

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
 Data File : BF101256.D
 Acq On : 9 Dec 2017 00:28
 Operator : SJ/JU
 Sample : I6746-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-4(0-5)MS

Quant Time: Dec 09 04:00:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	36302	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	128828	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	51763	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	89918	20.00	ng	0.00
75) Chrysene-d12	14.01	240	78384	20.00	ng	0.00
86) Perylene-d12	15.48	264	62208	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	353401	160.87	ng	0.02
7) Phenol-d6	6.47	99	418590	156.94	ng	0.01
23) Nitrobenzene-d5	7.40	82	245620	113.73	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	86837	139.65	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	484952	128.18	ng	0.00
78) Terphenyl-d14	12.95	244	432091	120.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	39792	43.803	ng	96
3) Pyridine	3.39	79	105669	44.871	ng	98
4) n-Nitrosodimethylamine	3.34	42	61997	53.901	ng	92
6) Aniline	6.50	93	120757	34.817	ng	96
8) 2-Chlorophenol	6.62	128	123058	51.374	ng	92
9) Benzaldehyde	6.38	77	39089	23.945	ng	99
10) Phenol	6.49	94	167265	56.399	ng	86
11) bis(2-Chloroethyl)ether	6.57	93	115642	51.985	ng	100
12) 1,3-Dichlorobenzene	6.77	146	139966	50.182	ng	98
13) 1,4-Dichlorobenzene	6.85	146	144985	50.208	ng	97
14) 1,2-Dichlorobenzene	7.00	146	132373	49.146	ng	100
15) Benzyl Alcohol	6.97	79	97682	47.418	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	173778	57.470	ng	94
17) 2-Methylphenol	7.09	107	97633	50.478	ng	94
18) Hexachloroethane	7.33	117	31080	33.501	ng	95
19) n-Nitroso-di-n-propylamine	7.25	70	84070	46.803	ng	96
20) 3+4-Methylphenols	7.24	107	123658	49.022	ng	# 67
22) Acetophenone	7.24	105	161961	52.037	ng	# 88
24) Nitrobenzene	7.42	77	117586	55.554	ng	98
25) Isophorone	7.65	82	213521	57.882	ng	99
26) 2-Nitrophenol	7.73	139	41286	35.533	ng	99
27) 2,4-Dimethylphenol	7.77	122	97404	57.951	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	138846	56.002	ng	97
29) 2,4-Dichlorophenol	7.97	162	99943	54.627	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	107815	53.592	ng	97
31) Naphthalene	8.13	128	332644	52.391	ng	100
32) Benzoic acid	7.86	122	4349	3.327	ng	93
33) 4-Chloroaniline	8.19	127	74793	29.317	ng	97
34) Hexachlorobutadiene	8.25	225	65620	53.182	ng	98
35) Caprolactam	8.56	113	26905m	47.187	ng	
36) 4-Chloro-3-methylphenol	8.67	107	92631	48.877	ng	96
37) 2-Methylnaphthalene	8.83	142	216586	50.203	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	97906	52.065	ng	# 96
40) Hexachlorocyclopentadiene	8.97	237	1526	10.171	ng	84

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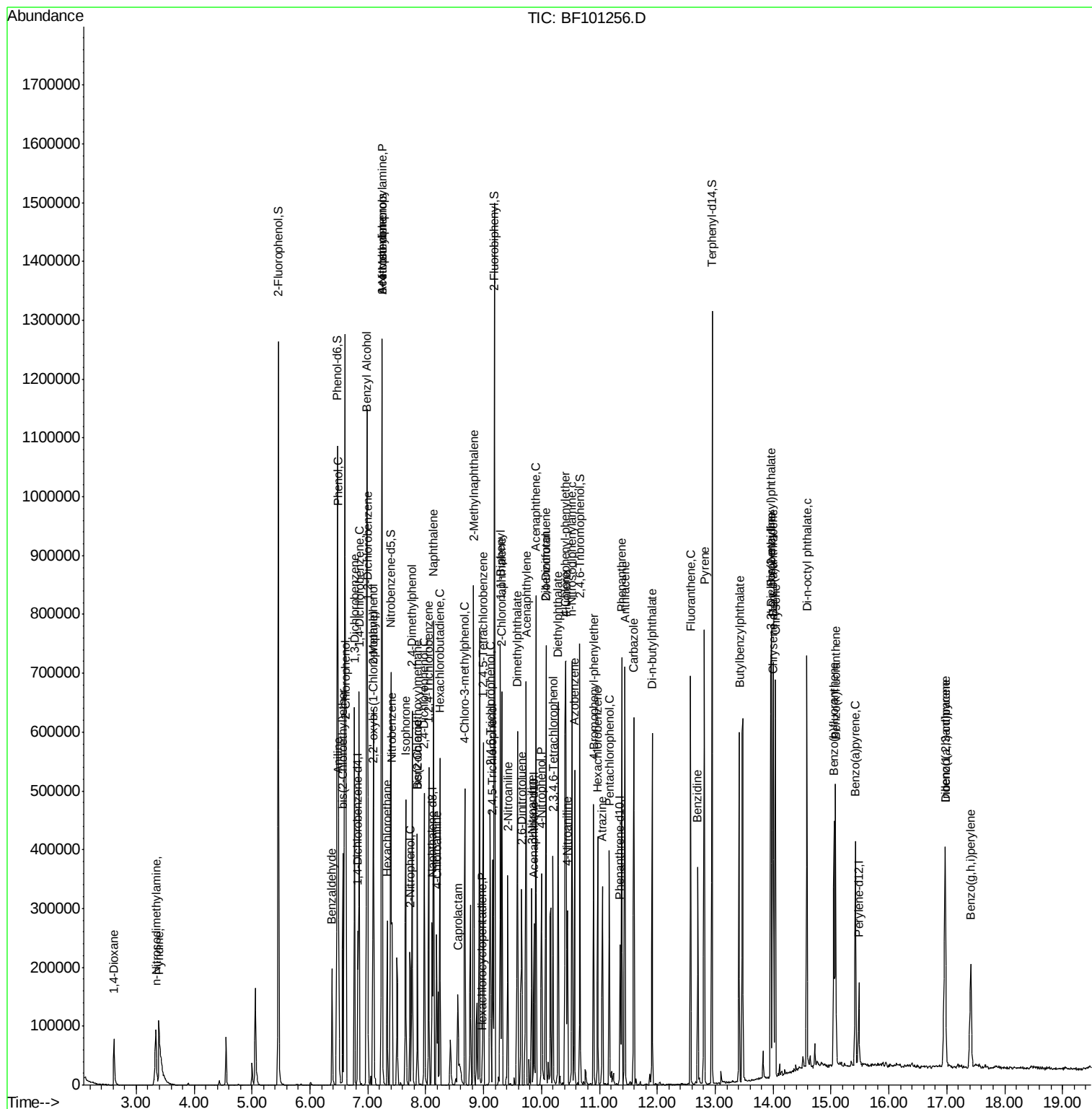
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42) 2,4,6-Trichlorophenol	9.11	196	62124	56.357	nq	99
43) 2,4,5-Trichlorophenol	9.16	196	62958m	53.423	nq	
45) 1,1'-Biphenyl	9.29	154	244826	51.623	nq	98
46) 2-Chloronaphthalene	9.32	162	189078	56.139	nq	97
47) 2-Nitroaniline	9.42	65	58836	59.044	nq	97
48) Acenaphthylene	9.73	152	279115	50.427	nq	99
49) Dimethylphthalate	9.59	163	257203	61.612	nq	100
50) 2,6-Dinitrotoluene	9.66	165	37123	42.221	nq	93
51) Acenaphthene	9.90	154	168145	50.733	nq	98
52) 3-Nitroaniline	9.83	138	55388	56.016	nq	90
54) Dibenzofuran	10.07	168	243468	50.975	nq	99
55) 4-Nitrophenol	10.00	139	52771	79.136	nq	97
56) 2,4-Dinitrotoluene	10.07	165	40847	34.664	nq	# 91
57) Fluorene	10.42	166	193132	49.742	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	48192	51.073	nq	# 84
59) Diethylphthalate	10.29	149	215452	52.325	nq	98
60) 4-Chlorophenyl-phenylether	10.41	204	96397	50.284	nq	88
61) 4-Nitroaniline	10.45	138	56595	55.139	nq	95
62) Azobenzene	10.57	77	163777	46.869	nq	93
65) n-Nitrosodiphenylamine	10.53	169	172940	54.517	nq	96
66) 4-Bromophenyl-phenylether	10.90	248	57120	56.752	nq	# 89
67) Hexachlorobenzene	10.97	284	58267	54.016	nq	# 91
68) Atrazine	11.06	200	40381	41.499	nq	98
69) Pentachlorophenol	11.17	266	48767	82.222	nq	98
70) Phenanthrene	11.39	178	268058	54.134	nq	97
71) Anthracene	11.44	178	273521	54.578	nq	98
72) Carbazole	11.59	167	247984	54.157	nq	98
73) Di-n-butylphthalate	11.91	149	304021	52.972	nq	99
74) Fluoranthene	12.57	202	299555	54.574	nq	95
76) Benzidine	12.70	184	144900	56.848	nq	97
77) Pyrene	12.81	202	306854	56.733	nq	98
79) Butylbenzylphthalate	13.42	149	131494	55.142	nq	92
80) Benzo(a)anthracene	14.00	228	266090	53.766	nq	100
81) 3,3'-Dichlorobenzidine	13.96	252	97718	57.013	nq	98
82) Chrysene	14.04	228	246391	53.607	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	188466	55.429	nq	99
84) Di-n-octyl phthalate	14.58	149	310828	54.904	nq	99
85) Indeno(1,2,3-cd)pyrene	16.97	276	184196	45.077	nq	# 92
87) Benzo(b)fluoranthene	15.05	252	221379	59.413	nq	98
88) Benzo(k)fluoranthene	15.08	252	182837	49.805	nq	# 95
89) Benzo(a)pyrene	15.42	252	186876	55.166	nq	97
90) Dibenzo(a,h)anthracene	16.97	278	155390	52.033	nq	# 95
91) Benzo(g,h,i)perylene	17.42	276	150308	53.407	nq	# 90

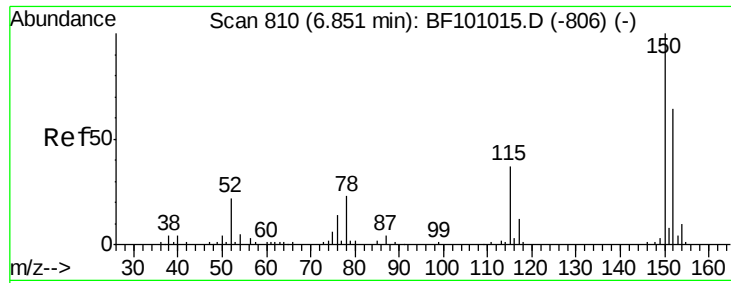
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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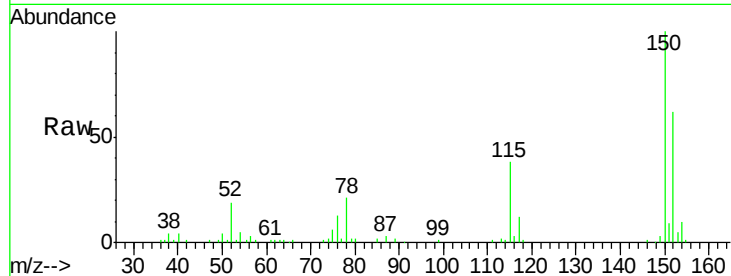


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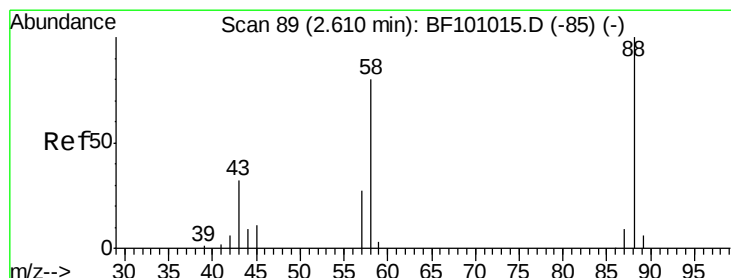
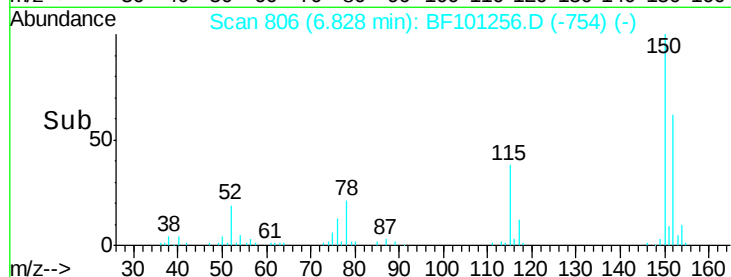
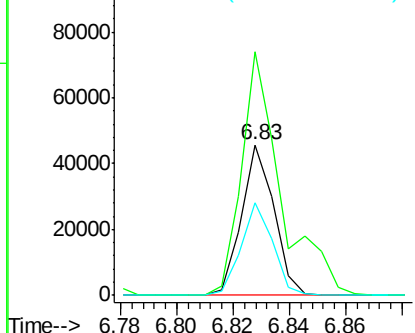
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Instrument :
BNA_F
ClientSampleId :
ENV-109-4(0-5)MS

Tot Ion:152 Resp: 36302
Ion Ratio Lower Upper
152 100
150 162.1 124.6 186.8
115 61.4 50.1 75.1



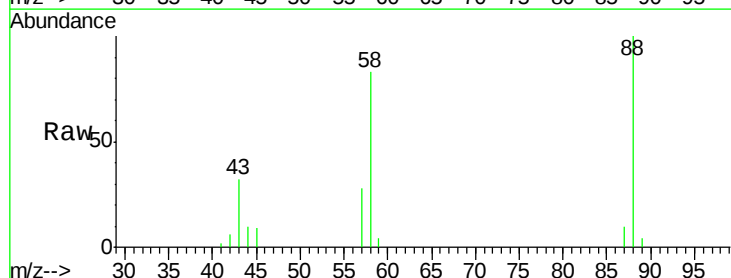
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



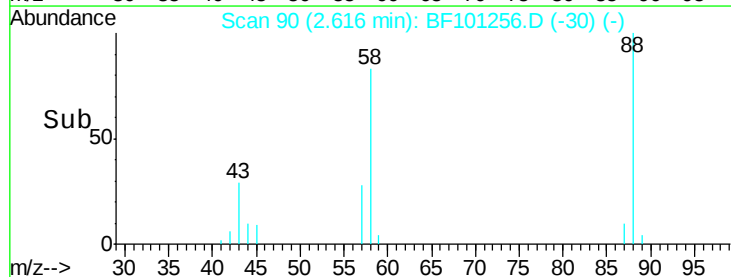
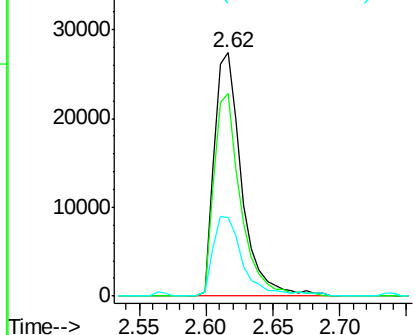
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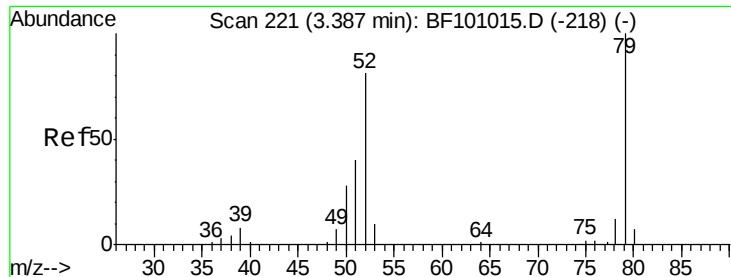
1,4-Dioxane
Concen: 43.803 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.05 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Tgt Ion: 88 Resp: 39792
Ion Ratio Lower Upper
88 100
58 80.6 62.6 93.8
43 34.7 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

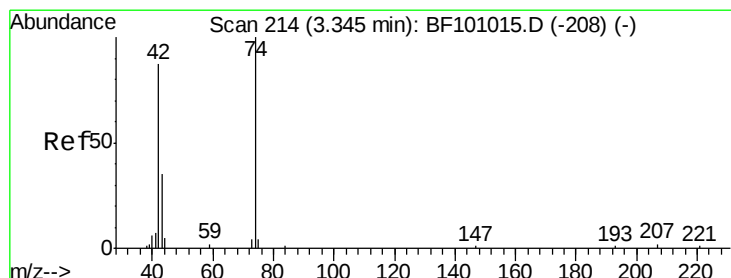
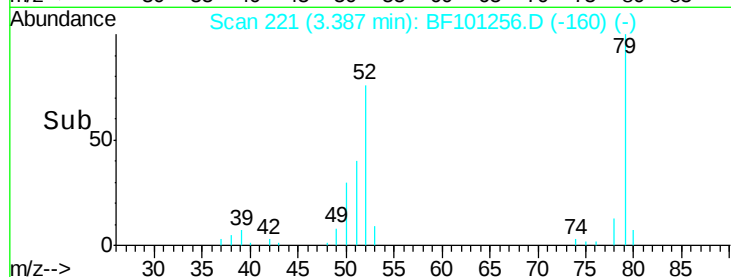
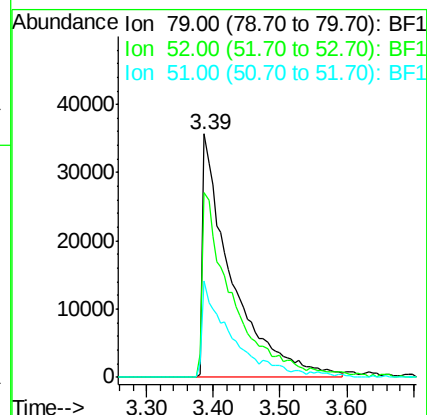
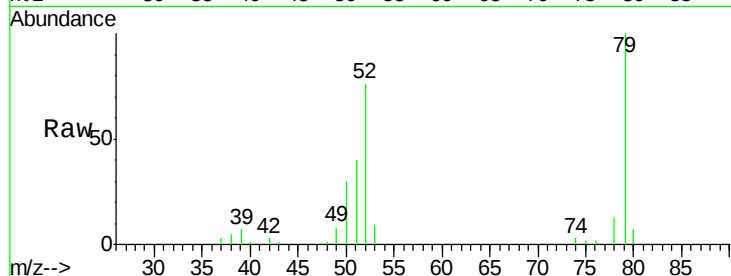




#3
 Pvridine
 Concen: 44.871 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.06 min
 Lab File: BF101256.D
 Acq: 9 Dec 2017 00:28

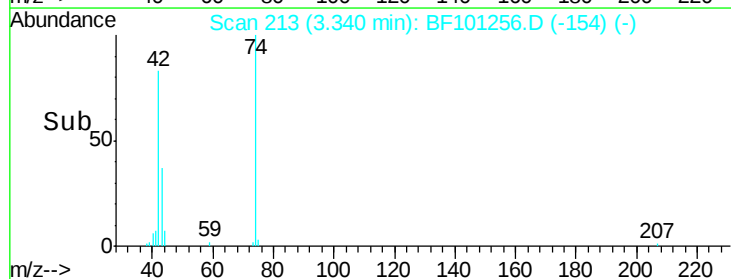
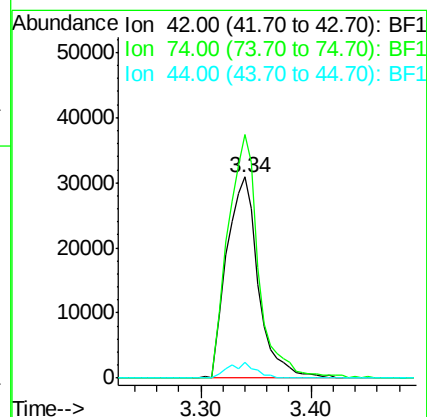
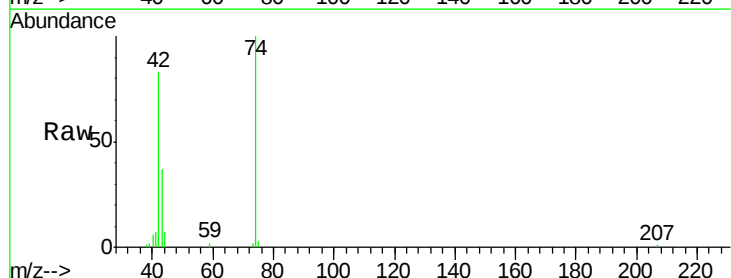
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 ENV-109-4(0-5)MS

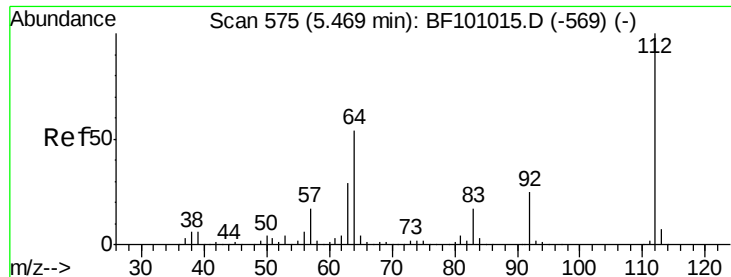
Tot Ion: 79 Resp: 105669
 Ion Ratio Lower Upper
 79 100
 52 75.8 59.8 89.6
 51 39.6 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 53.901 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.05 min
 Lab File: BF101256.D
 Acq: 9 Dec 2017 00:28

Tgt Ion: 42 Resp: 61997
 Ion Ratio Lower Upper
 42 100
 74 121.1 104.9 157.3
 44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 160.866 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

Instrument :

BNA_F

ClientSampleId :

ENV-109-4(0-5)MS

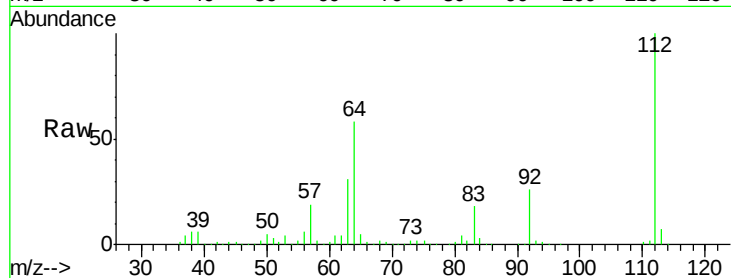
Tot Ion:112 Resp: 353401

Ion Ratio Lower Upper

112 100

64 58.4 47.9 71.9

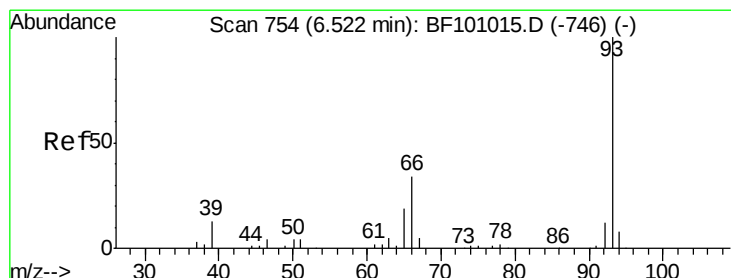
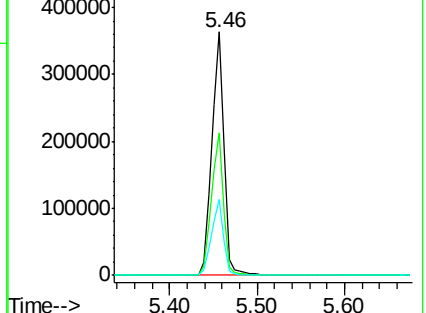
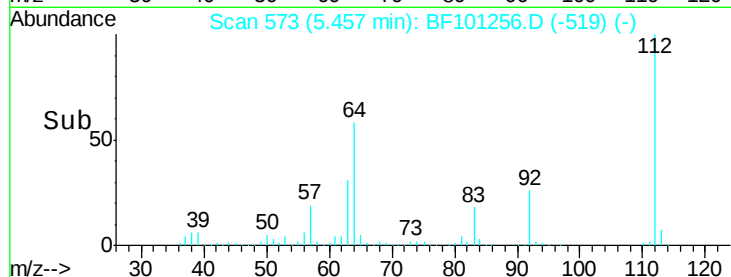
63 31.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.817 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

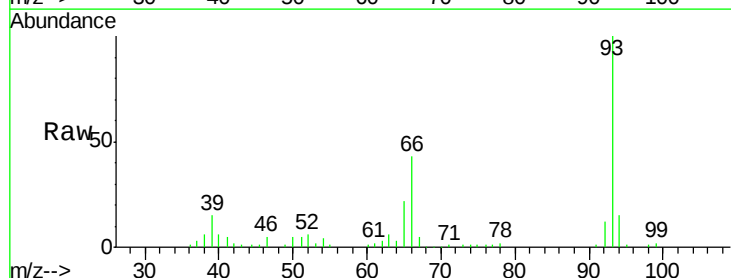
Tgt Ion: 93 Resp: 120757

Ion Ratio Lower Upper

93 100

66 43.1 32.2 48.2

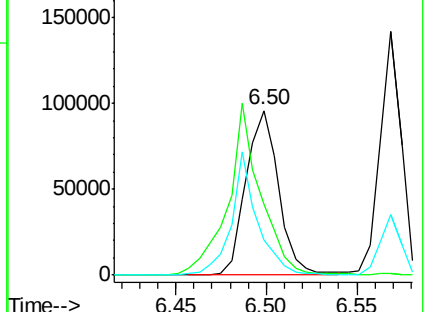
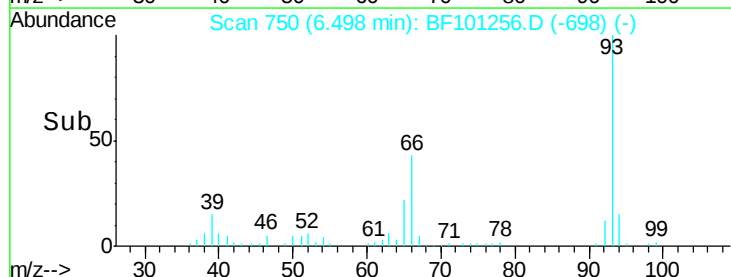
65 21.6 16.4 24.6

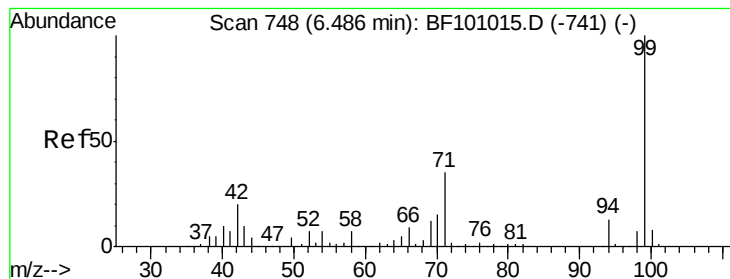


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 156.939 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101256.D

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ENV-109-4(0-5)MS

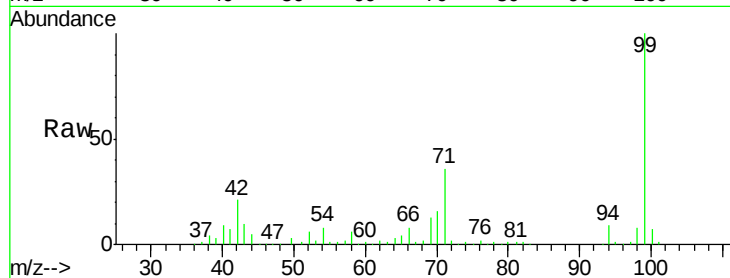
Tot Ion: 99 Resp: 418590

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

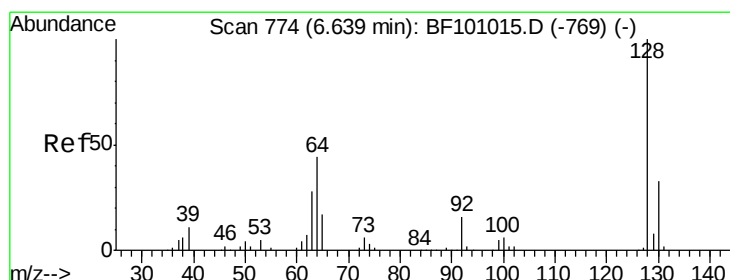
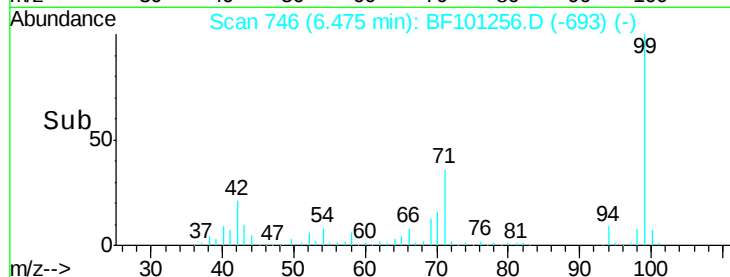
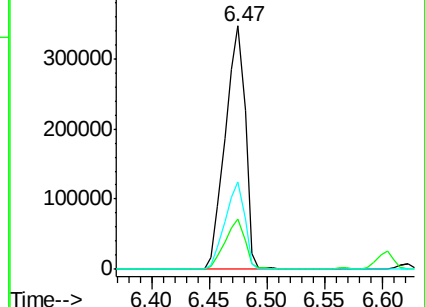
71 35.8 25.4 38.0



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: 51.374 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

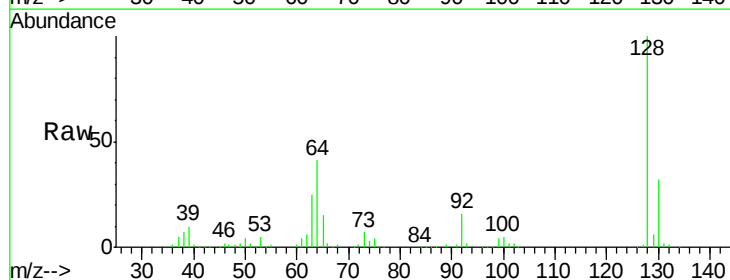
Tgt Ion: 128 Resp: 123058

Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

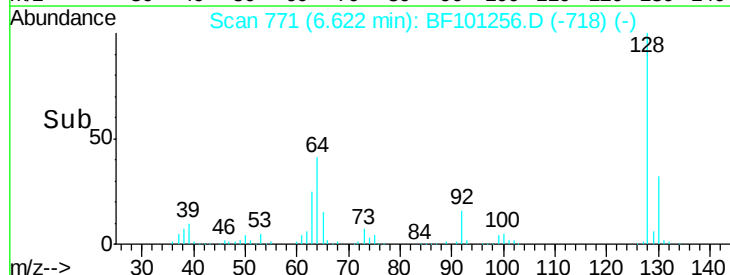
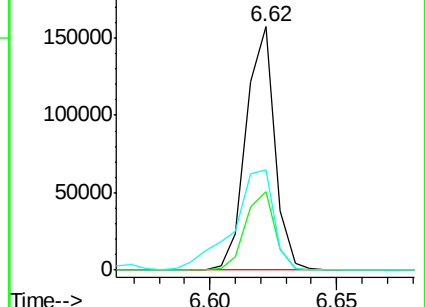
64 41.4 29.4 69.4

