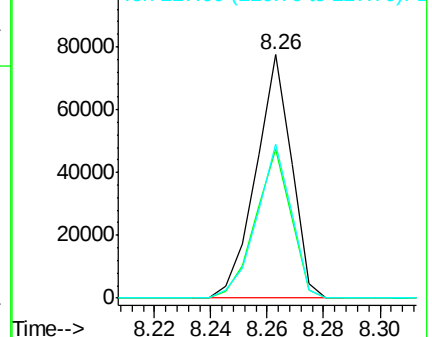


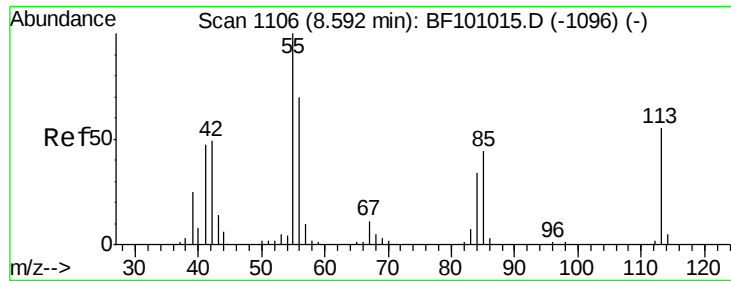
#34
 Hexachlorobutadiene
 Concen: 36.25 ng
 RT: 8.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF101087.D
 Acq: 4 Dec 2017 10:28

Tgt Ion:	225	Resp:	67468
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.6	76.0
227	63.1	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

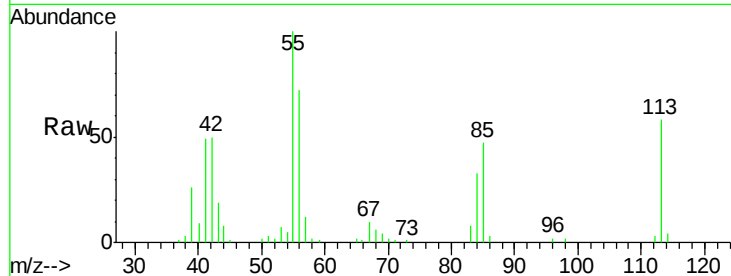




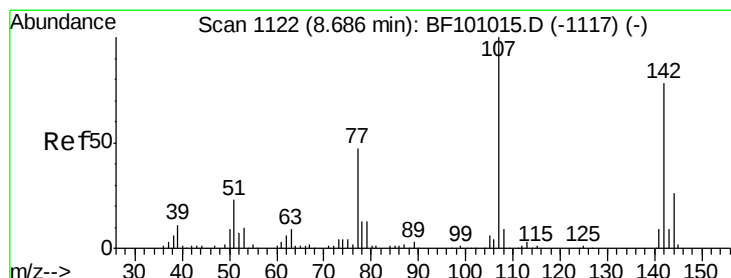
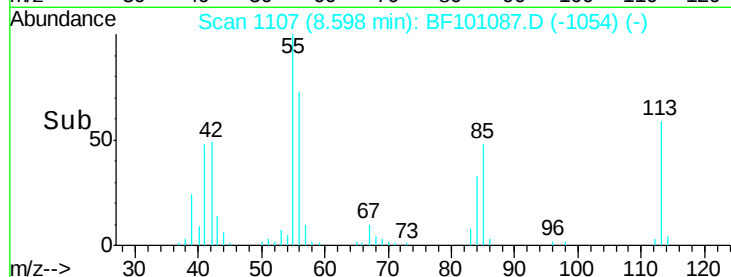
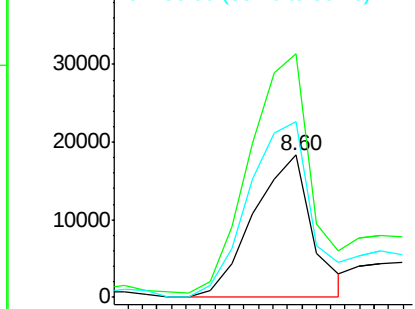
#35
 Caprolactam
 Concen: 23.88 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF101087.D
 Acq: 4 Dec 2017 10:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 20535
 Ion Ratio Lower Upper
 113 100
 55 171.1 163.3 203.3
 56 123.8 115.7 155.7

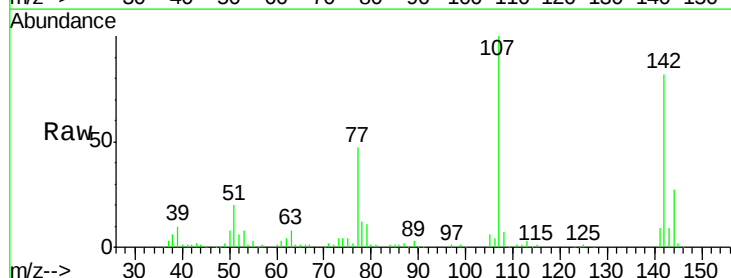


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

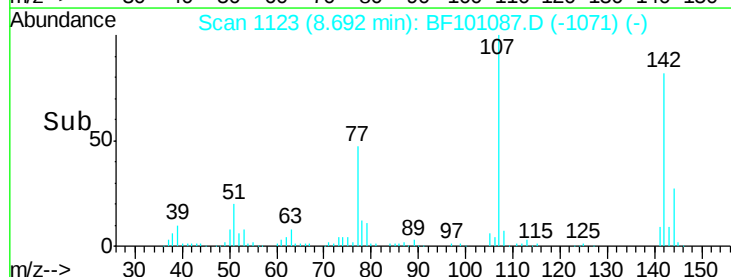
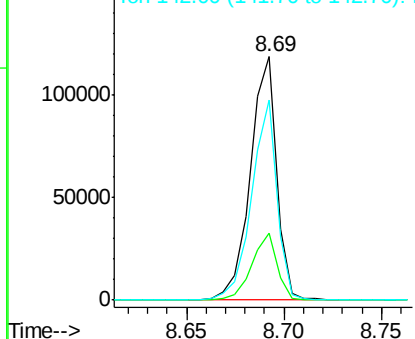


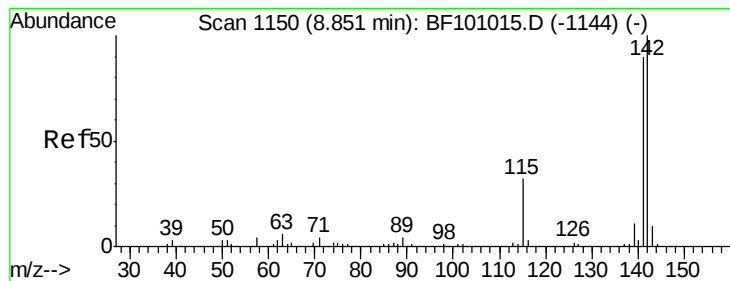
#36
 4-Chloro-3-methylphenol
 Concen: 39.02 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF101087.D
 Acq: 4 Dec 2017 10:28

Tgt Ion:107 Resp: 111561
 Ion Ratio Lower Upper
 107 100
 144 27.3 20.5 30.7
 142 82.1 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.01 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

Instrument :

BNA_F

ClientSampleId :

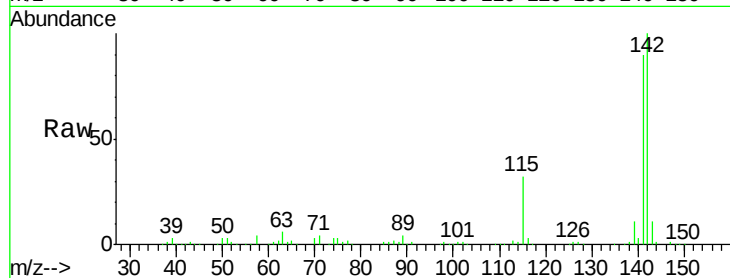
Tot Ion:142 Resp: 247334

Ion Ratio Lower Upper

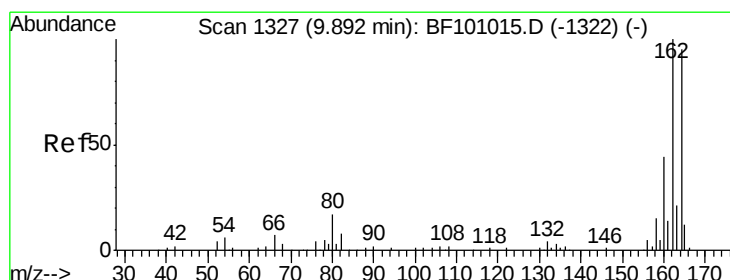
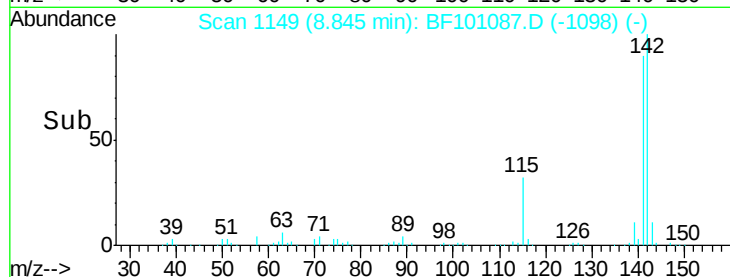
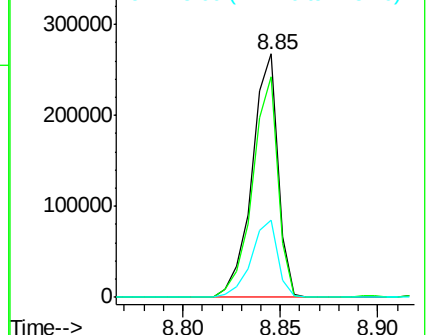
142 100

141 90.3 70.8 106.2

115 31.5 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: 20.00 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

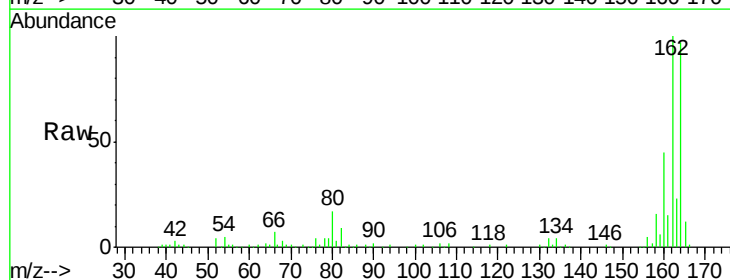
Tgt Ion:164 Resp: 95885

Ion Ratio Lower Upper

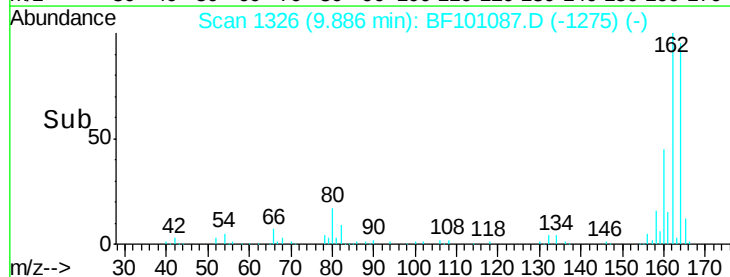
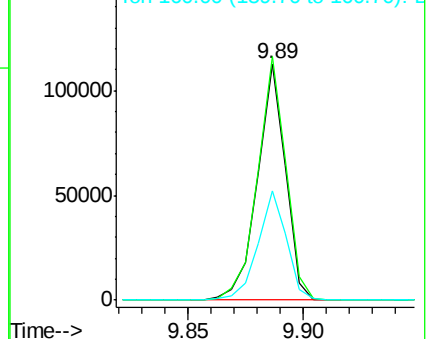
164 100

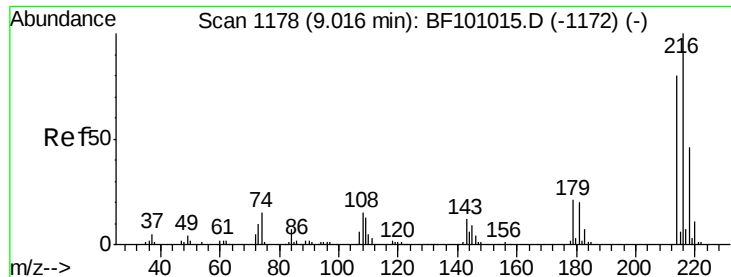
162 103.0 86.1 129.1

160 45.9 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

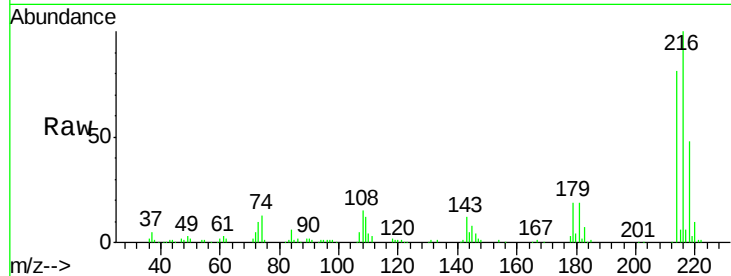




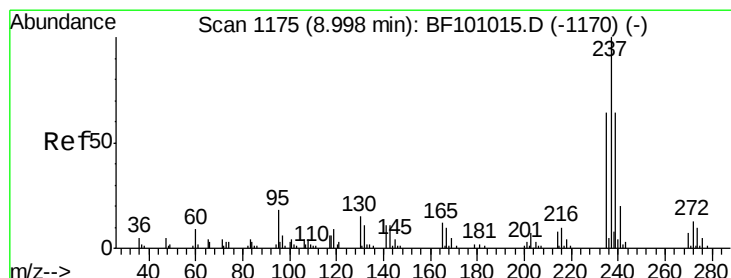
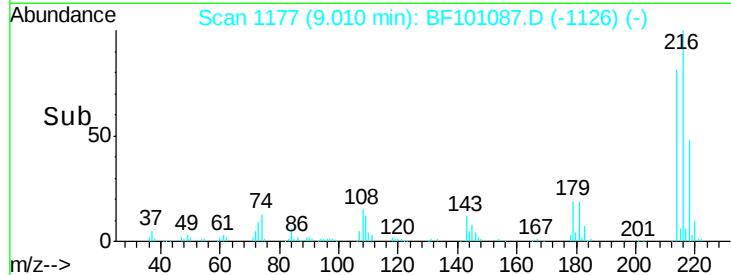
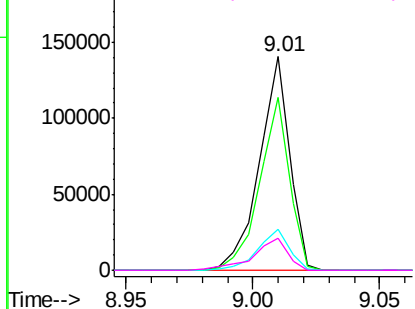
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.80 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF101087.D
 Acq: 4 Dec 2017 10:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	117742
Ion Ratio	Lower	Upper
216	100	
214	79.7	63.0 94.4
179	19.9	18.1 27.1
108	17.2	17.2 25.8

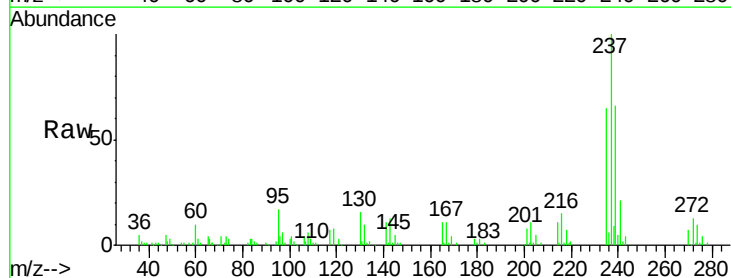


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

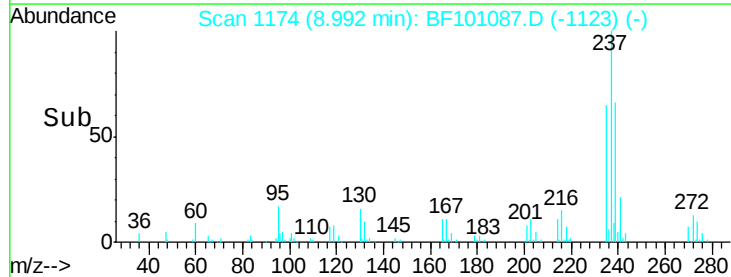
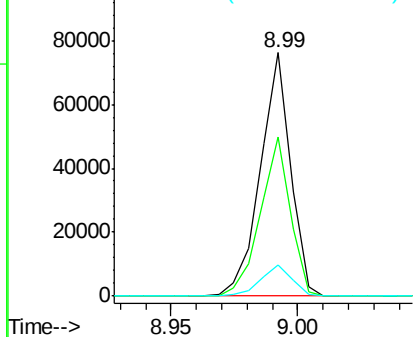


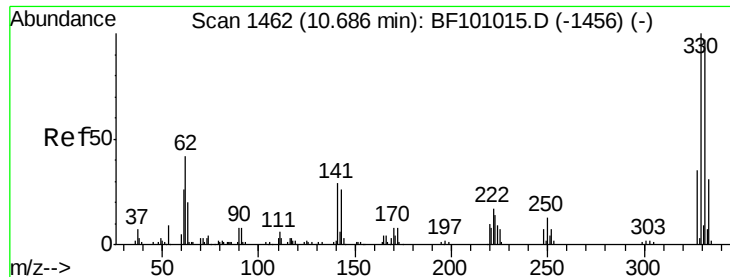
#40
 Hexachlorocyclopentadiene
 Concen: 52.89 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF101087.D
 Acq: 4 Dec 2017 10:28

Tgt Ion:237	Resp:	63232
Ion Ratio	Lower	Upper
237	100	
235	65.3	44.8 84.8
272	12.8	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: 110.23 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

Instrument :

BNA_F

ClientSampled :

