

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122017\
 Data File : BF101587.D
 Acq On : 21 Dec 2017 4:19
 Operator : SJ/JU
 Sample : PB105190BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105190BS

Quant Time: Dec 21 05:20:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	140717	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	549554	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	219092	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	342529	20.00	ng	0.00
75) Chrysene-d12	13.97	240	275081	20.00	ng	0.00
86) Perylene-d12	15.44	264	309258	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	928964	98.34	ng	0.01
7) Phenol-d6	6.45	99	1063225	90.43	ng	0.00
23) Nitrobenzene-d5	7.37	82	965104	97.76	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	182232	86.32	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1441565	102.07	ng	0.00
78) Terphenyl-d14	12.90	244	1032979	90.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	202768	41.773	ng	95
3) Pyridine	3.35	79	537622	39.864	ng	98
4) n-Nitrosodimethylamine	3.33	42	281222	45.288	ng	97
6) Aniline	6.47	93	378405	23.161	ng	# 86
8) 2-Chlorophenol	6.59	128	438133	44.089	ng	96
9) Benzaldehyde	6.35	77	243603	28.056	ng	96
10) Phenol	6.46	94	562384	41.969	ng	90
11) bis(2-Chloroethyl)ether	6.53	93	449943	42.807	ng	93
12) 1,3-Dichlorobenzene	6.73	146	481727	42.952	ng	98
13) 1,4-Dichlorobenzene	6.81	146	489892	42.774	ng	99
14) 1,2-Dichlorobenzene	6.97	146	430748	41.783	ng	97
15) Benzyl Alcohol	6.95	79	315520	38.990	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	729235	45.332	ng	63
17) 2-Methylphenol	7.06	107	357447	39.104	ng	# 90
18) Hexachloroethane	7.30	117	162054	40.697	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	304994	39.502	ng	95
20) 3+4-Methylphenols	7.22	107	444296	45.867	ng	# 61
22) Acetophenone	7.21	105	593494	47.330	ng	# 91
24) Nitrobenzene	7.39	77	489564	44.806	ng	95
25) Isophorone	7.62	82	906265	45.760	ng	97
26) 2-Nitrophenol	7.70	139	223548	47.623	ng	97
27) 2,4-Dimethylphenol	7.74	122	380814	47.753	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	557638	44.326	ng	98
29) 2,4-Dichlorophenol	7.95	162	353119	44.820	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	362732	43.627	ng	97
31) Naphthalene	8.10	128	1160047	41.930	ng	100
32) Benzoic acid	7.90	122	203523	39.555	ng	96
33) 4-Chloroaniline	8.16	127	127233	10.581	ng	99
34) Hexachlorobutadiene	8.21	225	208379	43.333	ng	97
35) Caprolactam	8.54	113	118461	43.302	ng	# 84
36) 4-Chloro-3-methylphenol	8.65	107	363231	41.946	ng	98
37) 2-Methylnaphthalene	8.79	142	744933	41.327	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	353727	47.820	ng	97
40) Hexachlorocyclopentadiene	8.93	237	14664	23.591	ng	99

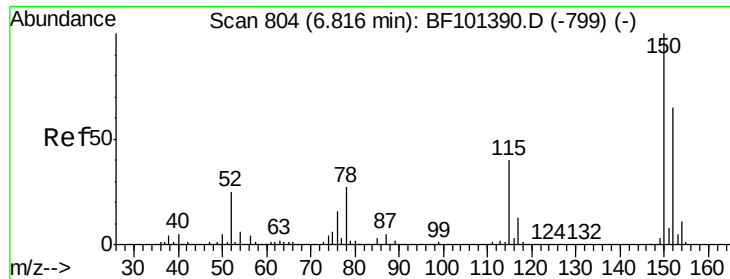
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122017\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	218177	48.993	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	222831	45.699	nq	98
45) 1,1'-Biphenyl	9.26	154	895661	46.096	nq	99
46) 2-Chloronaphthalene	9.29	162	669968	45.064	nq	96
47) 2-Nitroaniline	9.39	65	242176	47.154	nq	90
48) Acenaphthylene	9.70	152	954154	40.633	nq	99
49) Dimethylphthalate	9.56	163	769588	43.670	nq	99
50) 2,6-Dinitrotoluene	9.63	165	161245	45.019	nq	93
51) Acenaphthene	9.87	154	574996	40.756	nq	99
52) 3-Nitroaniline	9.80	138	113738	25.470	nq	95
53) 2,4-Dinitrophenol	9.93	184	41294	39.152	nq #	20
54) Dibenzofuran	10.04	168	800518	44.649	nq	96
55) 4-Nitrophenol	9.99	139	162619	83.515	nq	89
56) 2,4-Dinitrotoluene	10.05	165	184831	45.802	nq #	79
57) Fluorene	10.39	166	634835	41.856	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	160940	45.940	nq	89
59) Diethylphthalate	10.25	149	748907	42.913	nq	97
60) 4-Chlorophenyl-phenylether	10.37	204	319759	43.990	nq	89
61) 4-Nitroaniline	10.42	138	143716	32.018	nq	98
62) Azobenzene	10.53	77	742097	41.049	nq	97
64) 4,6-Dinitro-2-methylphenol	10.46	198	40436	23.133	nq	92
65) n-Nitrosodiphenylamine	10.49	169	600295	47.463	nq	95
66) 4-Bromophenyl-phenylether	10.86	248	192565	50.033	nq #	88
67) Hexachlorobenzene	10.94	284	182679	44.847	nq #	88
68) Atrazine	11.02	200	188167	49.895	nq	98
69) Pentachlorophenol	11.14	266	147031	91.769	nq	98
70) Phenanthrene	11.35	178	820236	43.060	nq	99
71) Anthracene	11.40	178	845540	43.456	nq	100
72) Carbazole	11.56	167	749992	41.169	nq	99
73) Di-n-butylphthalate	11.87	149	1023354	46.283	nq	100
74) Fluoranthene	12.54	202	805572	40.290	nq	99
76) Benzidine	12.66	184	411557	35.424	nq	99
77) Pyrene	12.77	202	834245	40.410	nq	99
79) Butylbenzylphthalate	13.37	149	388642	41.605	nq	99
80) Benzo(a)anthracene	13.96	228	798691	43.971	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	265801	44.878	nq #	98
82) Chrysene	14.00	228	758712	44.239	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	496574	41.969	nq	98
84) Di-n-octyl phthalate	14.54	149	956095	45.311	nq	97
85) Indeno(1,2,3-cd)pyrene	16.92	276	741741	48.568	nq	96
87) Benzo(b)fluoranthene	15.02	252	832780	44.179	nq	98
88) Benzo(k)fluoranthene	15.04	252	767024	41.851	nq #	96
89) Benzo(a)pyrene	15.38	252	777095	44.720	nq	99
90) Dibenzo(a,h)anthracene	16.92	278	643872	43.156	nq	96
91) Benzo(g,h,i)perylene	17.36	276	618076	41.837	nq	95