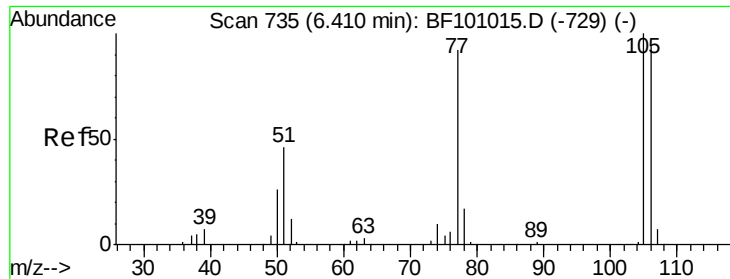


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

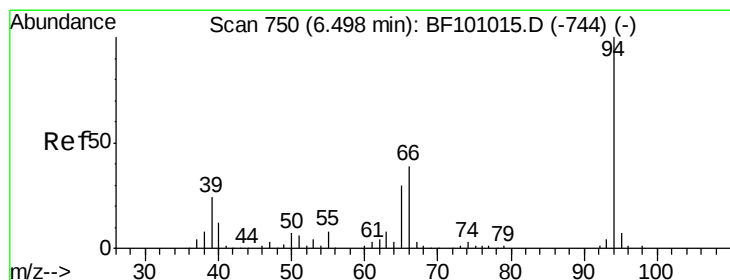
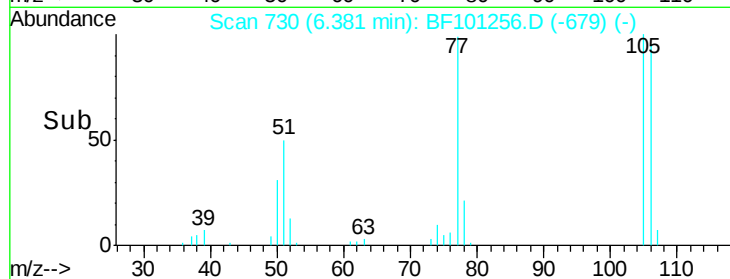
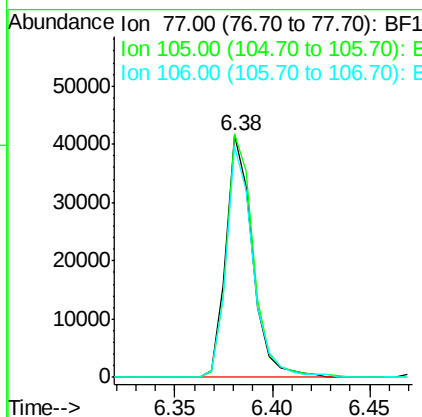
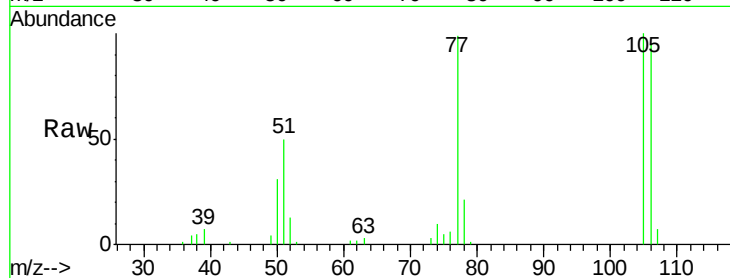




#9
Benzaldehyde
Concen: 23.945 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.00 min
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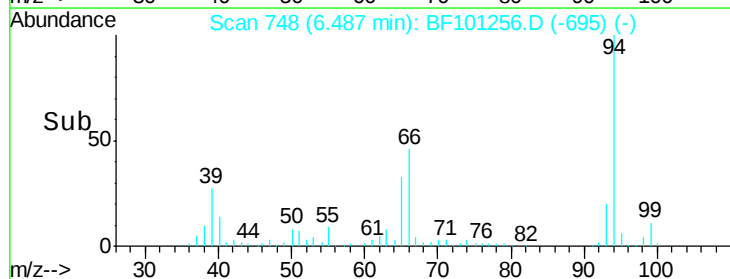
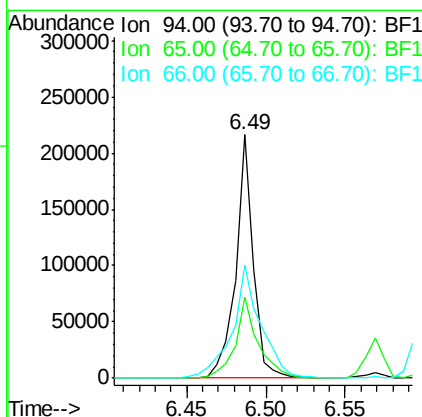
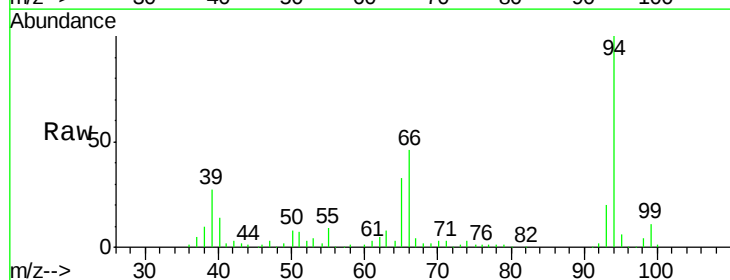
Instrument :
BNA_F
ClientSampleId :
ENV-109-4(0-5)MS

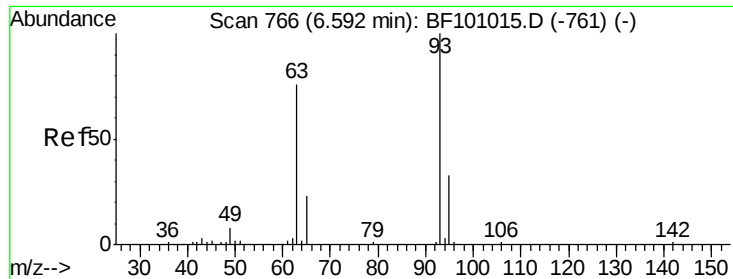
Tot Ion: 77 Resp: 39089
Ion Ratio Lower Upper
77 100
105 100.7 81.1 121.1
106 95.4 74.5 114.5



#10
Phenol
Concen: 56.399 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Tgt Ion: 94 Resp: 167265
Ion Ratio Lower Upper
94 100
65 33.2 7.9 47.9
66 46.4 16.2 56.2

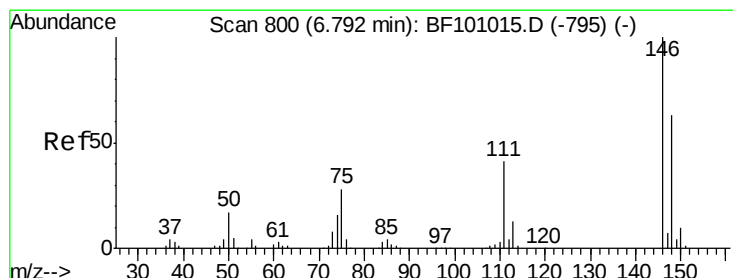
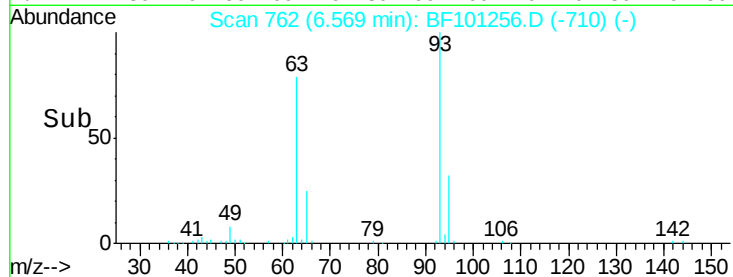
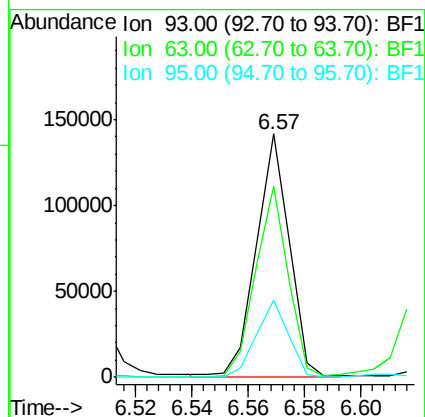
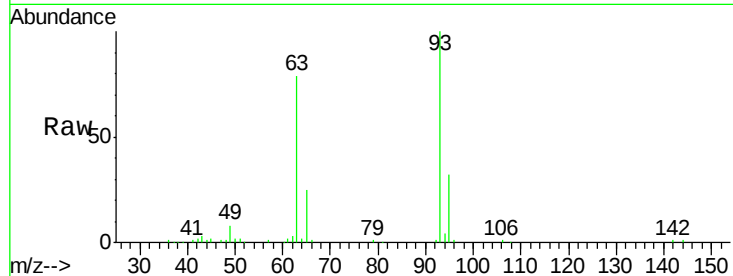




#11
bis(2-Chloroethyl)ether
Concen: 51.985 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

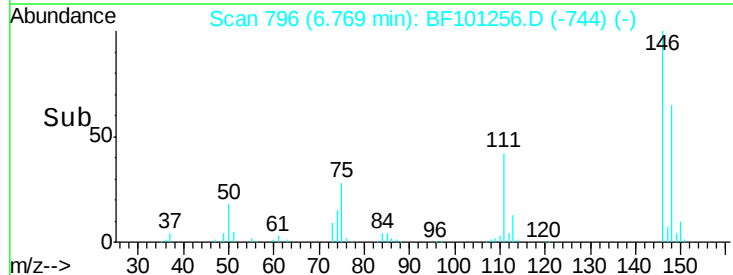
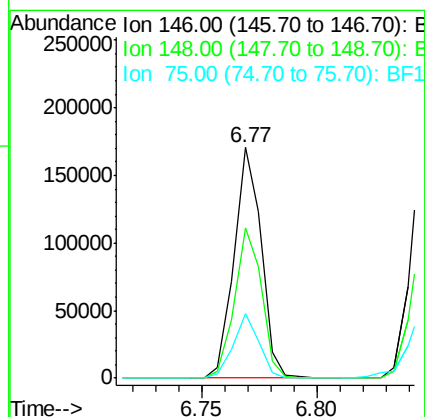
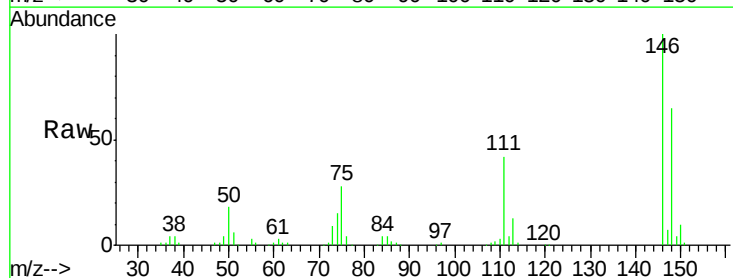
Instrument :
BNA_F
ClientSampleId :
ENV-109-4(0-5)MS

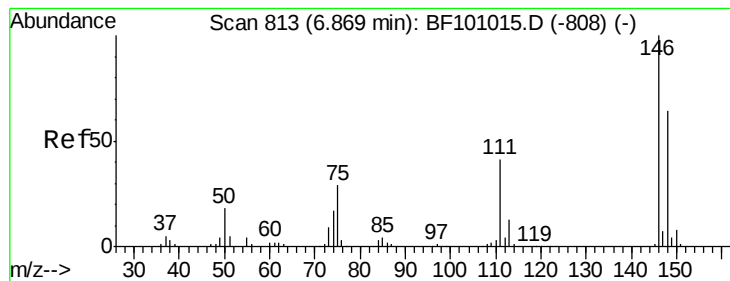
Tot Ion: 93 Resp: 115642
Ion Ratio Lower Upper
93 100
63 78.6 58.6 98.6
95 31.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 50.182 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Tgt Ion: 146 Resp: 139966
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.8
75 27.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 50.208 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

Instrument :

BNA_F

ClientSampleId :

ENV-109-4(0-5)MS

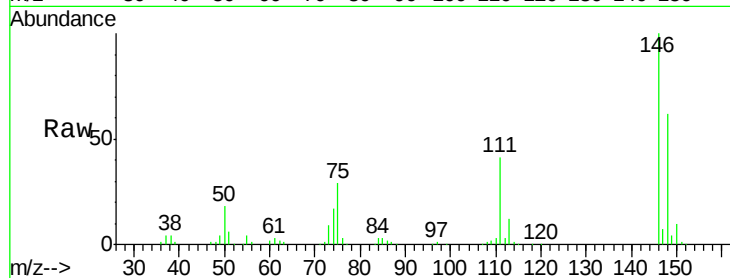
Tot Ion:146 Resp: 144985

Ion Ratio Lower Upper

146 100

148 61.5 50.8 76.2

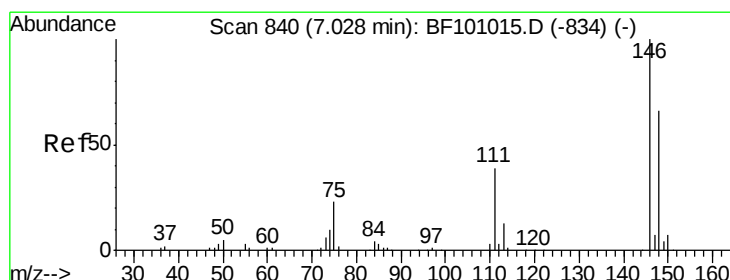
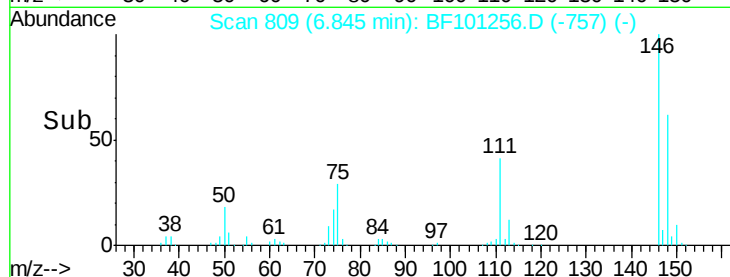
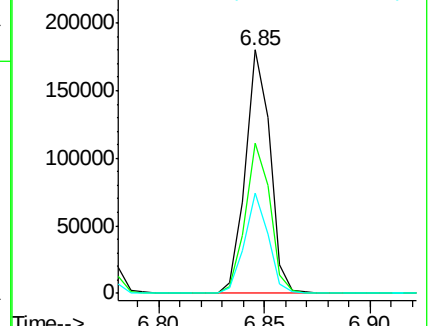
111 41.0 34.2 51.2



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: 49.146 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

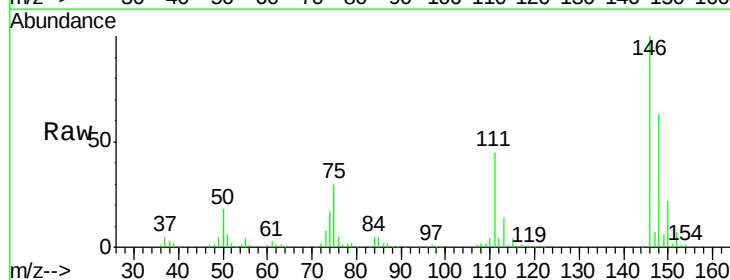
Tgt Ion:146 Resp: 132373

Ion Ratio Lower Upper

146 100

148 62.8 50.6 75.8

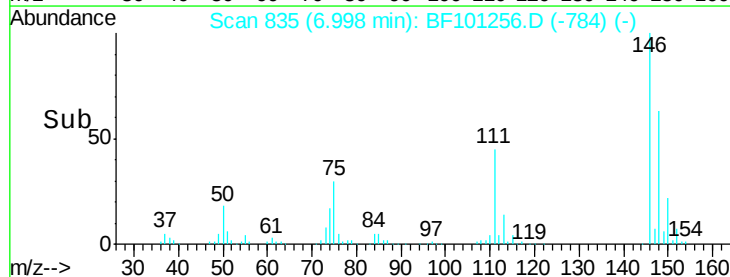
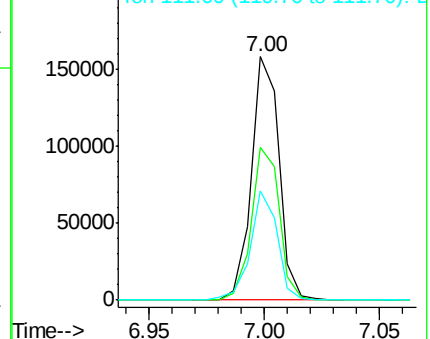
111 44.8 36.0 54.0

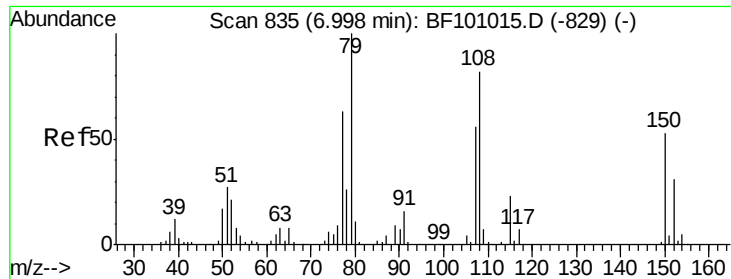


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

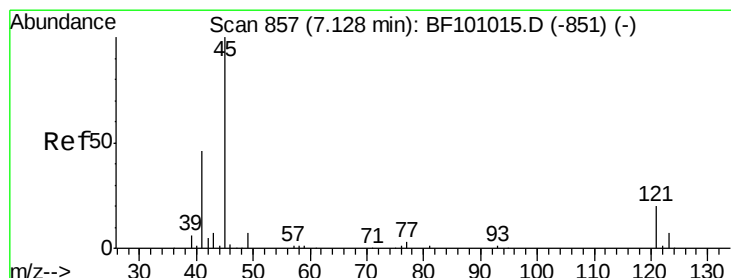
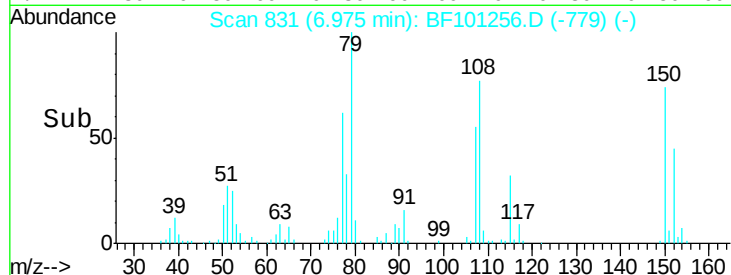
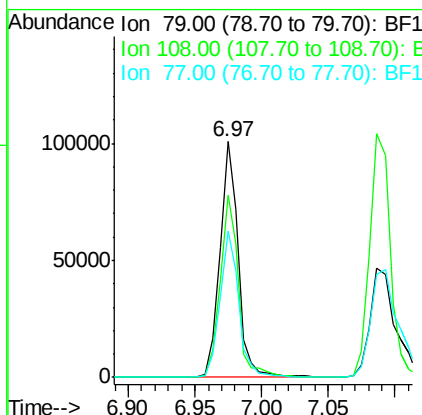
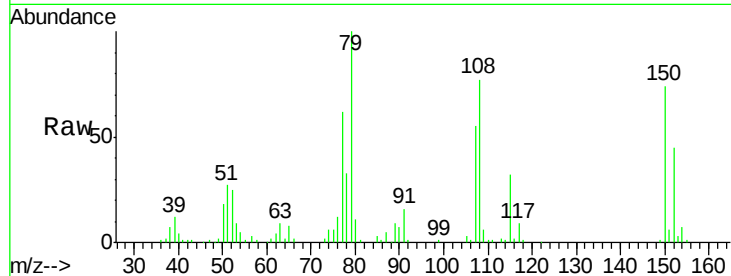




#15
Benzyl Alcohol
Concen: 47.418 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

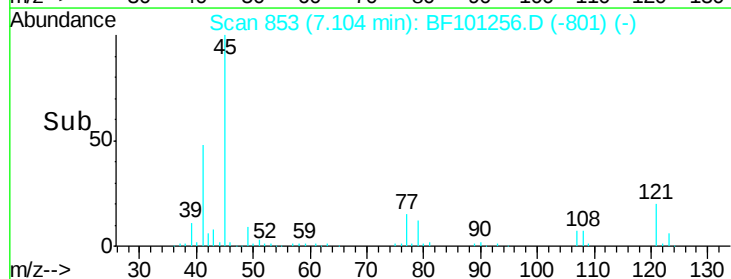
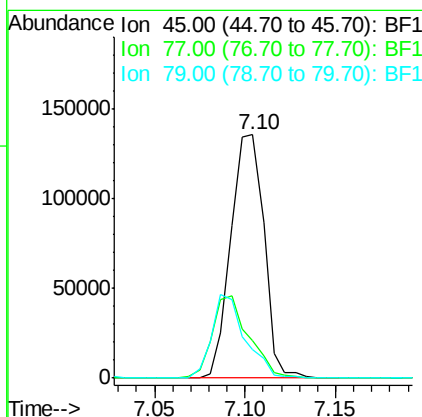
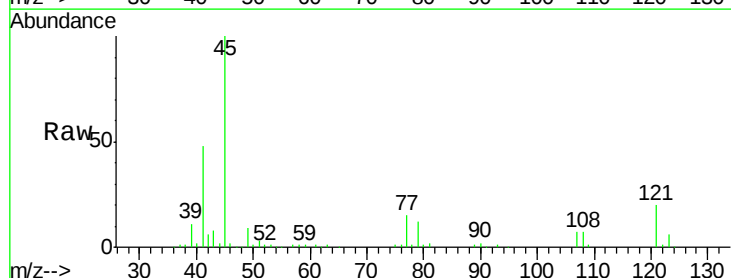
Instrument :
BNA_F
ClientSampleId :
ENV-109-4(0-5)MS

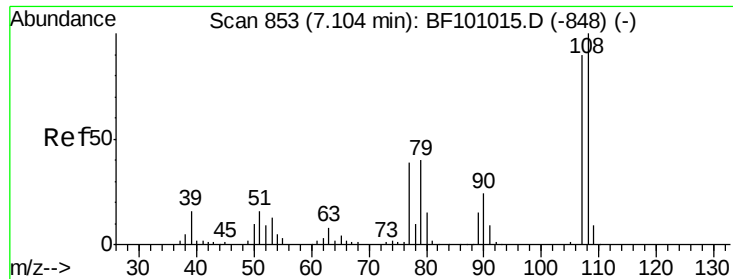
Tot Ion: 79 Resp: 97682
Ion Ratio Lower Upper
79 100
108 77.5 65.1 97.7
77 62.0 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.470 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Tgt Ion: 45 Resp: 173778
Ion Ratio Lower Upper
45 100
77 15.2 0.0 32.9
79 11.8 0.0 29.6

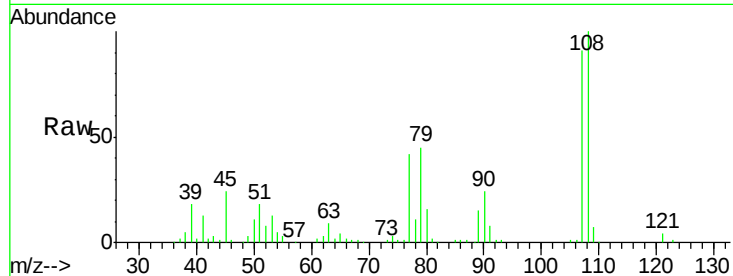




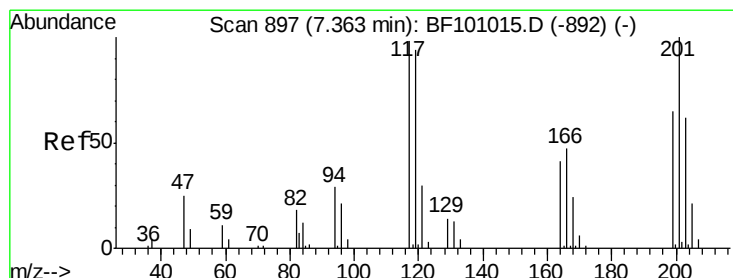
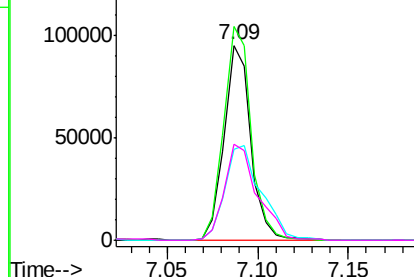
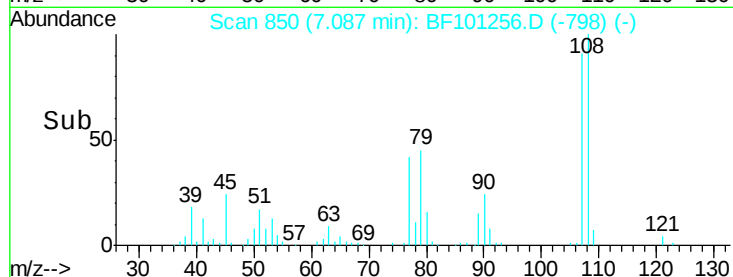
#17
2-Methylphenol
Concen: 50.478 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Instrument :
BNA_F
ClientSampleId :
ENV-109-4(0-5)MS

Tot Ion:107 Resp: 97633
Ion Ratio Lower Upper
107 100
108 109.5 91.7 137.5
77 46.3 33.8 50.8
79 49.2 33.8 50.8

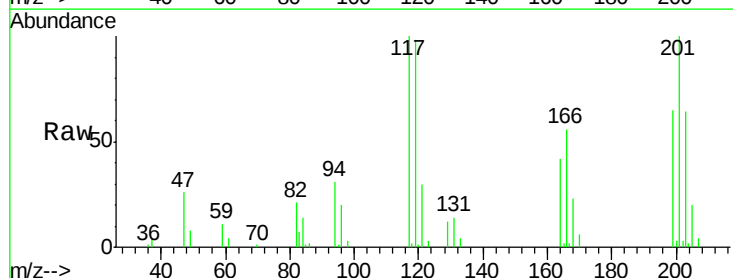


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

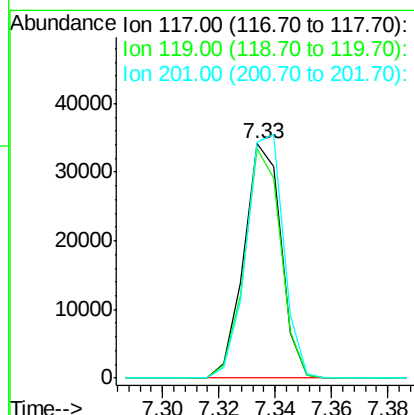
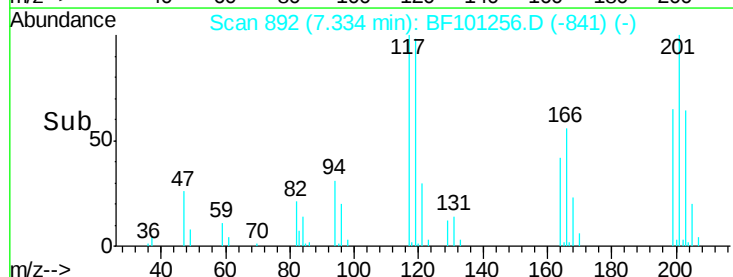


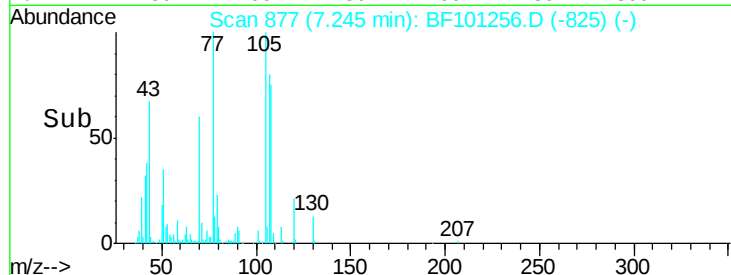
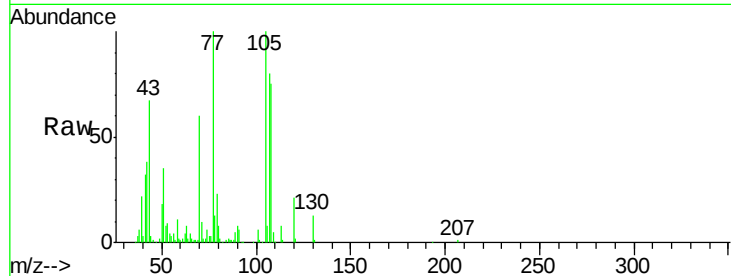
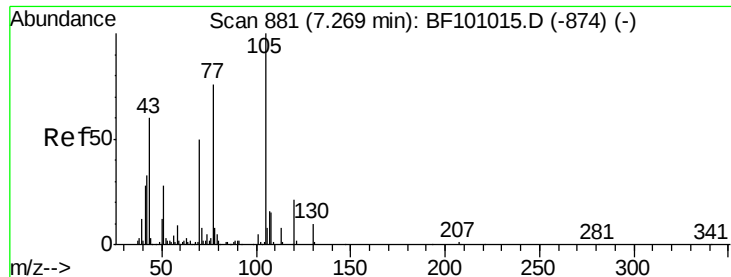
#18
Hexachloroethane
Concen: 33.501 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Tgt Ion:117 Resp: 31080
Ion Ratio Lower Upper
117 100
119 98.0 75.8 113.8
201 100.5 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

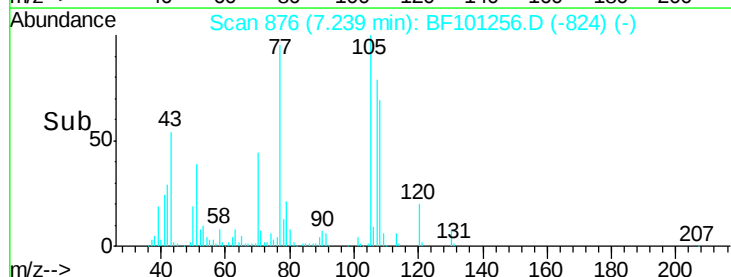
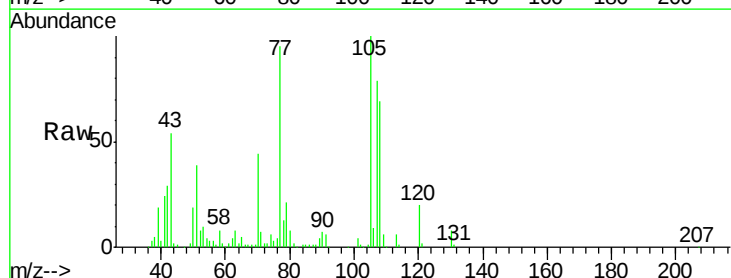
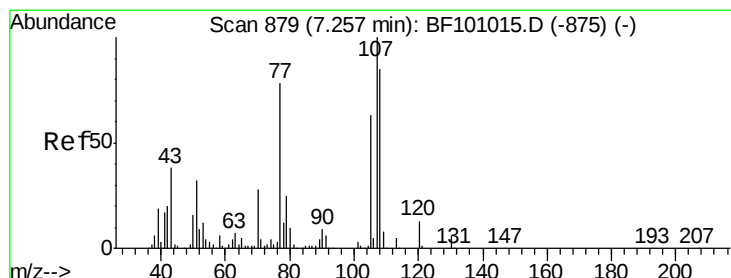
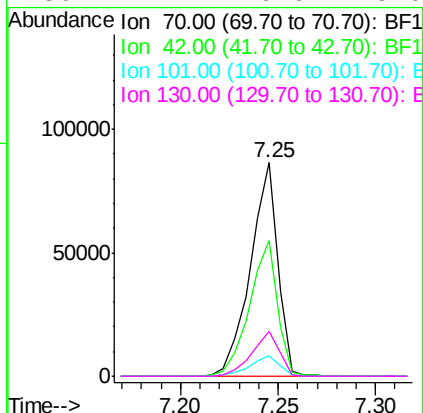