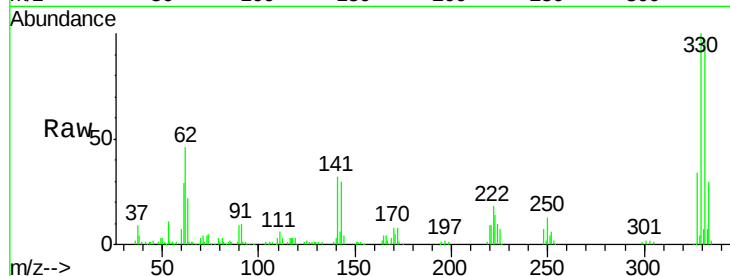
Tot Ion:330 Resp: 126965

Ion Ratio Lower Upper

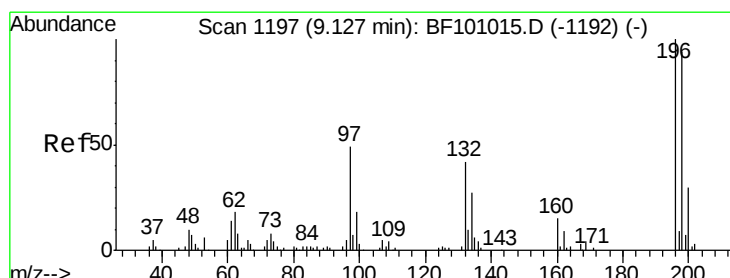
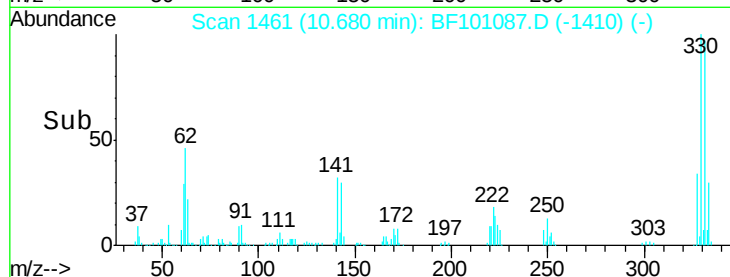
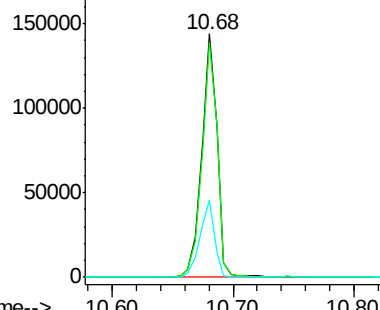
330 100

332 96.4 77.0 115.6

141 30.3 29.9 44.9



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



#42

2,4,6-Trichlorophenol

Concen: 39.14 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

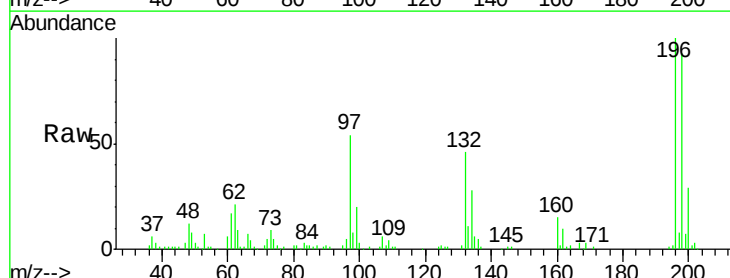
Tgt Ion:196 Resp: 79926

Ion Ratio Lower Upper

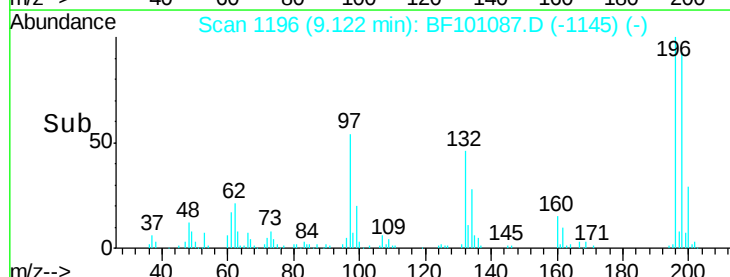
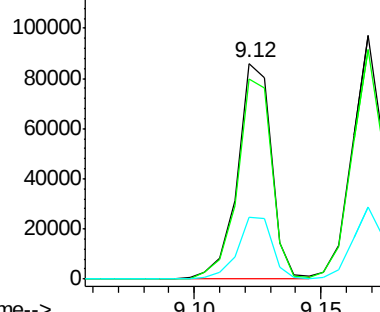
196 100

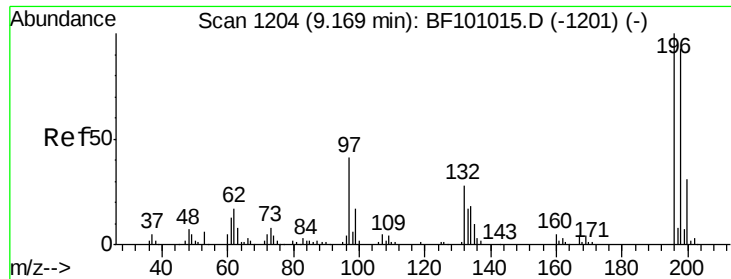
198 93.0 75.7 113.5

200 28.6 24.5 36.7



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

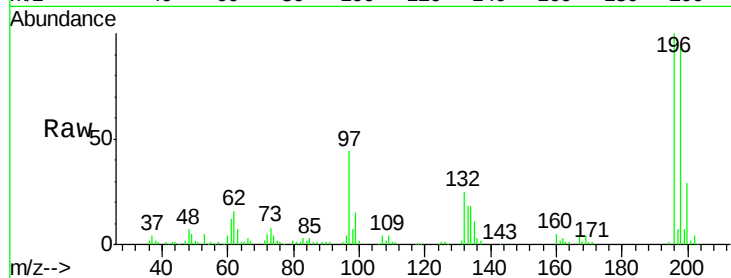




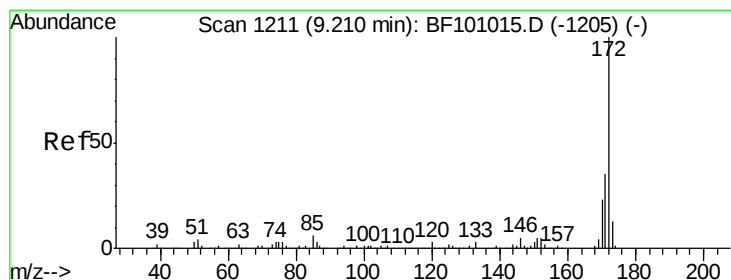
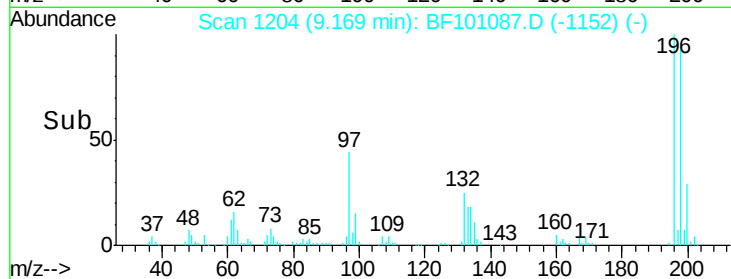
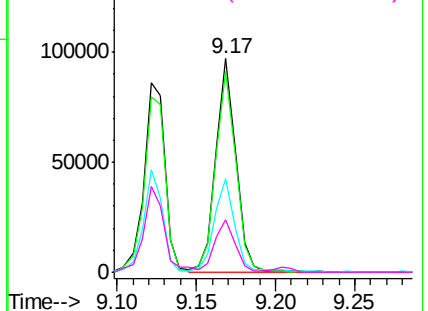
#43
 2,4,5-Trichlorophenol
 Concen: 39.39 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF101087.D
 Acq: 4 Dec 2017 10:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	74.6	112.0
97	43.6	42.9	64.3
132	24.7	26.3	39.5

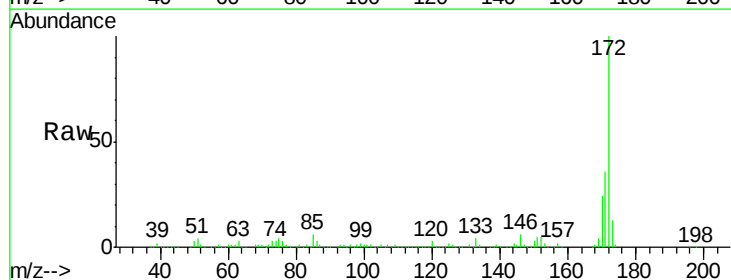


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

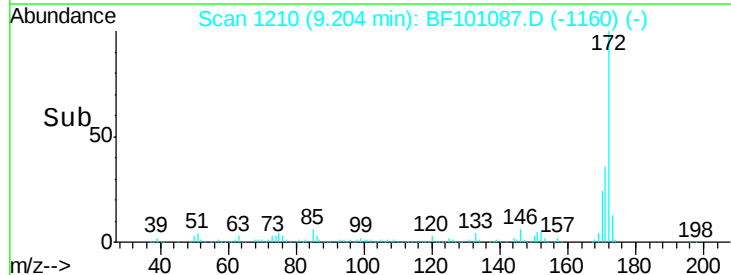
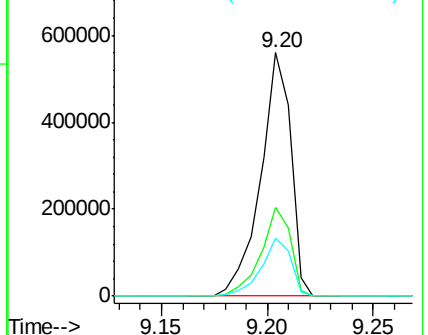


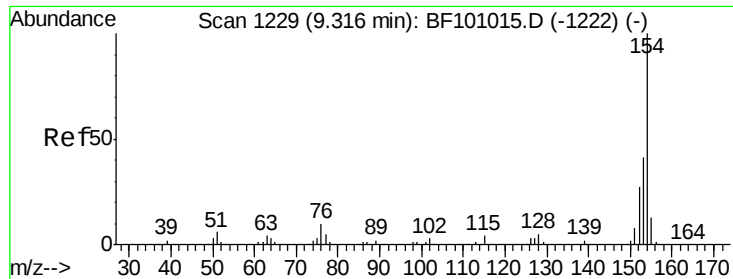
#44
 2-Fluorobiphenyl
 Concen: 79.43 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101087.D
 Acq: 4 Dec 2017 10:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.9	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: 33.77 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

Instrument :

BNA_F

ClientSampleId :

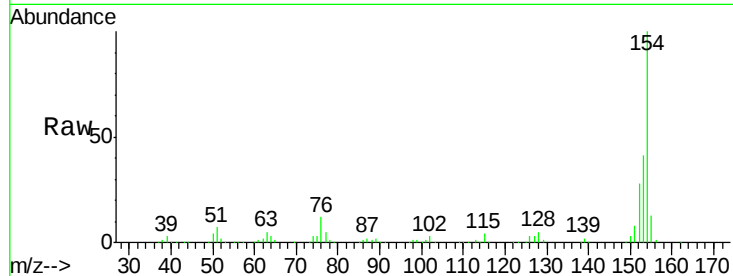
Tot Ion:154 Resp: 296642

Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

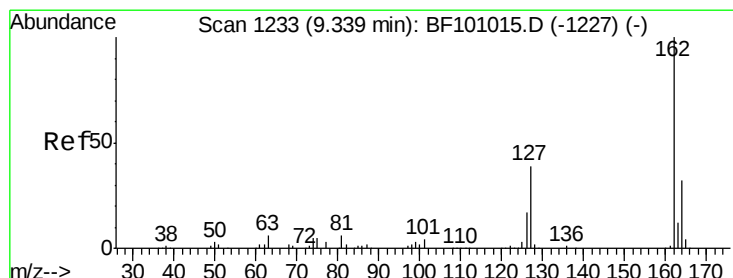
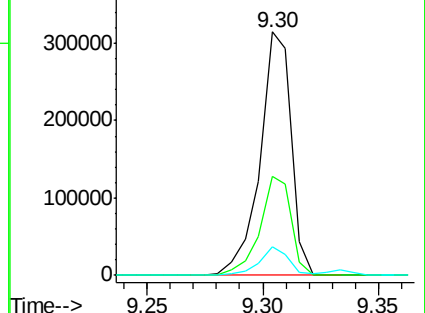
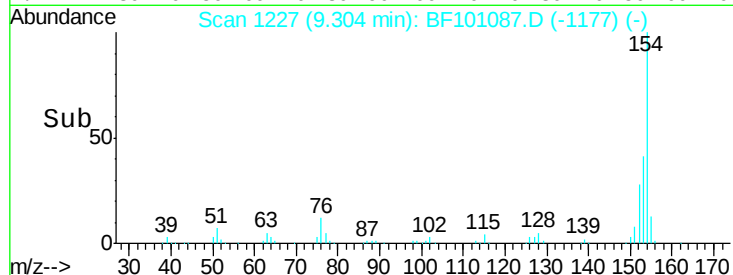
76 11.7 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 37.34 ng

RT: 9.33 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

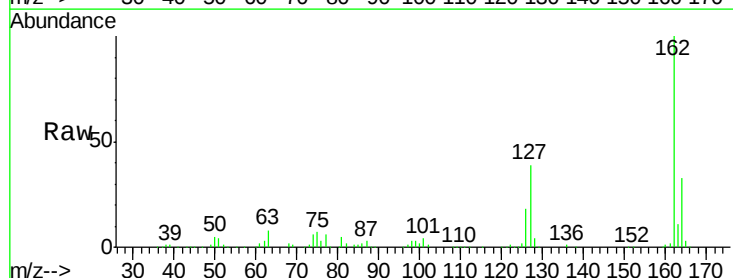
Tgt Ion:162 Resp: 232986

Ion Ratio Lower Upper

162 100

127 38.9 33.9 50.9

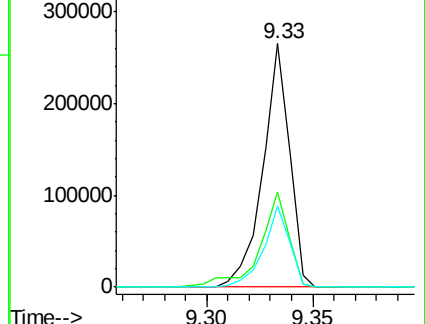
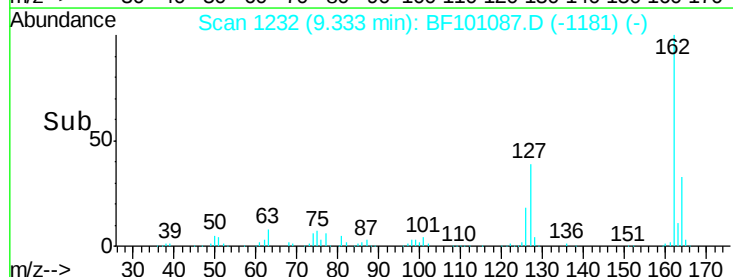
164 33.4 26.5 39.7

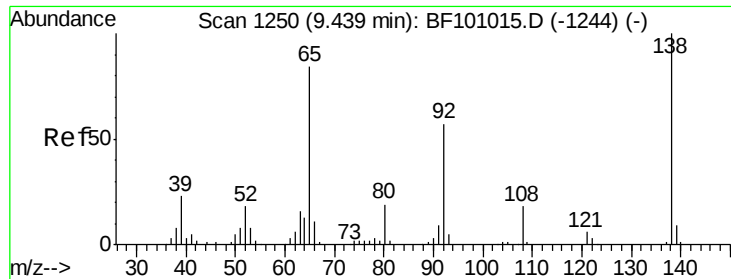


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

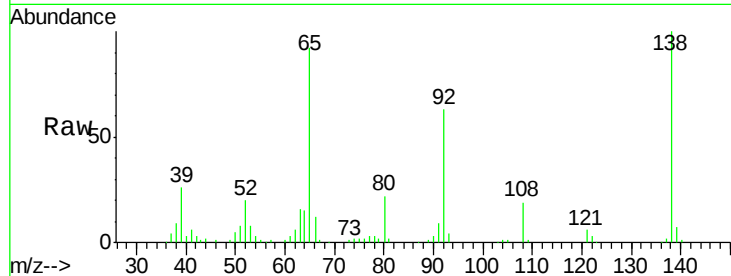




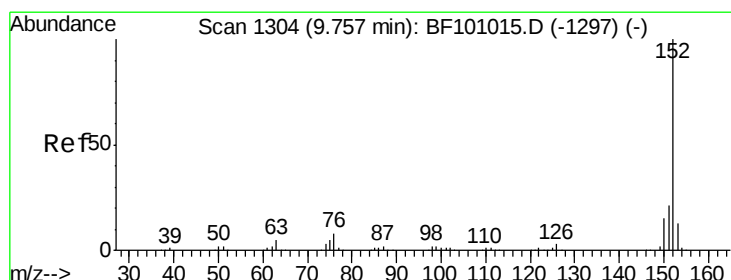
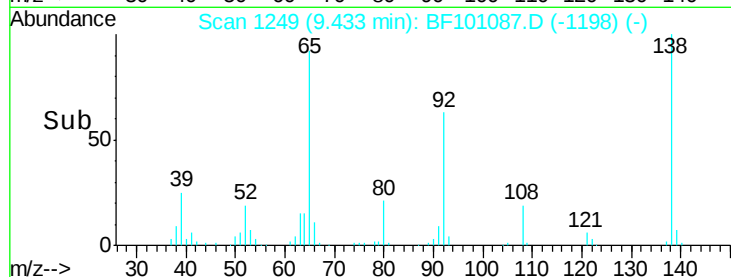
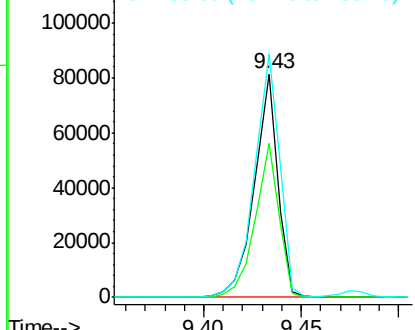
#47
2-Nitroaniline
Concen: 36.97 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 68241
Ion Ratio Lower Upper
65 100
92 68.8 55.8 83.6
138 108.9 91.2 136.8

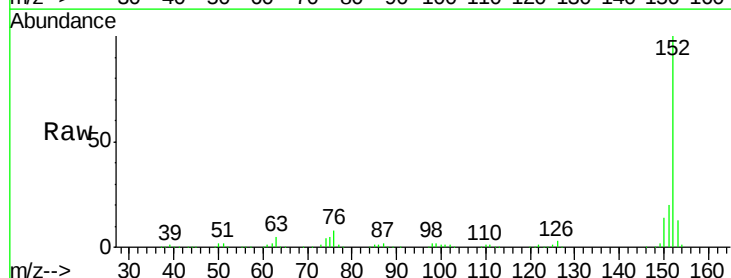


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

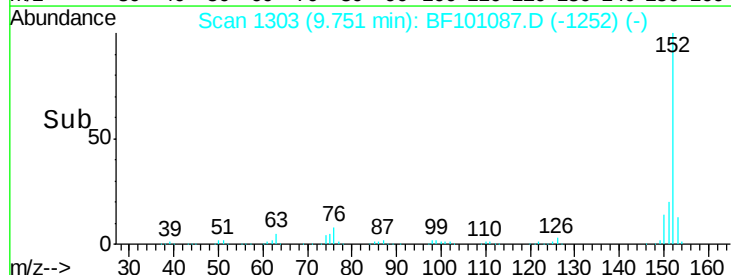
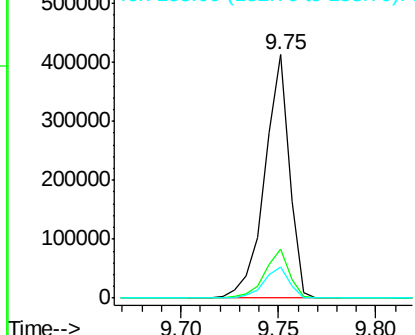