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

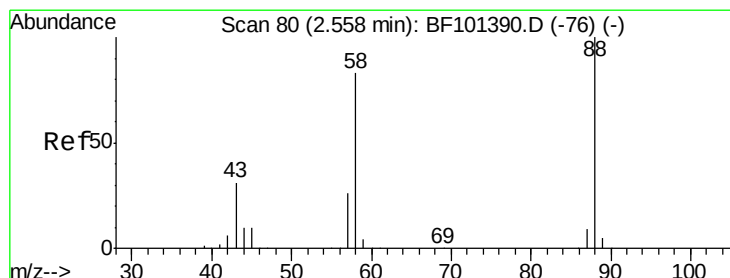
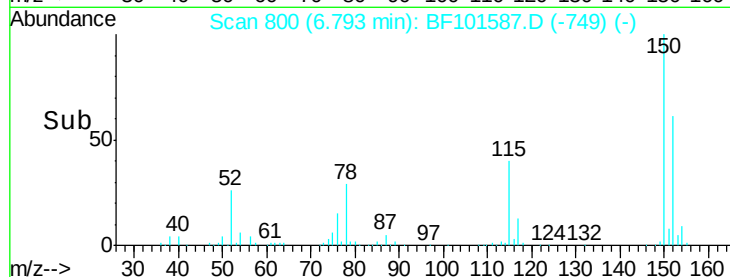
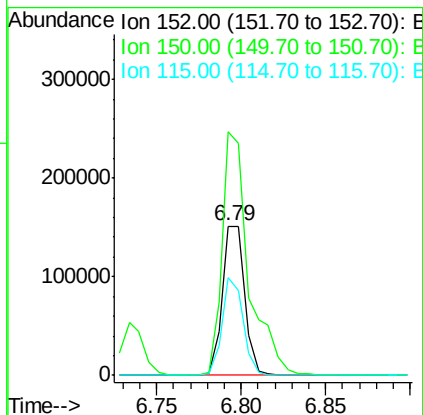
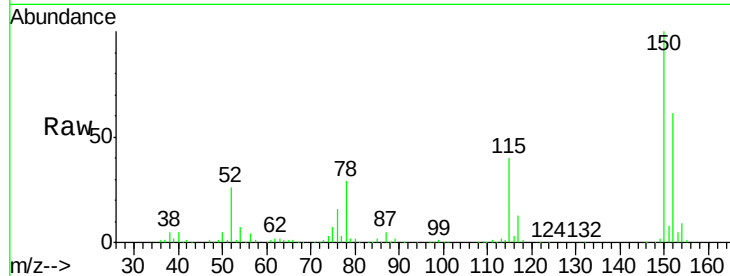


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

Instrument :
BNA_F
ClientSampleId :
PB105190BS

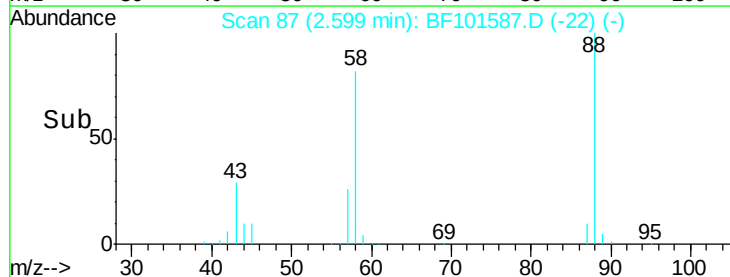
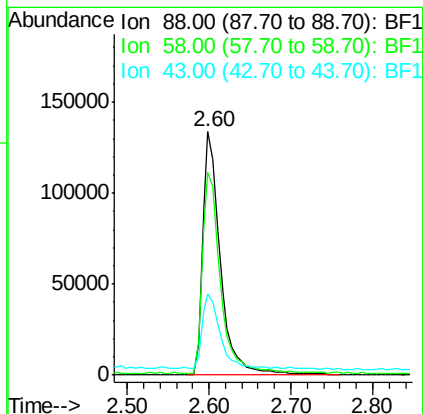
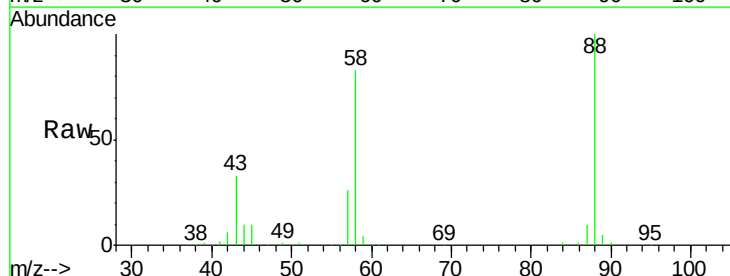
Tot Ion:152 Resp: 140717
Ion Ratio Lower Upper
152 100
150 163.2 124.6 186.8
115 65.7 50.1 75.1

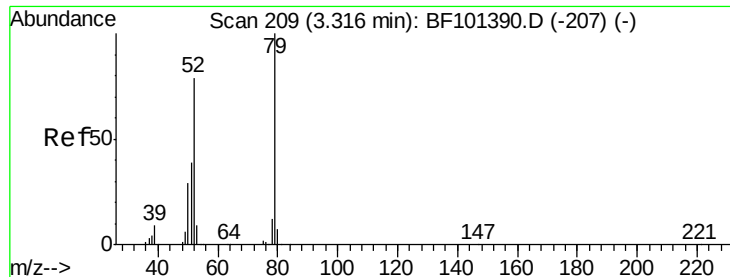


#2

1,4-Dioxane
Concen: 41.773 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.08 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

Tgt Ion: 88 Resp: 202768
Ion Ratio Lower Upper
88 100
58 83.8 62.6 93.8
43 30.5 24.6 37.0