#19
n-Nitroso-di-n-propylamine
Concen: 46.803 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

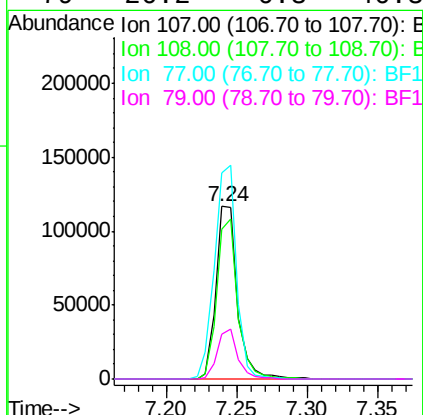
Instrument :
BNA_F
ClientSampleId :
ENV-109-4(0-5)MS

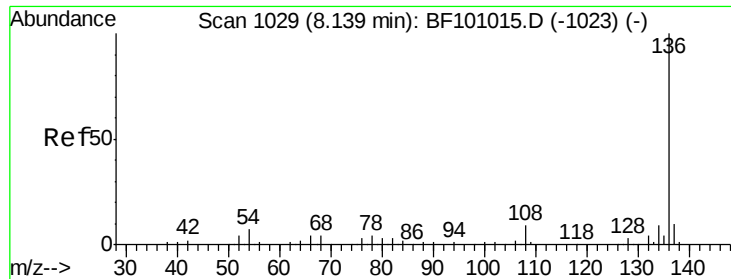
Tot Ion:	70	Resp:	84070
Ion	Ratio	Lower	Upper
70	100		
42	63.8	47.5	71.3
101	9.5	7.4	11.2
130	21.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 49.022 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Tgt Ion:	107	Resp:	123658
Ion	Ratio	Lower	Upper
107	100		
108	86.7	68.2	108.2
77	119.4	26.7	66.7#
79	26.2	6.3	46.3

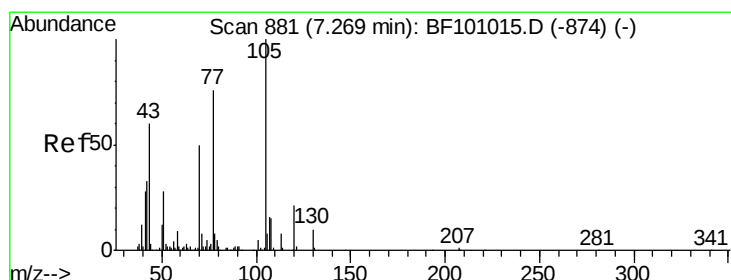
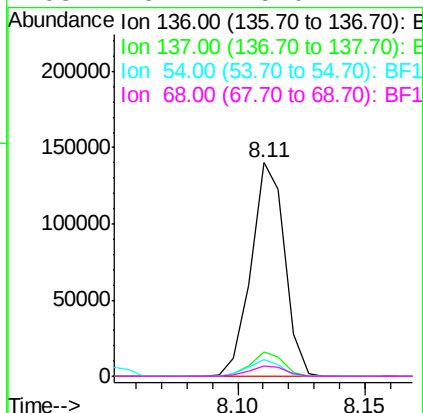
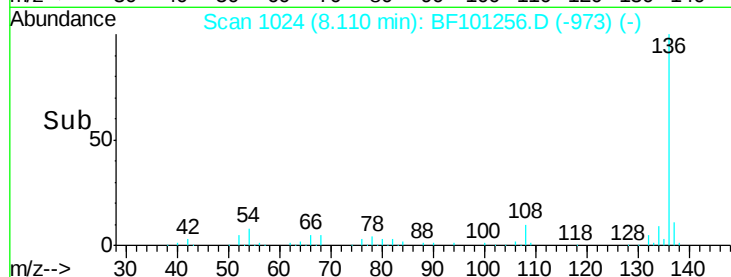
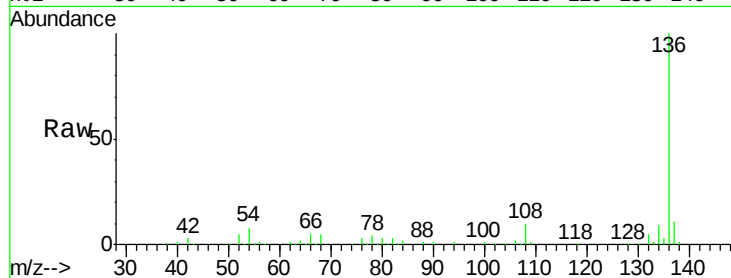




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

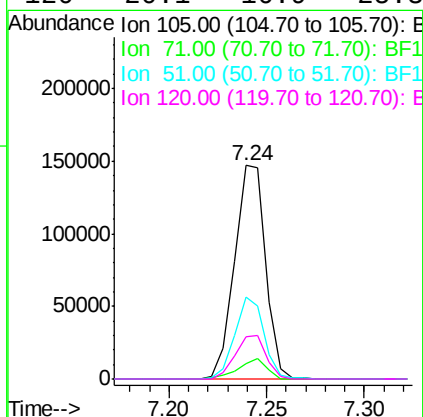
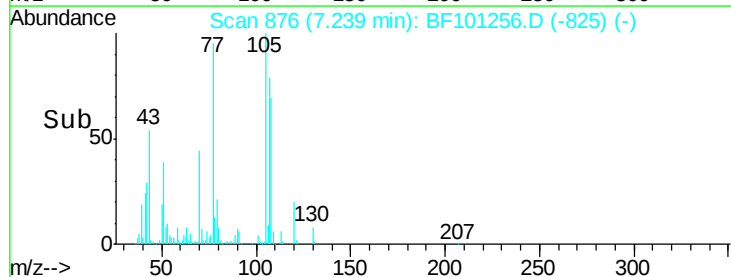
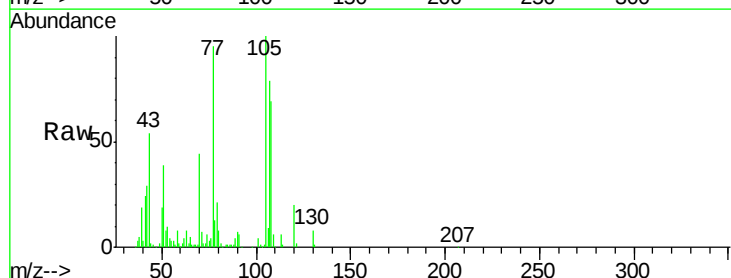
Instrument :
BNA_F
ClientSampleId :
ENV-109-4(0-5)MS

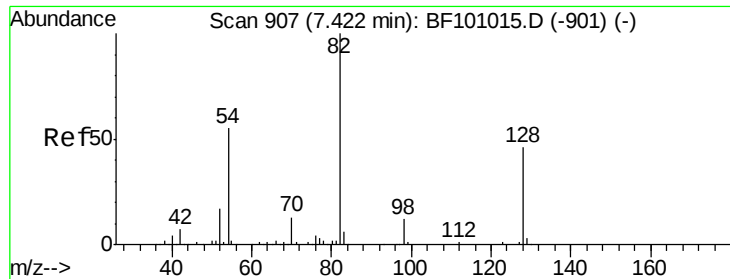
Tot Ion:136	Resp:	128828
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	7.9	6.6 9.8
68	5.1	5.0 7.4



#22
Acetophenone
Concen: 52.037 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Tgt Ion:105	Resp:	161961
Ion Ratio	Lower	Upper
105	100	
71	7.1	4.4 6.6#
51	38.5	22.3 33.5#
120	20.1	16.9 25.3

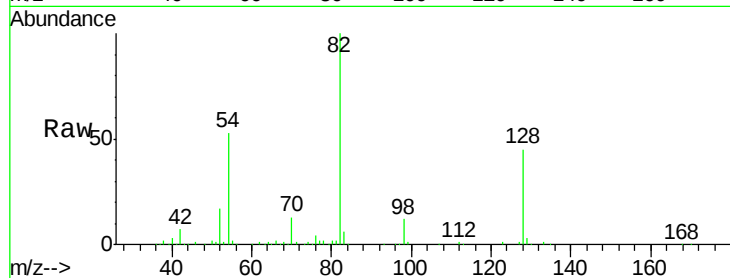




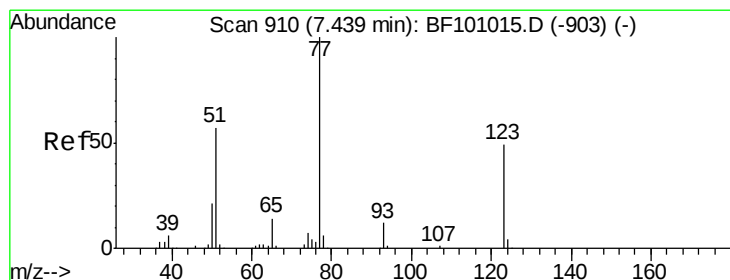
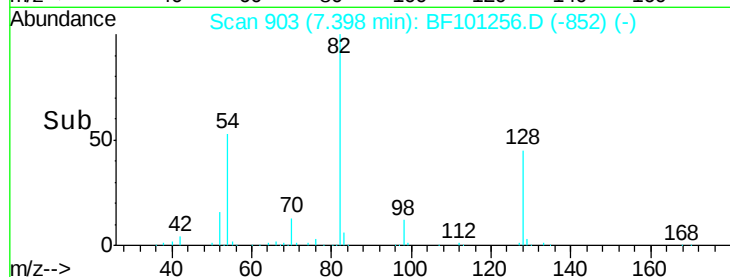
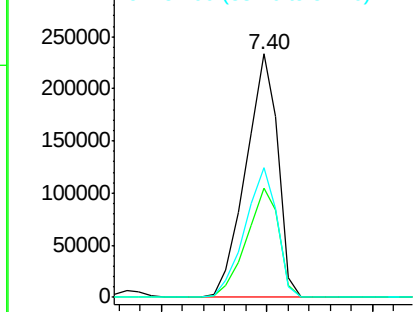
#23
 Nitrobenzene-d5
 Concen: 113.733 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF101256.D
 Acq: 9 Dec 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-4(0-5)MS

Tot Ion: 82 Resp: 245620
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.1 54.1
 54 53.2 41.4 62.2

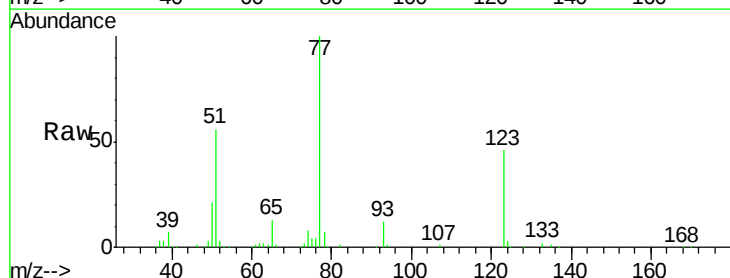


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

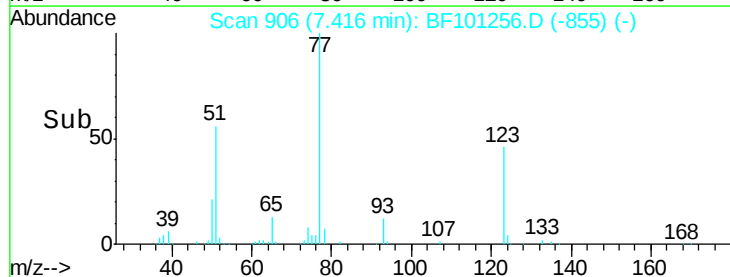
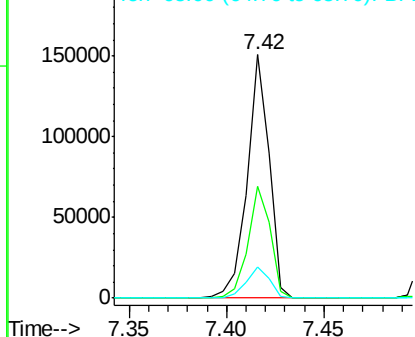


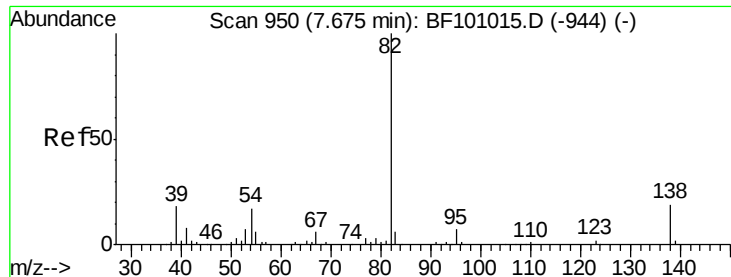
#24
 Nitrobenzene
 Concen: 55.554 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF101256.D
 Acq: 9 Dec 2017 00:28

Tgt Ion: 77 Resp: 117586
 Ion Ratio Lower Upper
 77 100
 123 45.8 37.9 56.9
 65 12.8 11.0 16.4



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





#25

Isophorone

Concen: 57.882 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

Instrument :

BNA_F

ClientSampleId :

ENV-109-4(0-5)MS

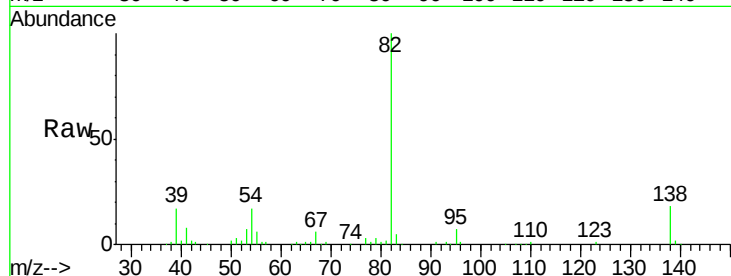
Tot Ion: 82 Resp: 213521

Ion Ratio Lower Upper

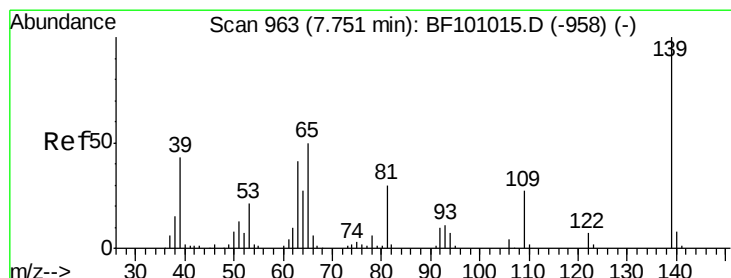
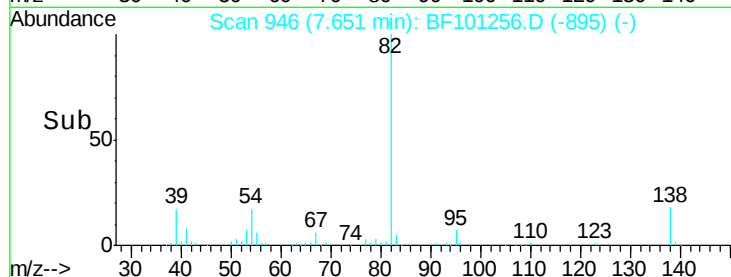
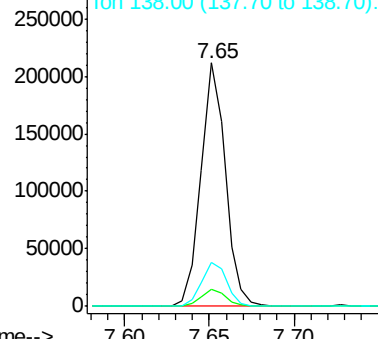
82 100

95 6.8 5.2 7.8

138 18.2 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 35.533 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

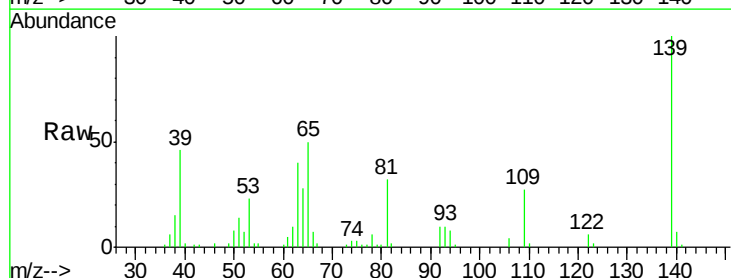
Tgt Ion: 139 Resp: 41286

Ion Ratio Lower Upper

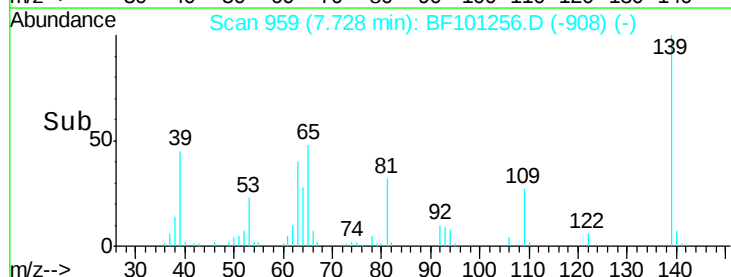
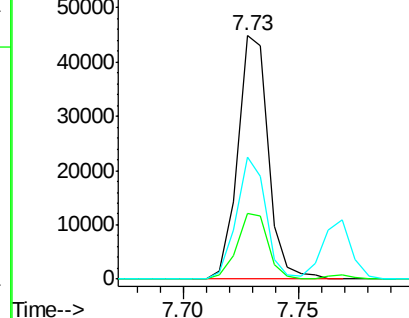
139 100

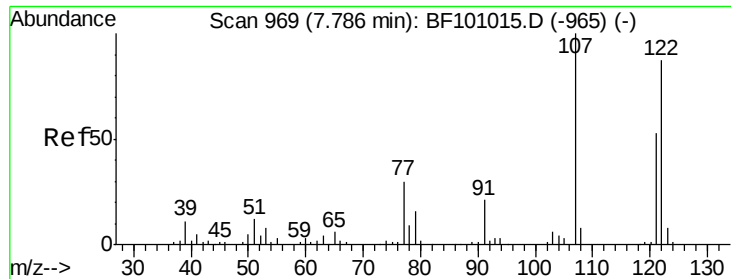
109 27.2 22.7 34.1

65 50.3 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 57.951 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

Instrument :

BNA_F

ClientSampleId :

ENV-109-4(0-5)MS

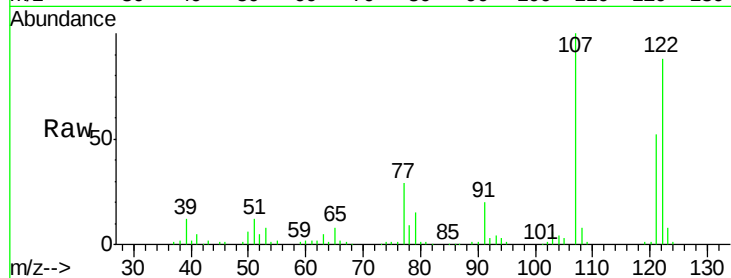
Tot Ion:122 Resp: 97404

Ion Ratio Lower Upper

122 100

107 113.9 91.2 136.8

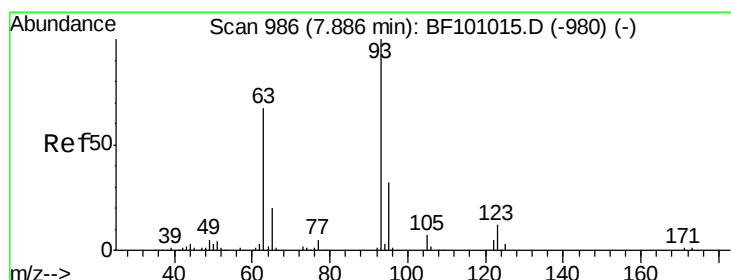
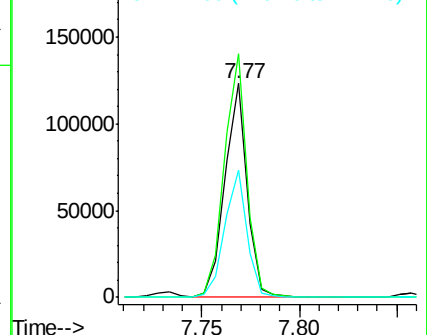
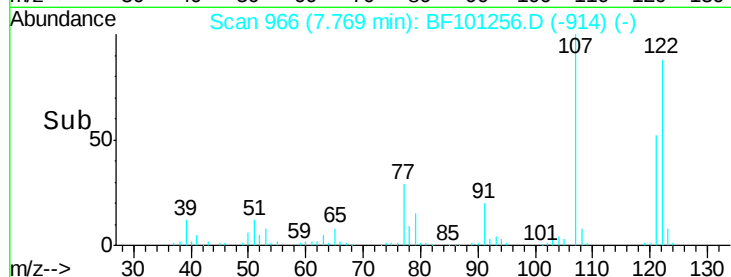
121 59.6 47.2 70.8



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: 56.002 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

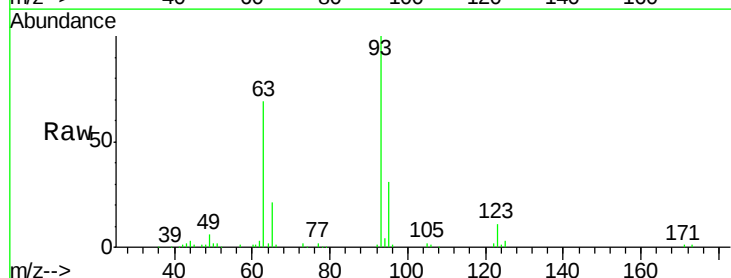
Tgt Ion: 93 Resp: 138846

Ion Ratio Lower Upper

93 100

95 31.4 26.3 39.5

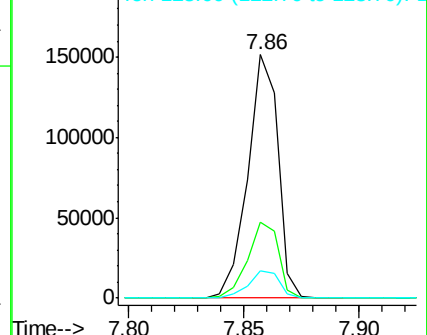
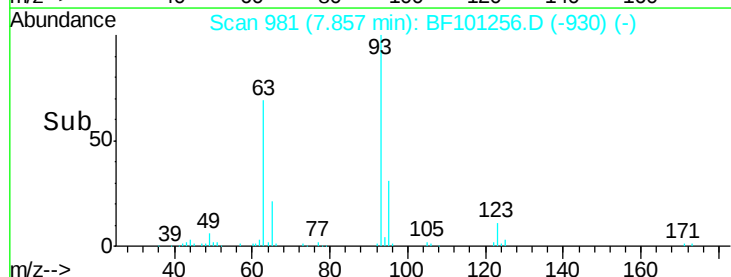
123 11.0 9.8 14.6

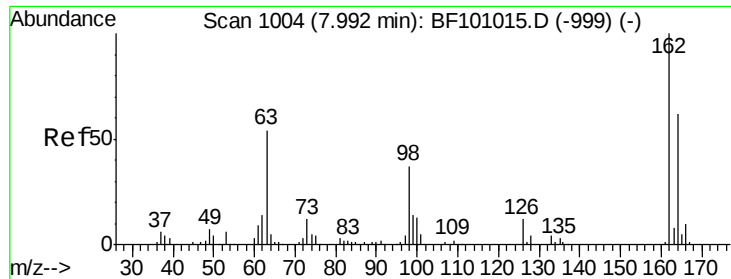


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

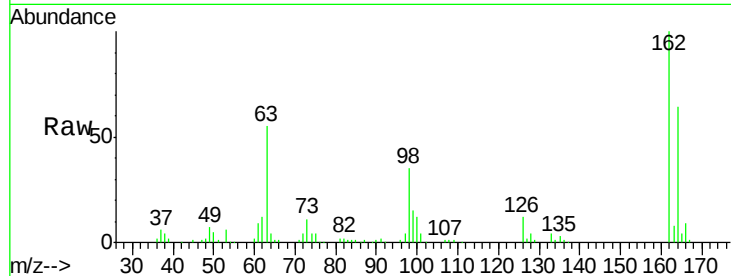




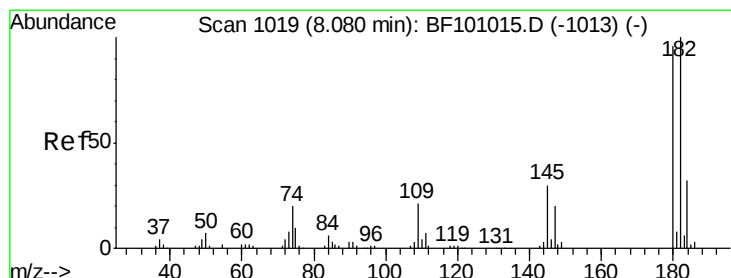
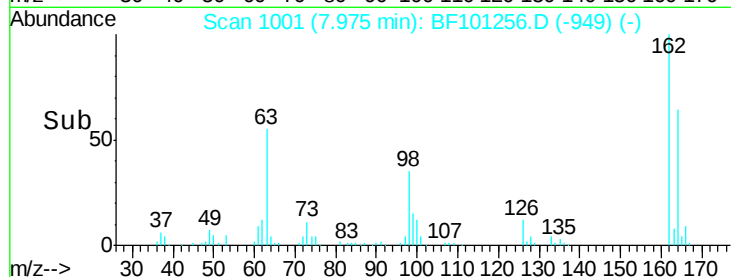
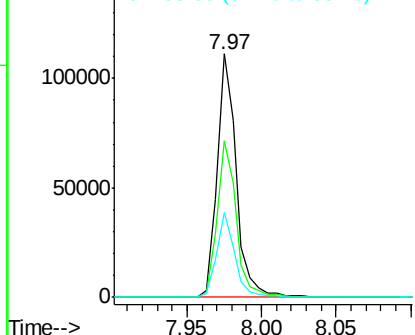
#29
 2,4-Dichlorophenol
 Concen: 54.627 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: BF101256.D
 Acq: 9 Dec 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-4(0-5)MS

Tot Ion:162 Resp: 99943
 Ion Ratio Lower Upper
 162 100
 164 64.4 42.7 82.7
 98 35.1 18.1 58.1

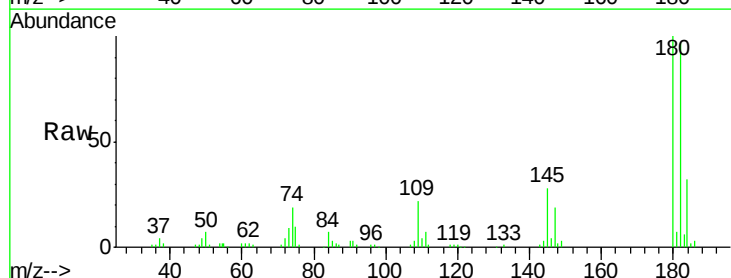


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

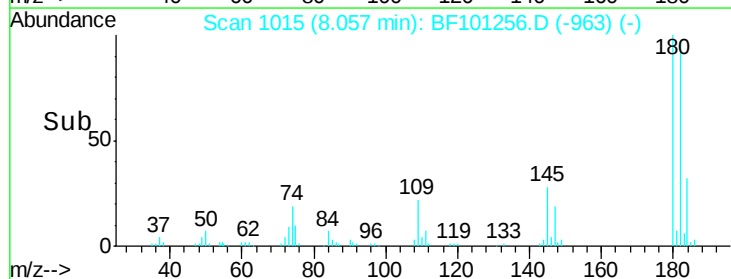
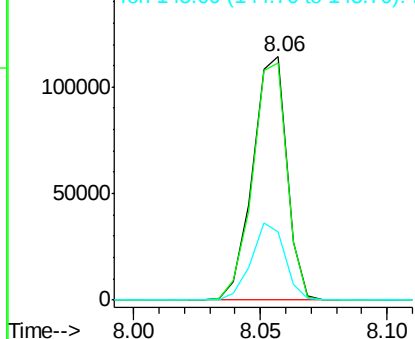


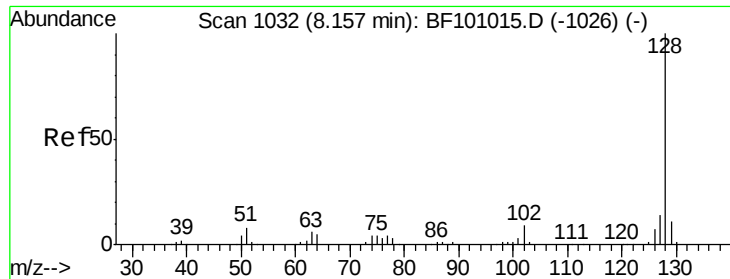
#30
 1,2,4-Trichlorobenzene
 Concen: 53.592 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: BF101256.D
 Acq: 9 Dec 2017 00:28

Tgt Ion:180 Resp: 107815
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.8 115.2
 145 28.1 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

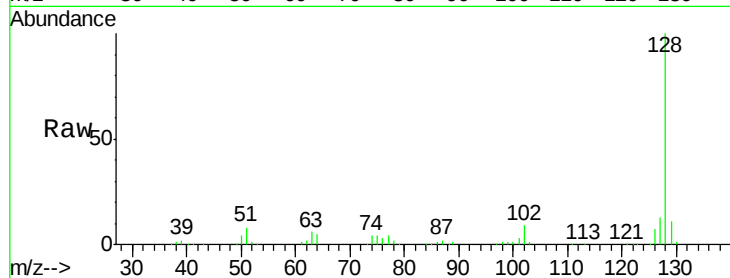




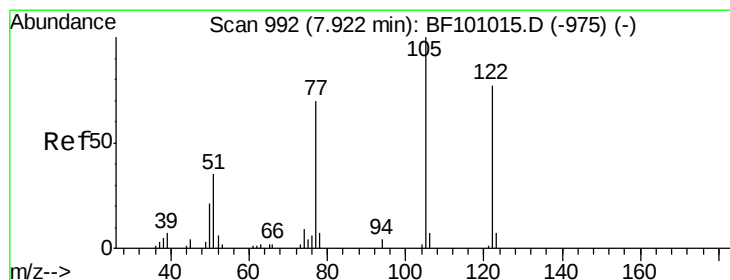
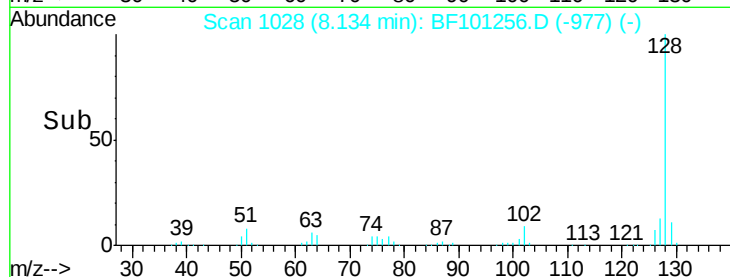
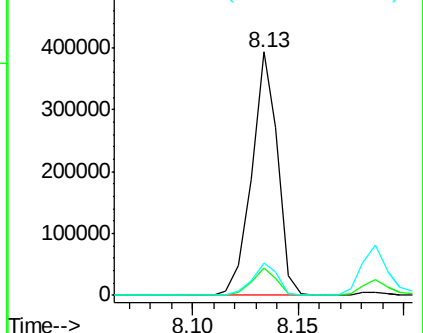
#31
Naphthalene
Concen: 52.391 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Instrument :
BNA_F
ClientSampleId :
ENV-109-4(0-5)MS