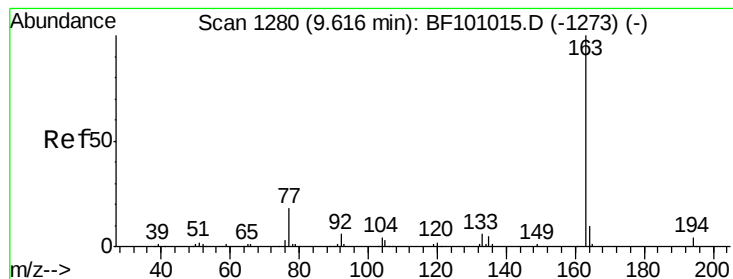
#48
Acenaphthylene
Concen: 35.27 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Tgt Ion: 152 Resp: 361629
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.0 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 35.56 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

Instrument :

BNA_F

ClientSampleId :

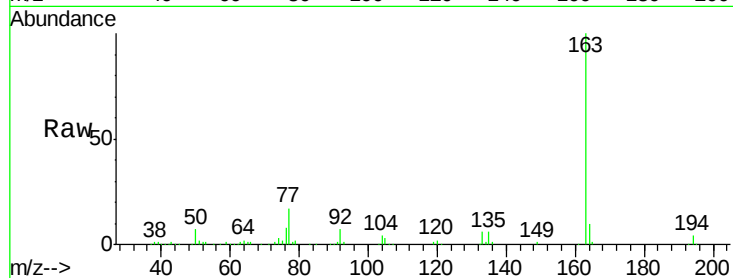
Tot Ion:163 Resp: 274963

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

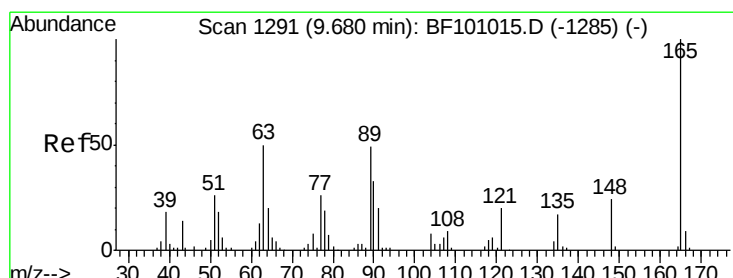
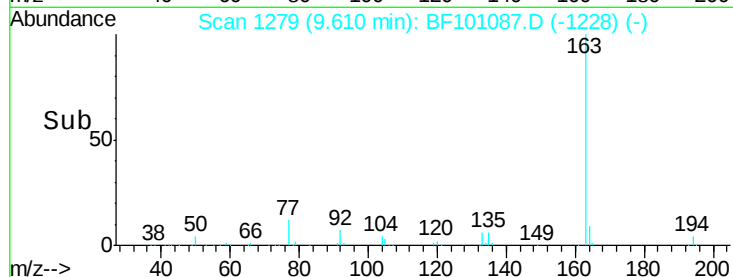
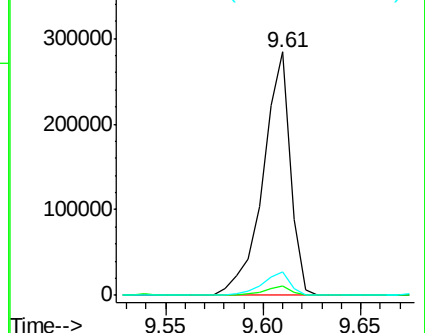
164 9.9 8.2 12.2



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: 37.46 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

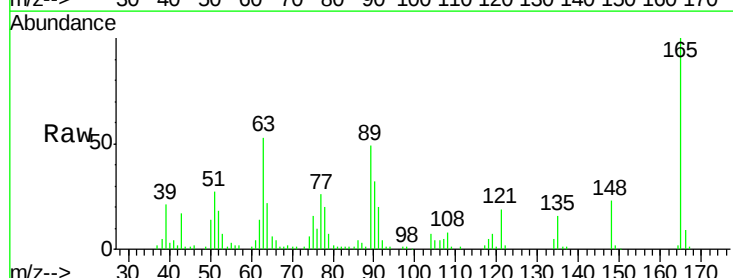
Tgt Ion:165 Resp: 61018

Ion Ratio Lower Upper

165 100

63 52.9 44.7 67.1

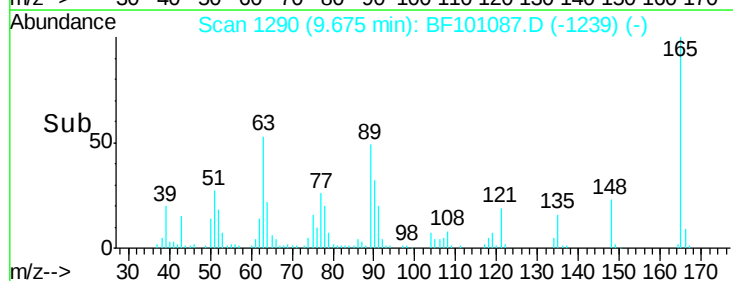
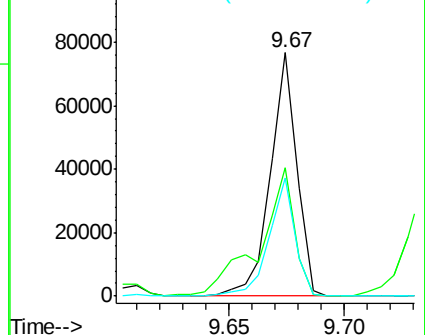
89 48.6 44.0 66.0

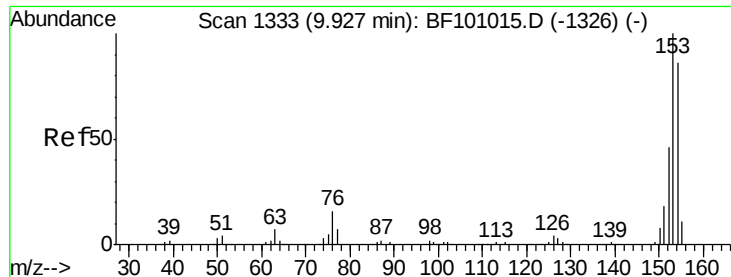


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

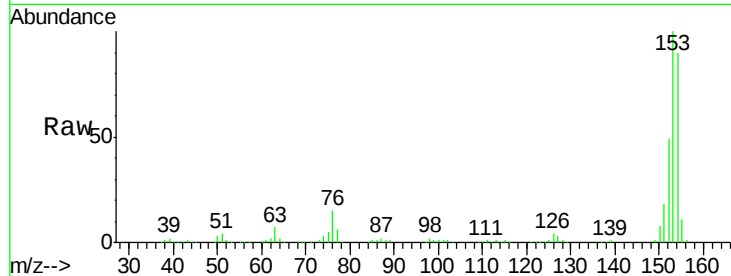




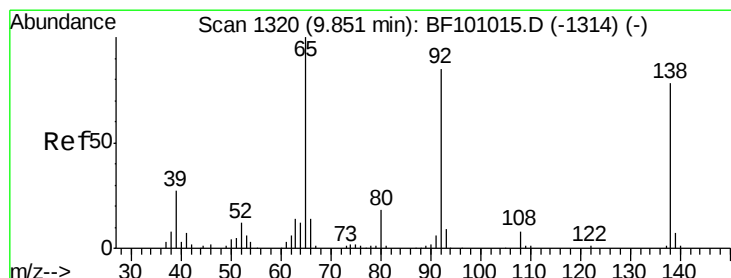
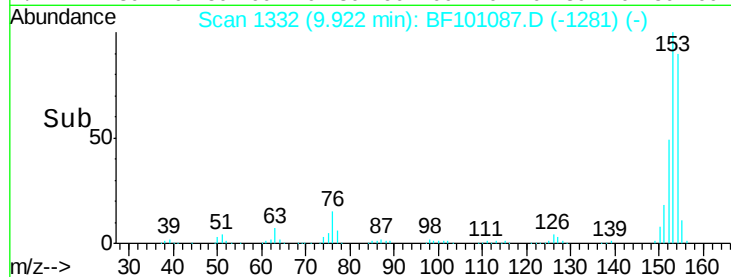
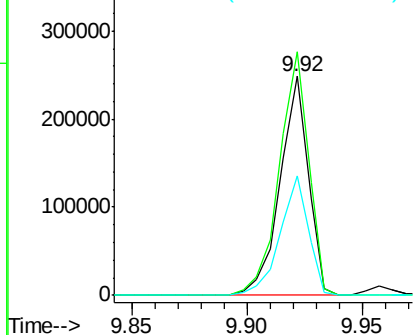
#51
Acenaphthene
Concen: 34.42 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 211347
Ion Ratio Lower Upper
154 100
153 111.2 91.2 136.8
152 54.6 43.8 65.8

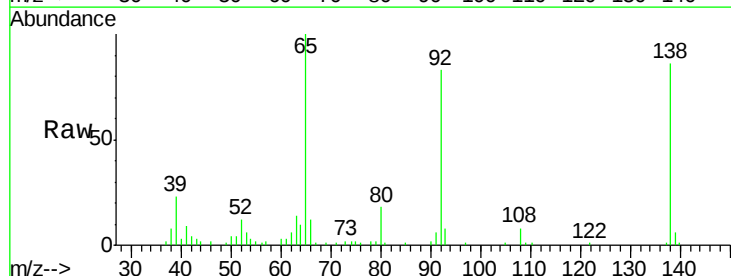


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

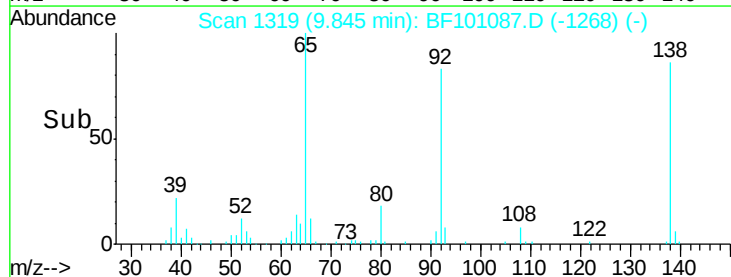
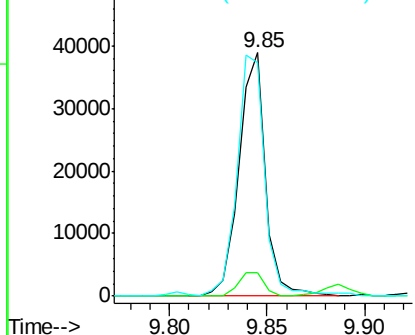


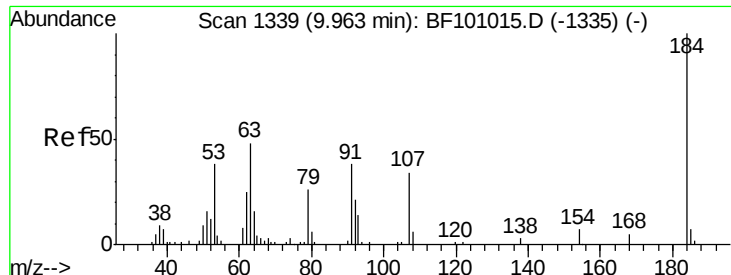
#52
3-Nitroaniline
Concen: 20.04 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Tgt Ion:138 Resp: 36710
Ion Ratio Lower Upper
138 100
108 9.4 9.4 14.0
92 95.8 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

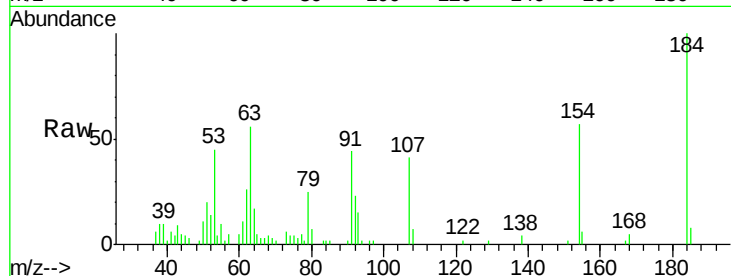




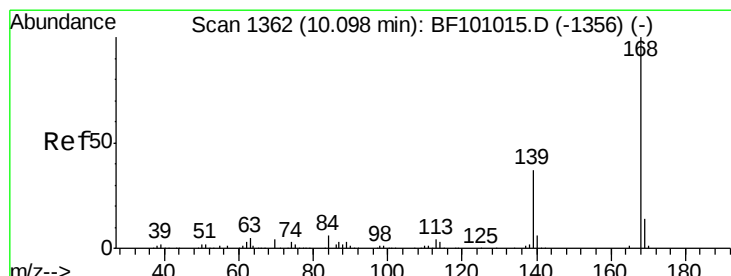
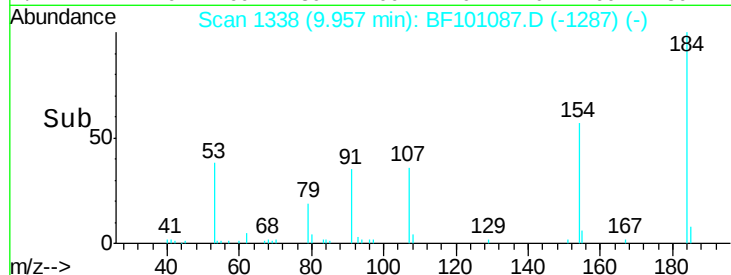
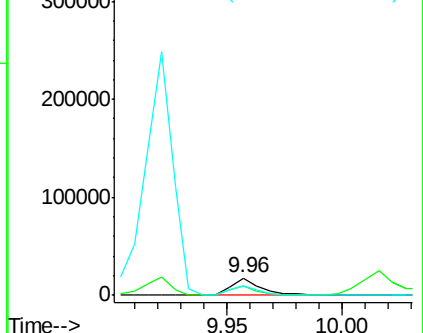
#53
2,4-Dinitrophenol
Concen: 22.89 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 16102
Ion Ratio Lower Upper
184 100
63 56.1 54.2 81.2
154 57.0 184.0 276.0#

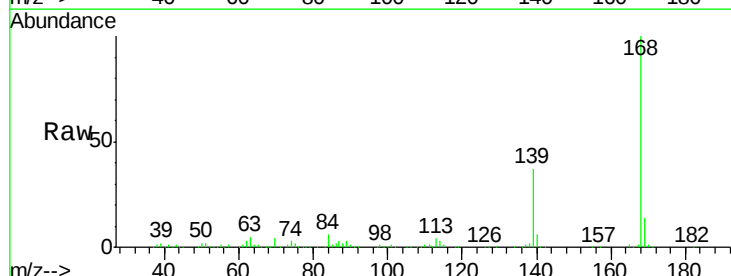


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

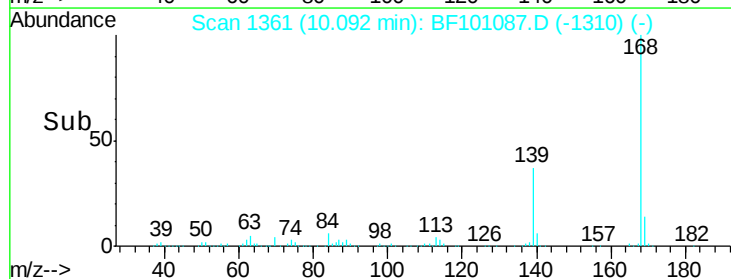
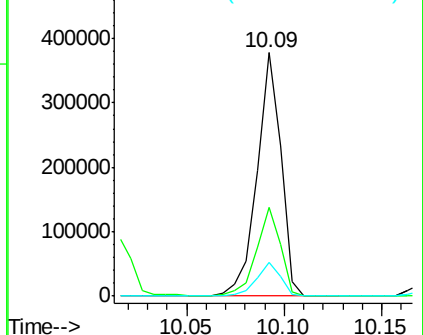


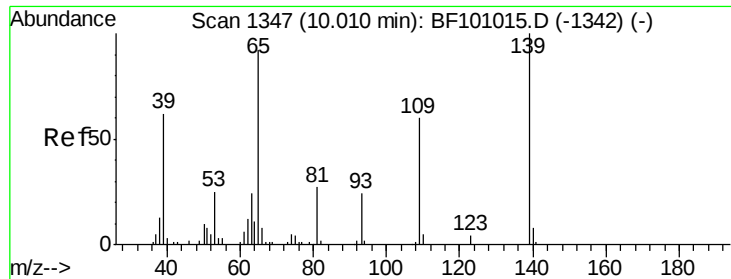
#54
Dibenzofuran
Concen: 36.28 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Tgt Ion:168 Resp: 321023
Ion Ratio Lower Upper
168 100
139 36.6 30.1 45.1
169 13.9 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