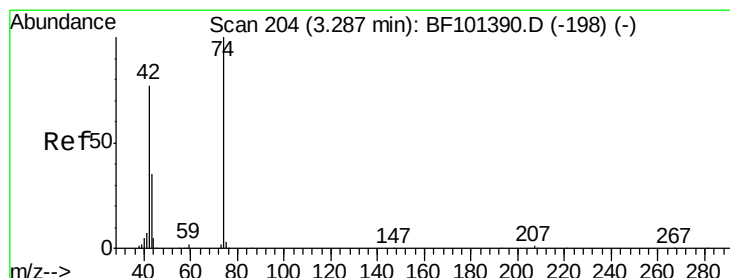
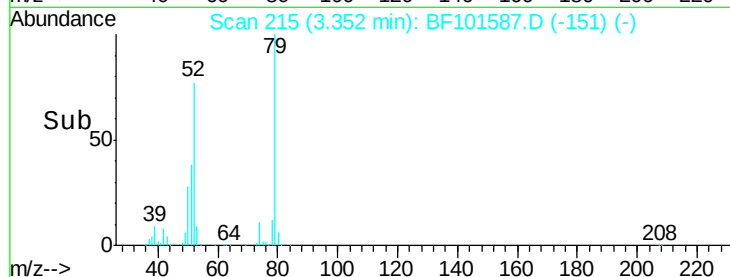
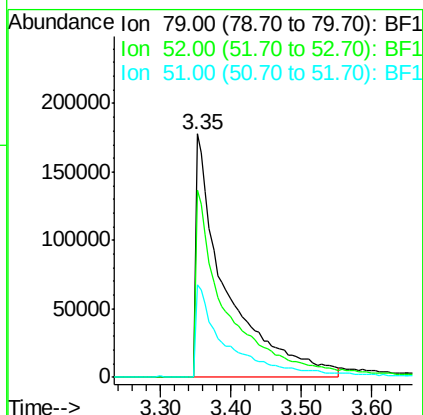
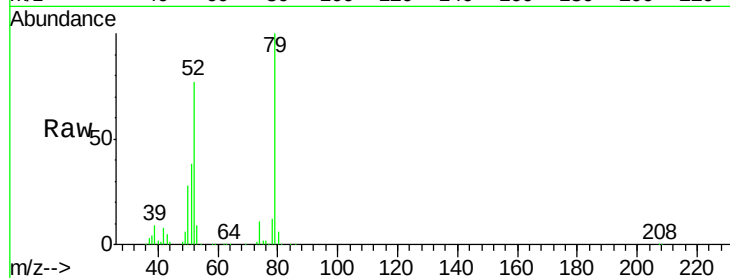




#3
 Pvridine
 Concen: 39.864 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.08 min
 Lab File: BF101587.D
 Acq: 21 Dec 2017 4:19

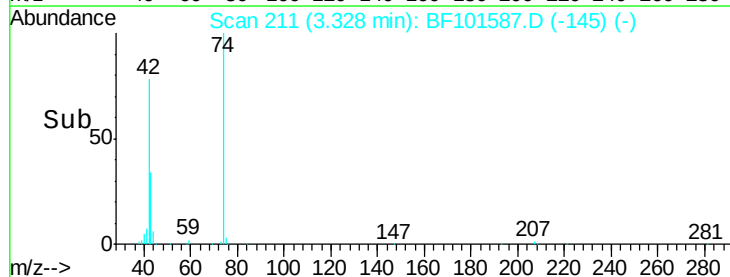
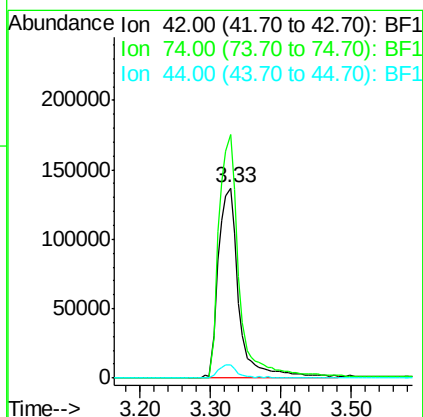
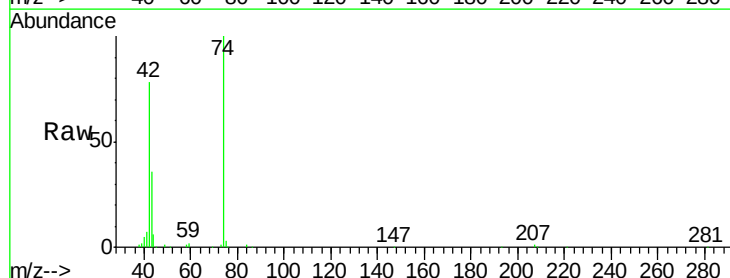
Instrument :
 BNA_F
 ClientSampleId :
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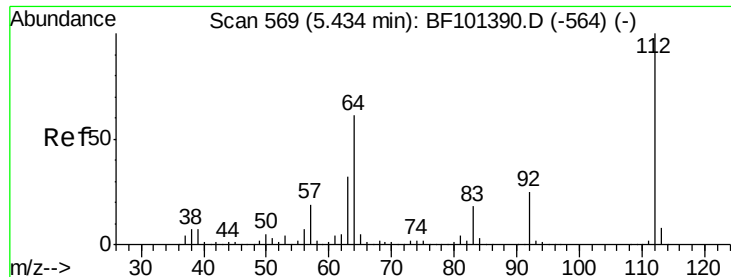
Tot Ion: 79 Resp: 537622
 Ion Ratio Lower Upper
 79 100
 52 76.9 59.8 89.6
 51 38.2 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 45.288 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.09 min
 Lab File: BF101587.D
 Acq: 21 Dec 2017 4:19

Tgt Ion: 42 Resp: 281222
 Ion Ratio Lower Upper
 42 100
 74 128.2 104.9 157.3
 44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 98.337 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Instrument :

BNA_F

ClientSampleId :