Tot Ion:128 Resp: 332644
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.4 10.9 16.3

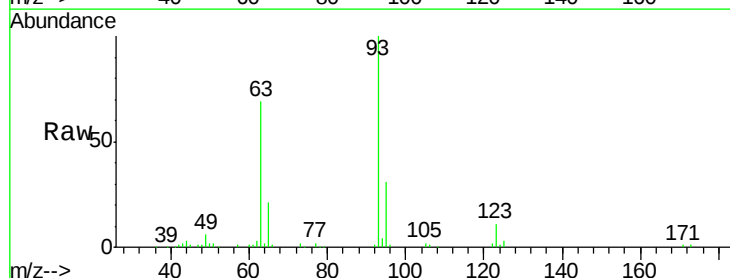


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

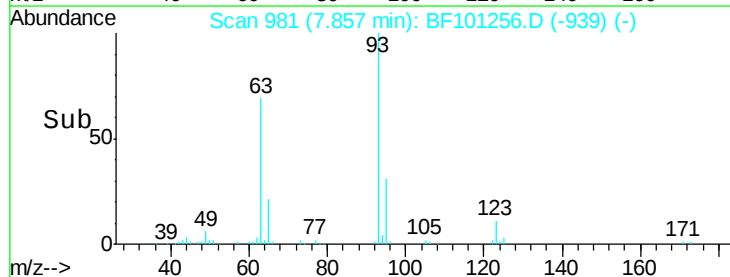
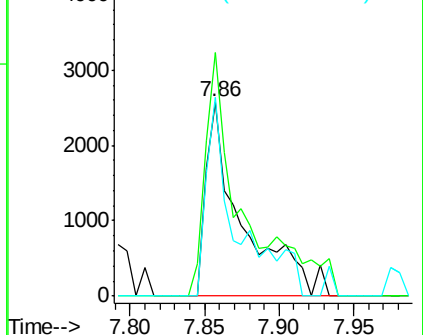


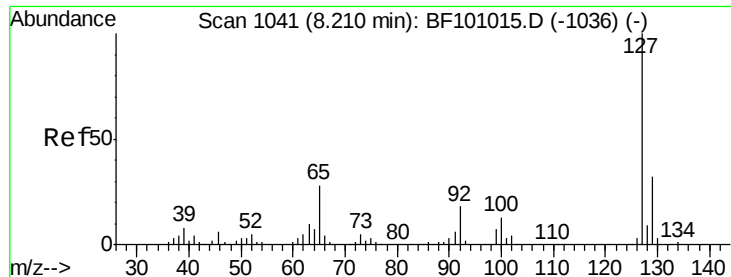
#32
Benzoic acid
Concen: 3.327 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.05 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Tgt Ion:122 Resp: 4349
Ion Ratio Lower Upper
122 100
105 125.4 101.1 141.1
77 102.4 70.7 110.7



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

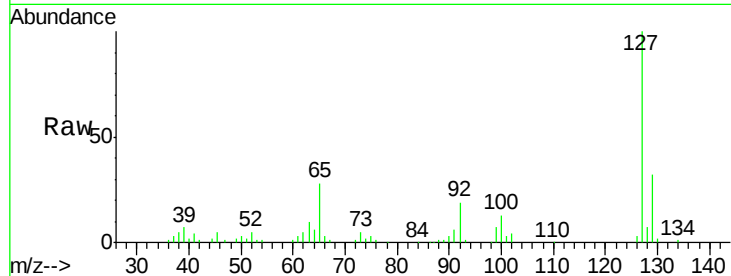




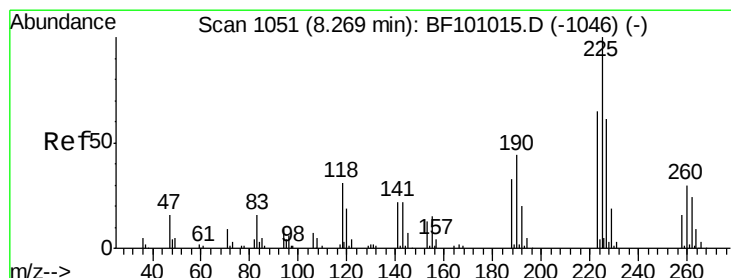
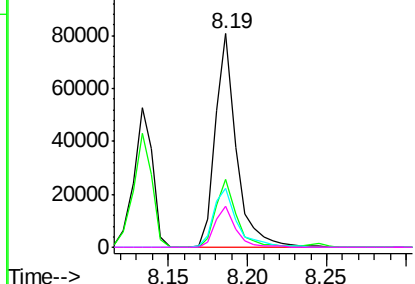
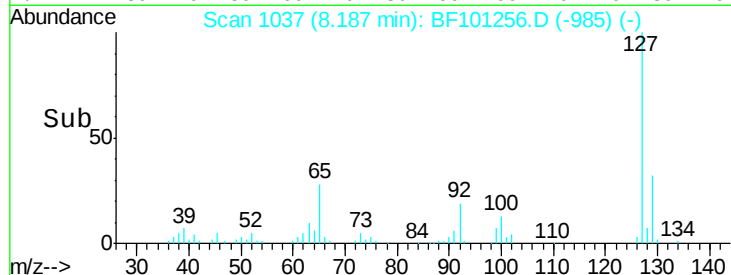
#33
4-Chloroaniline
Concen: 29.317 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Instrument :
BNA_F
ClientSampleId :
ENV-109-4(0-5)MS

Tot Ion:127 Resp: 74793
Ion Ratio Lower Upper
127 100
129 31.9 25.9 38.9
65 27.8 25.0 37.4
92 19.3 15.2 22.8

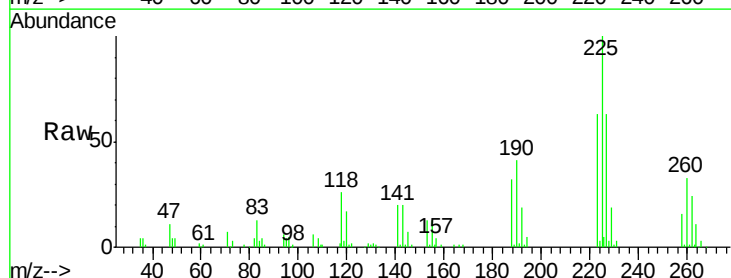


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

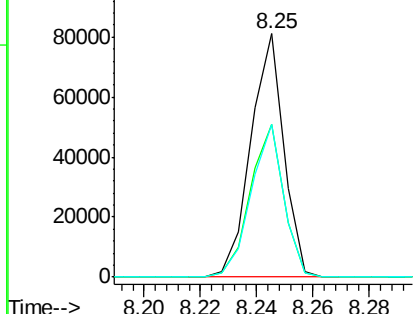
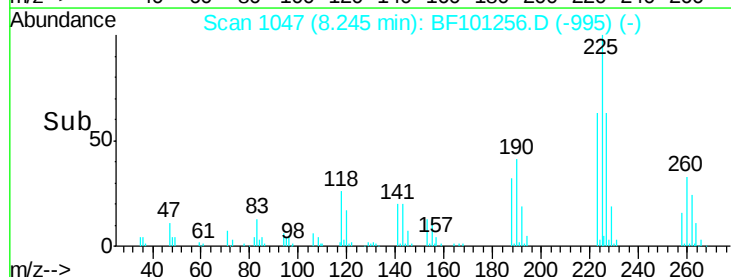


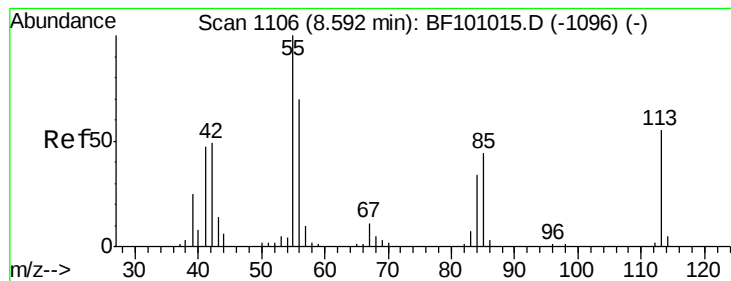
#34
Hexachlorobutadiene
Concen: 53.182 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Tgt Ion:225 Resp: 65620
Ion Ratio Lower Upper
225 100
223 62.7 50.6 76.0
227 62.9 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: 47.187 ng/mL

RT: 8.56 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

Instrument :

BNA_F

ClientSampleId :

ENV-109-4(0-5)MS

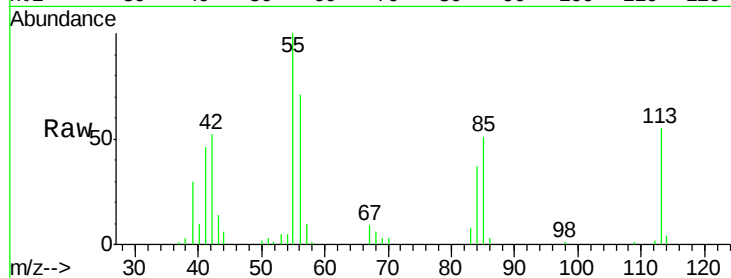
Tot Ion:113 Resp: 26905

Ion Ratio Lower Upper

113 100

55 183.0 163.3 203.3

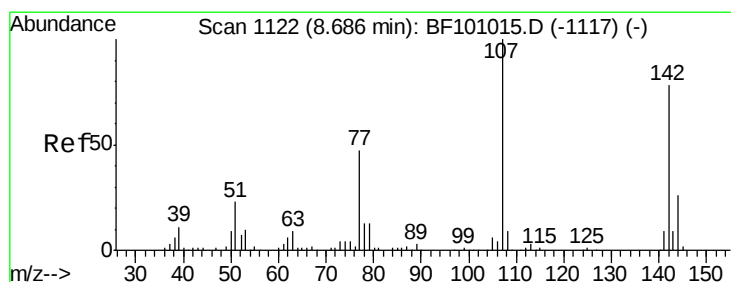
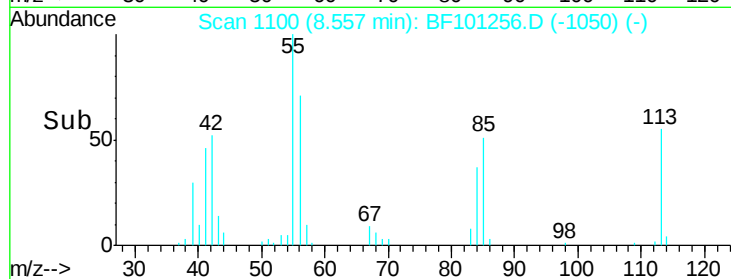
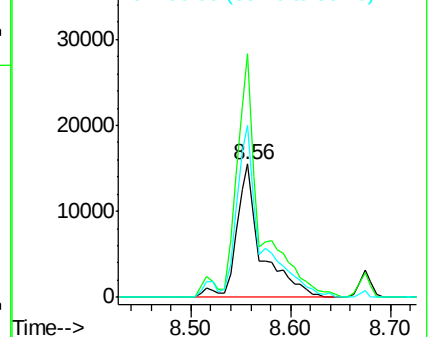
56 129.4 115.7 155.7



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: 48.877 ng/mL

RT: 8.67 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

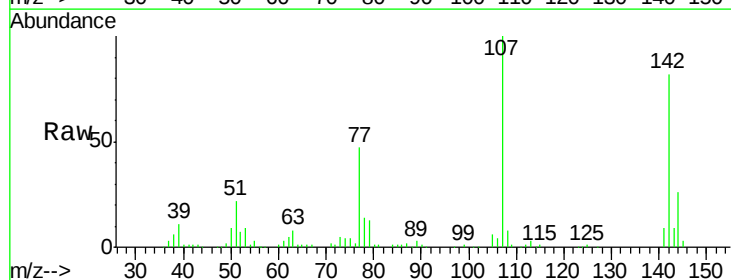
Tgt Ion:107 Resp: 92631

Ion Ratio Lower Upper

107 100

144 25.5 20.5 30.7

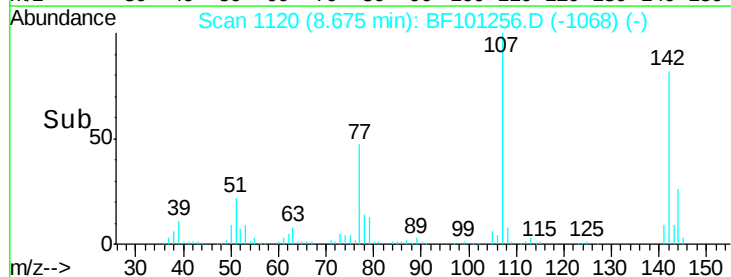
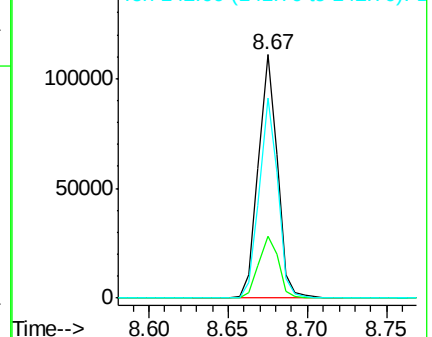
142 81.9 62.0 93.0

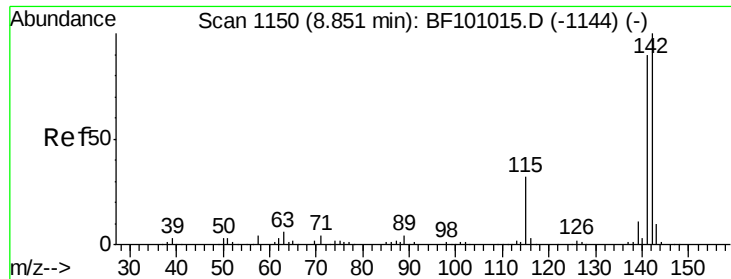


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

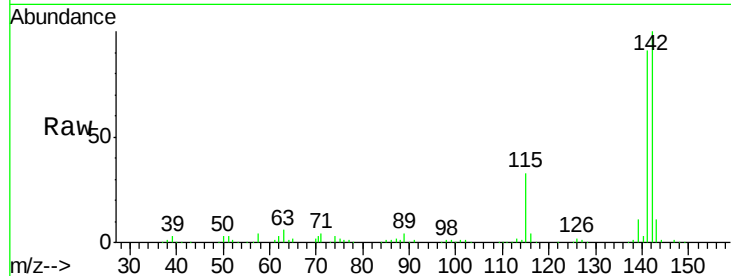




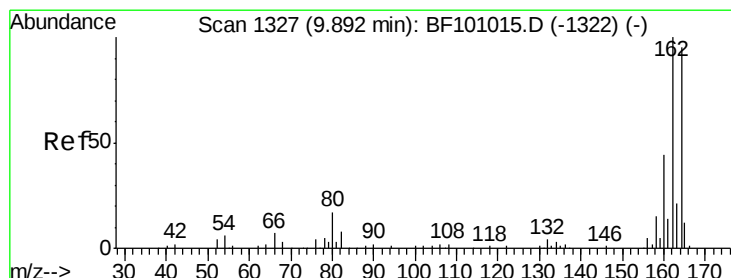
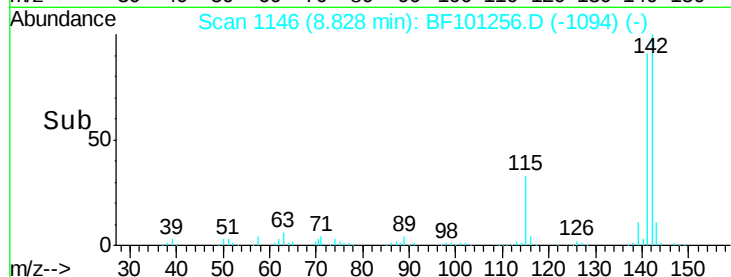
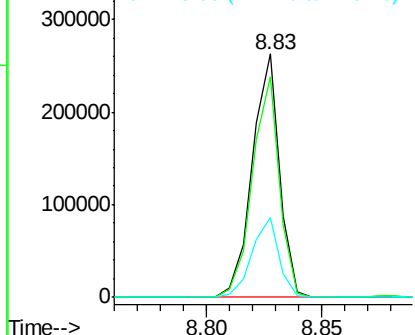
#37
2-Methylnaphthalene
Concen: 50.203 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Instrument :
BNA_F
ClientSampleId :
ENV-109-4(0-5)MS

Tot Ion:142 Resp: 216586
Ion Ratio Lower Upper
142 100
141 90.8 70.8 106.2
115 32.9 26.1 39.1

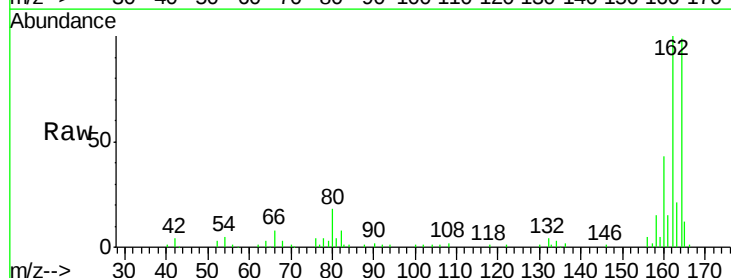


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

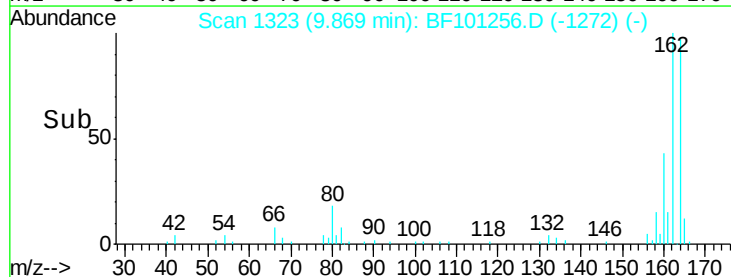
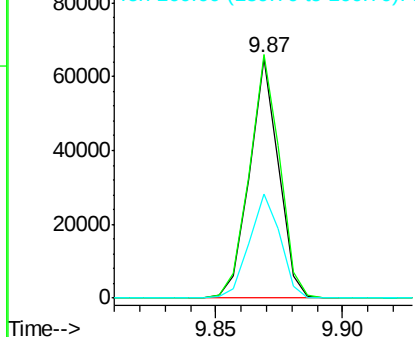


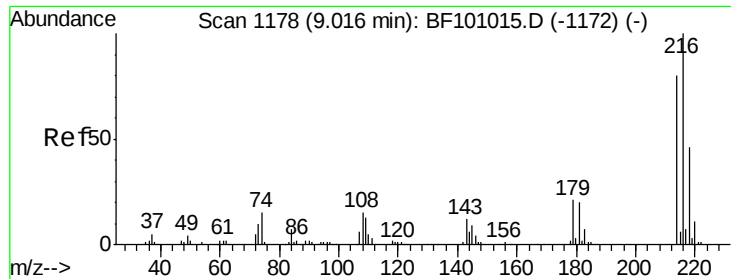
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Tgt Ion:164 Resp: 51763
Ion Ratio Lower Upper
164 100
162 101.4 86.1 129.1
160 43.1 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

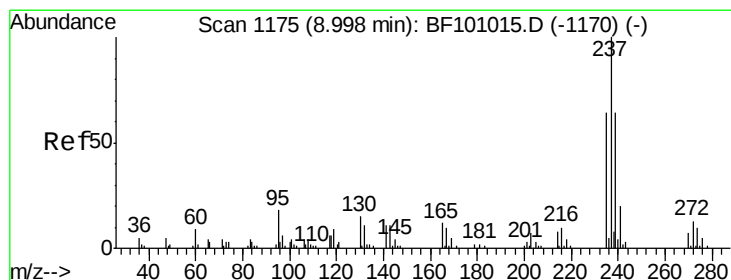
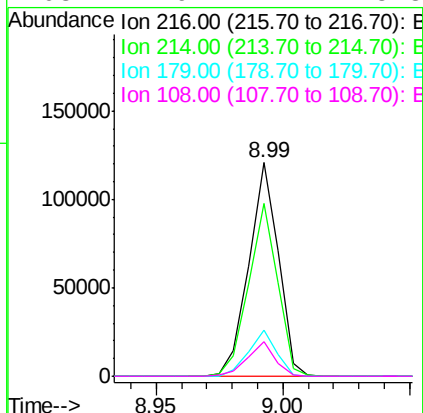
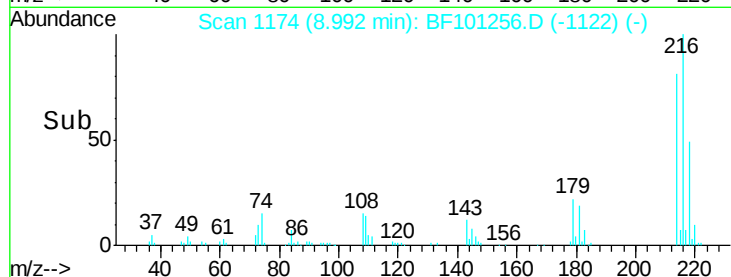
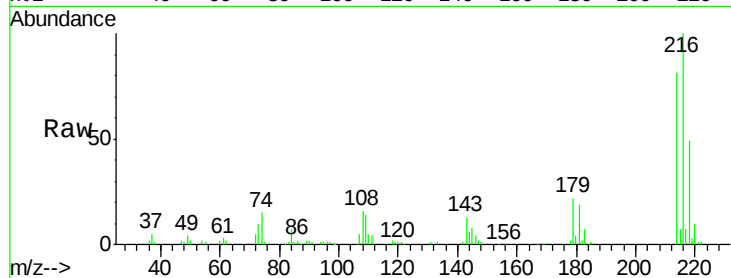




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.065 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: BF101256.D
 Acq: 9 Dec 2017 00:28

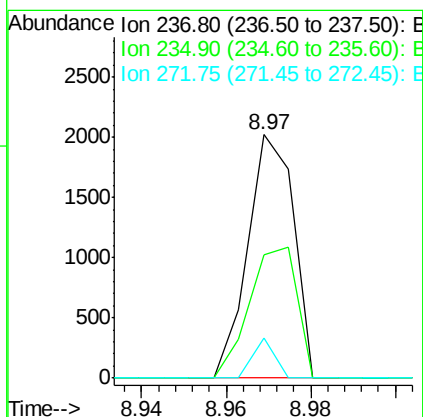
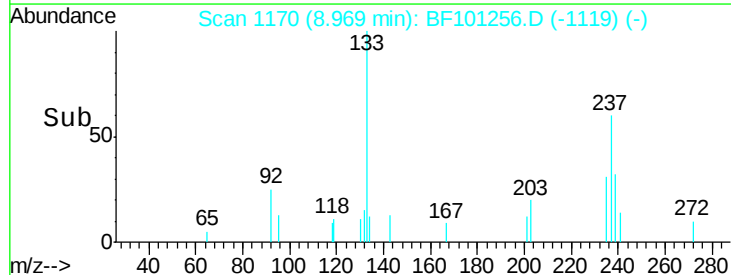
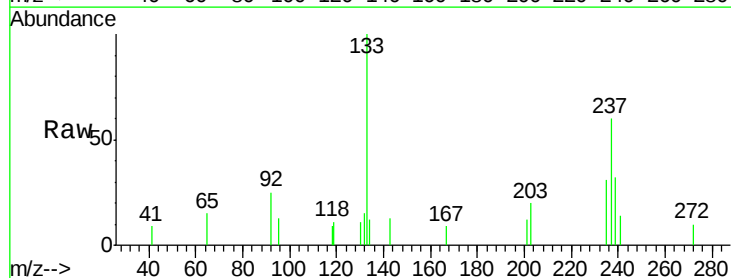
Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-4(0-5)MS

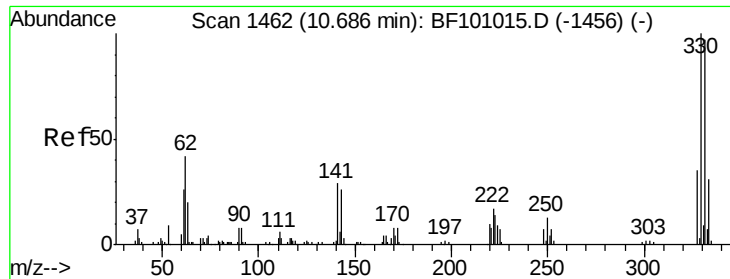
Tot Ion:216	Resp:	97906
Ion Ratio	Lower	Upper
216	100	
214	79.5	63.0 94.4
179	20.6	18.1 27.1
108	14.9	17.2 25.8#



#40
 Hexachlorocyclopentadiene
 Concen: 10.171 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF101256.D
 Acq: 9 Dec 2017 00:28

Tgt Ion:237	Resp:	1526
Ion Ratio	Lower	Upper
237	100	
235	50.7	44.8 84.8
272	16.3	0.0 33.3





#41

2,4,6-Tribromophenol

Concen: 139.650 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

Instrument :

BNA_F

ClientSampleId :

ENV-109-4(0-5)MS

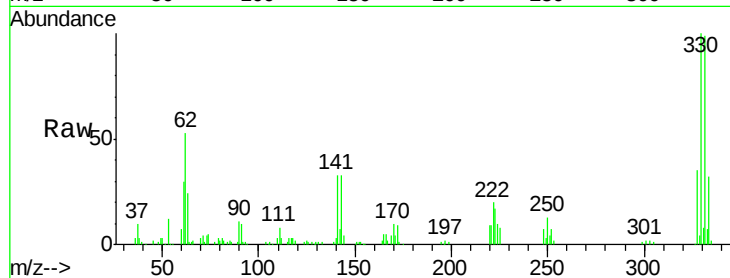
Tot Ion:330 Resp: 86837

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

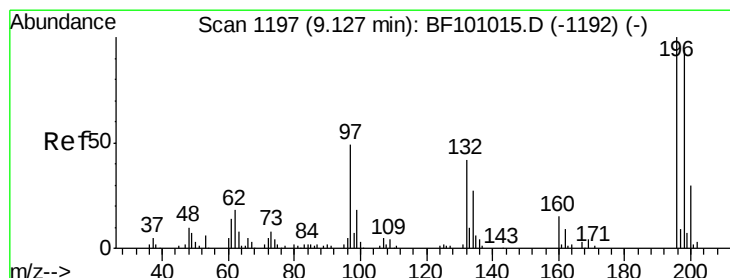
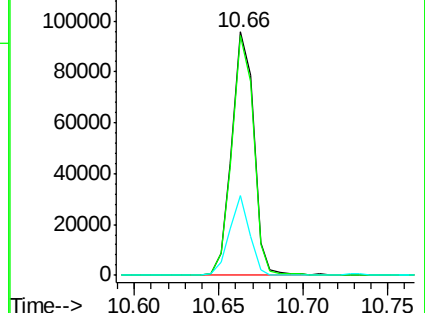
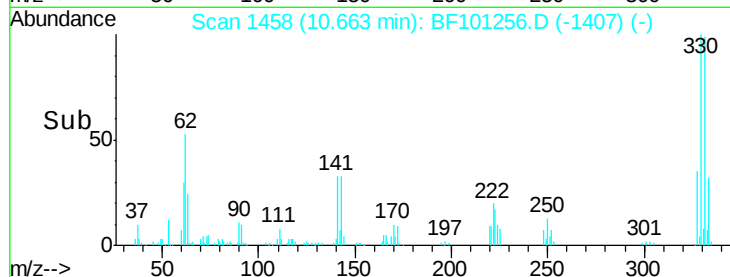
141 29.7 29.9 44.9#



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: 56.357 ng

RT: 9.11 min Scan# 1194

Delta R.T. 0.01 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

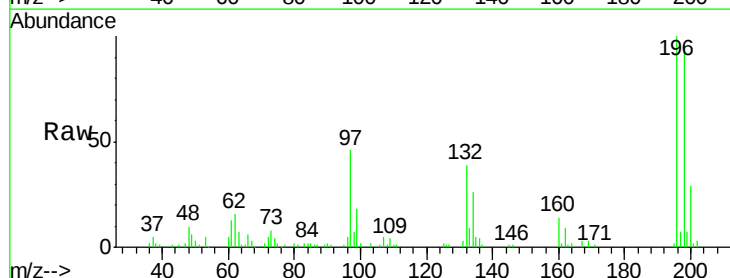
Tgt Ion:196 Resp: 62124

Ion Ratio Lower Upper

196 100

198 95.7 75.7 113.5

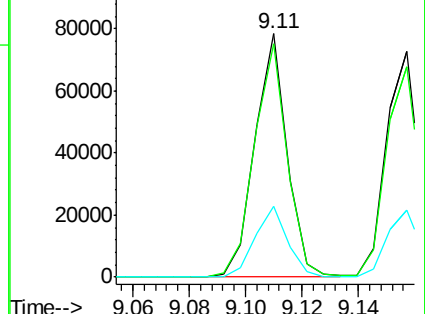
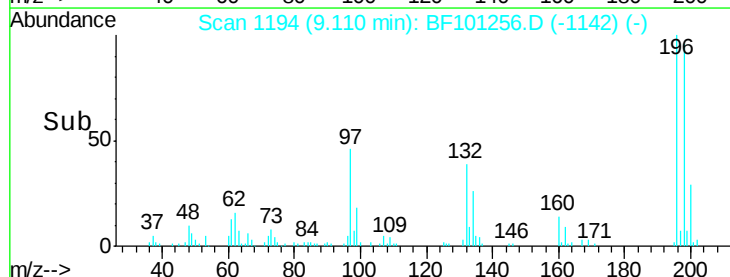
200 29.3 24.5 36.7

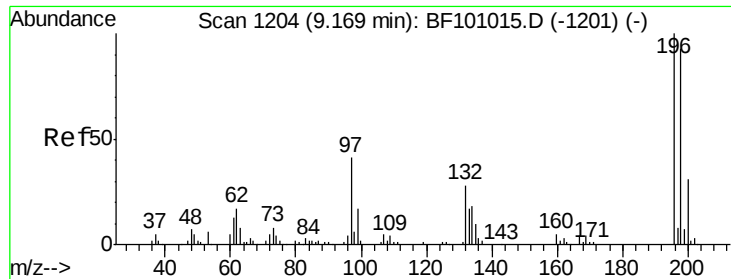


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

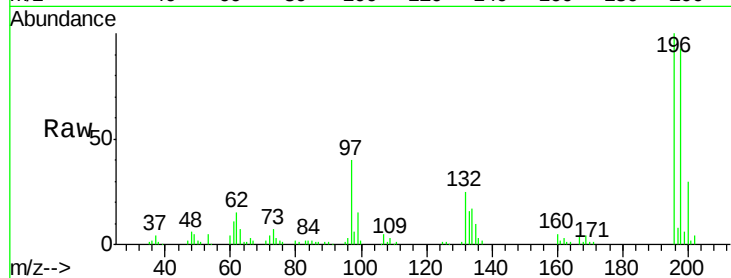




#43
 2,4,5-Trichlorophenol
 Concen: 53.423 ng/mL
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF101256.D
 Acq: 9 Dec 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-4(0-5)MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.3	74.6	112.0
97	40.2	42.9	64.3
132	25.1	26.3	39.5