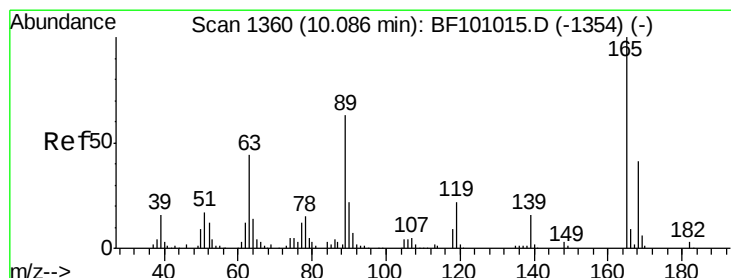
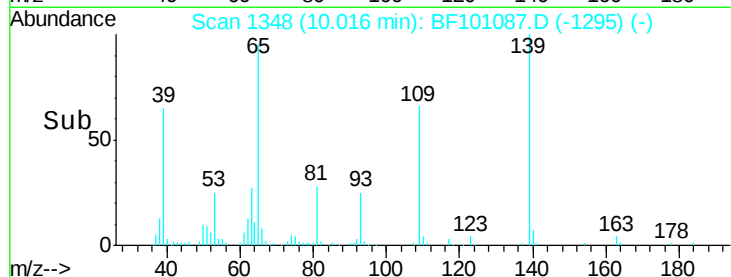
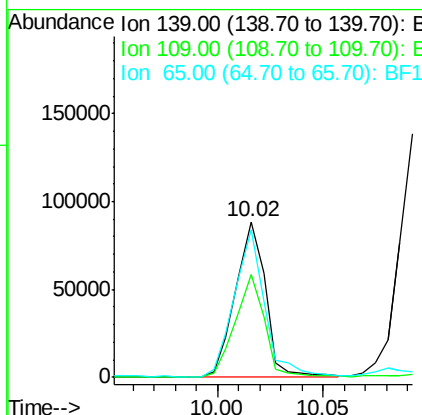
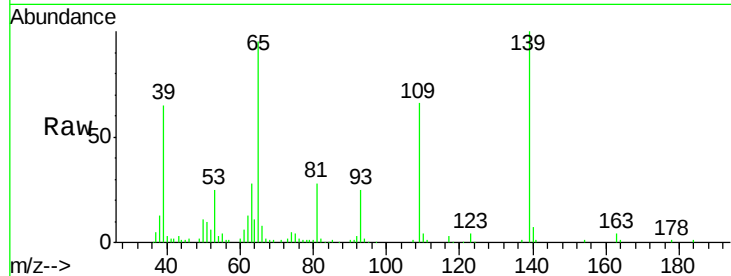




#55
4-Nitrophenol
Concen: 71.29 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

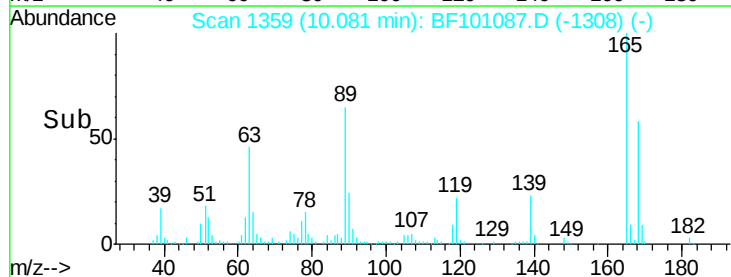
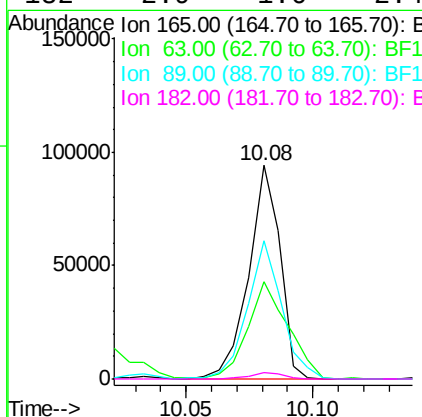
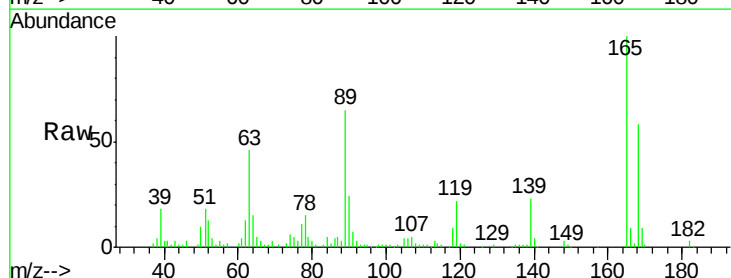
Instrument :
BNA_F
ClientSampleId :

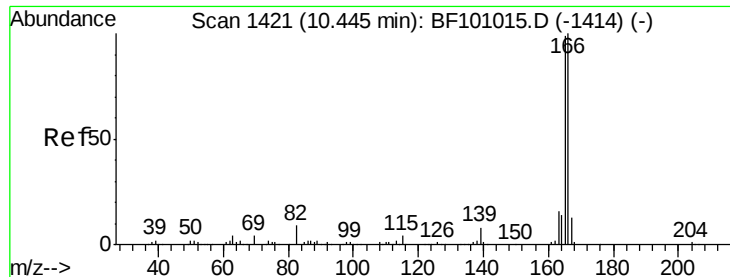
Tot Ion:139 Resp: 88055
Ion Ratio Lower Upper
139 100
109 66.0 48.4 88.4
65 94.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 37.27 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Tgt Ion:165 Resp: 81350
Ion Ratio Lower Upper
165 100
63 45.7 36.4 54.6
89 64.6 57.8 86.6
182 2.9 1.6 2.4#

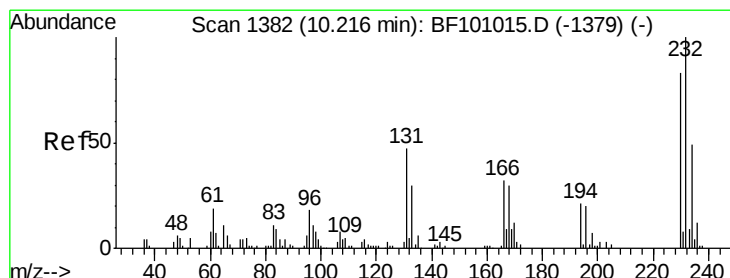
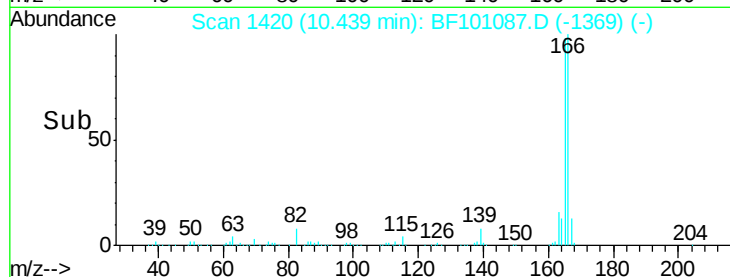
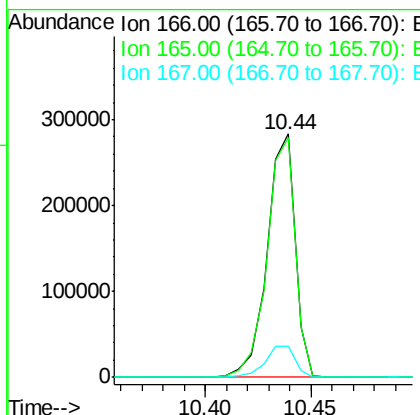
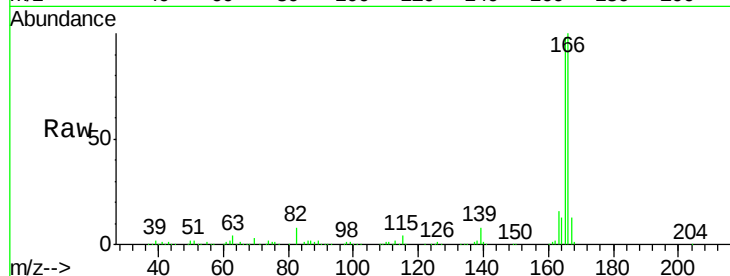




#57
 Fluorene
 Concen: 36.29 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF101087.D
 Acq: 4 Dec 2017 10:28

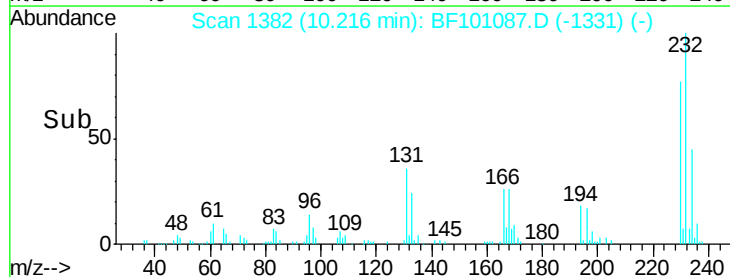
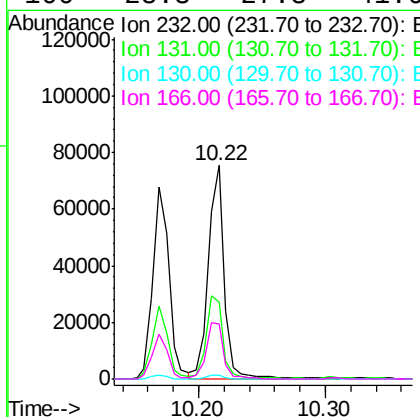
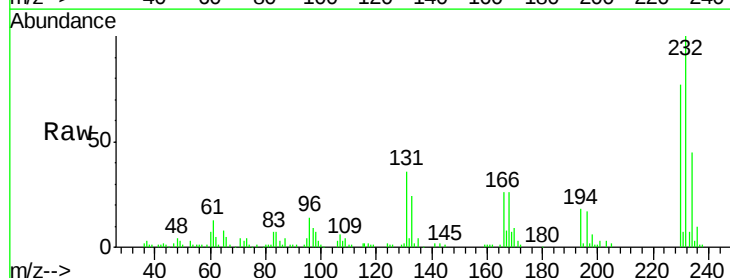
Instrument :
 BNA_F
 ClientSampleId :

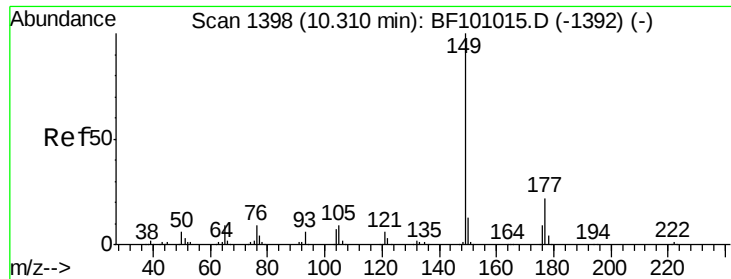
Tot Ion:166 Resp: 261035
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.8 119.8
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.73 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF101087.D
 Acq: 4 Dec 2017 10:28

Tgt Ion:232 Resp: 67688
 Ion Ratio Lower Upper
 232 100
 131 41.1 43.8 65.8#
 130 2.0 2.1 3.1#
 166 28.3 27.8 41.6

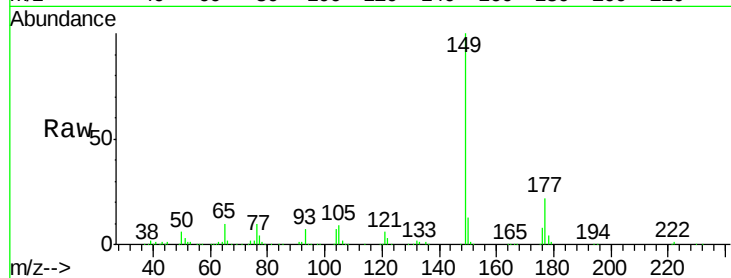




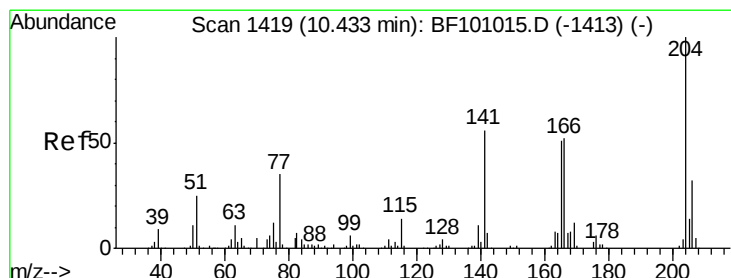
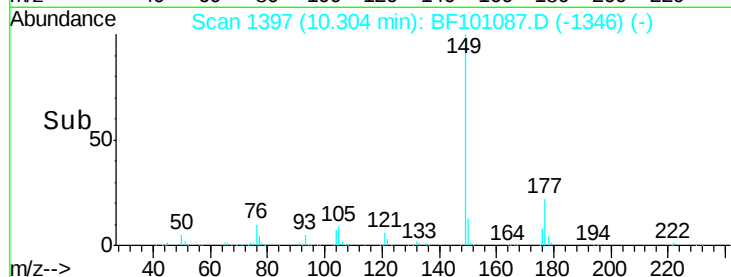
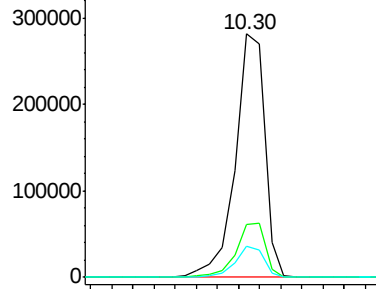
#59
Diethylphthalate
Concen: 36.06 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 275013
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.7 10.1 15.1

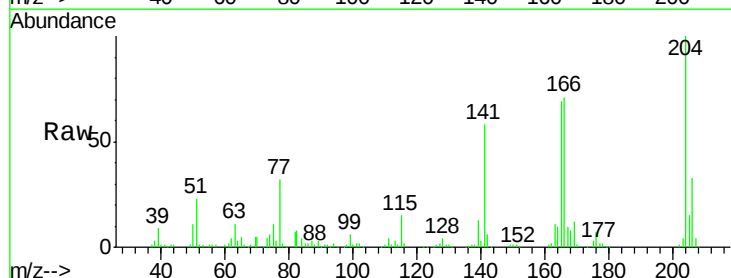


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

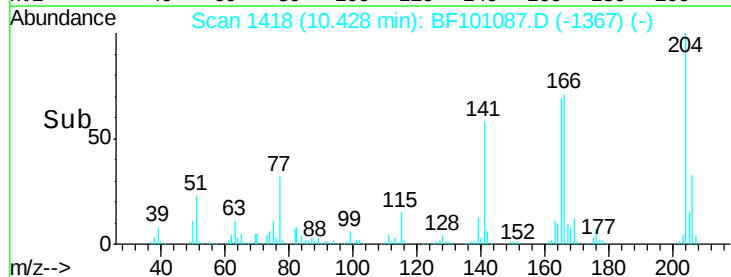
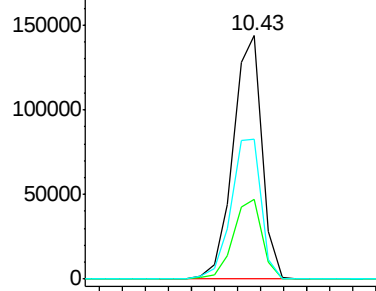


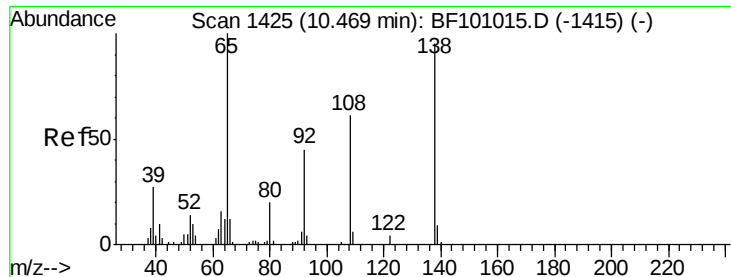
#60
4-Chlorophenyl-phenylether
Concen: 35.36 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Tgt Ion:204 Resp: 125569
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 57.6 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

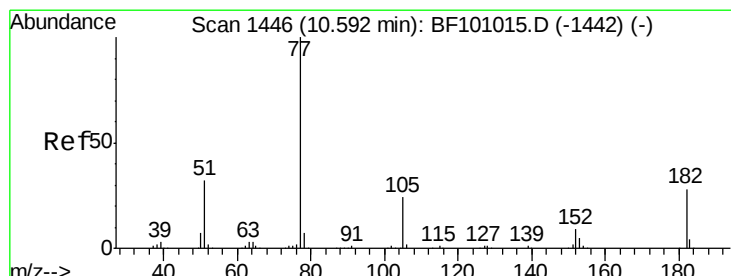
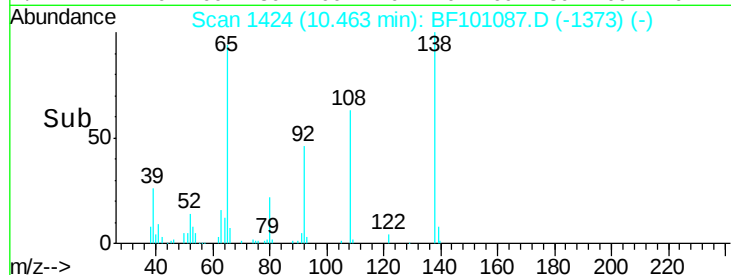
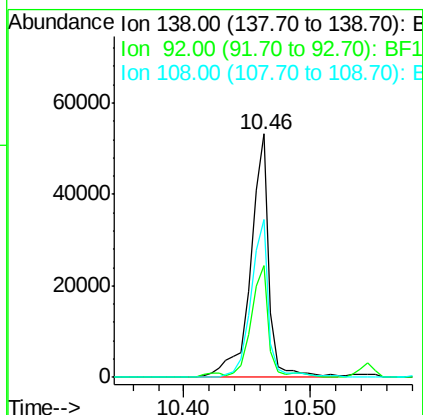
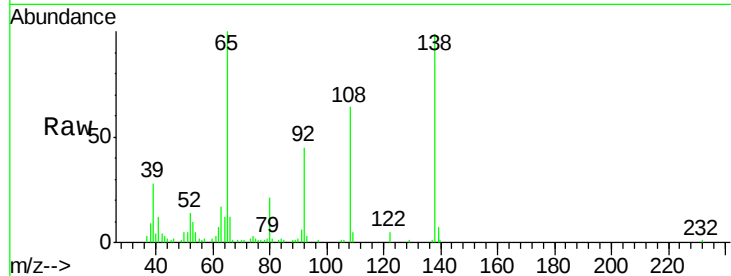




#61
4-Nitroaniline
Concen: 28.43 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