PB105190BS

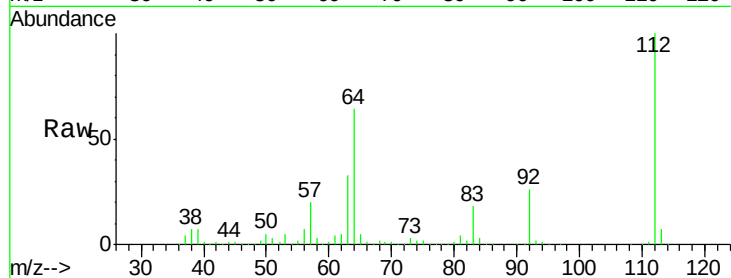
Tot Ion:112 Resp: 928964

Ion Ratio Lower Upper

112 100

64 64.0 47.9 71.9

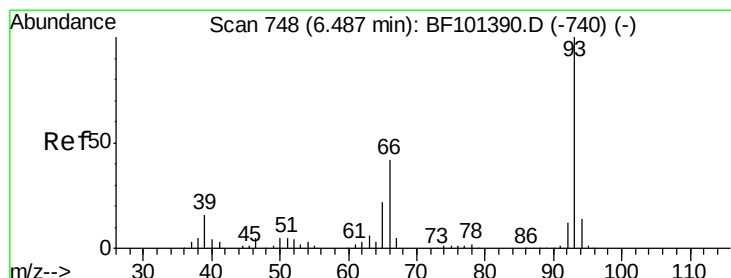
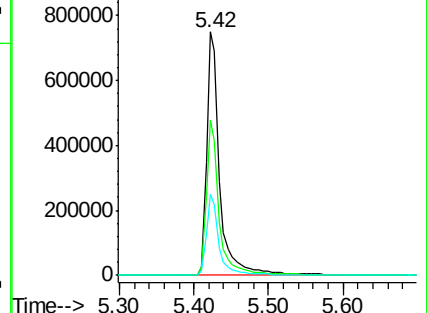
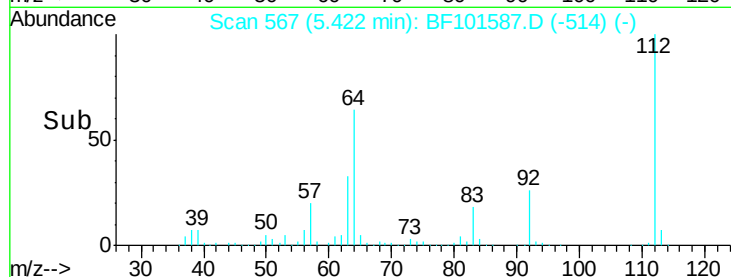
63 33.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.161 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

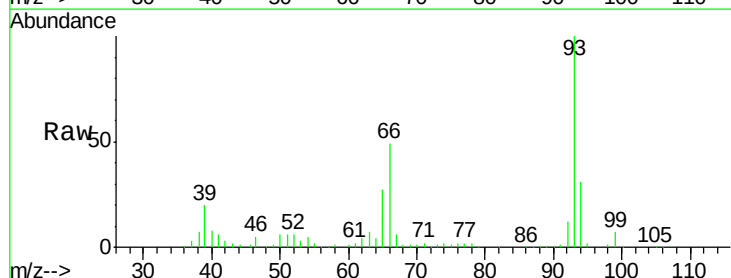
Tgt Ion: 93 Resp: 378405

Ion Ratio Lower Upper

93 100

66 48.6 32.2 48.2#

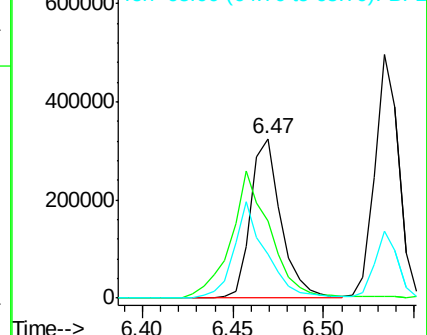
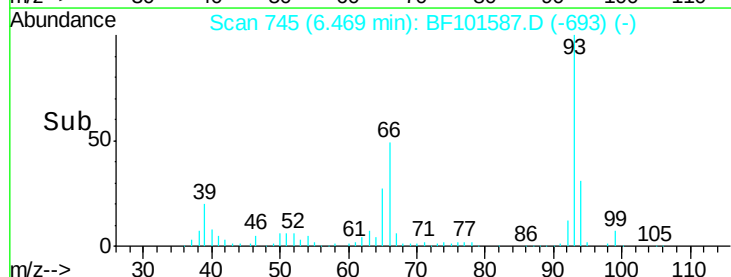
65 27.3 16.4 24.6#

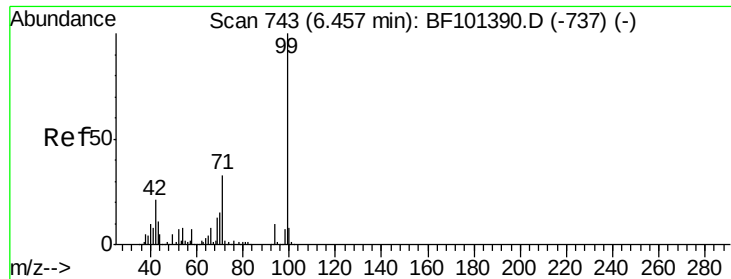


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 90.434 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Instrument :

BNA_F

ClientSampleId :

PB105190BS

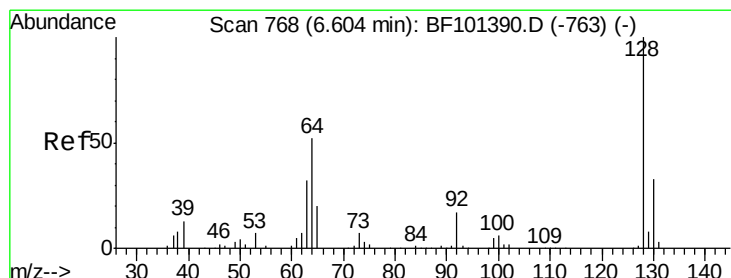
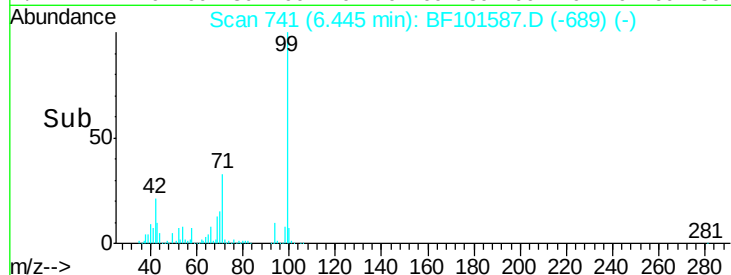
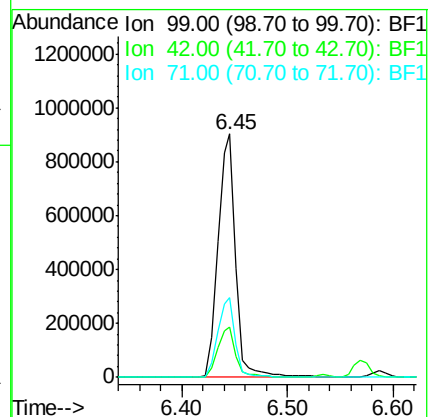
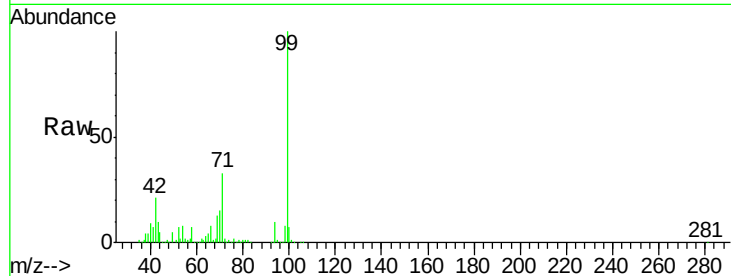
Tot Ion: 99 Resp: 1063225