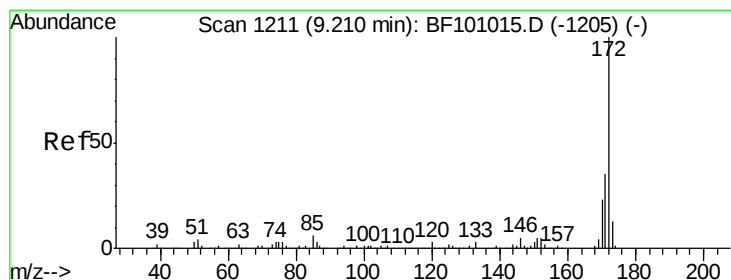
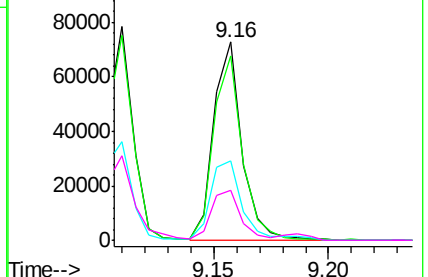
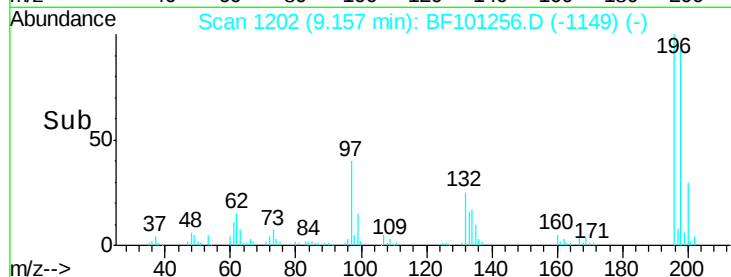
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

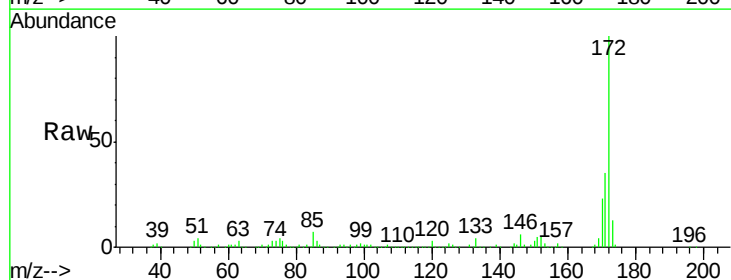
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 128.182 ng/mL
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF101256.D
 Acq: 9 Dec 2017 00:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.4	19.6	29.4

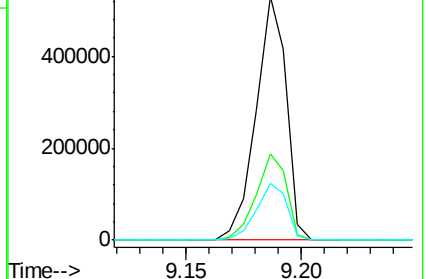
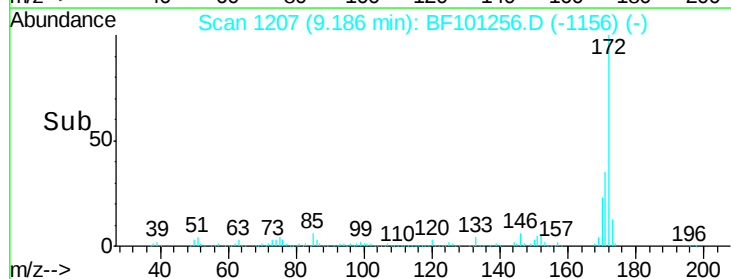


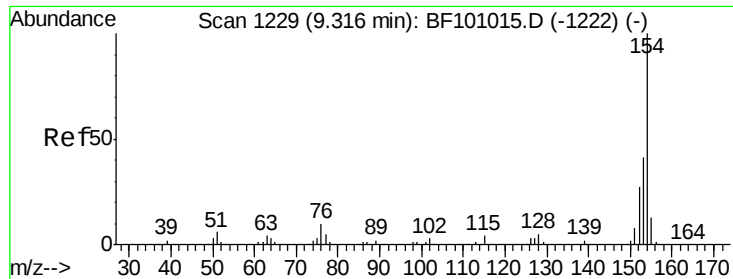
Abundance

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

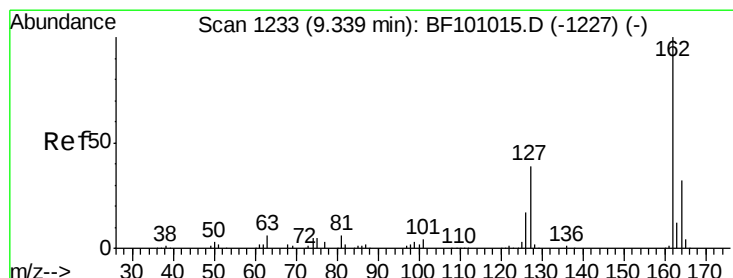
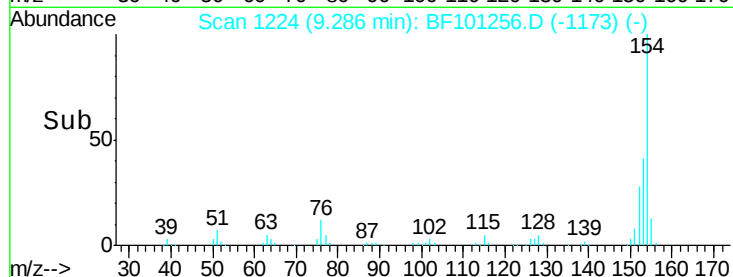
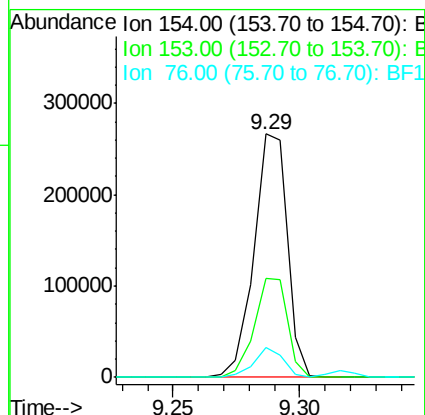
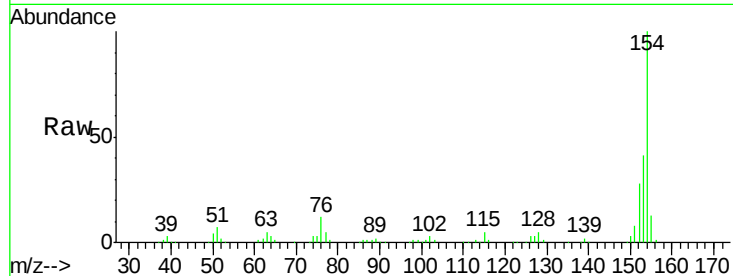




#45
1,1'-Biphenyl
Concen: 51.623 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

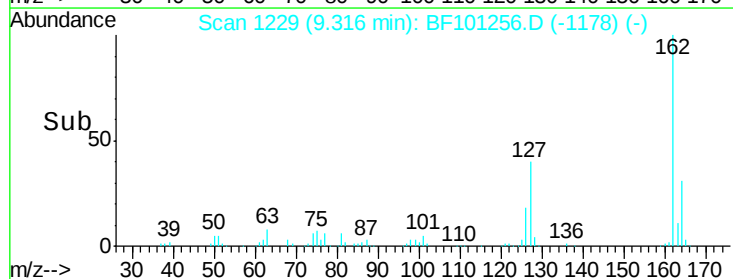
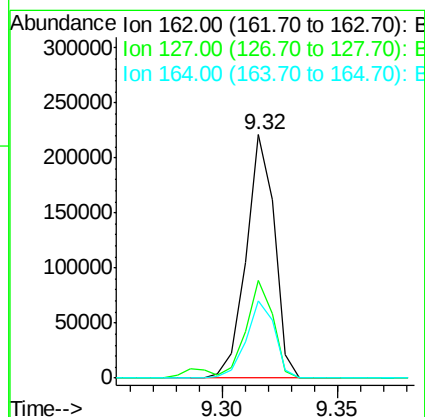
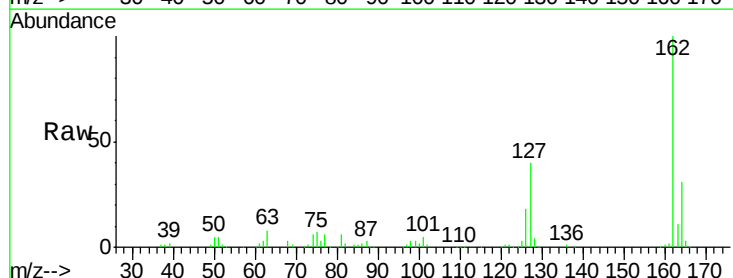
Instrument :
BNA_F
ClientSampleId :
ENV-109-4(0-5)MS

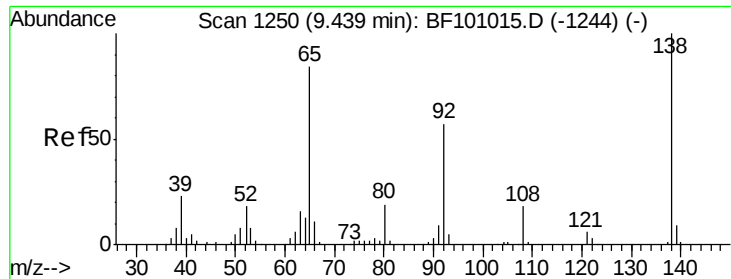
Tot Ion:154 Resp: 244826
Ion Ratio Lower Upper
154 100
153 40.5 21.3 61.3
76 12.2 0.0 34.0



#46
2-Chloronaphthalene
Concen: 56.139 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Tgt Ion:162 Resp: 189078
Ion Ratio Lower Upper
162 100
127 39.9 33.9 50.9
164 31.5 26.5 39.7

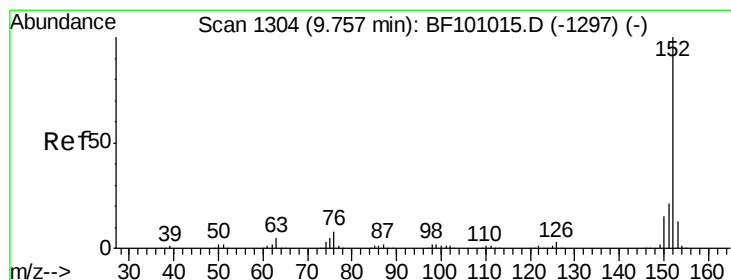
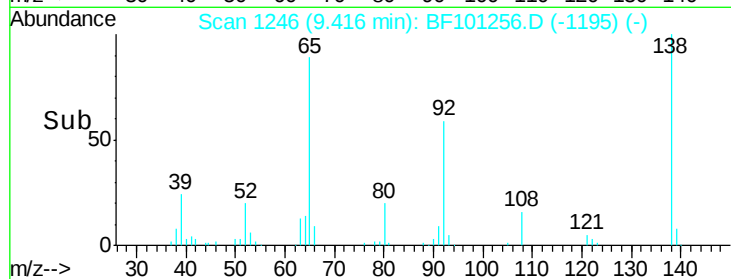
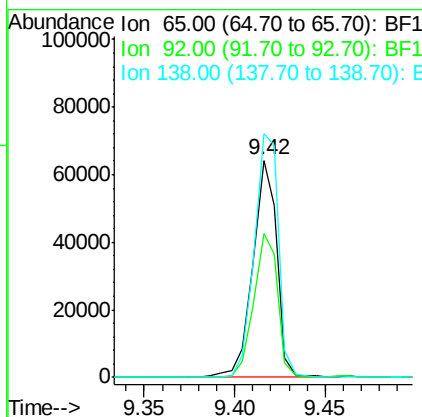
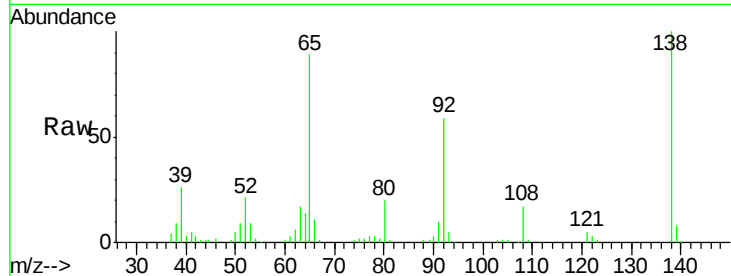




#47
 2-Nitroaniline
 Concen: 59.044 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF101256.D
 Acq: 9 Dec 2017 00:28

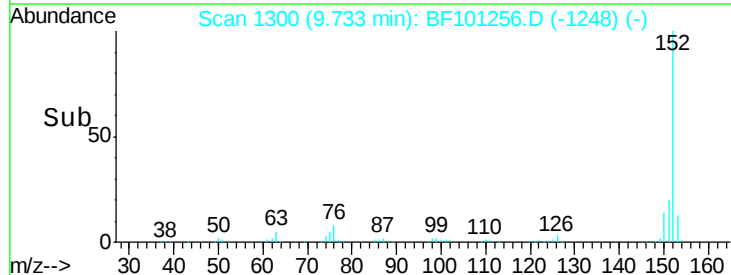
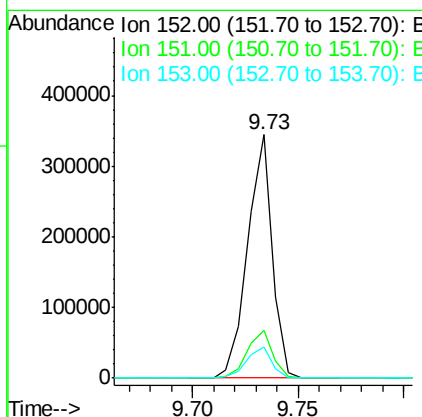
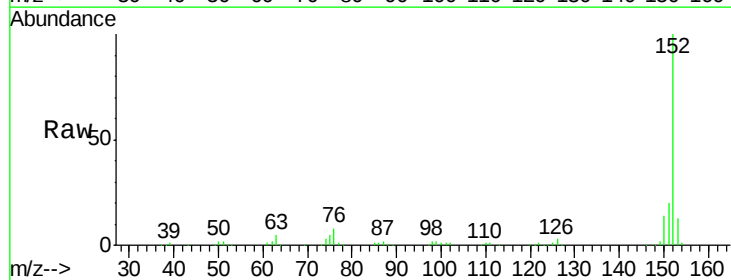
Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-4(0-5)MS

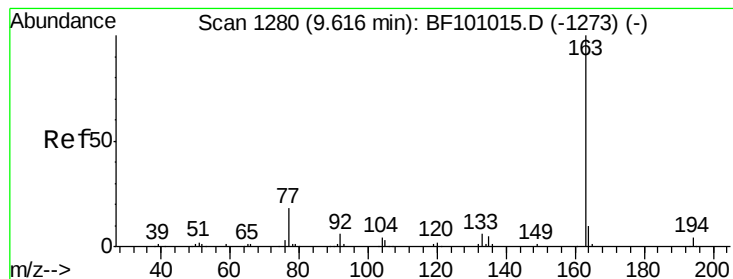
Tot Ion: 65 Resp: 58836
 Ion Ratio Lower Upper
 65 100
 92 66.3 55.8 83.6
 138 112.0 91.2 136.8



#48
 Acenaphthylene
 Concen: 50.427 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BF101256.D
 Acq: 9 Dec 2017 00:28

Tgt Ion: 152 Resp: 279115
 Ion Ratio Lower Upper
 152 100
 151 19.6 16.3 24.5
 153 13.0 10.7 16.1





#49

Dimethylphthalate

Concen: 61.612 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

Instrument :

BNA_F

ClientSampleId :

ENV-109-4(0-5)MS

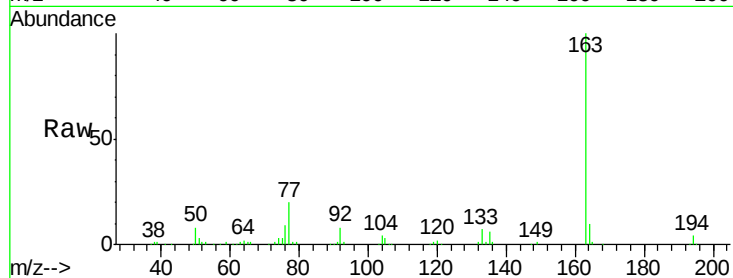
Tot Ion:163 Resp: 257203

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

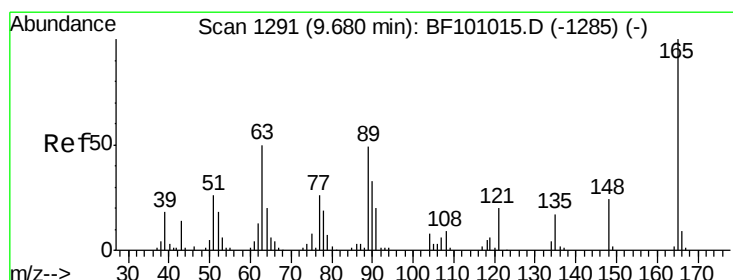
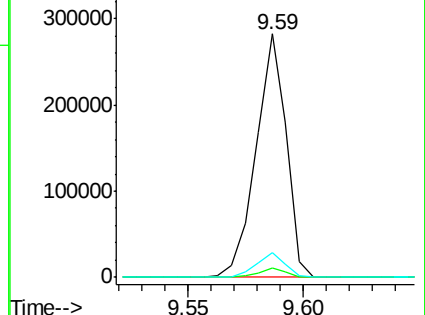
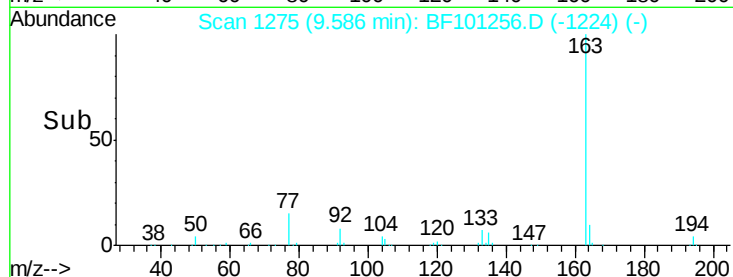
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.221 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

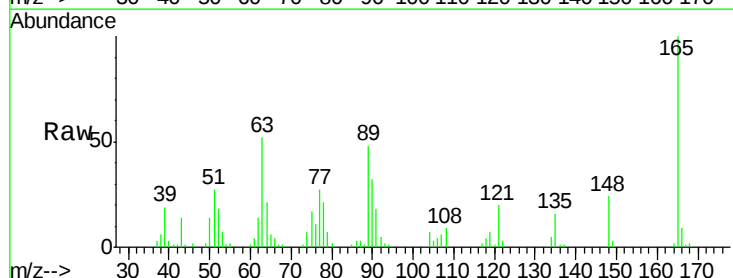
Tgt Ion:165 Resp: 37123

Ion Ratio Lower Upper

165 100

63 51.8 44.7 67.1

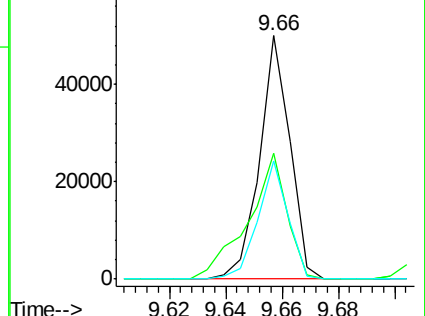
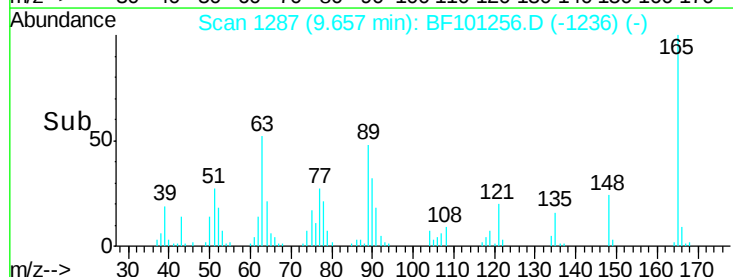
89 48.5 44.0 66.0

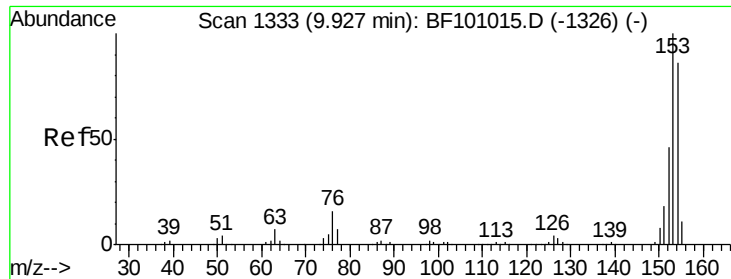


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

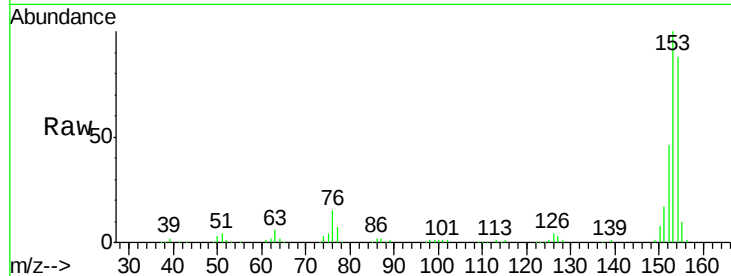




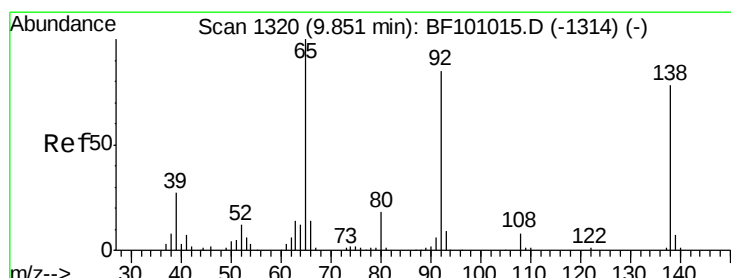
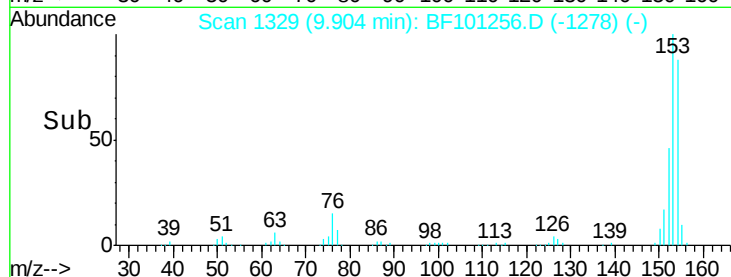
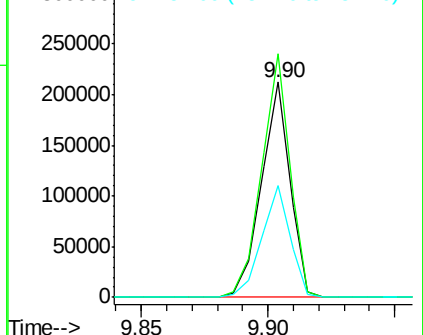
#51
Acenaphthene
Concen: 50.733 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Instrument :
BNA_F
ClientSampleId :
ENV-109-4(0-5)MS

Tot Ion:154 Resp: 168145
Ion Ratio Lower Upper
154 100
153 113.1 91.2 136.8
152 52.1 43.8 65.8

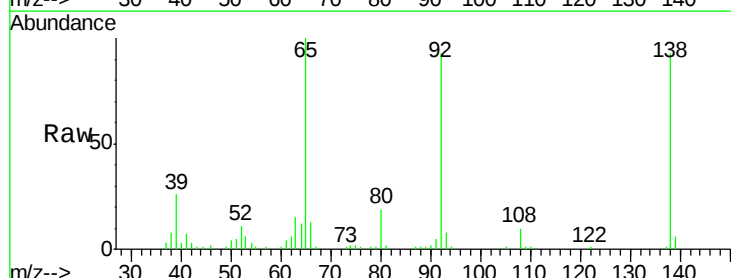


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

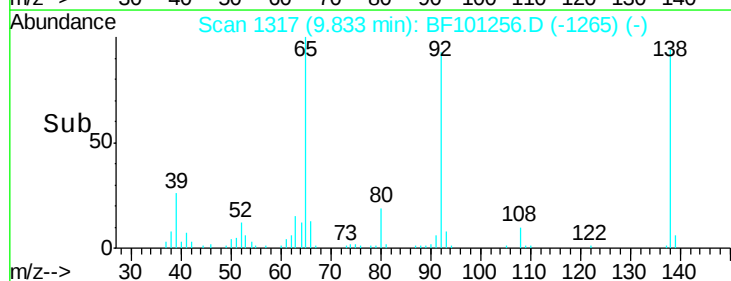
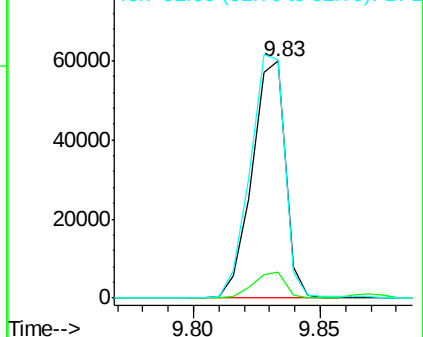


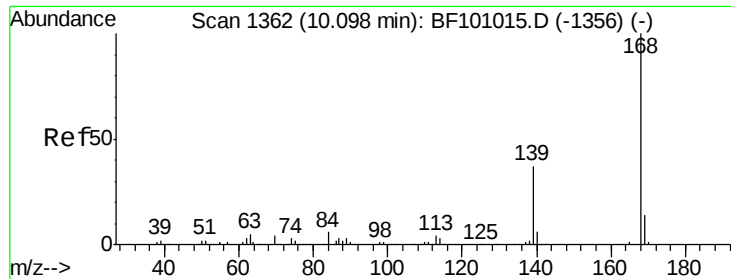
#52
3-Nitroaniline
Concen: 56.016 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Tgt Ion:138 Resp: 55388
Ion Ratio Lower Upper
138 100
108 10.9 9.4 14.0
92 100.6 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





#54

Dibenzenofuran

Concen: 50.975 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.00 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

Instrument :

BNA_F

ClientSampleId :

ENV-109-4(0-5)MS

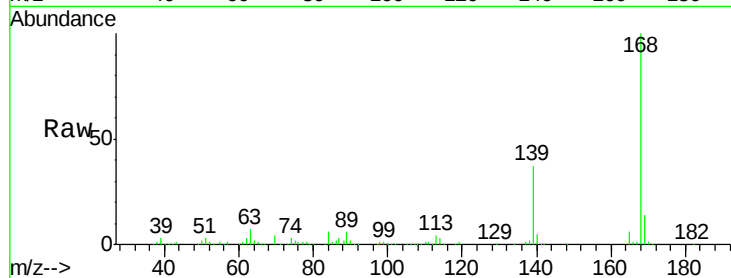
Tot Ion:168 Resp: 243468

Ion Ratio Lower Upper

168 100

139 37.4 30.1 45.1

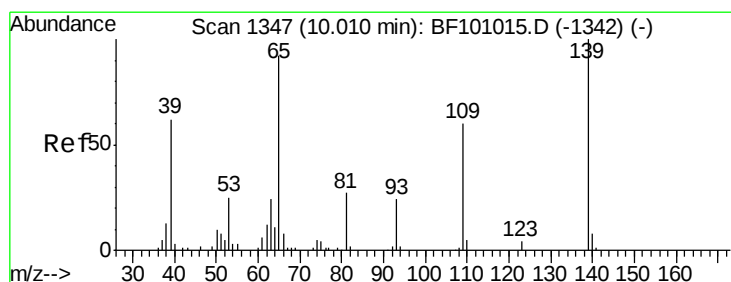
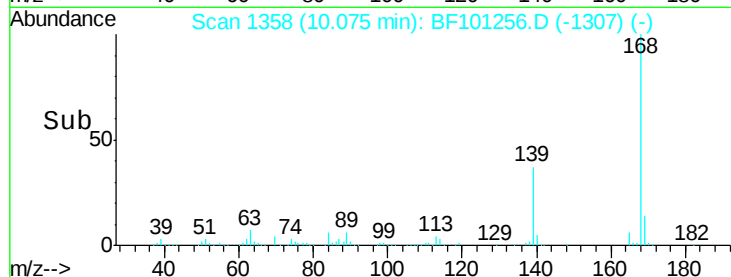
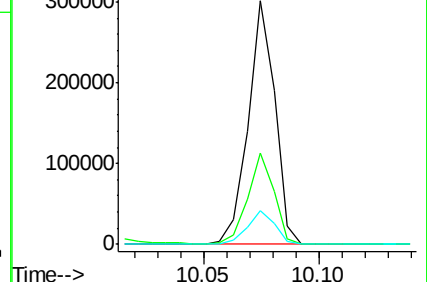
169 14.0 10.9 16.3



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: 79.136 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

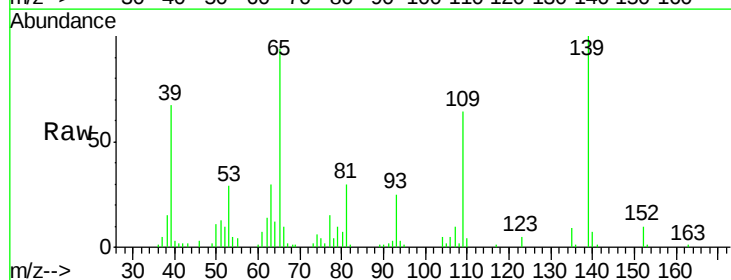
Tgt Ion:139 Resp: 52771

Ion Ratio Lower Upper

139 100

109 64.0 48.4 88.4

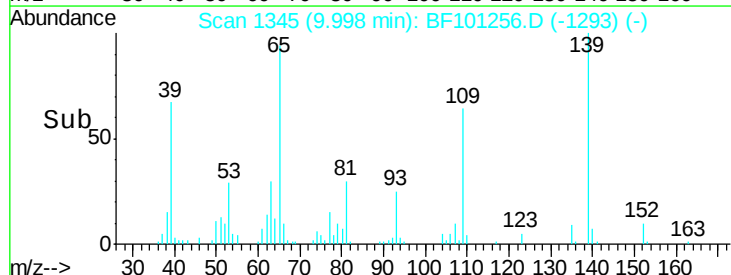
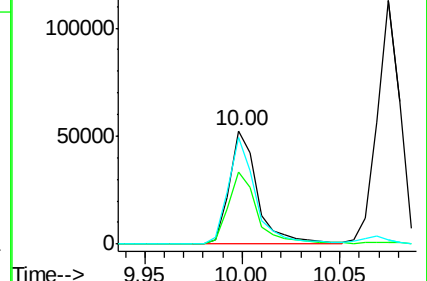
65 93.8 72.6 112.6