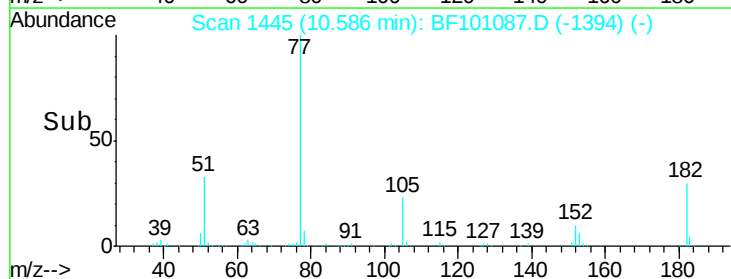
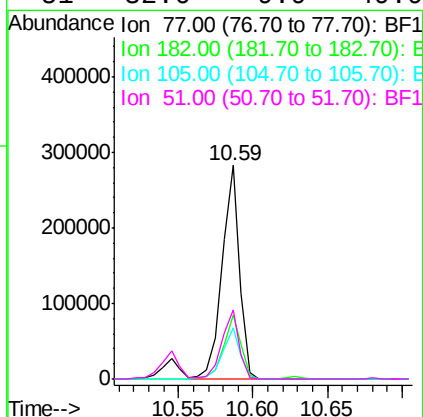
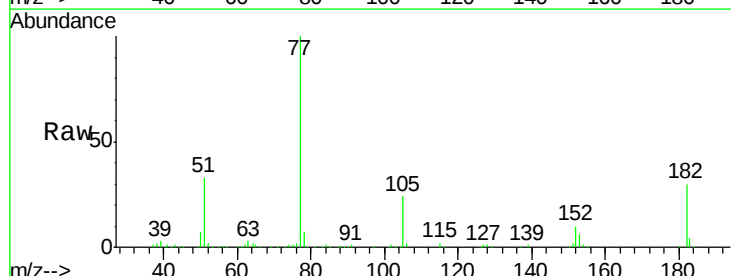
Instrument :
BNA_F
ClientSampleId :

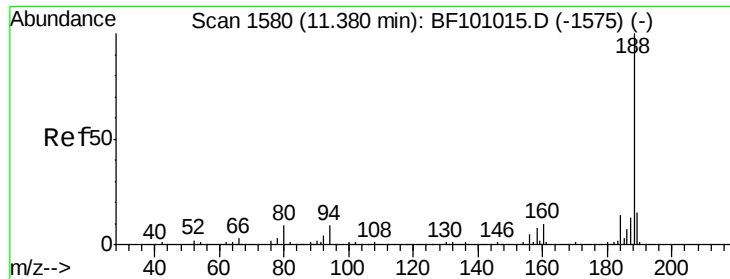
Tot Ion:138 Resp: 54050
Ion Ratio Lower Upper
138 100
92 45.8 30.2 70.2
108 64.7 52.5 92.5



#62
Azobenzene
Concen: 36.16 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Tgt Ion: 77 Resp: 234081
Ion Ratio Lower Upper
77 100
182 29.7 1.7 41.7
105 23.8 3.0 43.0
51 32.6 9.9 49.9

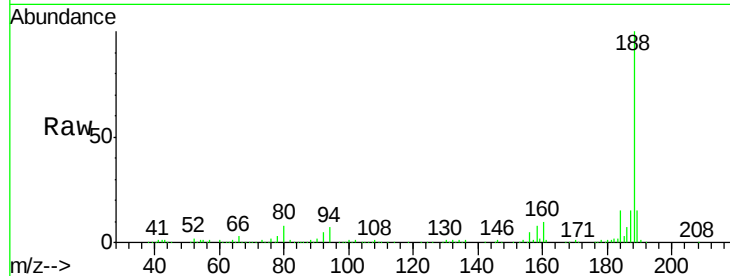




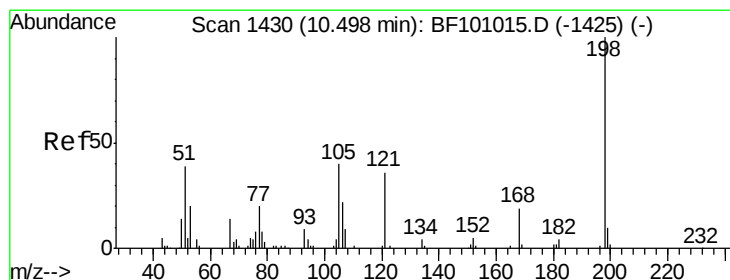
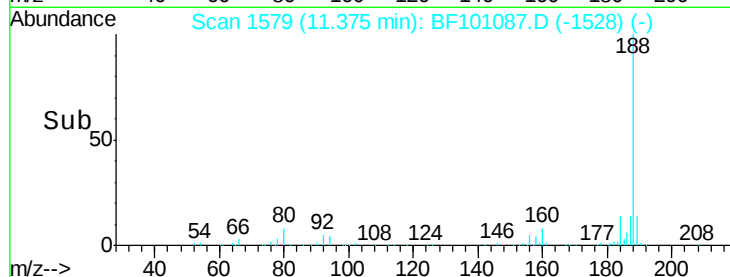
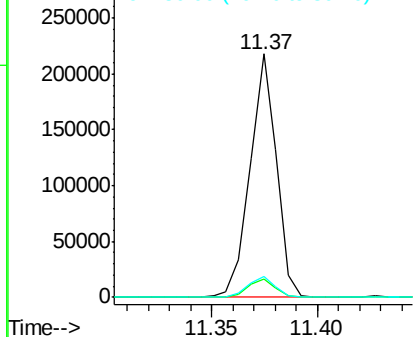
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 189726
Ion Ratio Lower Upper
188 100
94 7.5 8.5 12.7#
80 8.4 9.2 13.8#

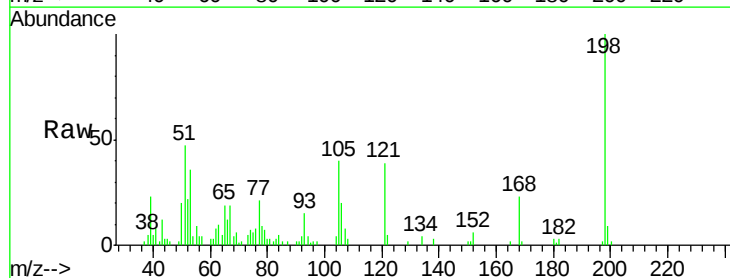


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

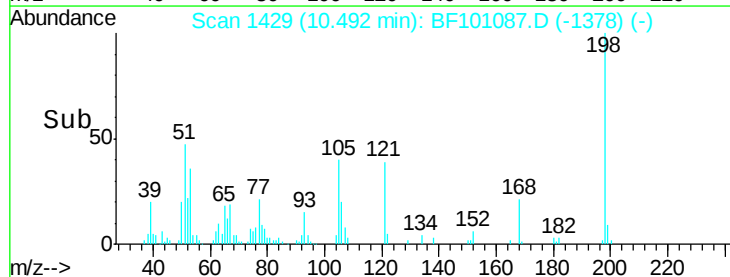
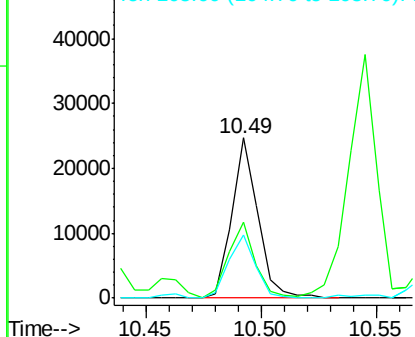


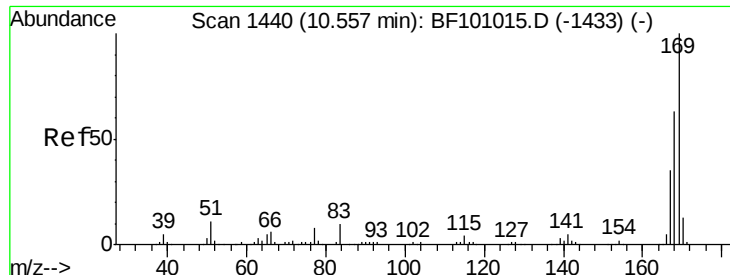
#64
4,6-Dinitro-2-methylphenol
Concen: 15.23 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Tgt Ion:198 Resp: 19378
Ion Ratio Lower Upper
198 100
51 47.4 37.7 77.7
105 39.7 36.3 76.3



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

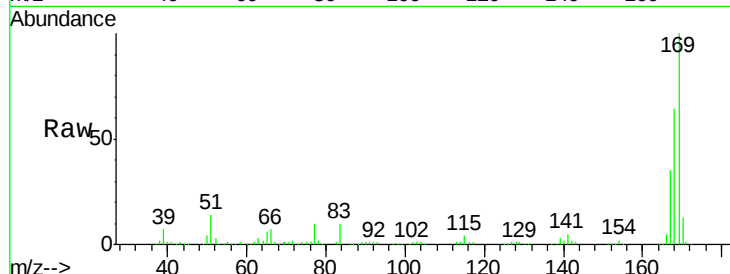




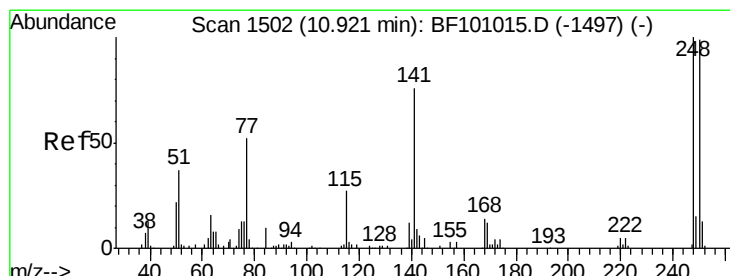
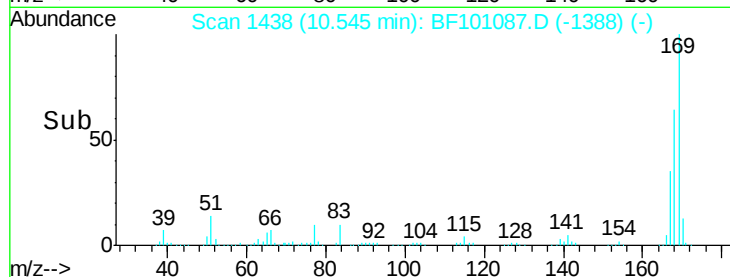
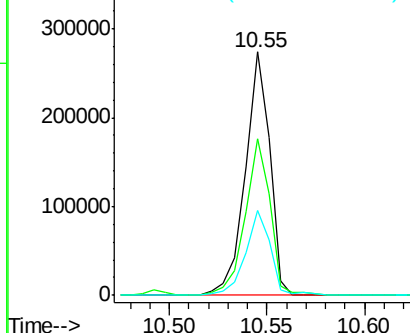
#65
n-Nitrosodiphenylamine
Concen: 35.67 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.3	54.4	81.6
167	34.7	29.8	44.6

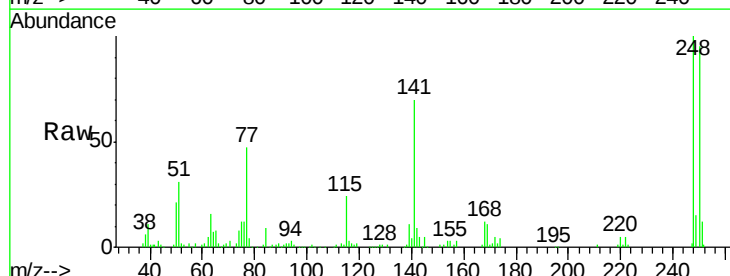


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

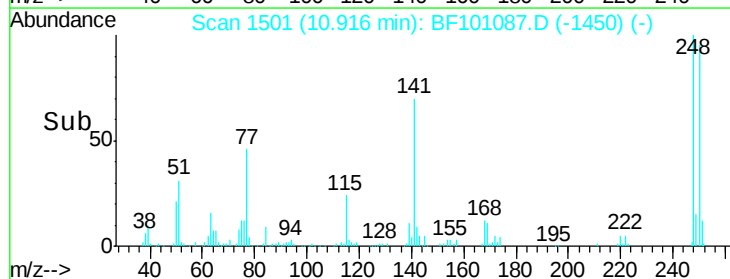
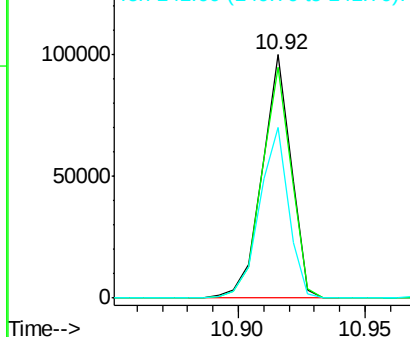


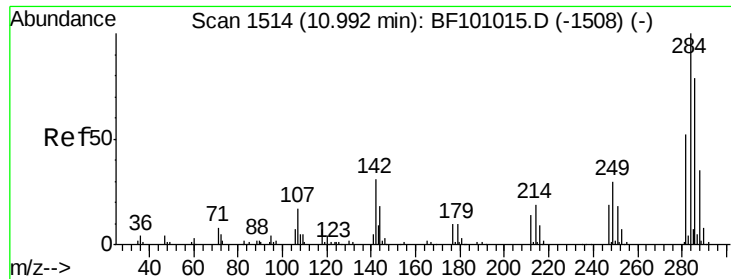
#66
4-Bromophenyl-phenylether
Concen: 37.80 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.9	76.9	115.3
141	70.3	74.4	111.6#



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

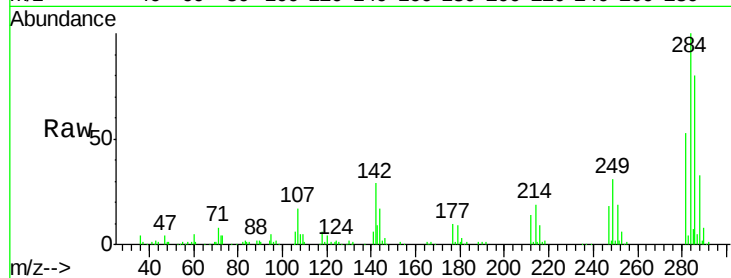




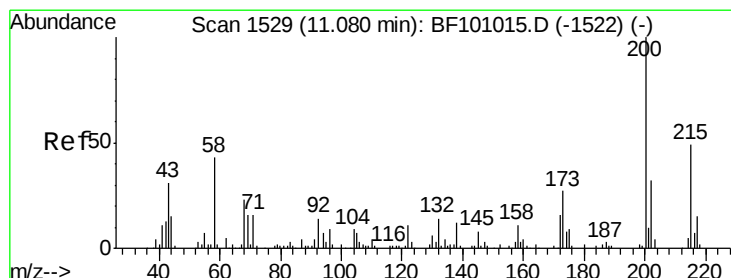
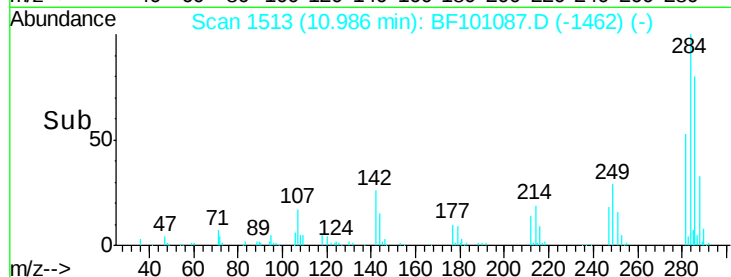
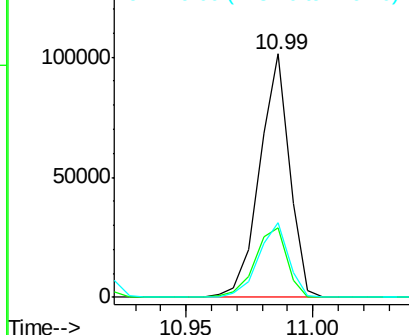
#67
Hexachlorobenzene
Concen: 36.64 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 83402
Ion Ratio Lower Upper
284 100
142 28.7 34.6 52.0#
249 30.6 24.8 37.2

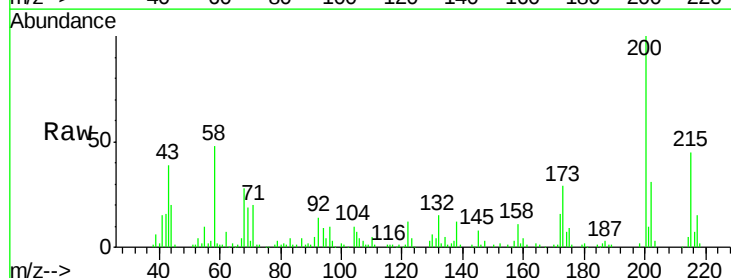


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

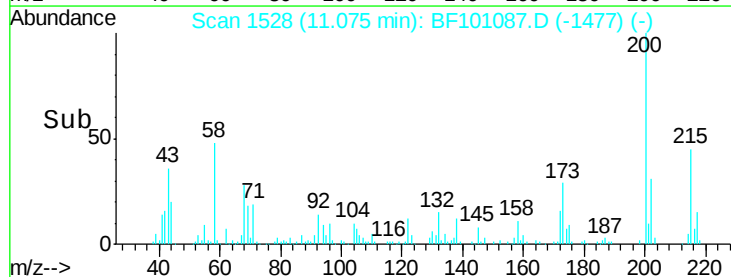
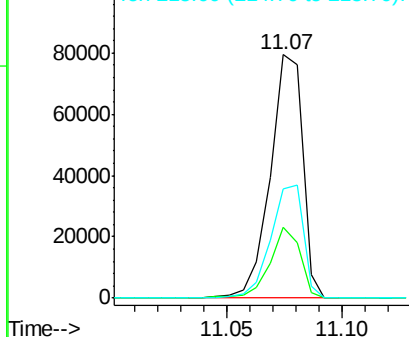


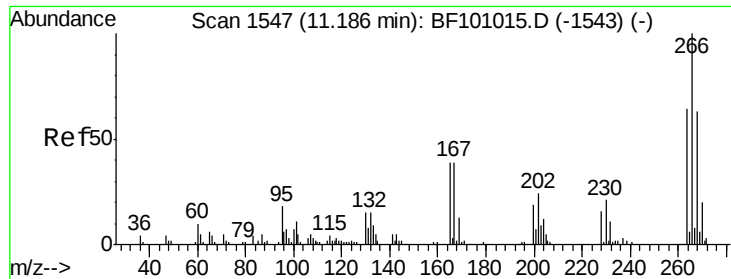
#68
Atrazine
Concen: 37.60 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Tgt Ion:200 Resp: 77195
Ion Ratio Lower Upper
200 100
173 28.9 8.6 48.6
215 44.9 25.1 65.1