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

71 32.8 25.4 38.0



#8

2-Chlorophenol

Concen: 44.089 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

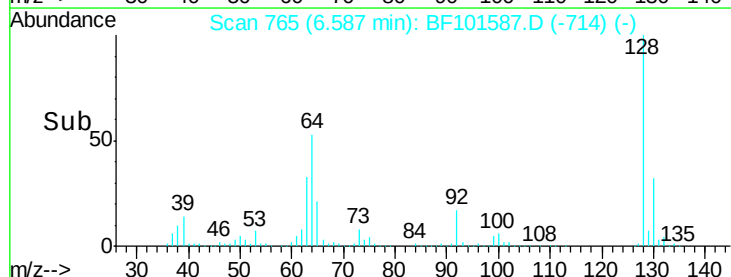
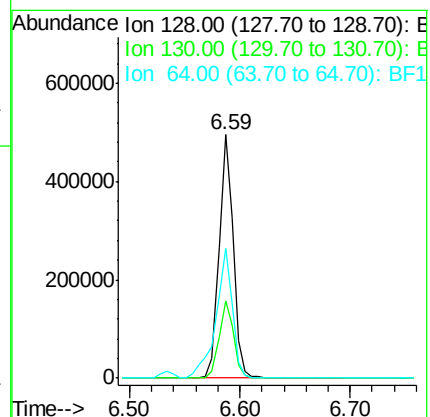
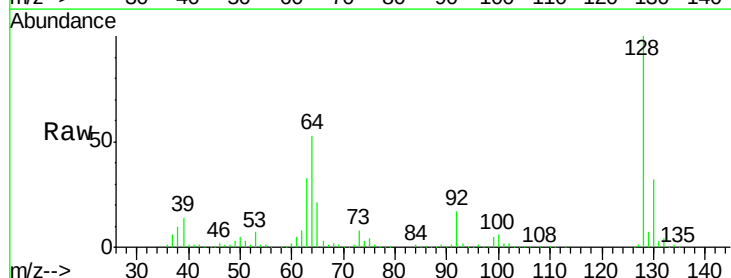
Tgt Ion: 128 Resp: 438133

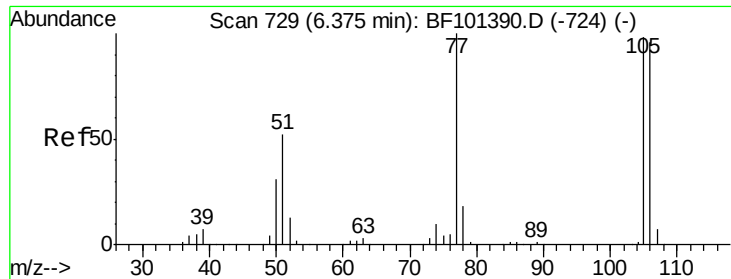
Ion Ratio Lower Upper

128 100

130 31.8 13.0 53.0

64 53.2 29.4 69.4





#9

Benzaldehyde

Concen: 28.056 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Instrument :

BNA_F

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PB105190BS

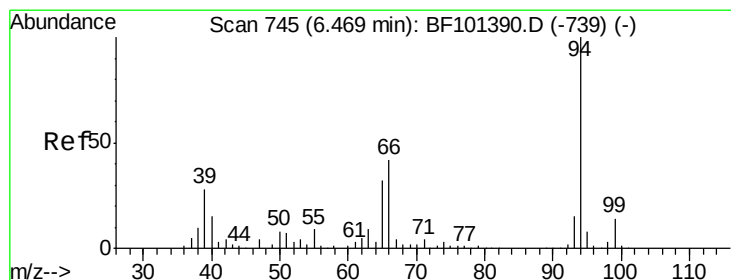
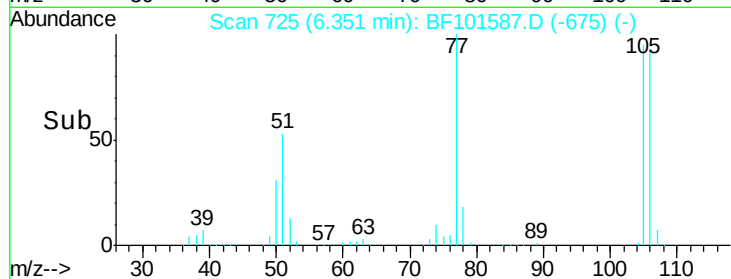
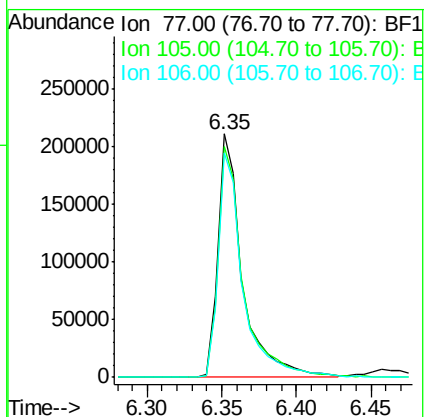
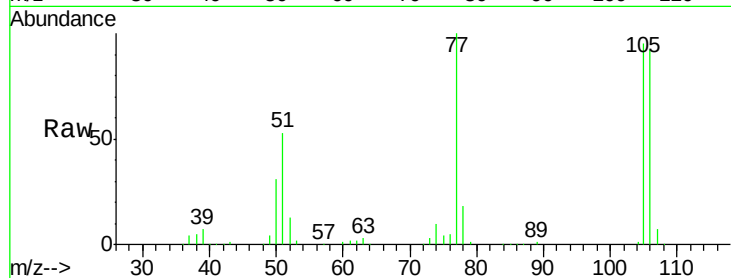
Tot Ion: 77 Resp: 243603