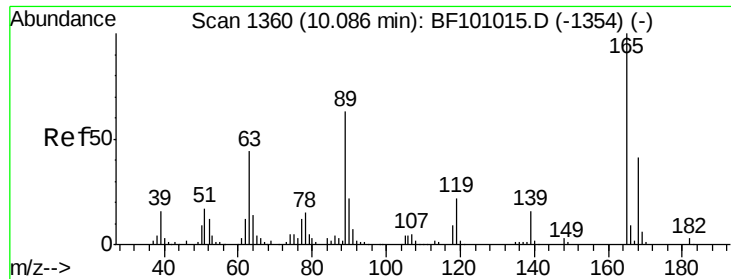


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

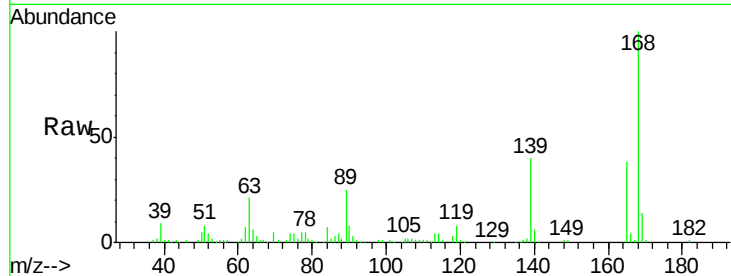




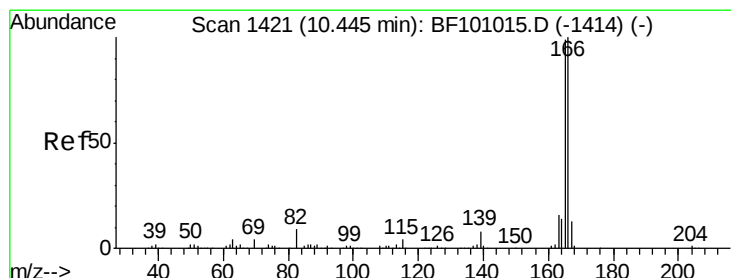
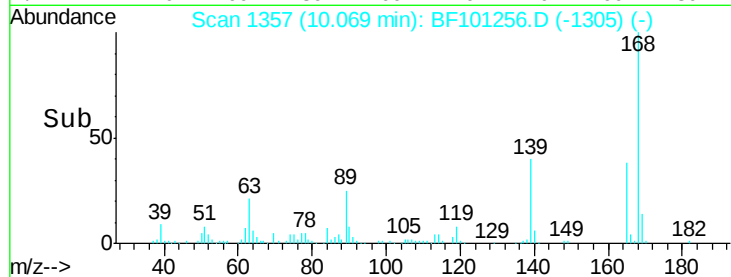
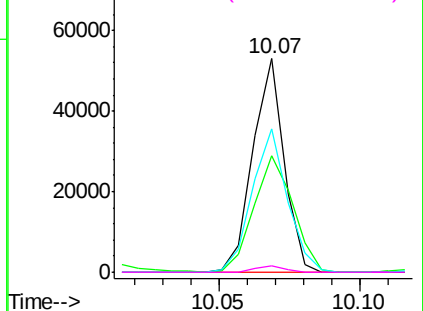
#56
2,4-Dinitrotoluene
Concen: 34.664 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Instrument :
BNA_F
ClientSampleId :
ENV-109-4(0-5)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.5	36.4	54.6
89	67.1	57.8	86.6
182	3.3	1.6	2.4

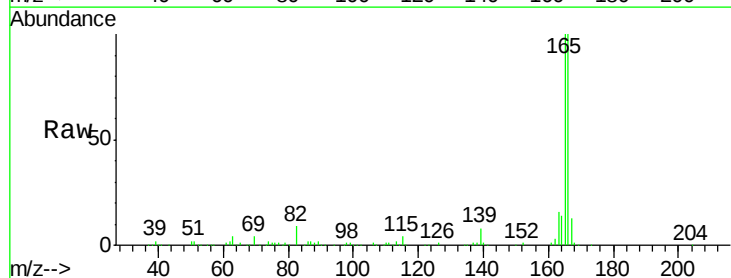


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

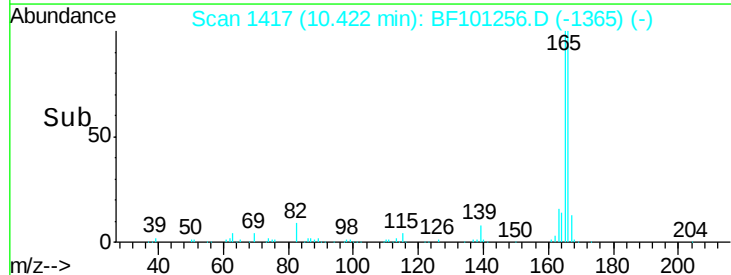
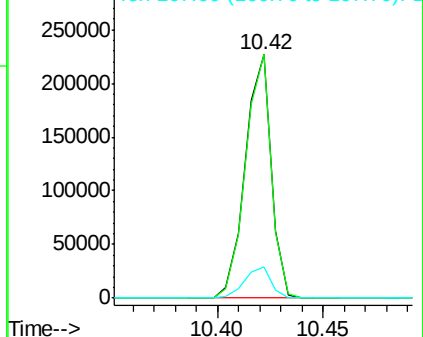


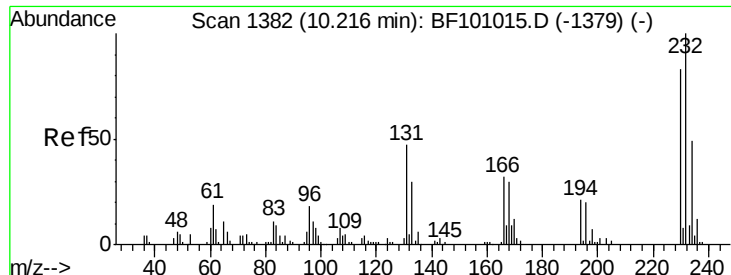
#57
Fluorene
Concen: 49.742 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.8	119.8
167	12.8	10.6	16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

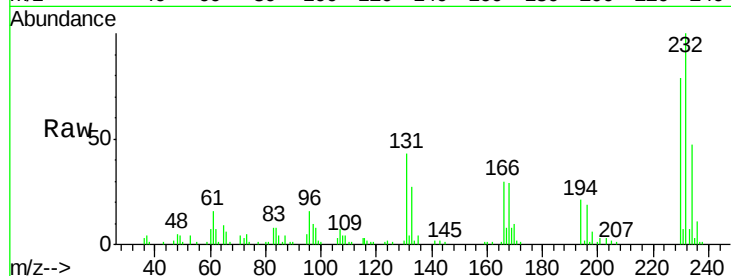




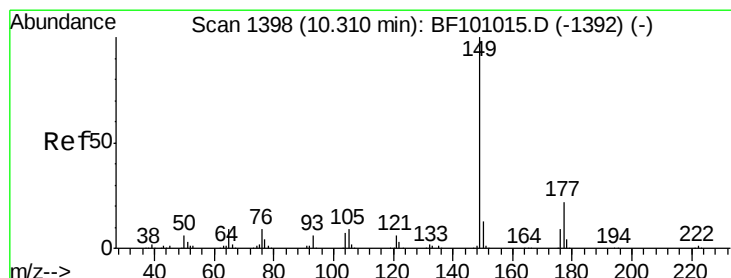
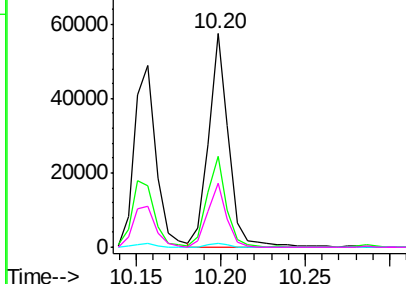
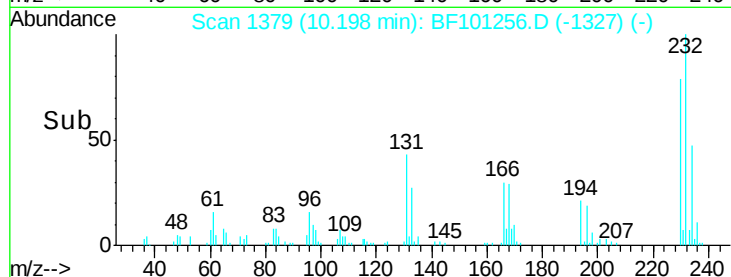
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.073 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. 0.01 min
 Lab File: BF101256.D
 Acq: 9 Dec 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-4(0-5)MS

Tot Ion:232 Resp: 48192
 Ion Ratio Lower Upper
 232 100
 131 40.7 43.8 65.8#
 130 1.6 2.1 3.1#
 166 27.6 27.8 41.6#

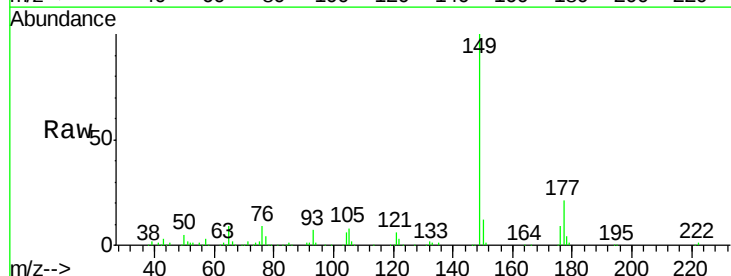


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

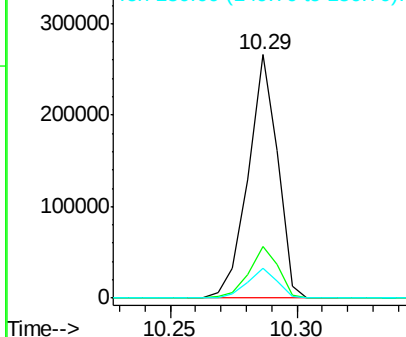
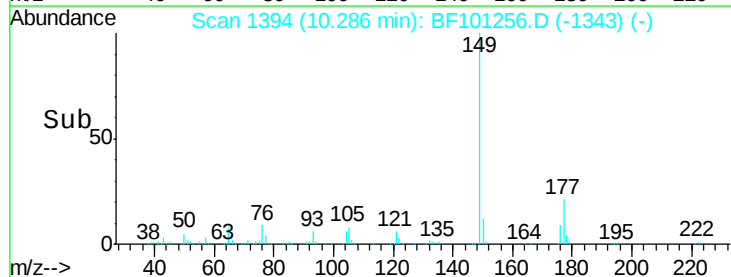


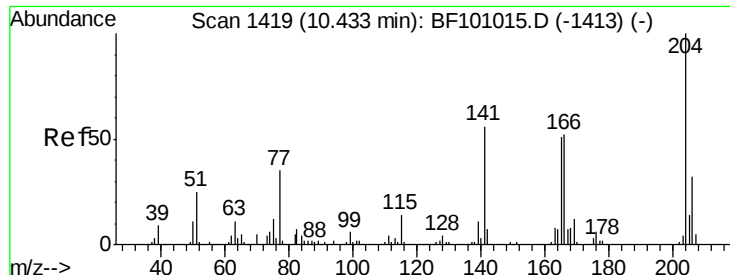
#59
 Diethylphthalate
 Concen: 52.325 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: BF101256.D
 Acq: 9 Dec 2017 00:28

Tgt Ion:149 Resp: 215452
 Ion Ratio Lower Upper
 149 100
 177 21.3 16.1 24.1
 150 12.2 10.1 15.1



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

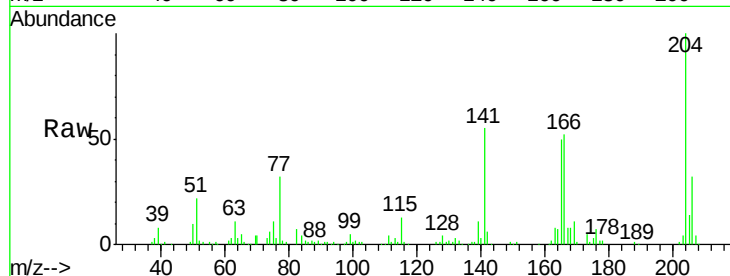




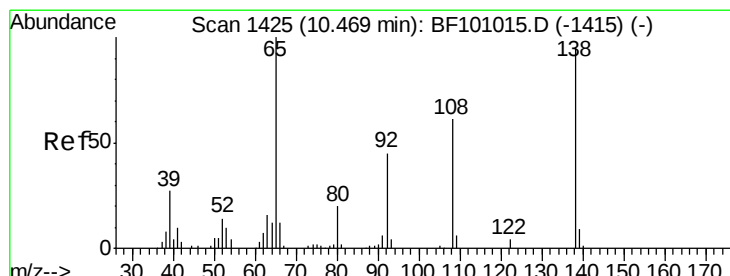
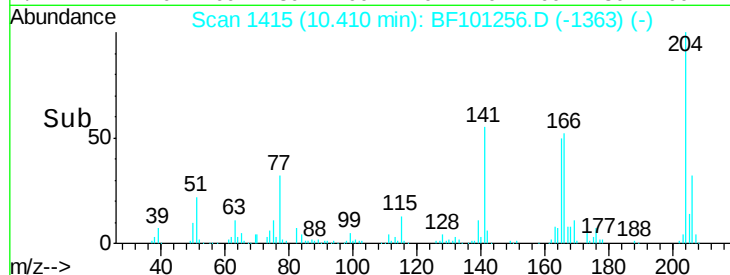
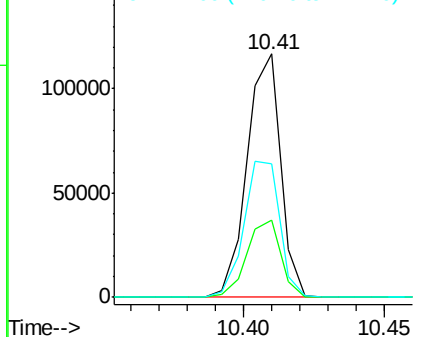
#60
4-Chlorophenyl-phenylether
Concen: 50.284 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Instrument :
BNA_F
ClientSampleId :
ENV-109-4(0-5)MS

Tot Ion:204 Resp: 96397
Ion Ratio Lower Upper
204 100
206 31.7 26.5 39.7
141 54.7 54.6 81.8

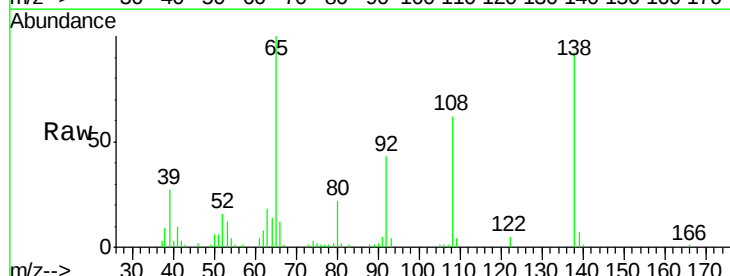


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

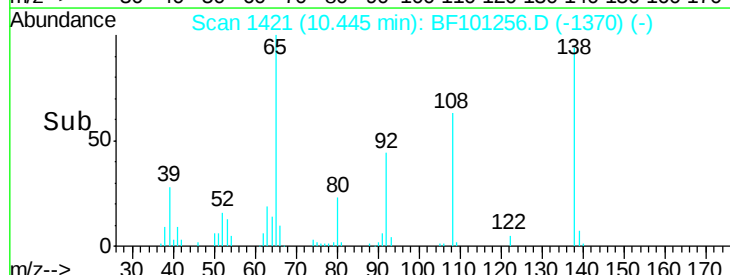
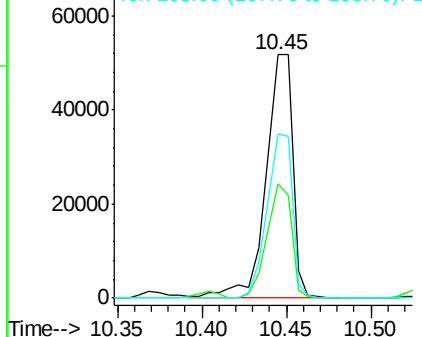


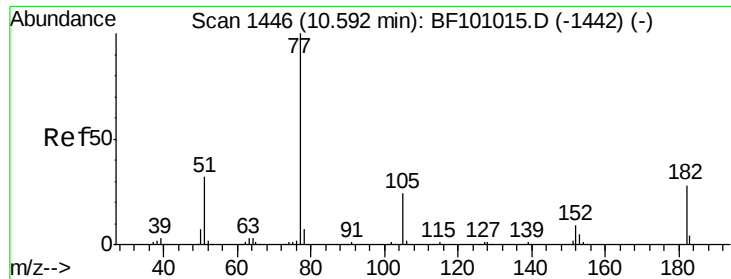
#61
4-Nitroaniline
Concen: 55.139 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Tgt Ion:138 Resp: 56595
Ion Ratio Lower Upper
138 100
92 46.8 30.2 70.2
108 67.7 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 46.869 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

Instrument :

BNA_F

ClientSampleId :

ENV-109-4(0-5)MS

Tot Ion: 77 Resp: 163777

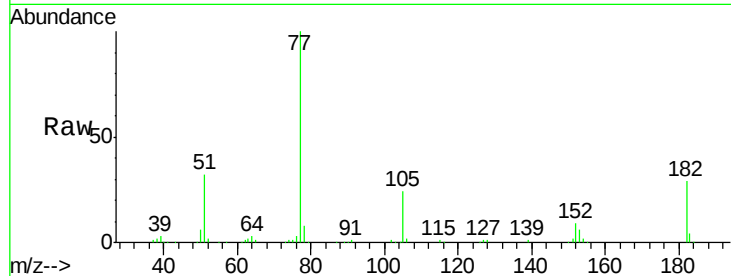
Ion Ratio Lower Upper

77 100

182 29.1 1.7 41.7

105 24.0 3.0 43.0

51 31.9 9.9 49.9

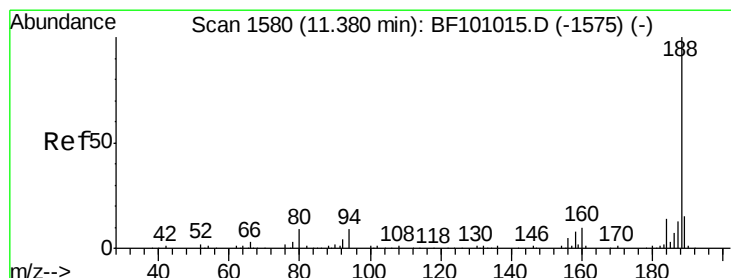
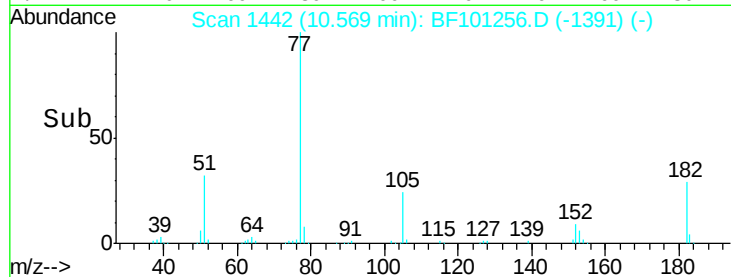
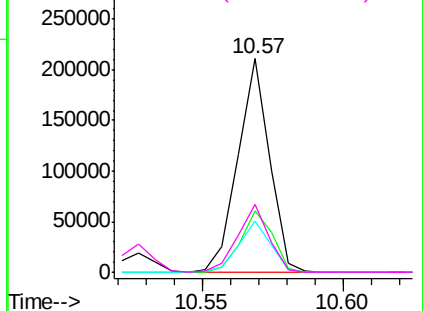


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

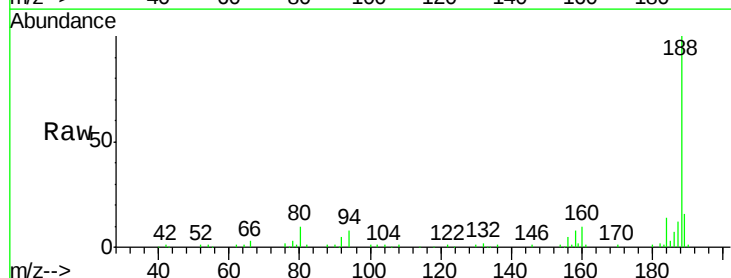
Tgt Ion: 188 Resp: 89918

Ion Ratio Lower Upper

188 100

94 8.1 8.5 12.7#

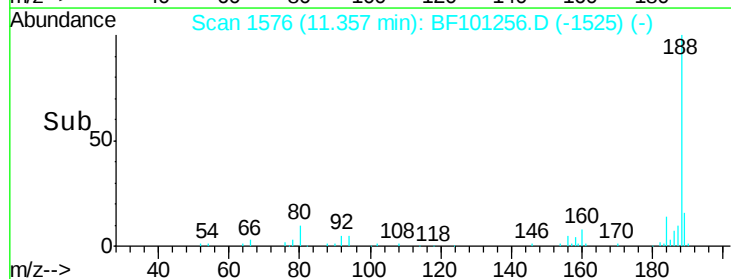
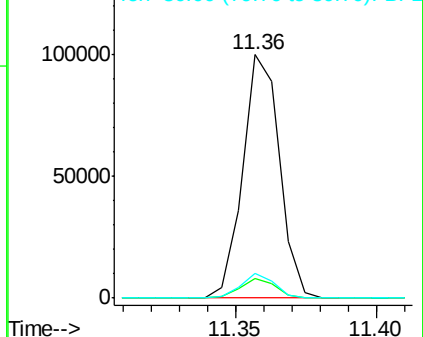
80 10.0 9.2 13.8

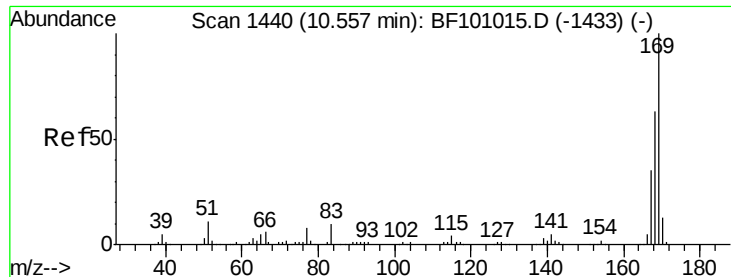


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

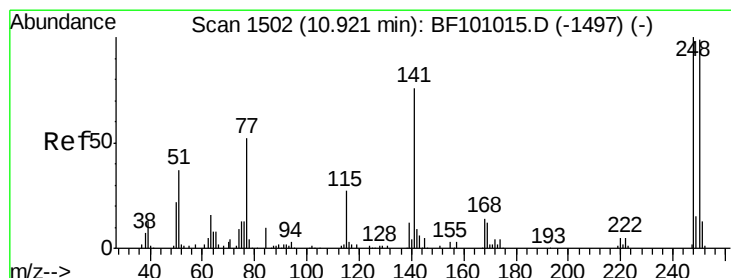
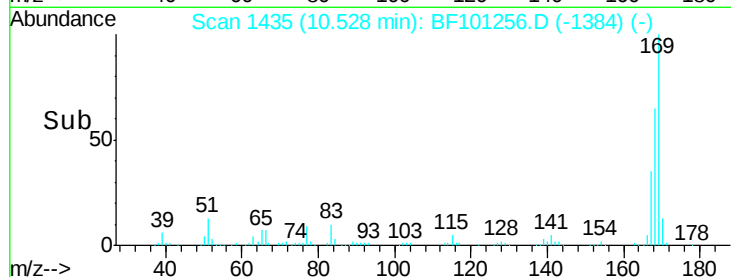
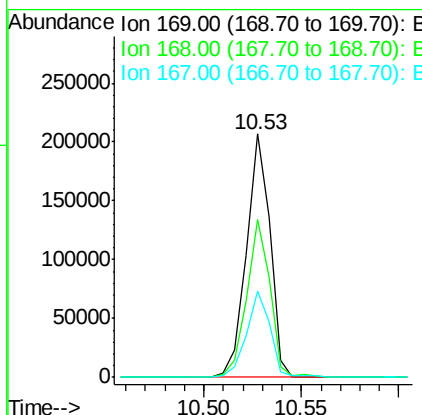
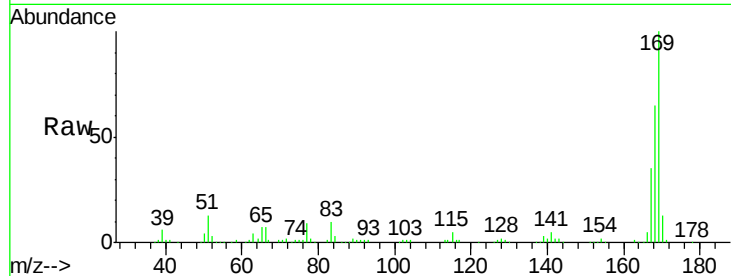




#65
n-Nitrosodiphenylamine
Concen: 54.517 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

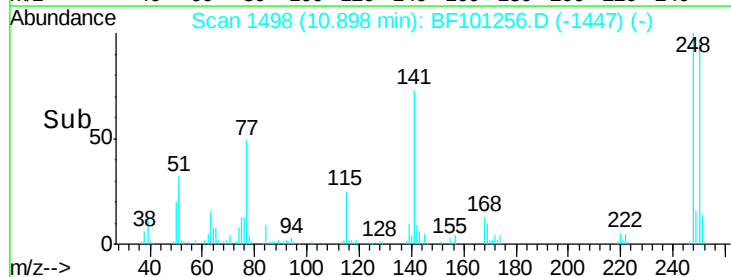
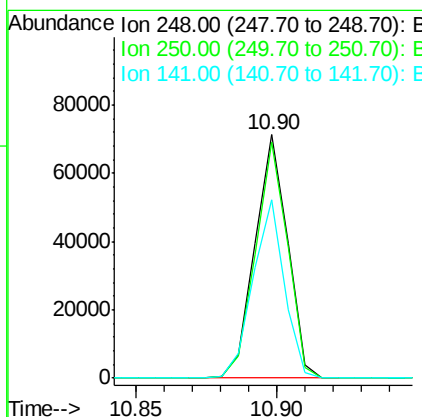
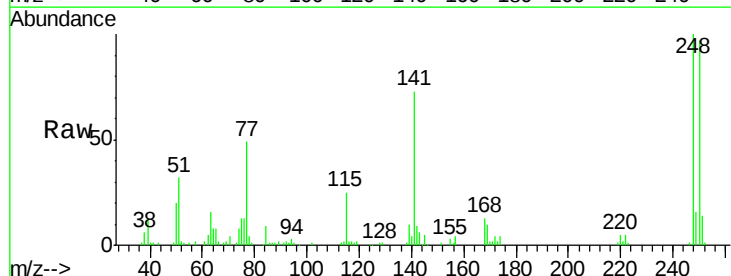
Instrument :
BNA_F
ClientSampleId :
ENV-109-4(0-5)MS

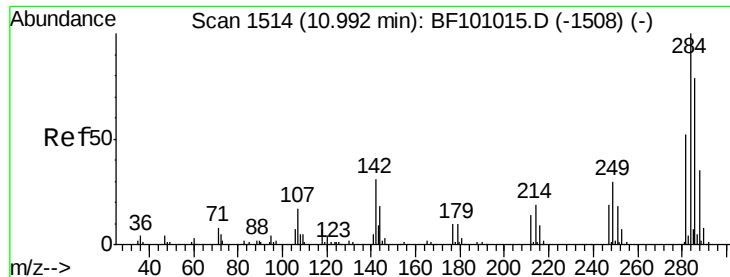
Tot Ion:169 Resp: 172940
Ion Ratio Lower Upper
169 100
168 64.8 54.4 81.6
167 35.2 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 56.752 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Tgt Ion:248 Resp: 57120
Ion Ratio Lower Upper
248 100
250 97.1 76.9 115.3
141 73.3 74.4 111.6#

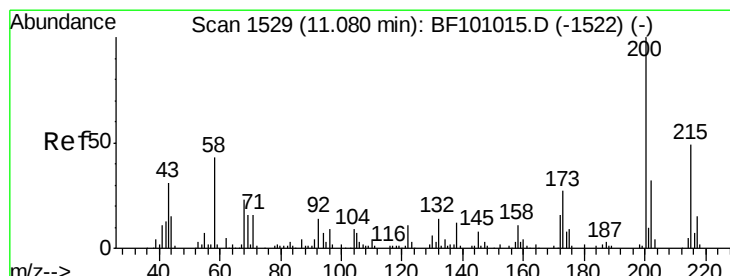
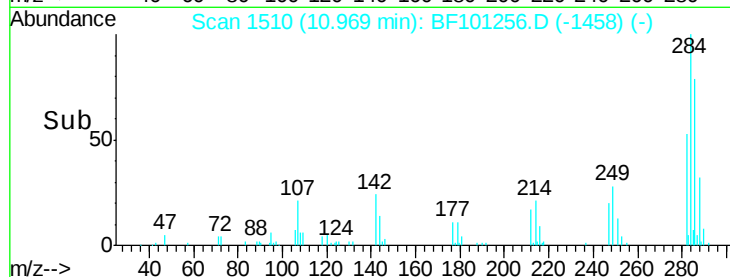
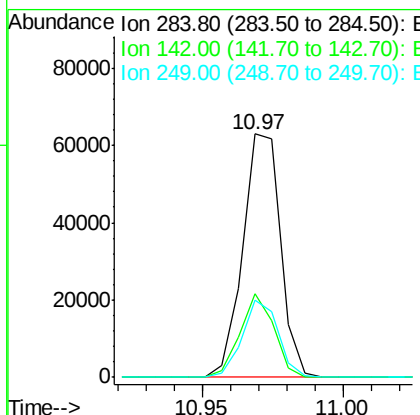
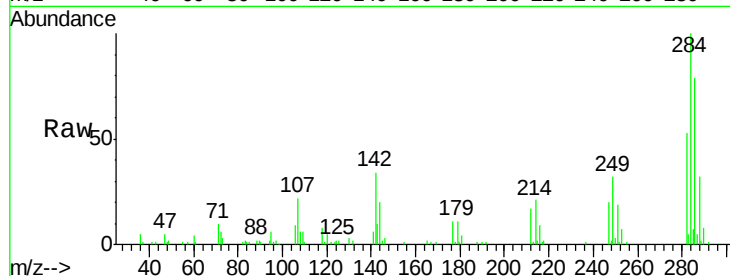




#67
Hexachlorobenzene
Concen: 54.016 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