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

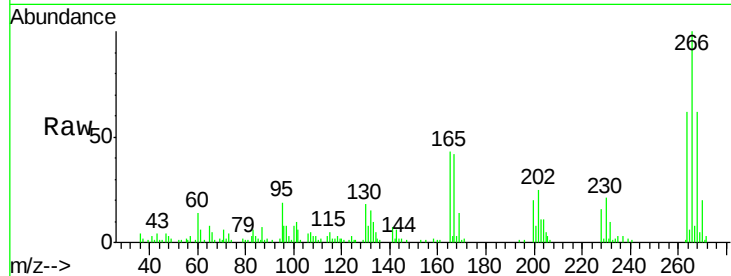




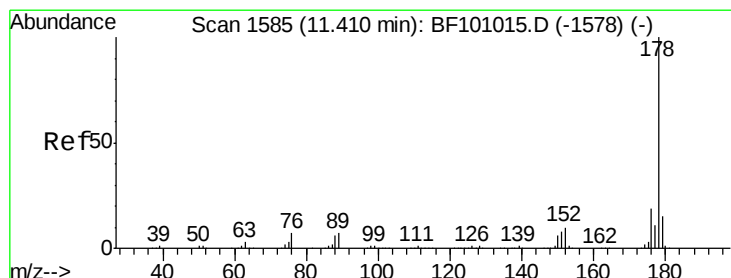
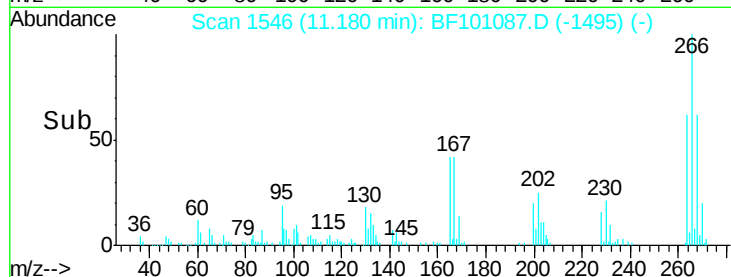
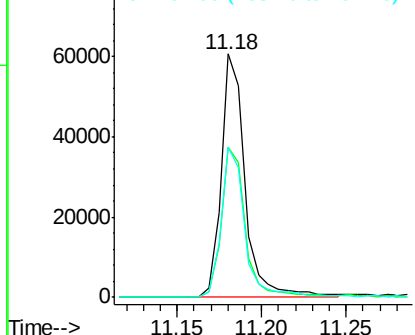
#69
 Pentachlorophenol
 Concen: 47.85 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF101087.D
 Acq: 4 Dec 2017 10:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 59886
 Ion Ratio Lower Upper
 266 100
 268 61.9 51.1 76.7
 264 61.8 49.5 74.3

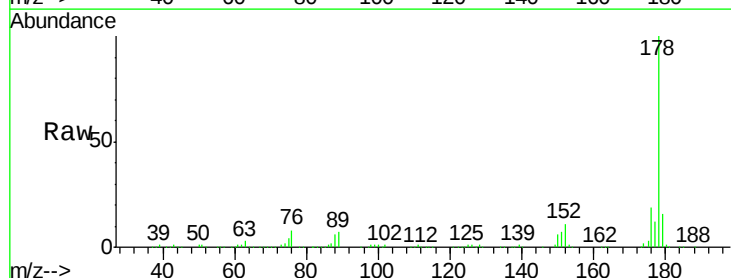


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

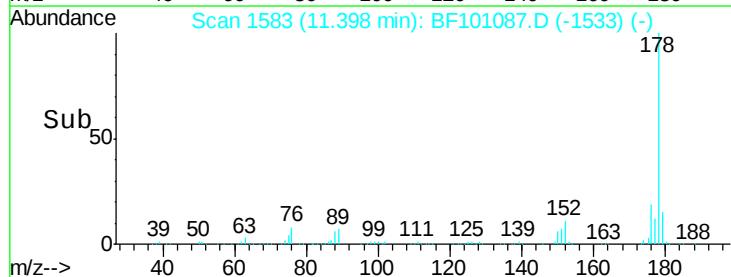
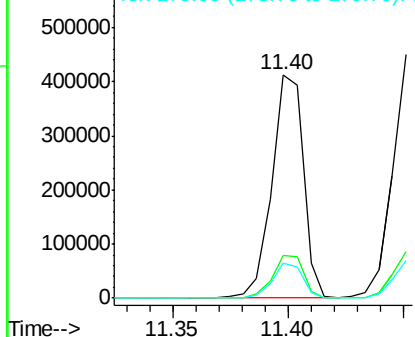


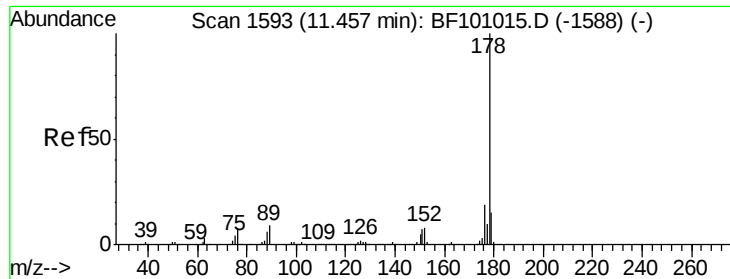
#70
 Phenanthrene
 Concen: 37.32 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF101087.D
 Acq: 4 Dec 2017 10:28

Tgt Ion:178 Resp: 389972
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.6 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

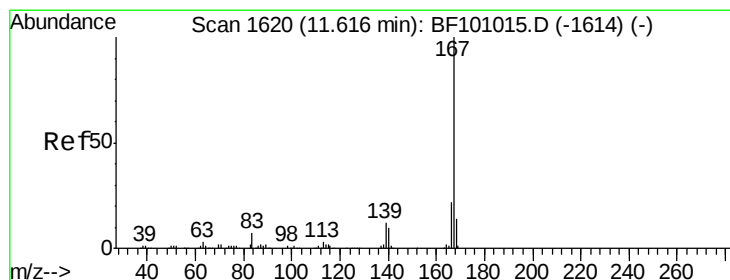
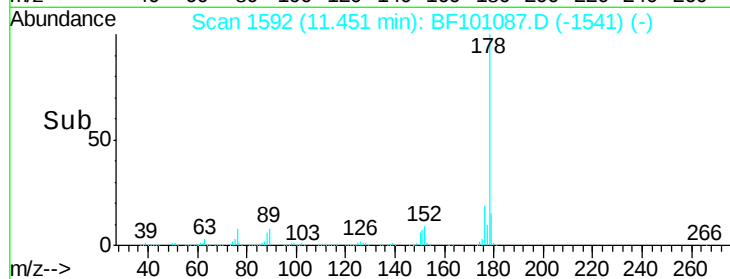
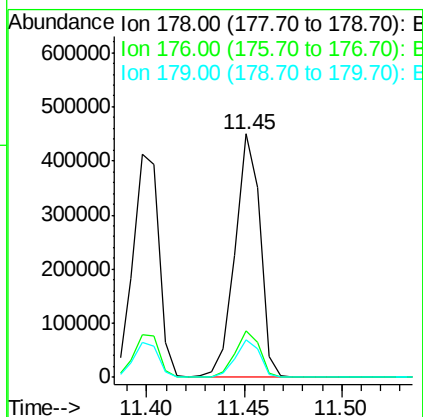
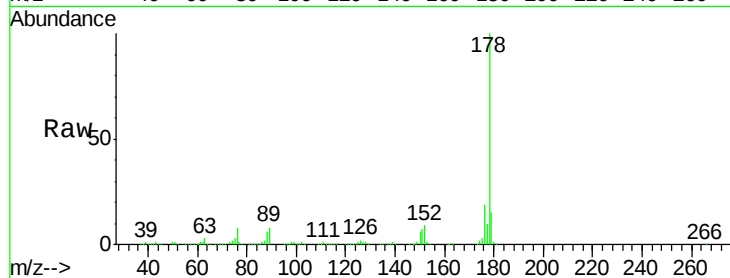




#71
 Anthracene
 Concen: 37.89 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF101087.D
 Acq: 4 Dec 2017 10:28

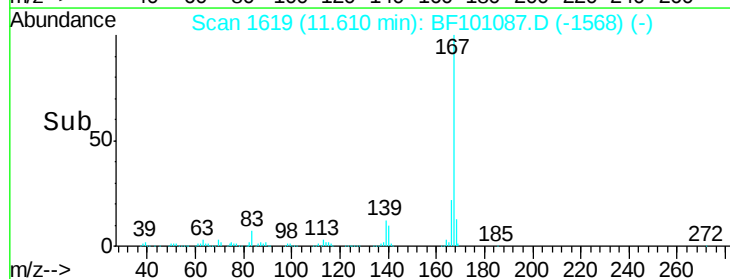
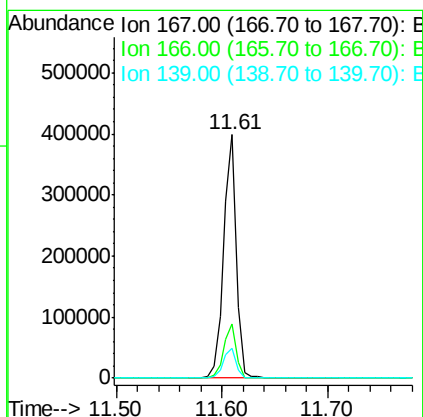
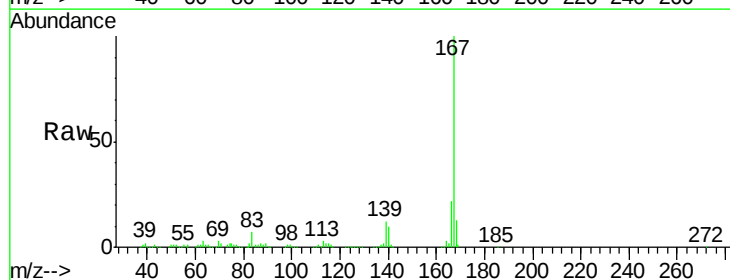
Instrument :
 BNA_F
 ClientSampleId :

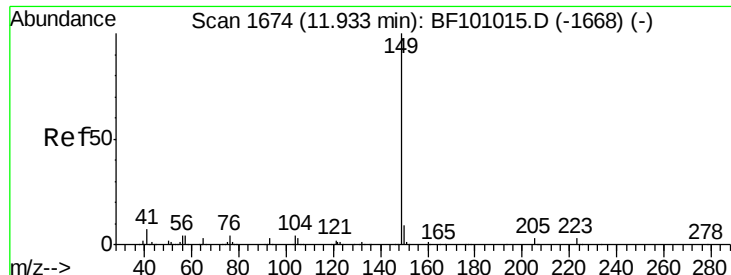
Tot Ion:178 Resp: 400668
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 34.91 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF101087.D
 Acq: 4 Dec 2017 10:28

Tgt Ion:167 Resp: 337332
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 12.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.35 ng

RT: 11.93 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

Instrument :

BNA_F

ClientSampleId :

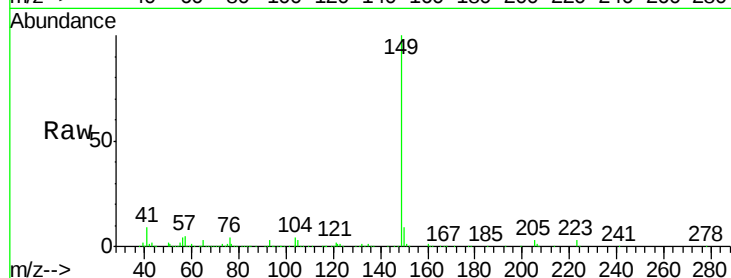
Tot Ion:149 Resp: 440249

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

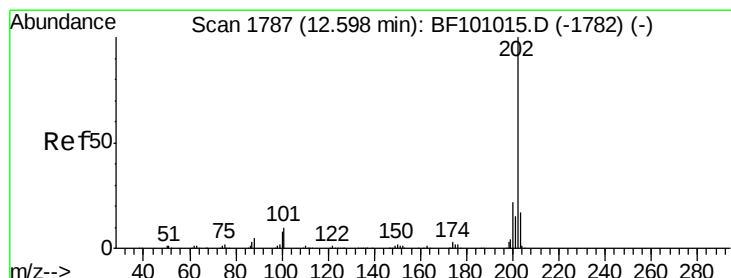
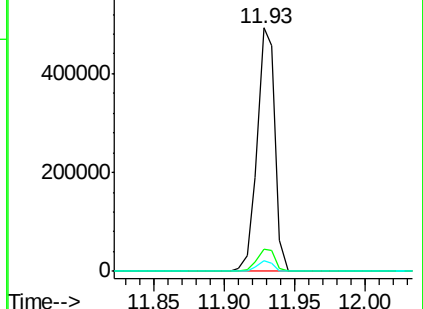
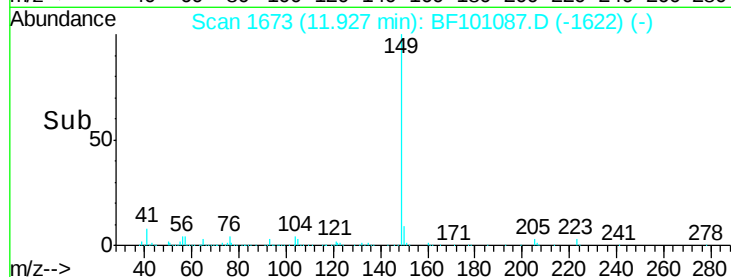
104 4.3 3.8 5.8



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: 36.03 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

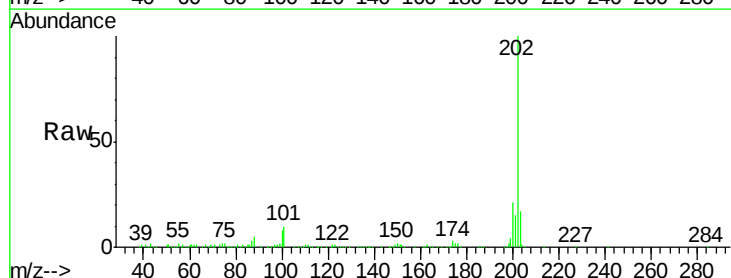
Tgt Ion:202 Resp: 417288

Ion Ratio Lower Upper

202 100

101 10.3 0.0 34.1

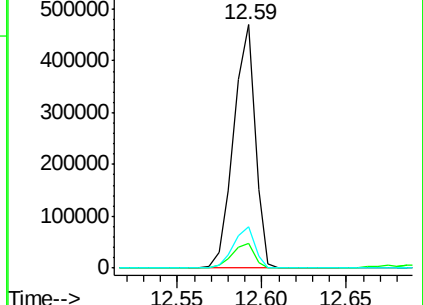
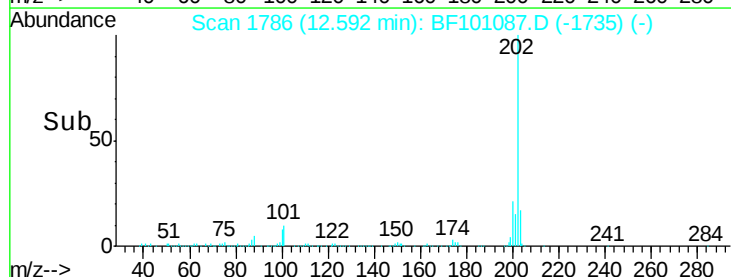
203 17.1 0.0 38.1

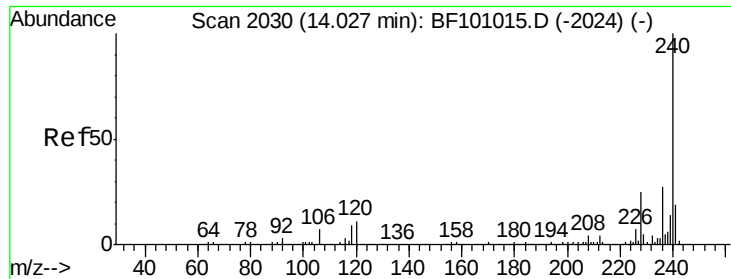


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

Instrument :

BNA_F

ClientSampled :

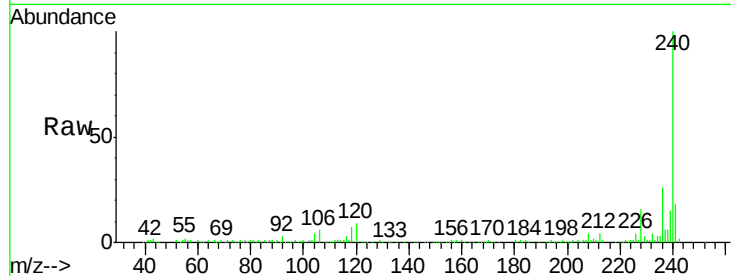
Tot Ion:240 Resp: 151073

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

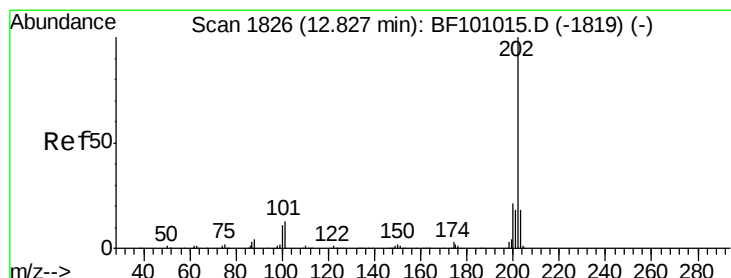
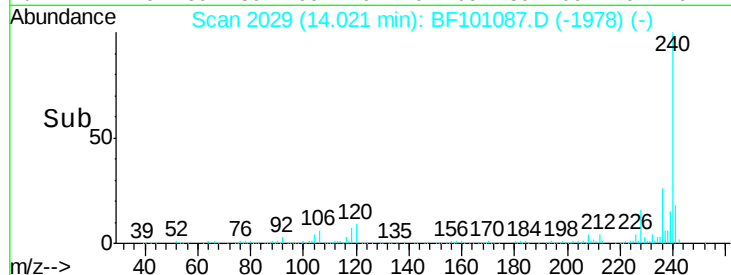
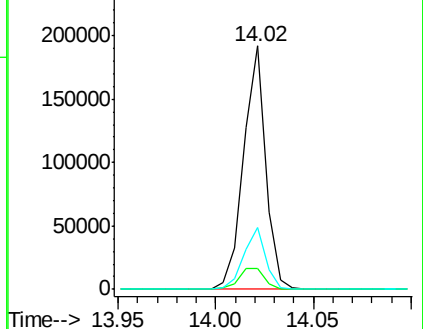
236 25.6 20.7 31.1