Ion Ratio Lower Upper

77 100

105 94.7 81.1 121.1

106 92.3 74.5 114.5



#10

Phenol

Concen: 41.969 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

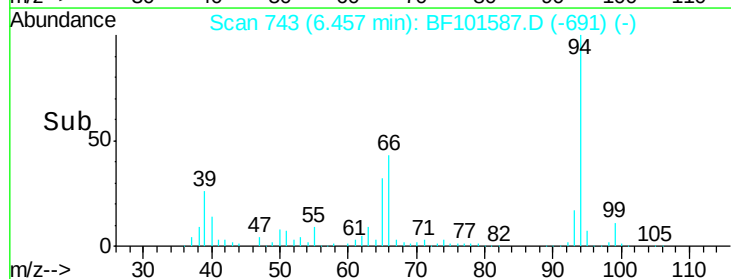
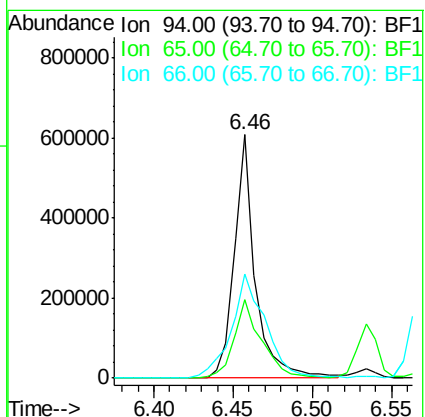
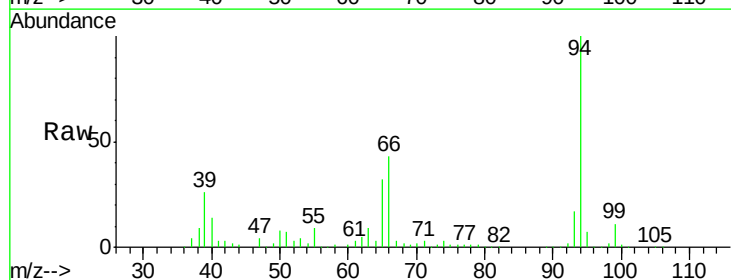
Tgt Ion: 94 Resp: 562384

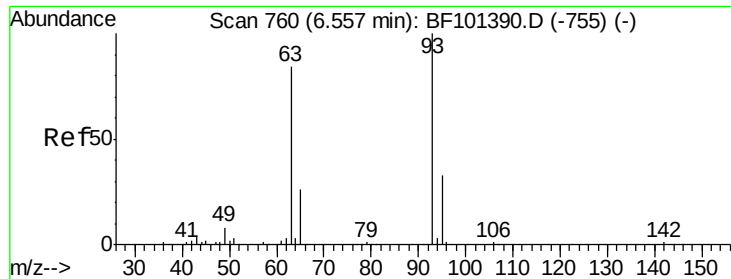
Ion Ratio Lower Upper

94 100

65 32.2 7.9 47.9

66 42.6 16.2 56.2

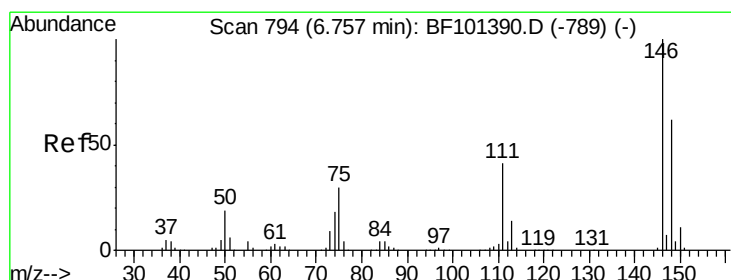
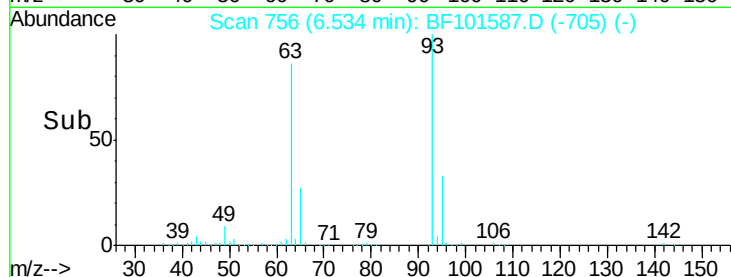
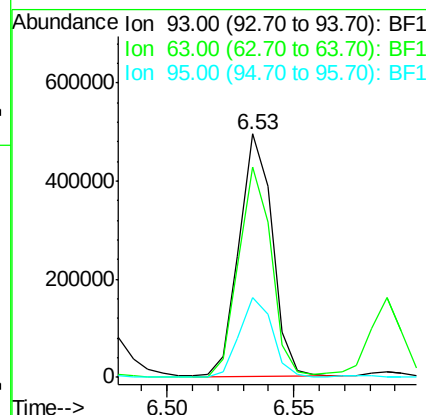
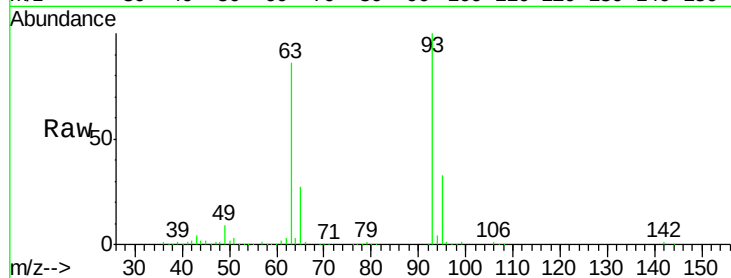




#11
 bis(2-Chloroethyl)ether
 Concen: 42.807 ng
 RT: 6.53 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF101587.D
 Acq: 21 Dec 2017 4:19