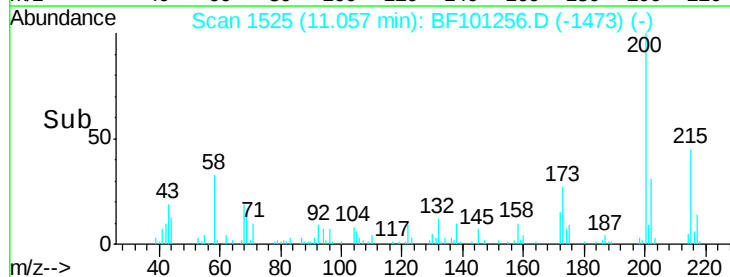
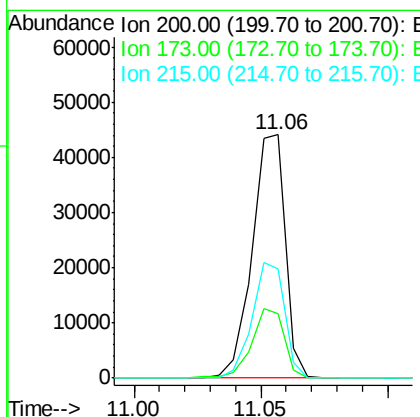
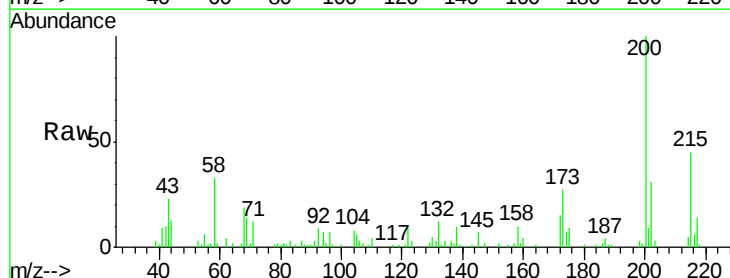
Instrument :
BNA_F
ClientSampleId :
ENV-109-4(0-5)MS

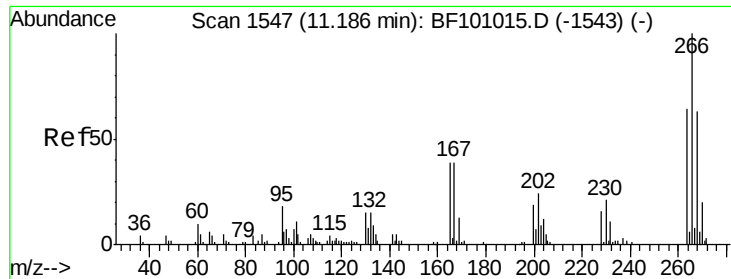
Tot Ion:284 Resp: 58267
Ion Ratio Lower Upper
284 100
142 34.3 34.6 52.0#
249 31.6 24.8 37.2



#68
Atrazine
Concen: 41.499 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Tgt Ion:200 Resp: 40381
Ion Ratio Lower Upper
200 100
173 26.6 8.6 48.6
215 45.0 25.1 65.1

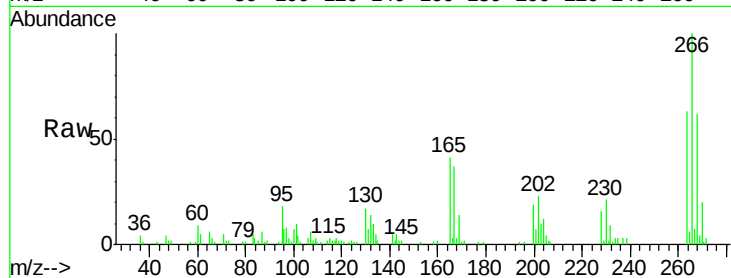




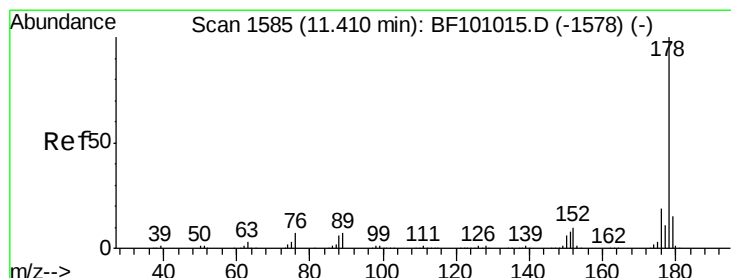
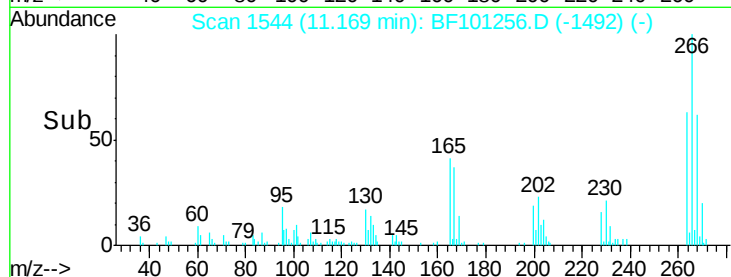
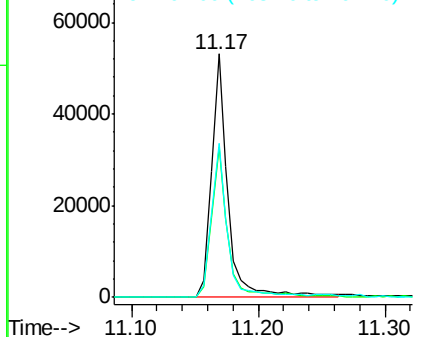
#69
 Pentachlorophenol
 Concen: 82.222 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. 0.01 min
 Lab File: BF101256.D
 Acq: 9 Dec 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-4(0-5)MS

Tot Ion:266 Resp: 48767
 Ion Ratio Lower Upper
 266 100
 268 61.7 51.1 76.7
 264 63.3 49.5 74.3

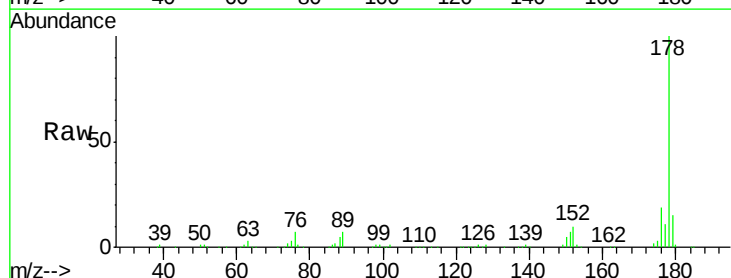


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

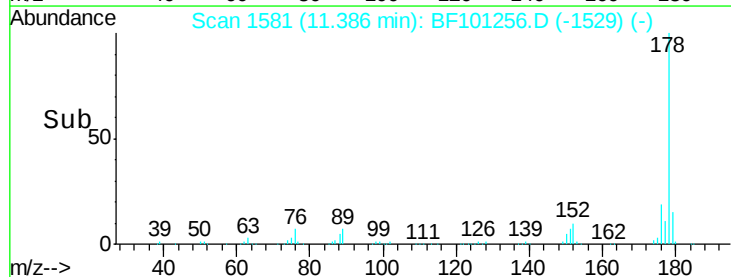
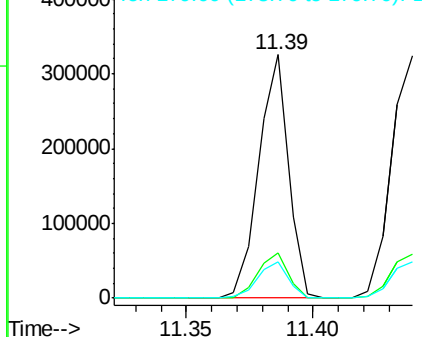


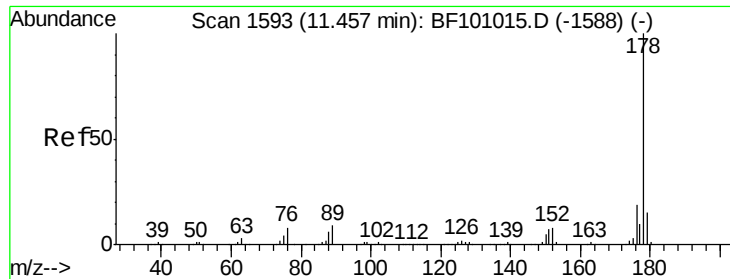
#70
 Phenanthrene
 Concen: 54.134 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. 0.01 min
 Lab File: BF101256.D
 Acq: 9 Dec 2017 00:28

Tgt Ion:178 Resp: 268058
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.0 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

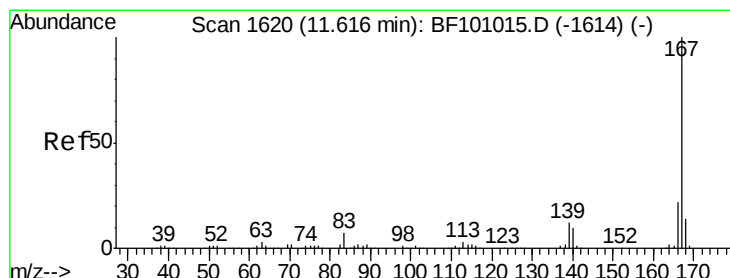
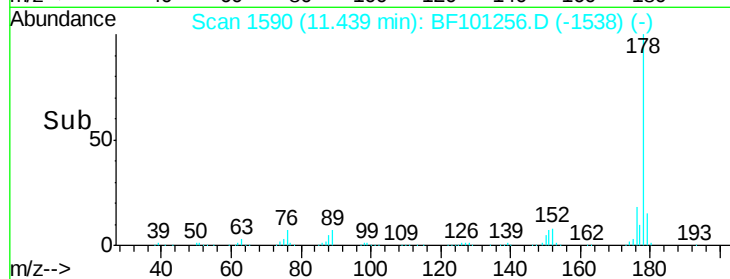
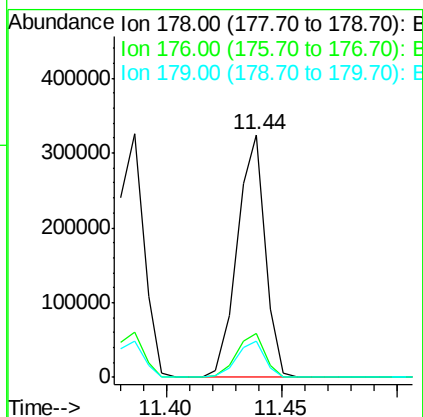
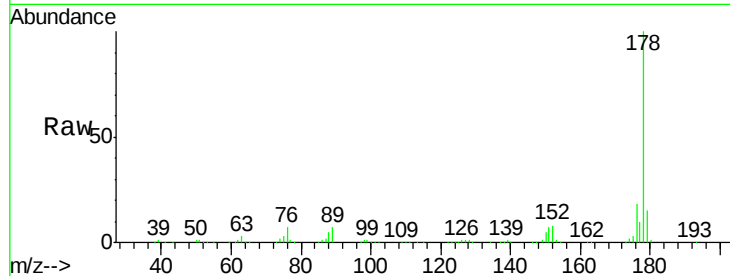




#71
 Anthracene
 Concen: 54.578 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF101256.D
 Acq: 9 Dec 2017 00:28

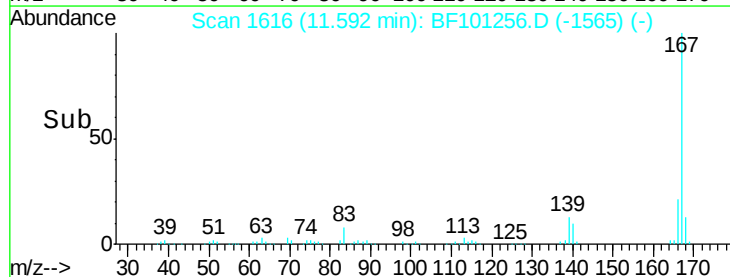
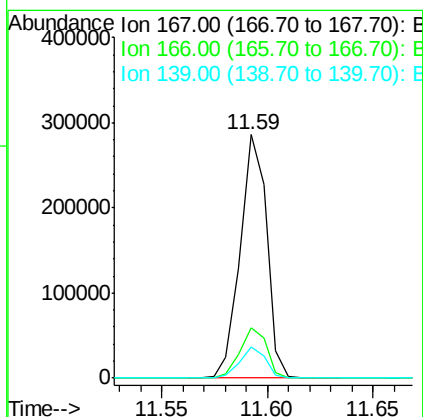
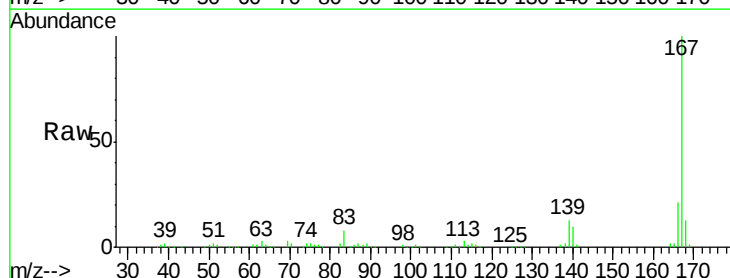
Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-4(0-5)MS

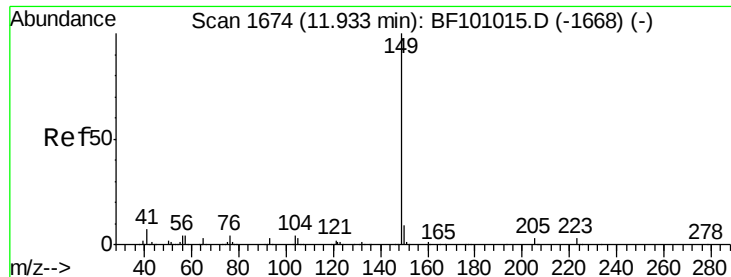
Tot Ion:178 Resp: 273521
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 54.157 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF101256.D
 Acq: 9 Dec 2017 00:28

Tgt Ion:167 Resp: 247984
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.6 26.4
 139 12.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 52.972 ng

RT: 11.91 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

Instrument :

BNA_F

ClientSampleId :

ENV-109-4(0-5)MS

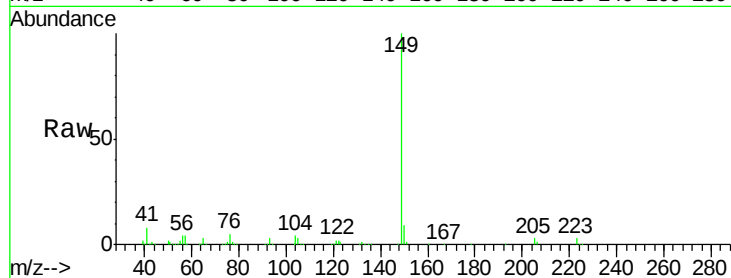
Tot Ion:149 Resp: 304021

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

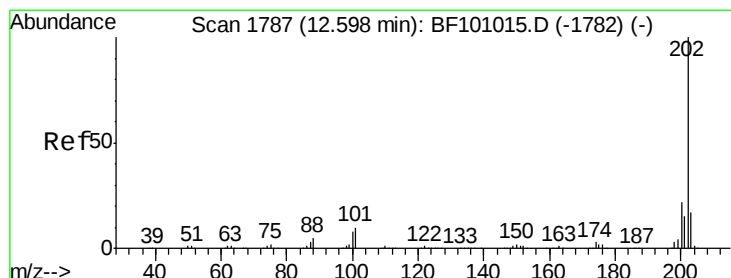
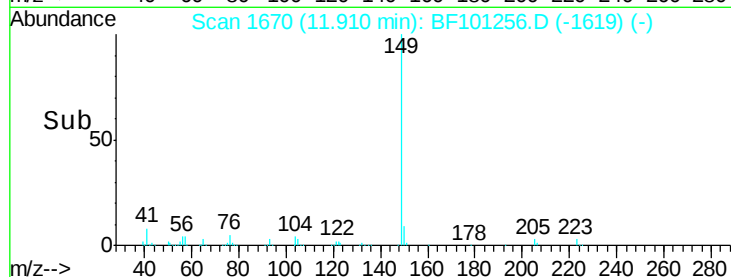
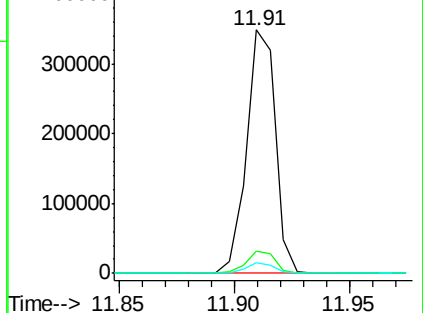
104 4.5 3.8 5.8



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: 54.574 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.01 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

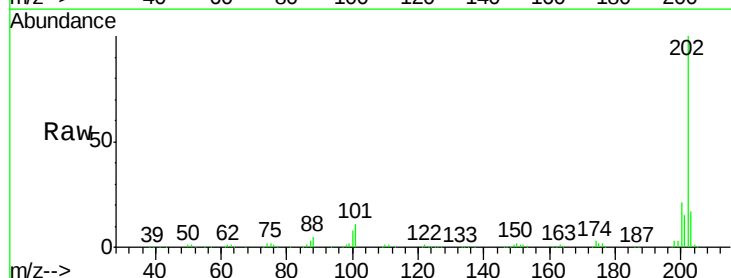
Tgt Ion:202 Resp: 299555

Ion Ratio Lower Upper

202 100

101 10.6 0.0 34.1

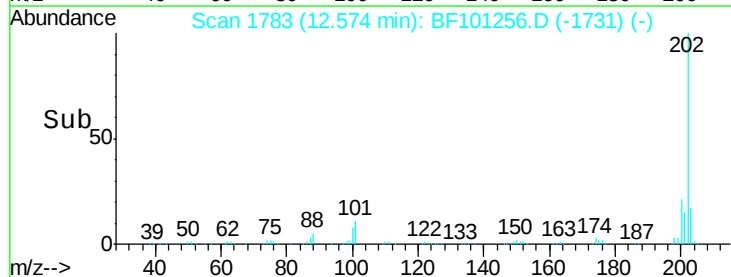
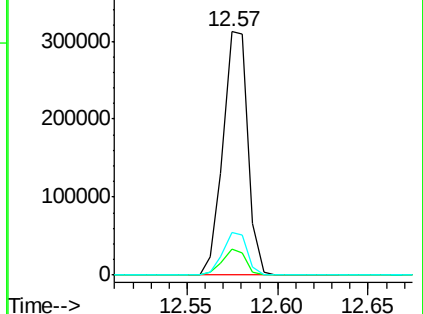
203 17.5 0.0 38.1

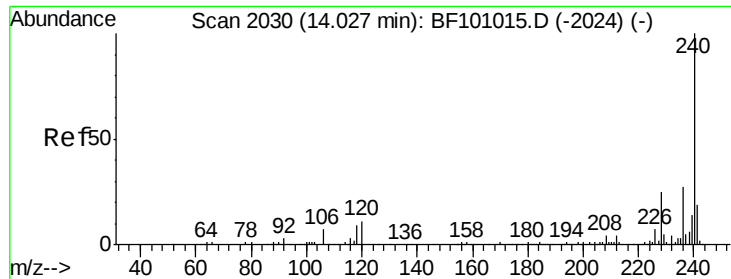


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

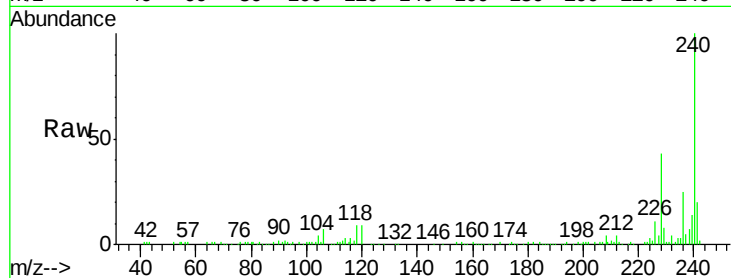




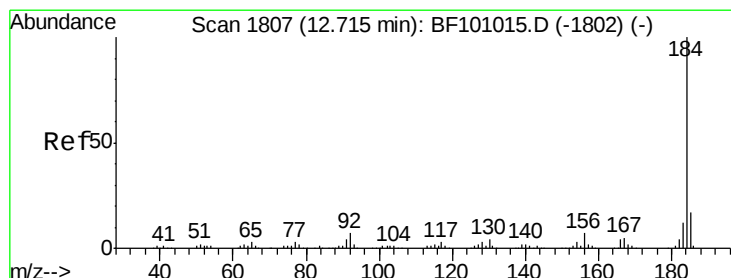
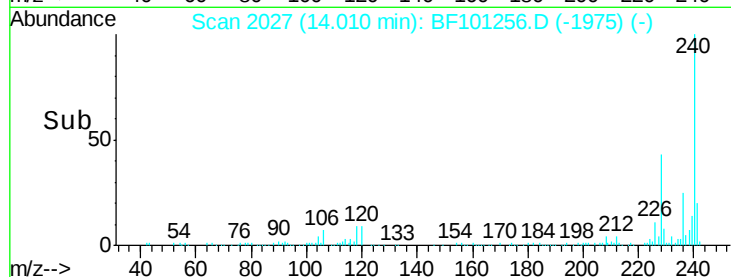
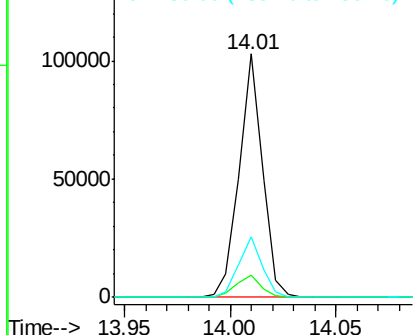
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Instrument :
BNA_F
ClientSampleId :
ENV-109-4(0-5)MS

Tot Ion:240 Resp: 78384
Ion Ratio Lower Upper
240 100
120 9.0 9.5 14.3#
236 24.8 20.7 31.1

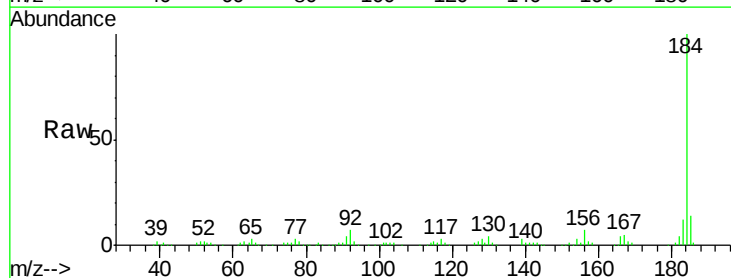


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

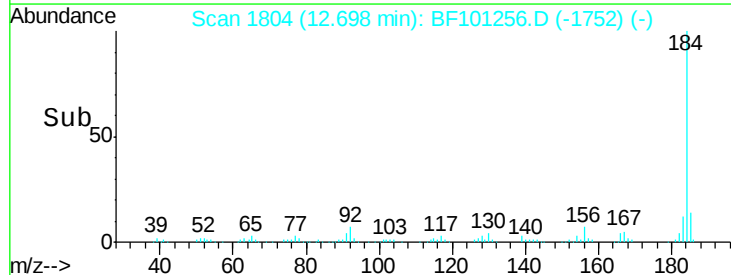
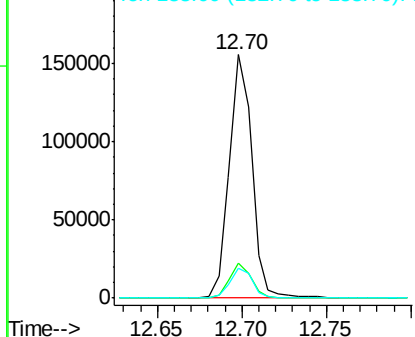


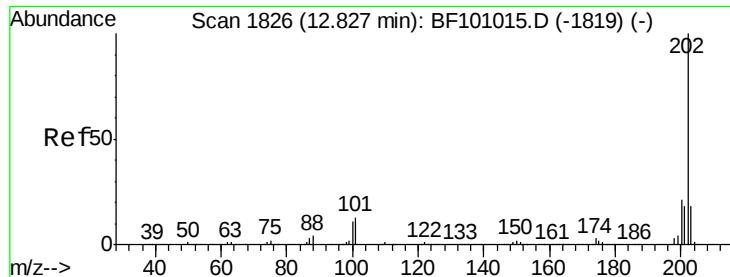
#76
Benzidine
Concen: 56.848 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Tgt Ion:184 Resp: 144900
Ion Ratio Lower Upper
184 100
185 14.3 12.6 18.8
183 12.5 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

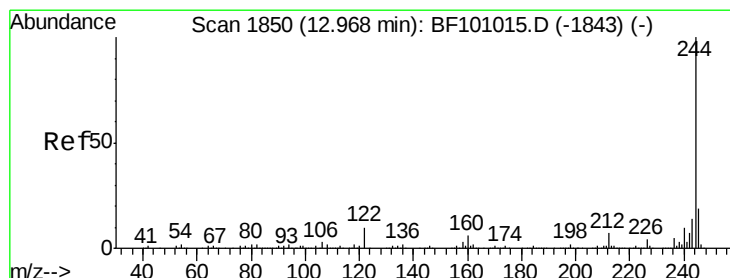
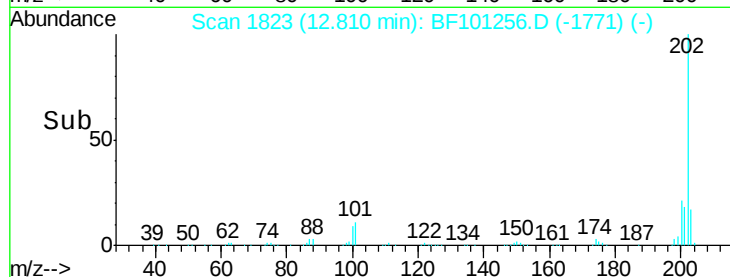
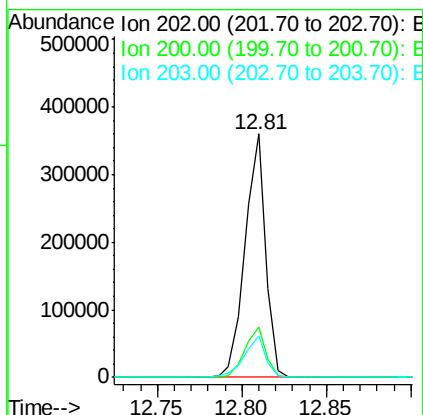
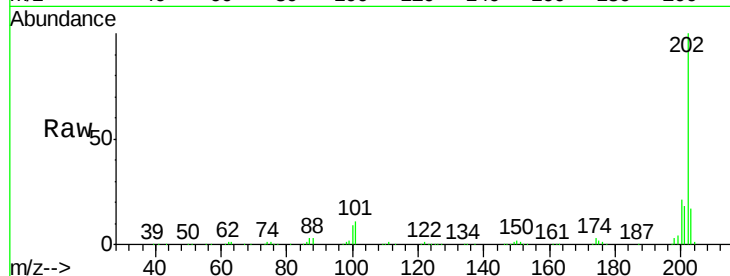




#77
Pvrene
Concen: 56.733 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

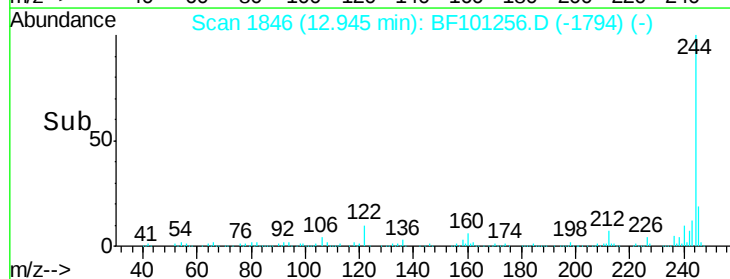
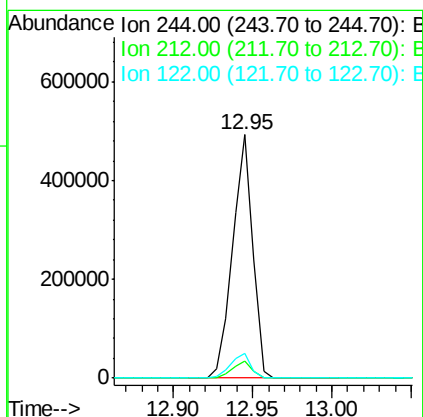
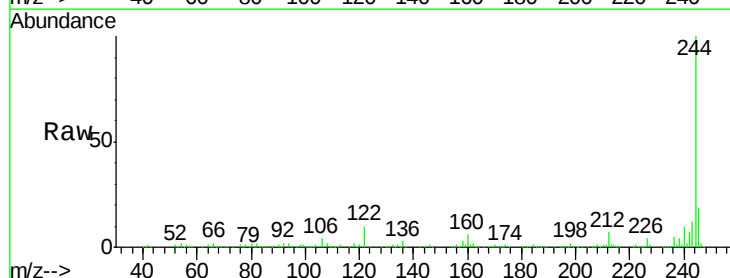
Instrument :
BNA_F
ClientSampleId :
ENV-109-4(0-5)MS

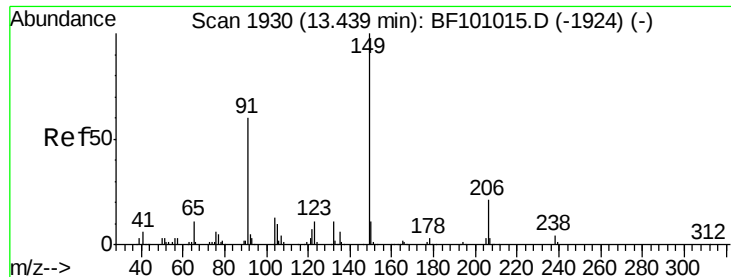
Tot Ion:202 Resp: 306854
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.2
203 16.9 14.3 21.5



#78
Terphenyl-d14
Concen: 120.573 ng
RT: 12.95 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Tgt Ion:244 Resp: 432091
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 10.4 11.0 16.4#

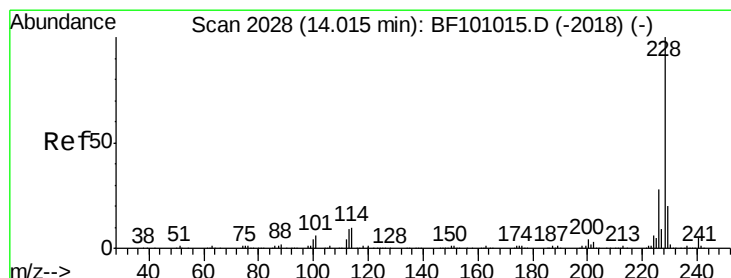
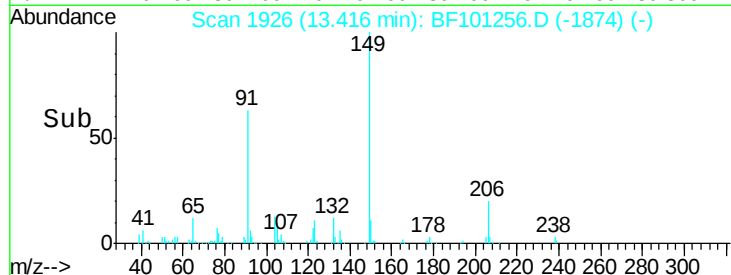
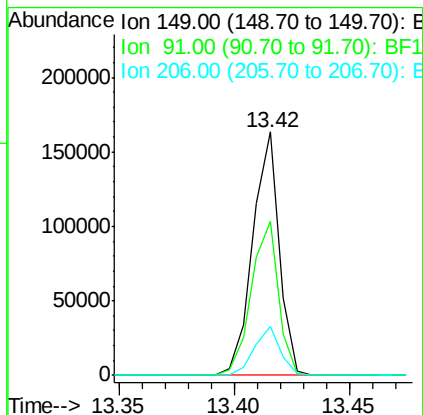
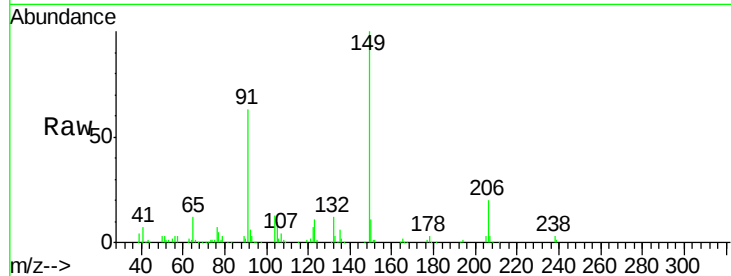