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



#77

Pyrene

Concen: 40.87 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

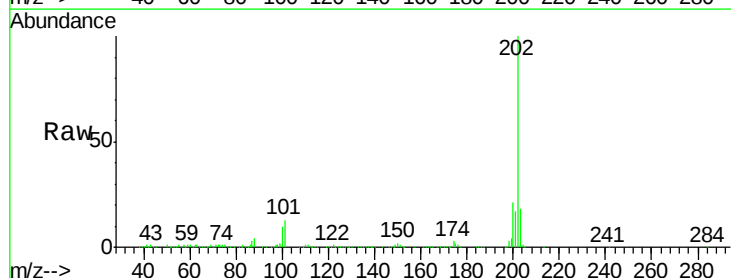
Tgt Ion:202 Resp: 426057

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

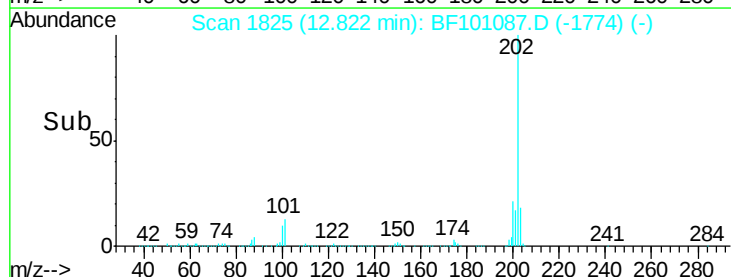
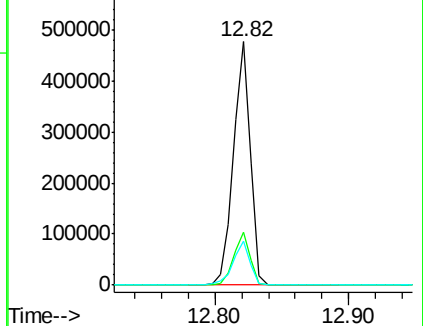
203 17.9 14.3 21.5

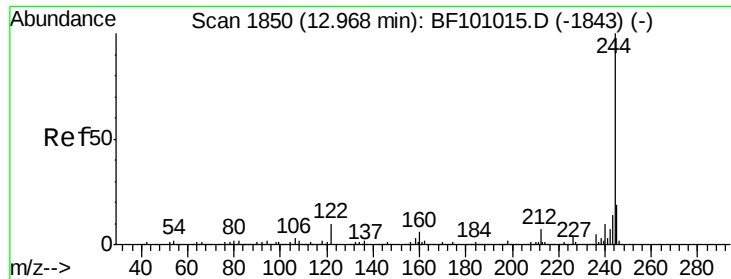


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 83.34 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

Instrument :

BNA_F

ClientSampleId :

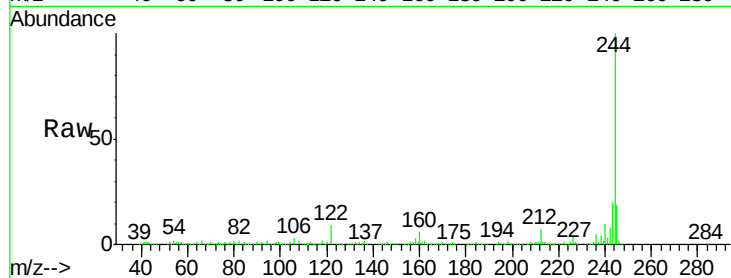
Tot Ion:244 Resp: 575629

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

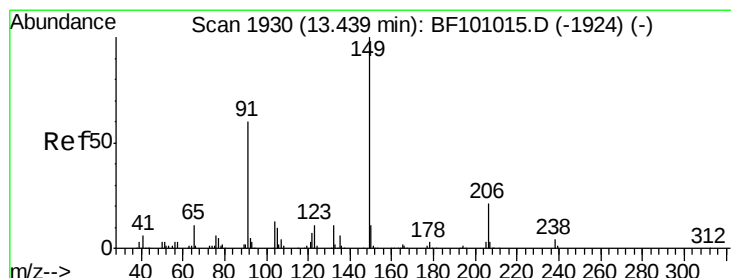
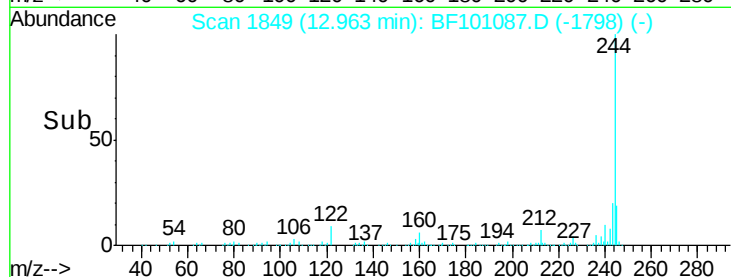
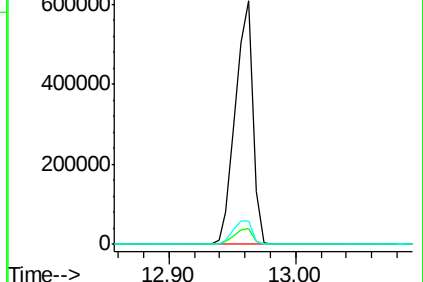
122 9.4 11.0 16.4#



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: 41.06 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

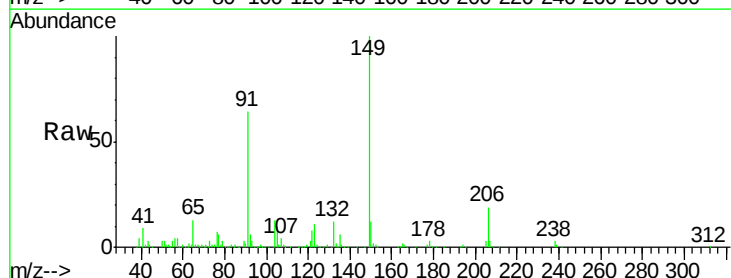
Tgt Ion:149 Resp: 188712

Ion Ratio Lower Upper

149 100

91 63.9 56.8 85.2

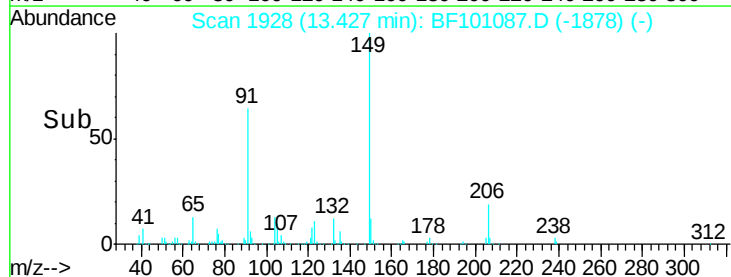
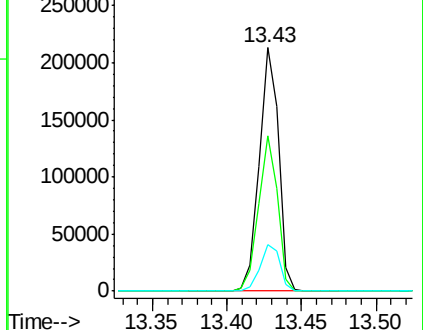
206 19.2 14.1 21.1

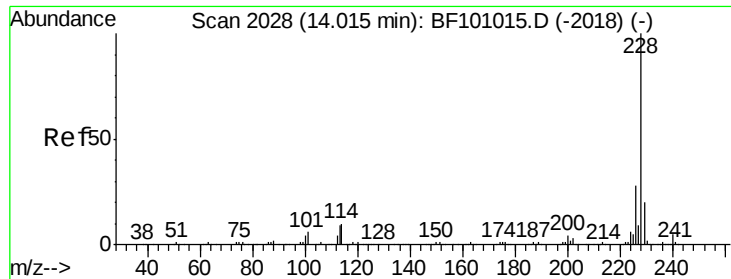


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 37.79 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

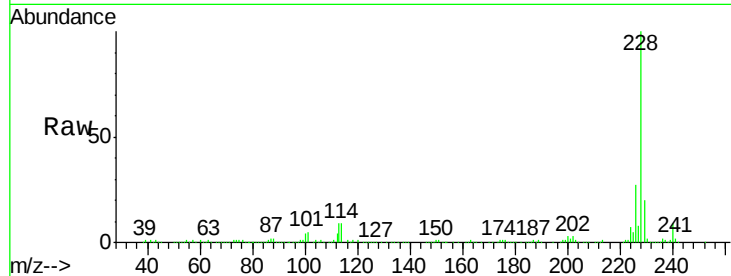
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 360460

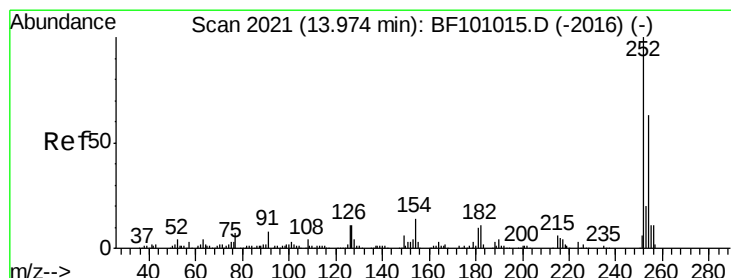
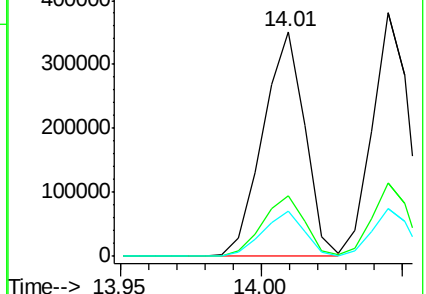
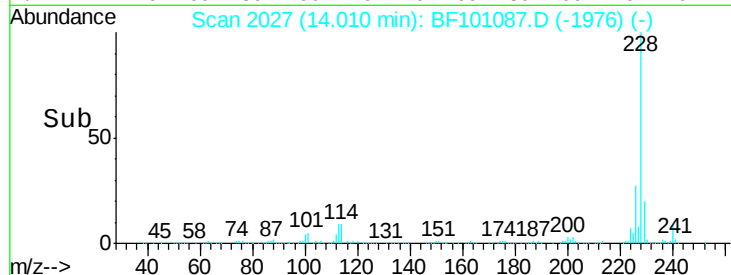
Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	19.9	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 16.58 ng

RT: 13.97 min Scan# 2020

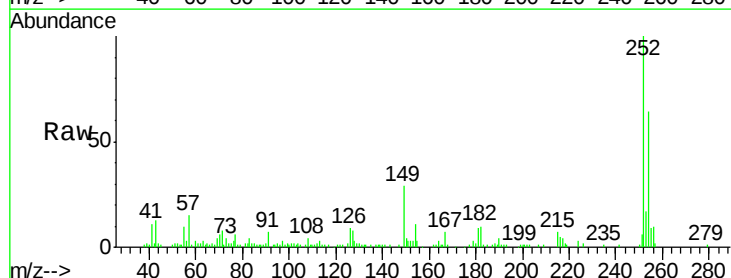
Delta R.T. 0.00 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

Tgt Ion:252 Resp: 54773

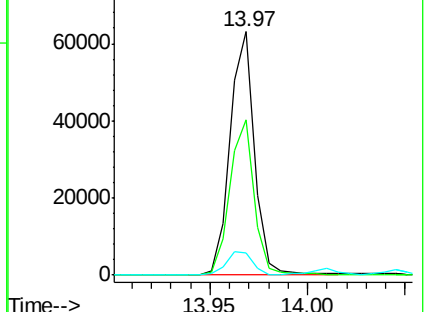
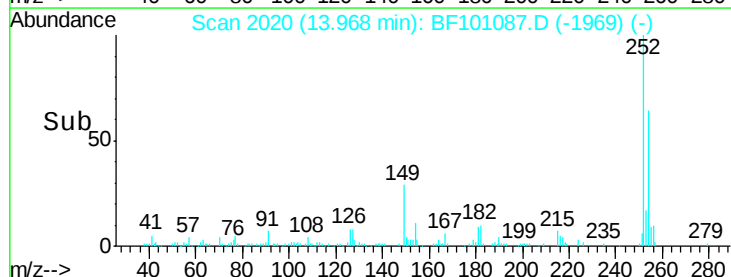
Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.4	75.6
126	9.1	11.3	16.9

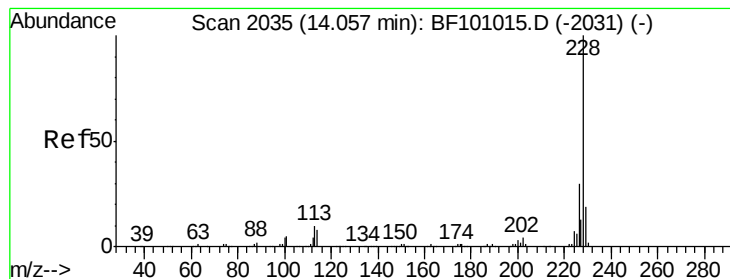


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 37.77 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

Instrument :

BNA_F

ClientSampleId :

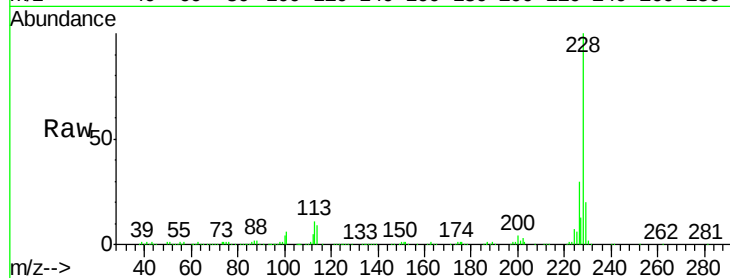
Tot Ion:228 Resp: 334576

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

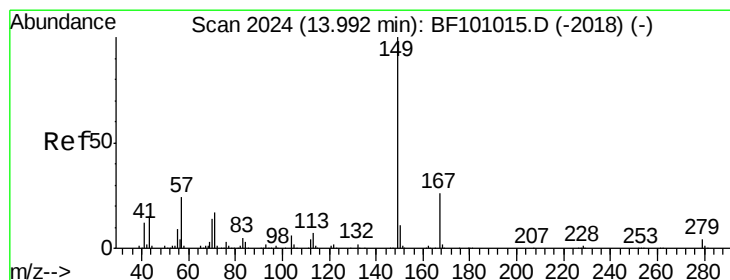
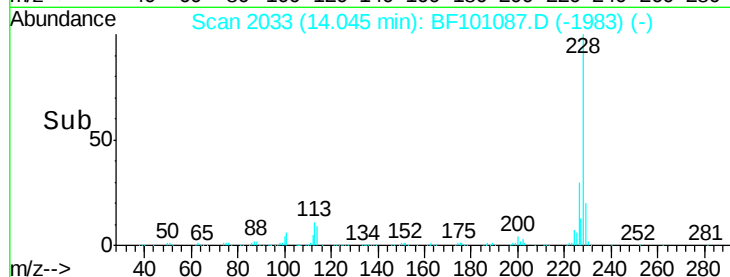
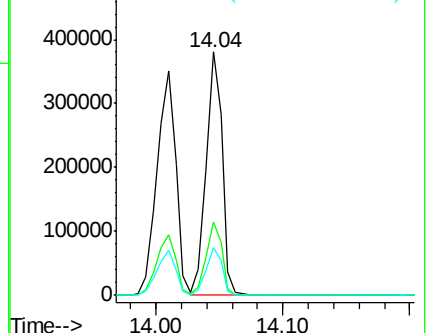
229 19.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 39.38 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

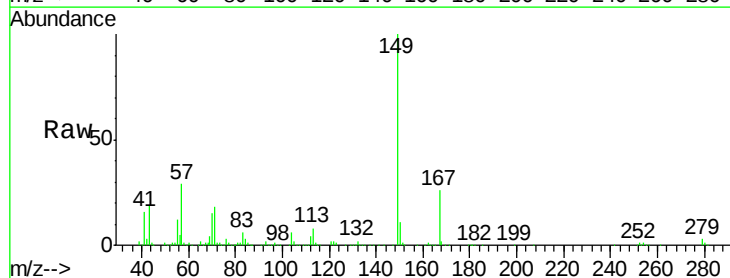
Tgt Ion:149 Resp: 258059

Ion Ratio Lower Upper

149 100

167 25.7 21.3 31.9

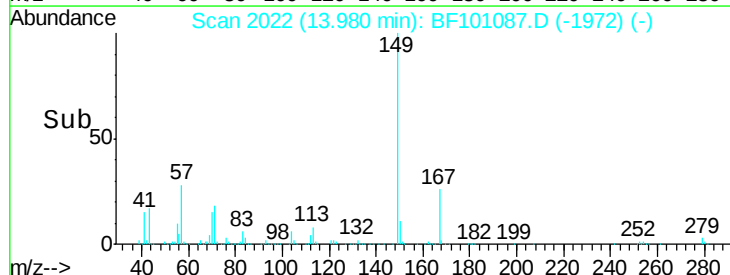
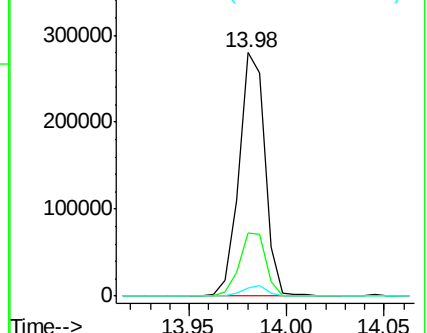
279 3.3 3.0 4.4

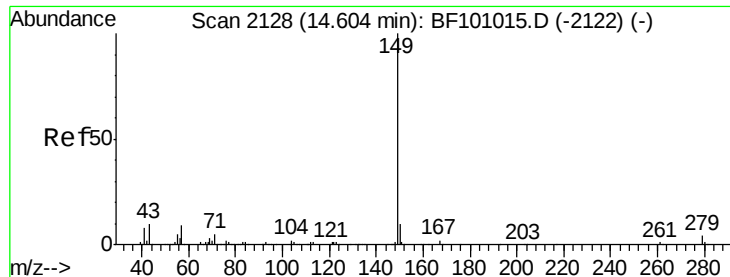


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 36.41 ng

RT: 14.59 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

Instrument :

BNA_F

ClientSampleId :