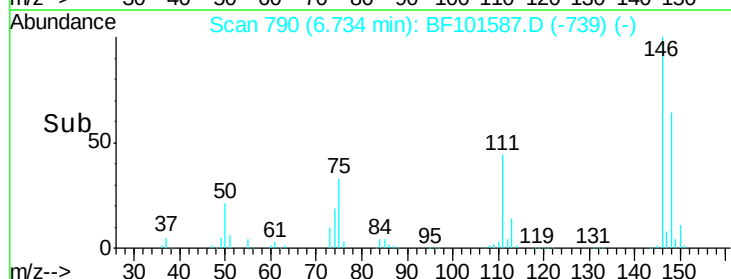
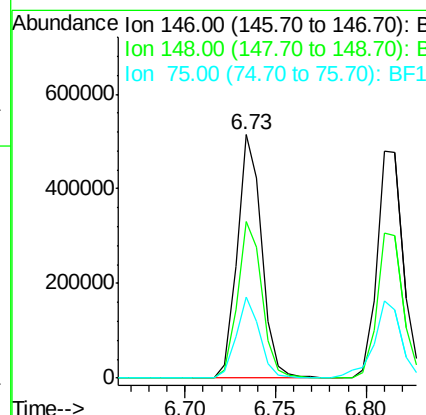
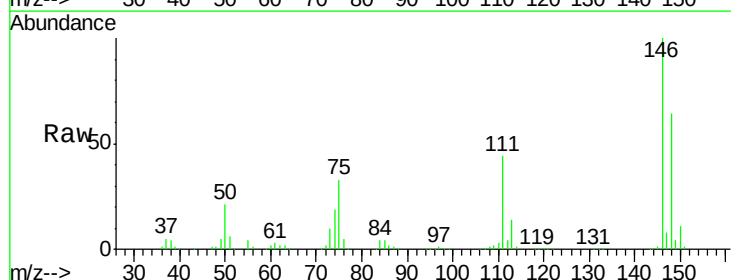
Instrument :
 BNA_F
 ClientSampleId :
 PB105190BS

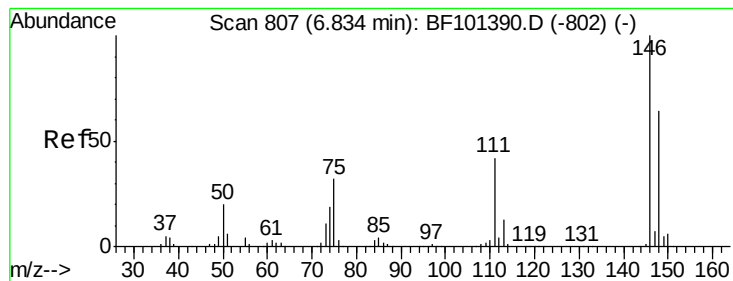
Tot Ion: 93 Resp: 449943
 Ion Ratio Lower Upper
 93 100
 63 86.2 58.6 98.6
 95 32.9 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 42.952 ng
 RT: 6.73 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF101587.D
 Acq: 21 Dec 2017 4:19

Tgt Ion: 146 Resp: 481727
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.8 77.8
 75 33.1 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 42.774 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Instrument :

BNA_F

ClientSampleId :

PB105190BS

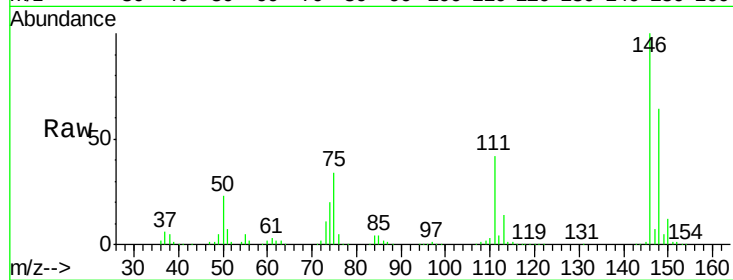
Tot Ion:146 Resp: 489892

Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

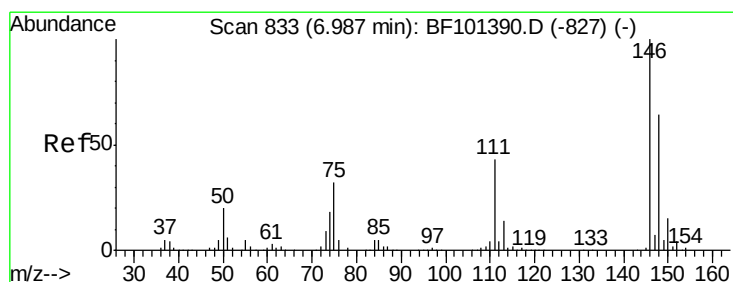
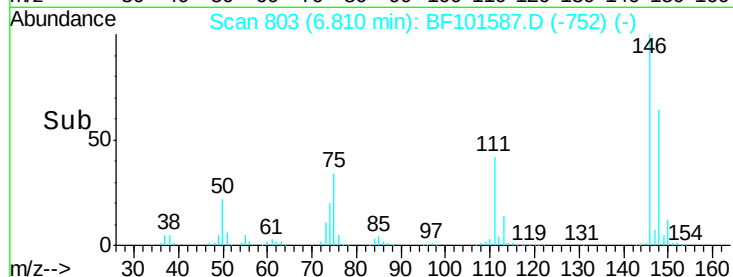
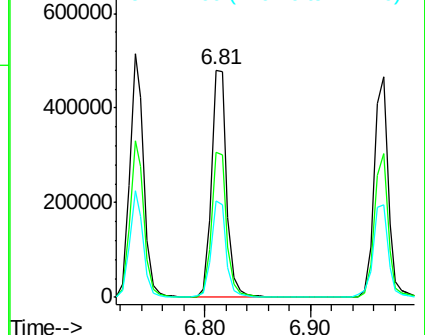
111 42.3 34.2 51.2



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: 41.783 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