#79
Butylbenzylphthalate
Concen: 55.142 ng
RT: 13.42 min Scan# 1926
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

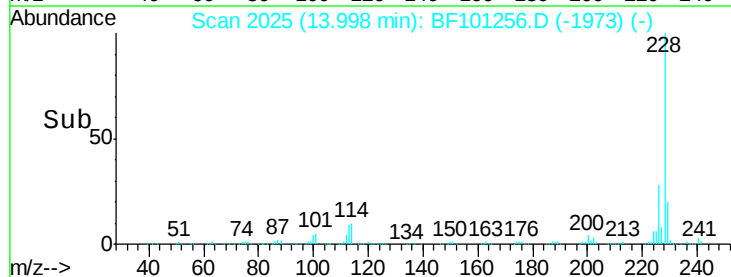
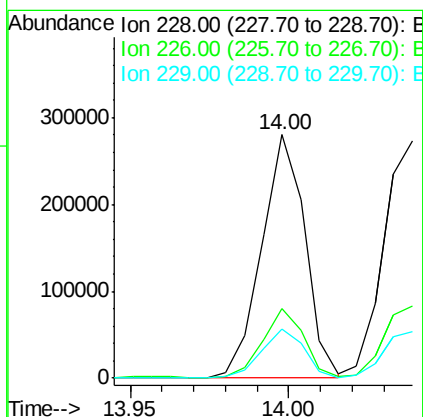
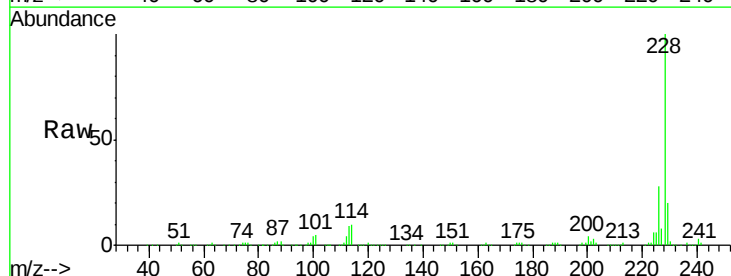
Instrument :
BNA_F
ClientSampleId :
ENV-109-4(0-5)MS

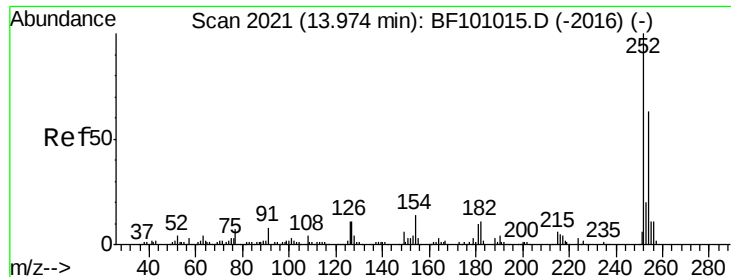
Tot Ion:149 Resp: 131494
Ion Ratio Lower Upper
149 100
91 63.4 56.8 85.2
206 20.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 53.766 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Tgt Ion:228 Resp: 266090
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 19.9 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 57.013 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

Instrument :

BNA_F

ClientSampleId :

ENV-109-4(0-5)MS

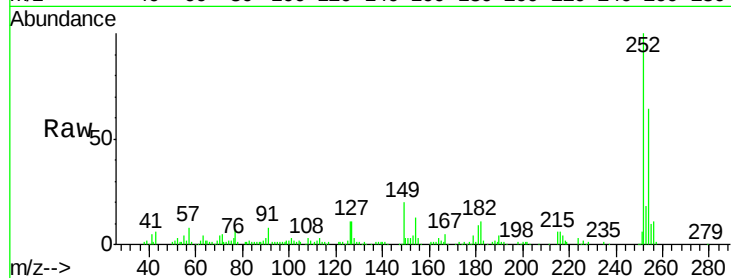
Tot Ion:252 Resp: 97718

Ion Ratio Lower Upper

252 100

254 63.9 50.4 75.6

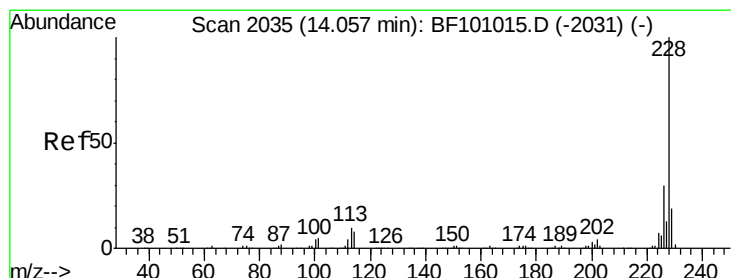
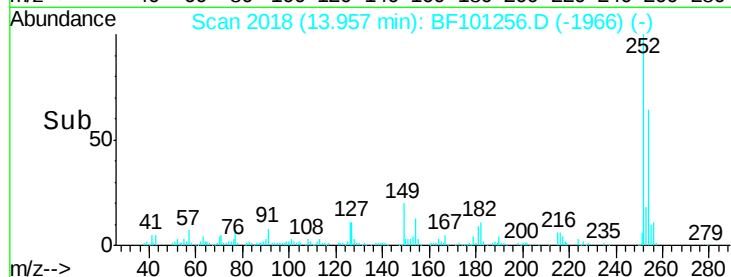
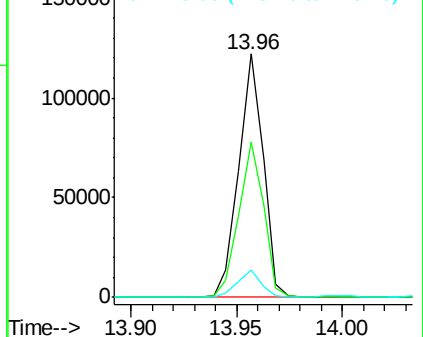
126 11.3 11.3 16.9



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: 53.607 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

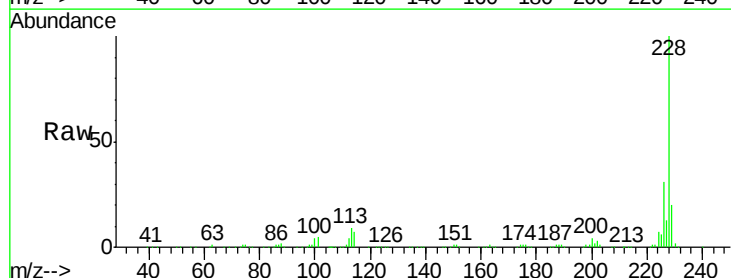
Tgt Ion:228 Resp: 246391

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

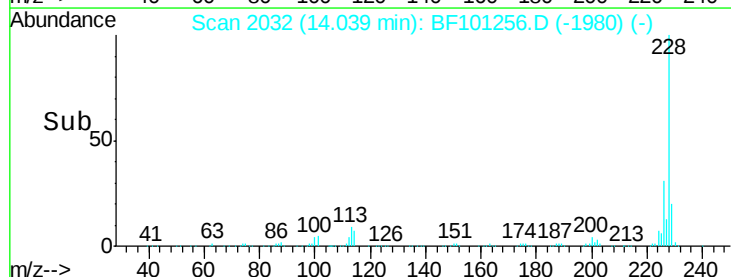
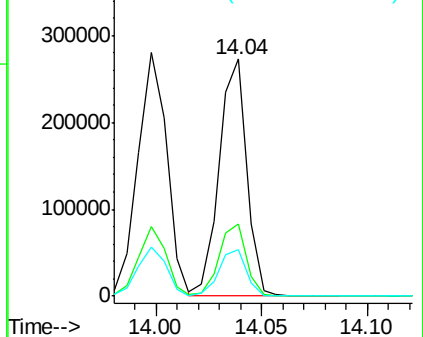
229 19.7 16.2 24.4

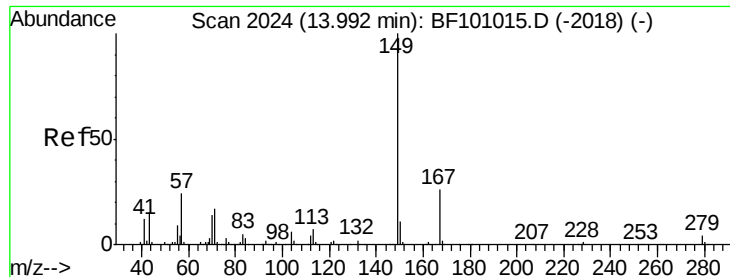


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

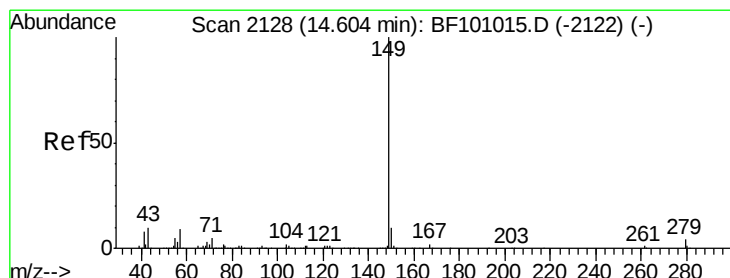
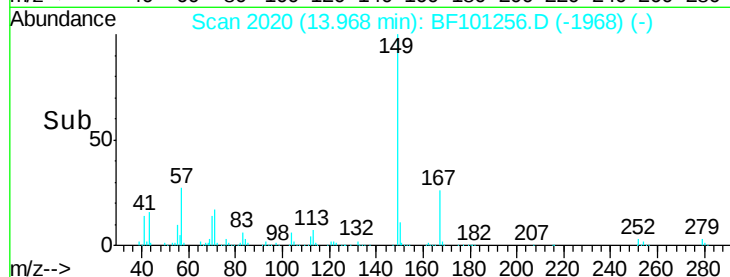
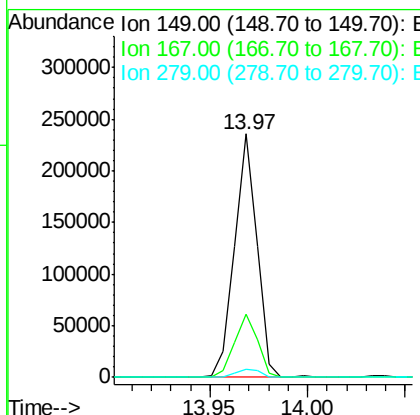
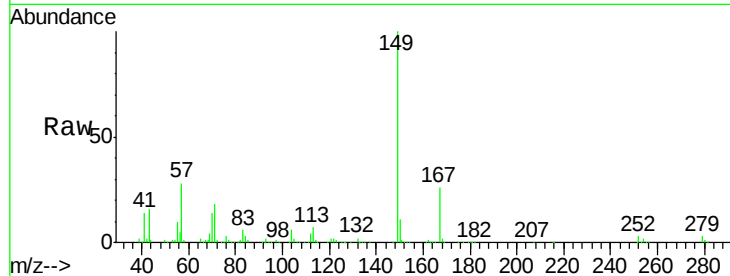




#83
Bis(2-ethylhexyl)phthalate
Concen: 55.429 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

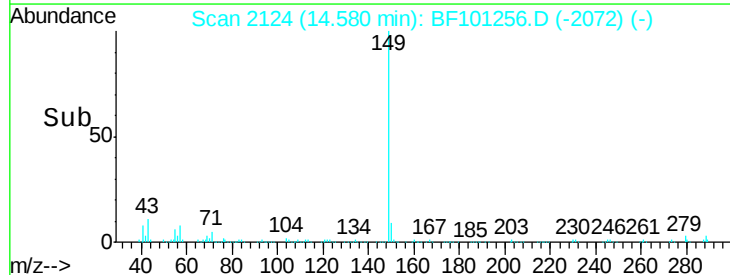
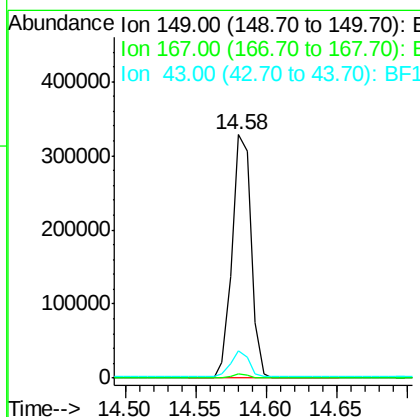
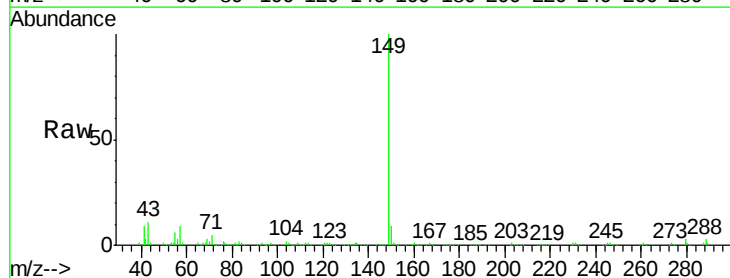
Instrument :
BNA_F
ClientSampleId :
ENV-109-4(0-5)MS

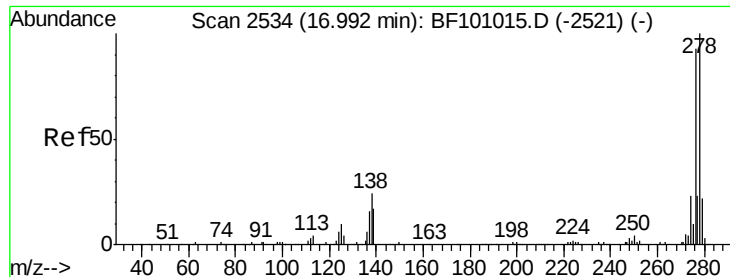
Tot Ion:149 Resp: 188466
Ion Ratio Lower Upper
149 100
167 26.0 21.3 31.9
279 3.5 3.0 4.4



#84
Di-n-octyl phthalate
Concen: 54.904 ng
RT: 14.58 min Scan# 2124
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Tgt Ion:149 Resp: 310828
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.2 8.4 12.6

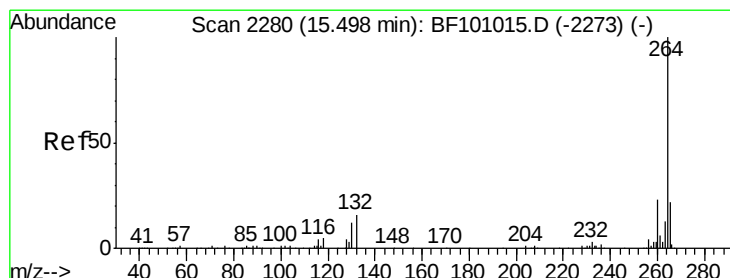
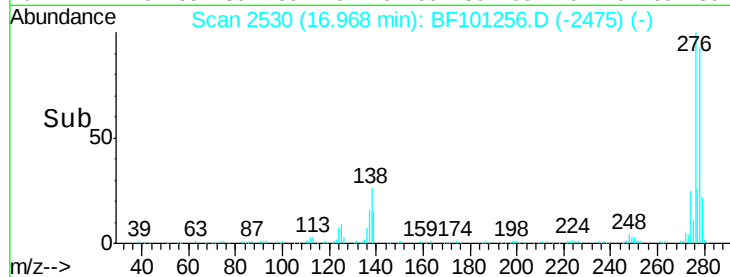
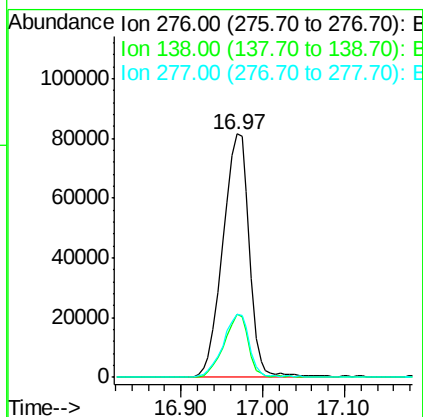
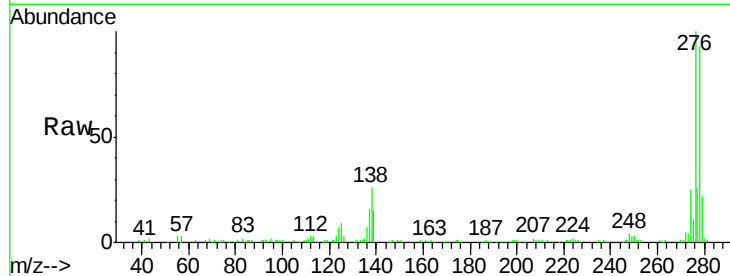




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.077 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. 0.02 min
 Lab File: BF101256.D
 Acq: 9 Dec 2017 00:28

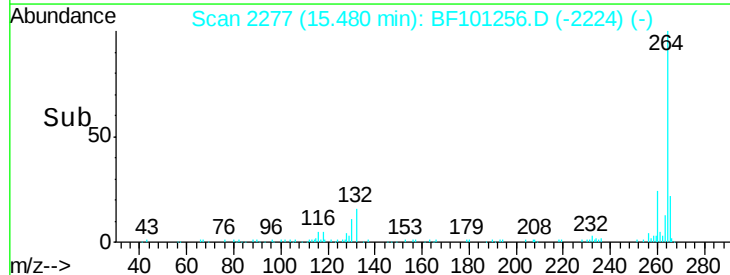
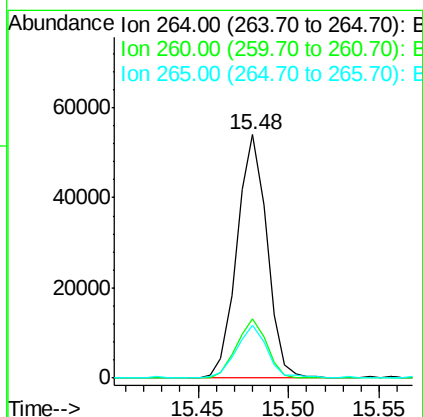
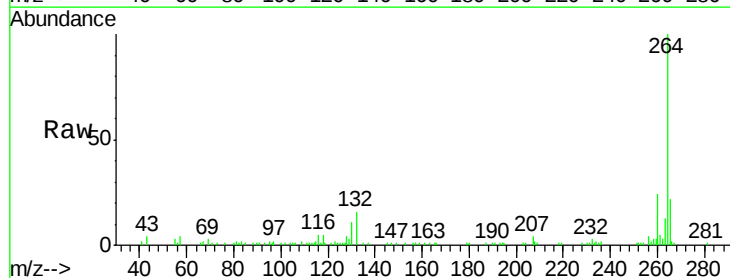
Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-4(0-5)MS

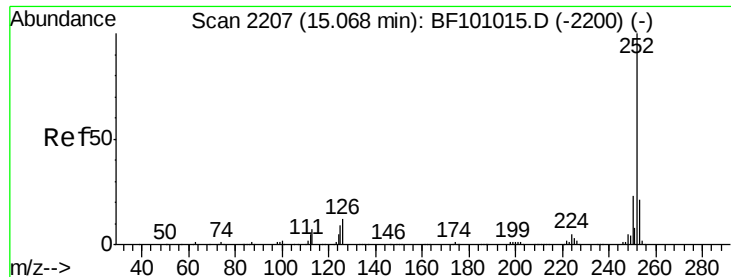
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.7	25.0	37.6#
277	25.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.01 min
 Lab File: BF101256.D
 Acq: 9 Dec 2017 00:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	17.5	26.3

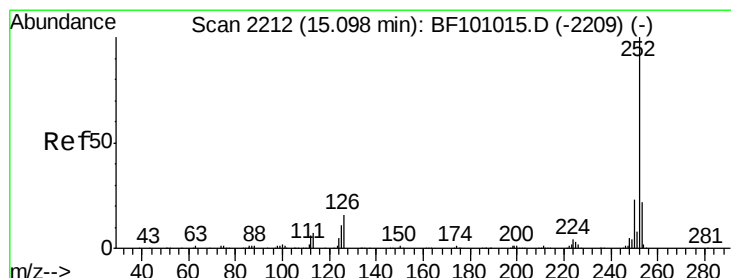
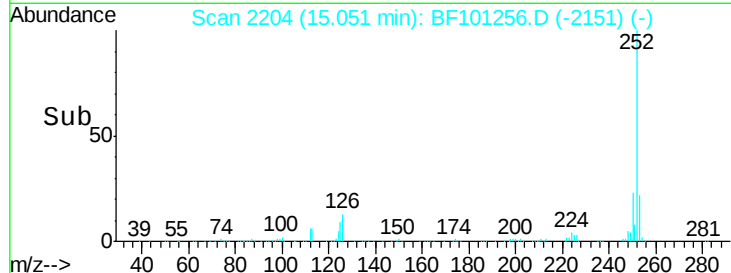
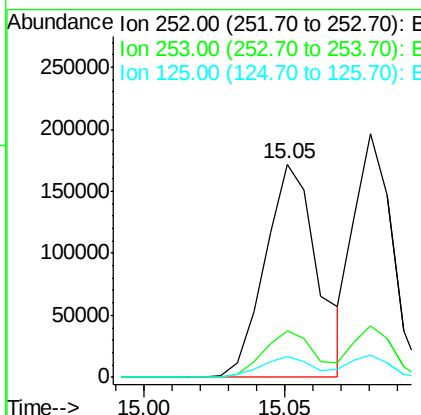
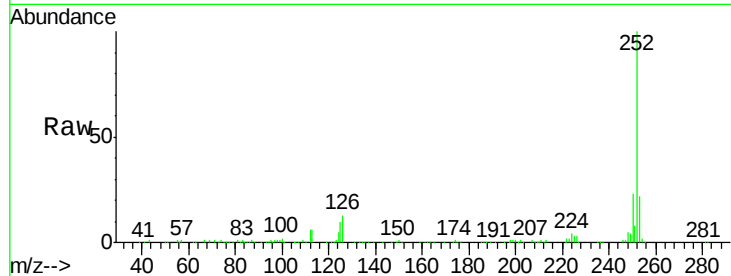




#87
Benzo(b)fluoranthene
Concen: 59.413 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

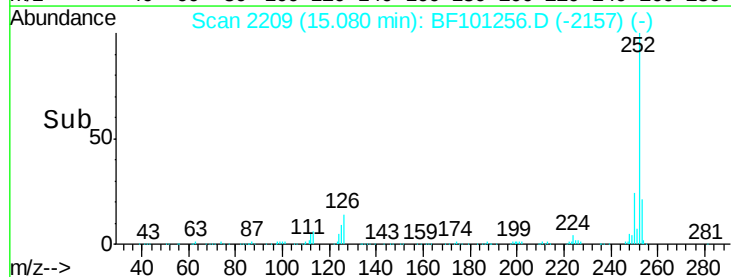
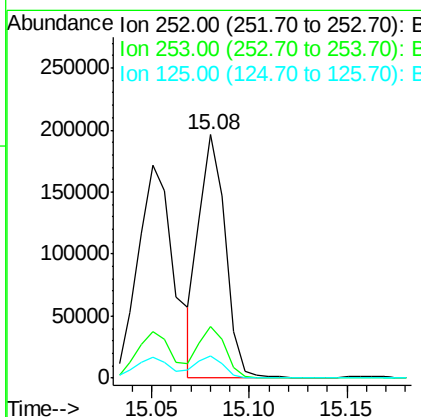
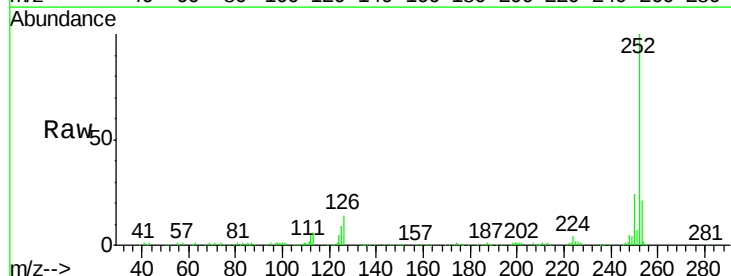
Instrument :
BNA_F
ClientSampleId :
ENV-109-4(0-5)MS

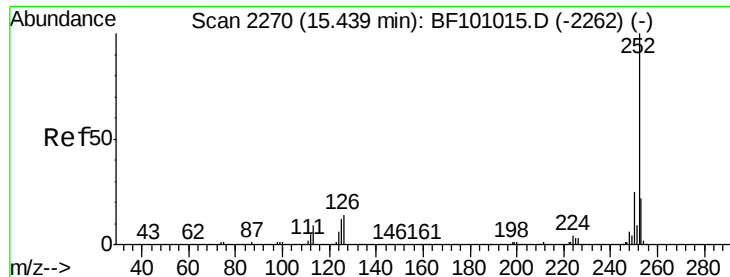
Tot Ion:252 Resp: 221379
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 9.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 49.805 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BF101256.D
Acq: 9 Dec 2017 00:28

Tgt Ion:252 Resp: 182837
Ion Ratio Lower Upper
252 100
253 21.0 17.9 26.9
125 9.3 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 55.166 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.01 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

Instrument :

BNA_F

ClientSampleId :

ENV-109-4(0-5)MS

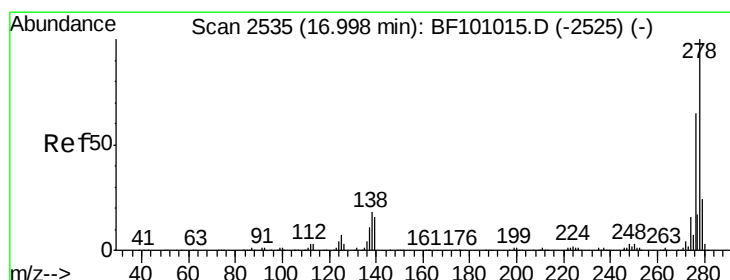
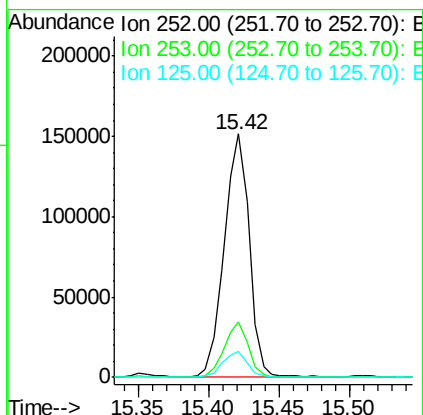
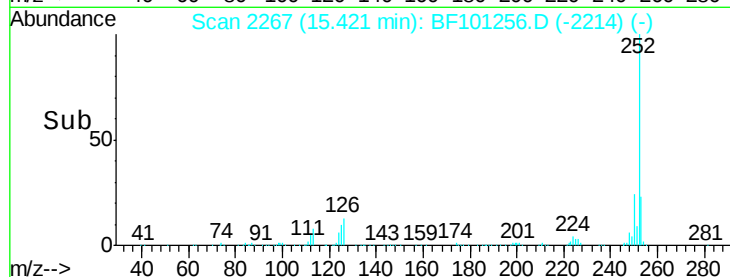
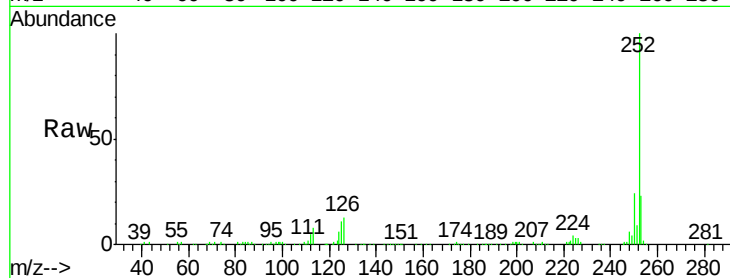
Tot Ion:252 Resp: 186876

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

125 10.6 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 52.033 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.02 min

Lab File: BF101256.D

Acq: 9 Dec 2017 00:28

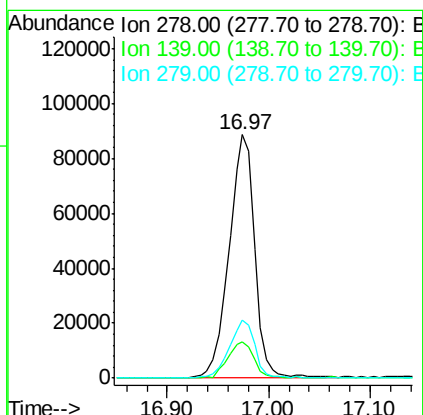
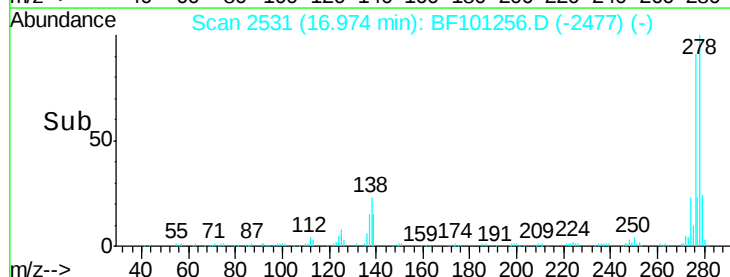
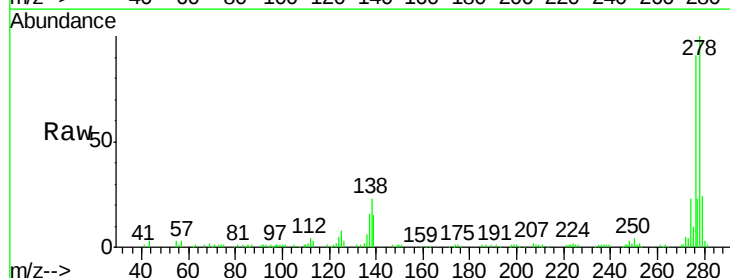
Tgt Ion:278 Resp: 155390

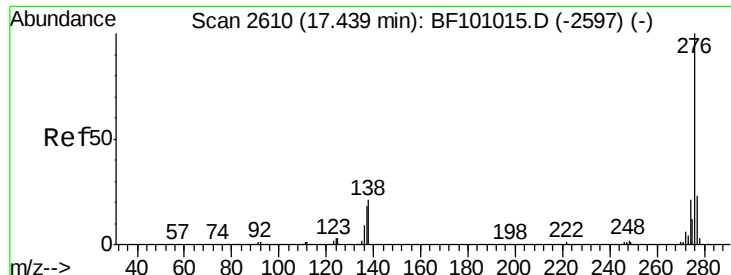
Ion Ratio Lower Upper

278 100

139 15.0 15.9 23.9#

279 23.9 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 53.407 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. 0.02 min
 Lab File: BF101256.D
 Acq: 9 Dec 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-4(0-5)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.7	17.9	26.9
138	17.9	21.8	32.8