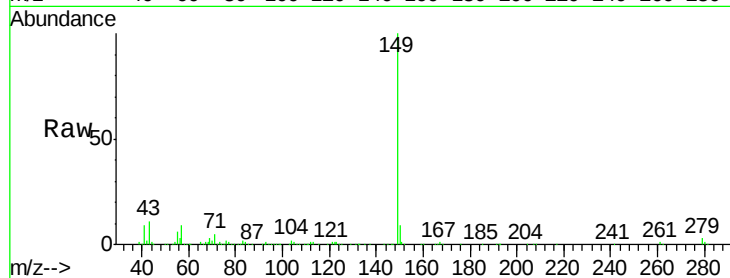
Tot Ion:149 Resp: 397282

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

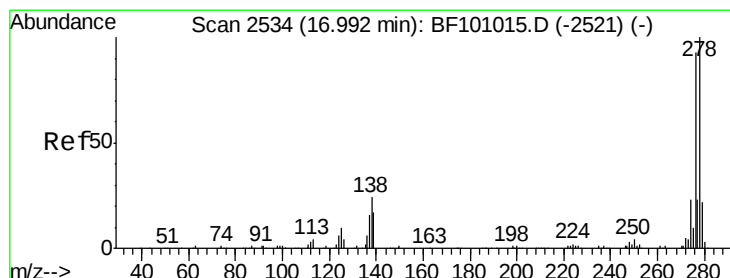
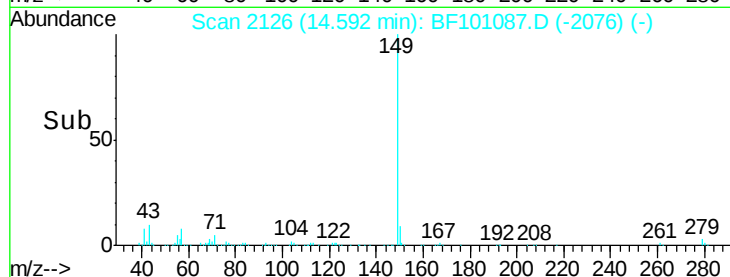
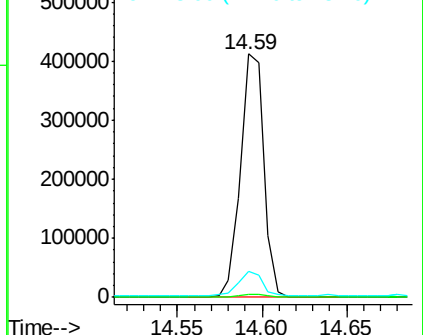
43 9.5 8.4 12.6



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: 34.61 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BF101087.D

Acq: 4 Dec 2017 10:28

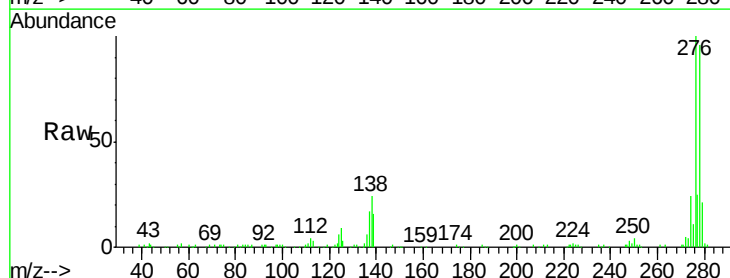
Tgt Ion:276 Resp: 272606

Ion Ratio Lower Upper

276 100

138 23.8 25.0 37.6#

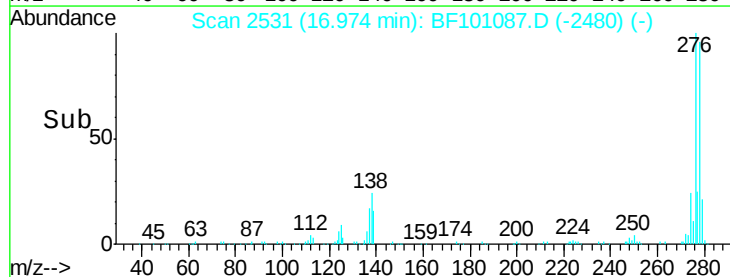
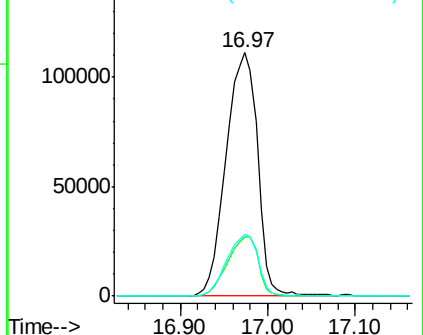
277 24.9 20.1 30.1

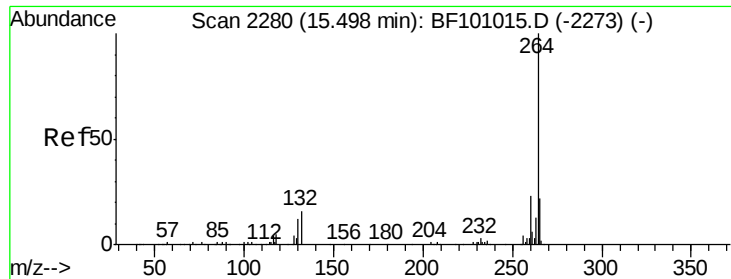


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

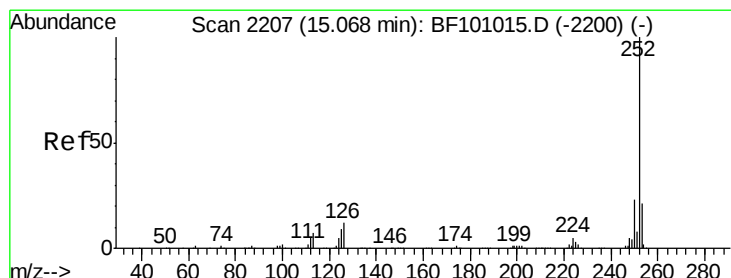
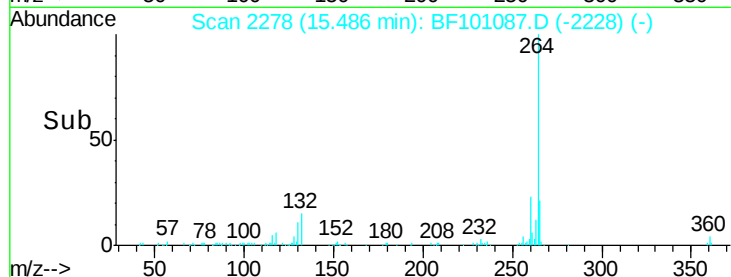
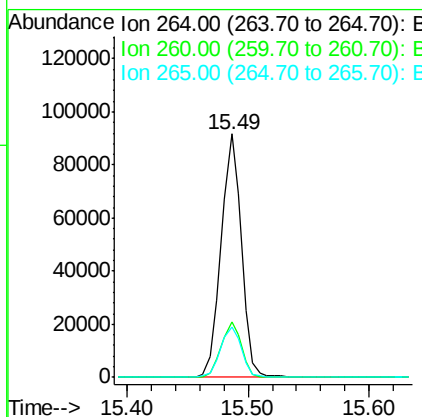
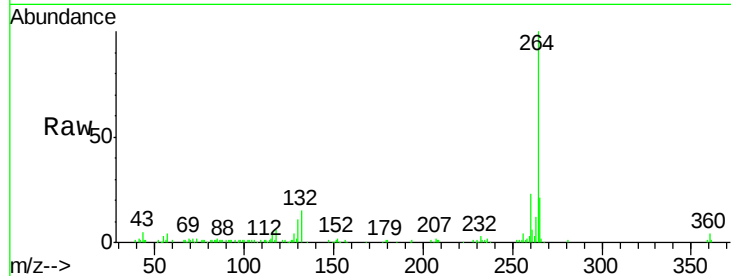




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

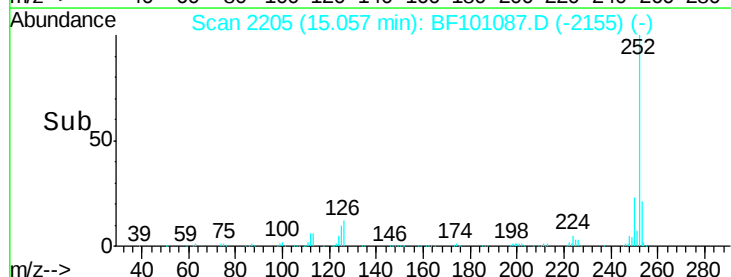
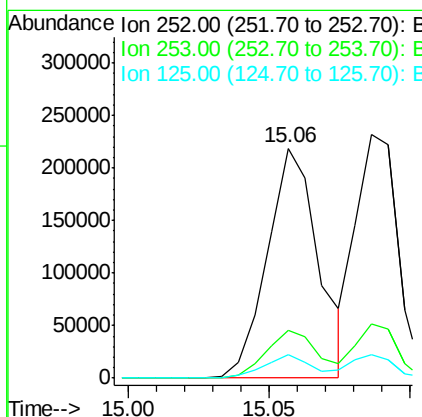
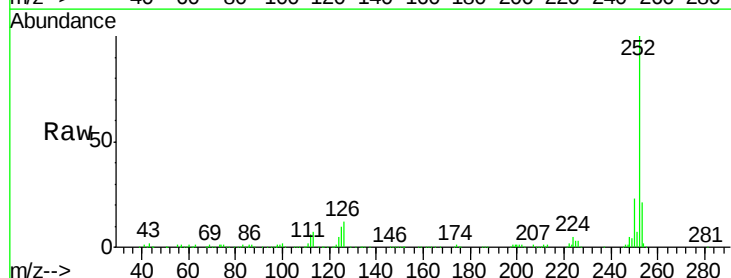
Instrument :
BNA_F
ClientSampleId :

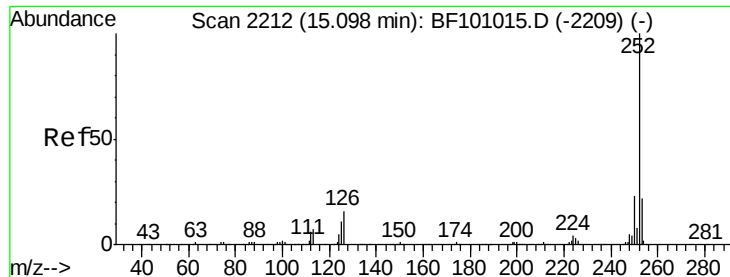
Tot Ion:264 Resp: 106496
Ion Ratio Lower Upper
264 100
260 23.0 19.2 28.8
265 20.6 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 43.20 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Tgt Ion:252 Resp: 275536
Ion Ratio Lower Upper
252 100
253 20.9 17.0 25.6
125 10.2 9.0 13.6

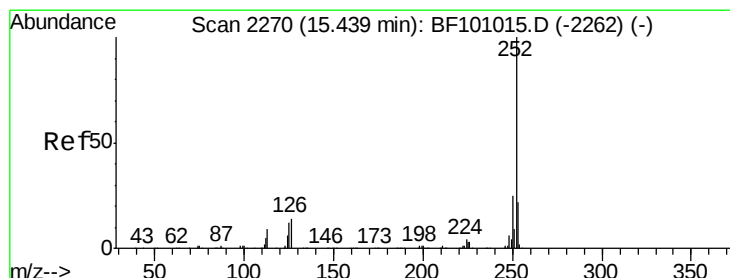
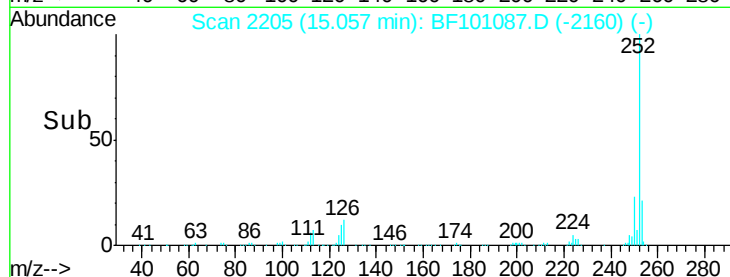
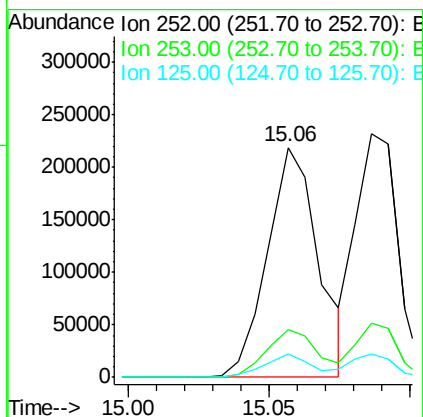
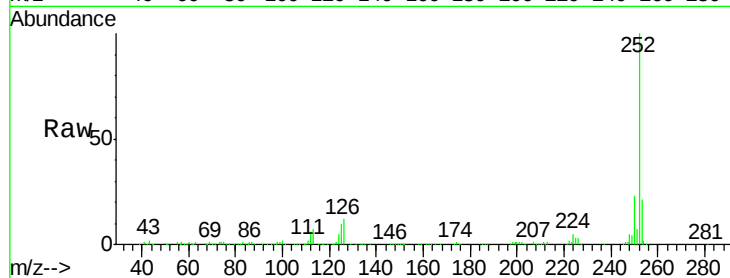




#88
Benzo(k)fluoranthene
Concen: 43.84 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.04 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

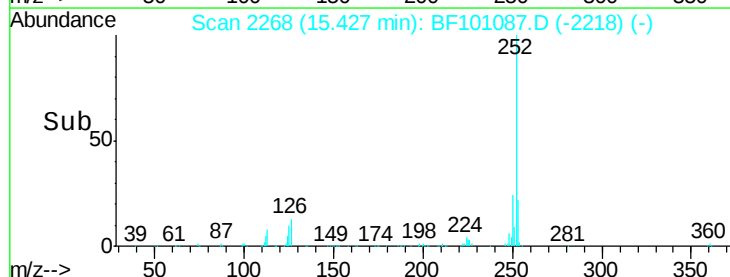
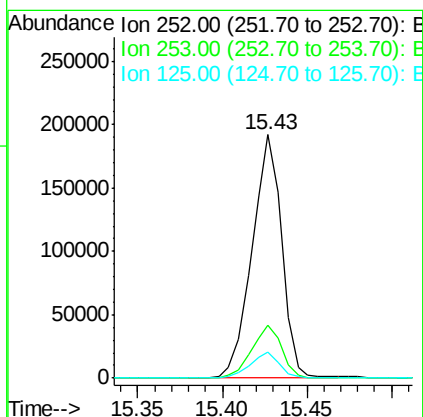
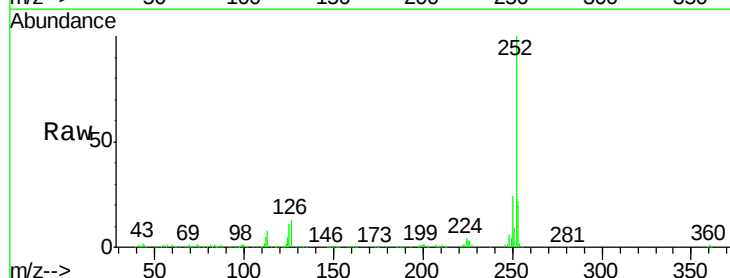
Instrument :
BNA_F
ClientSampleId :

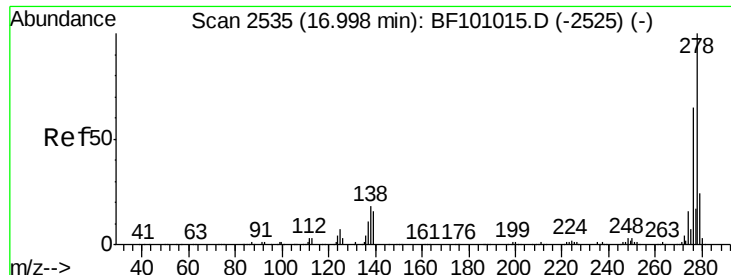
Tot Ion:252 Resp: 275536
Ion Ratio Lower Upper
252 100
253 20.9 17.9 26.9
125 10.2 10.2 15.2



#89
Benzo(a)pyrene
Concen: 40.60 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Tgt Ion:252 Resp: 235474
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 10.6 9.8 14.6

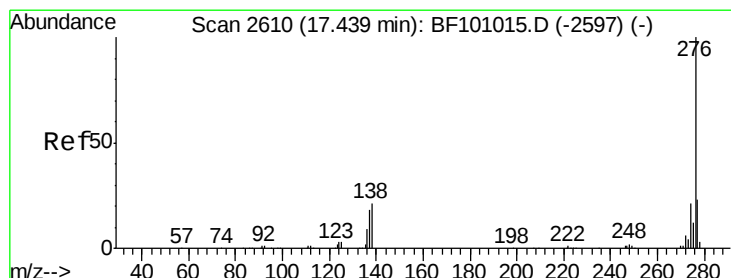
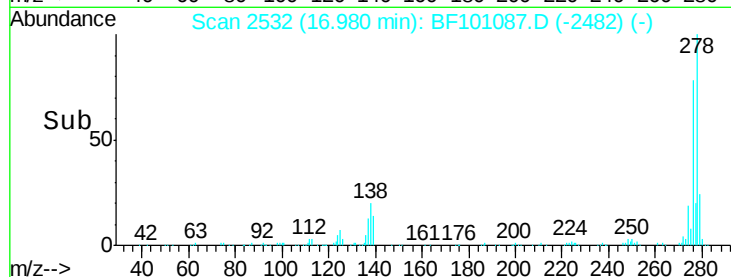
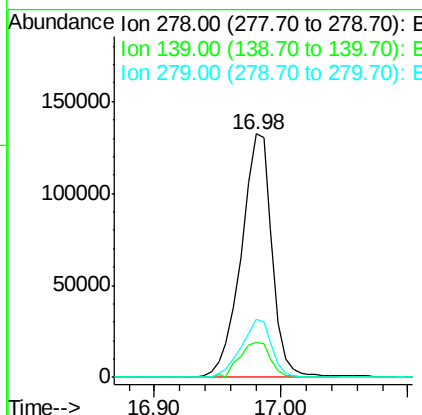
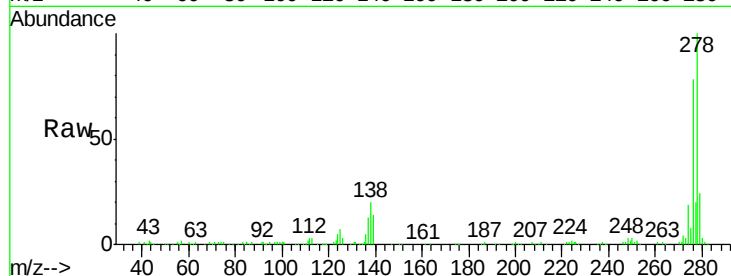




#90
Dibenzo(a,h)anthracene
Concen: 43.88 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 224337
Ion Ratio Lower Upper
278 100
139 14.4 15.9 23.9#
279 23.6 19.0 28.4



#91
Benzo(g,h,i)perylene
Concen: 48.64 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BF101087.D
Acq: 4 Dec 2017 10:28

Tgt Ion:276 Resp: 234370
Ion Ratio Lower Upper
276 100
277 22.0 17.9 26.9
138 19.5 21.8 32.8#