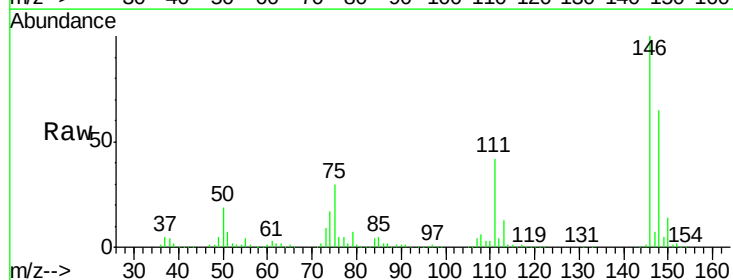
Tgt Ion:146 Resp: 430748

Ion Ratio Lower Upper

146 100

148 65.2 50.6 75.8

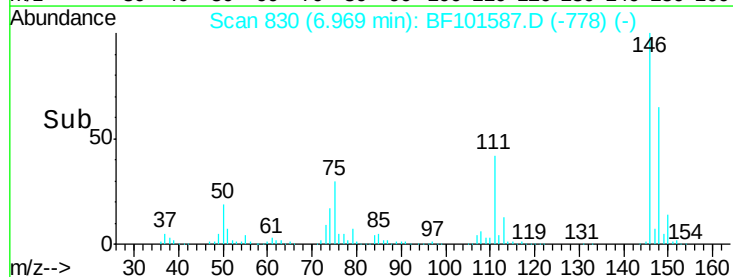
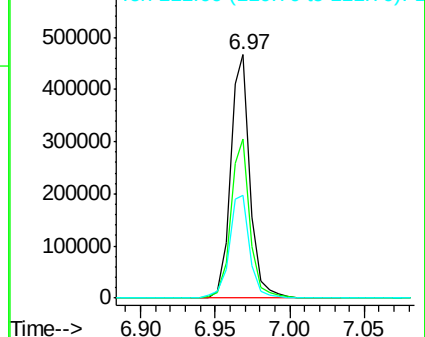
111 42.0 36.0 54.0

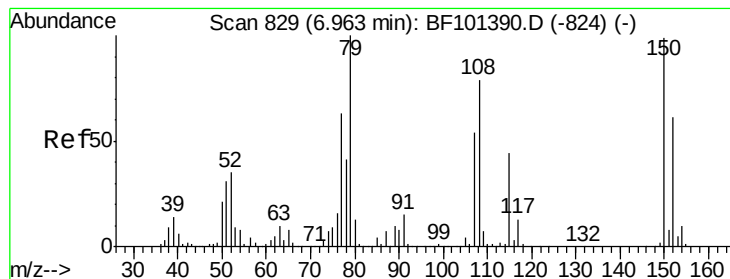


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.990 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Instrument :

BNA_F

ClientSampleId :

PB105190BS

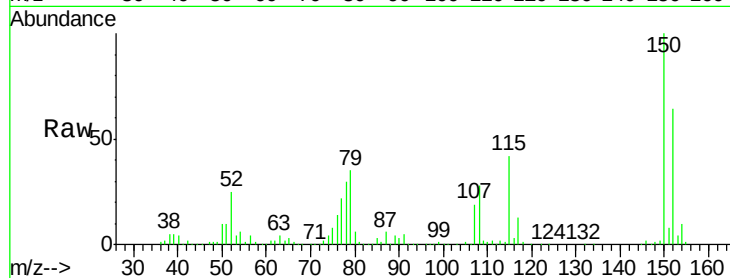
Tot Ion: 79 Resp: 31520

Ion Ratio Lower Upper

79 100

108 80.5 65.1 97.7

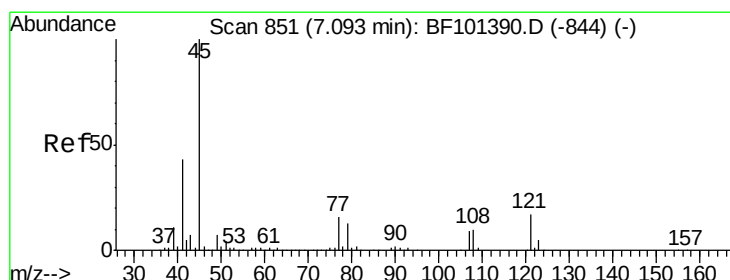
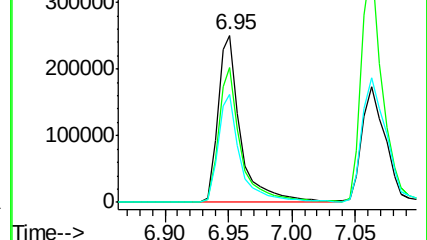
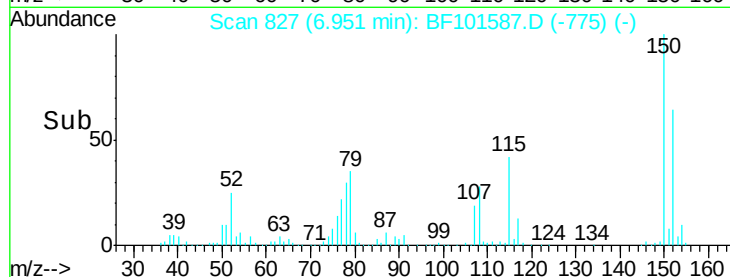
77 64.5 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.332 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

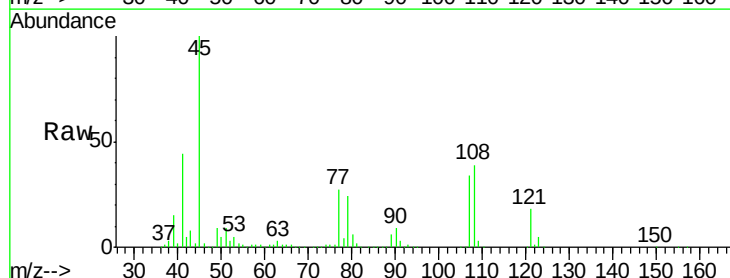
Tgt Ion: 45 Resp: 729235

Ion Ratio Lower Upper

45 100

77 26.8 0.0 32.9

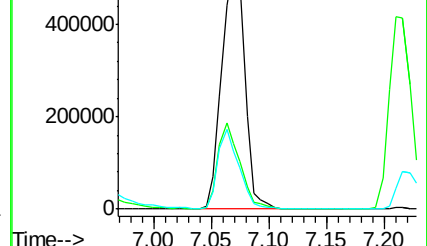
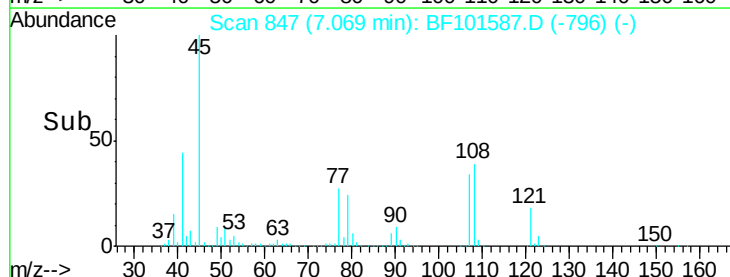
79 24.0 0.0 29.6

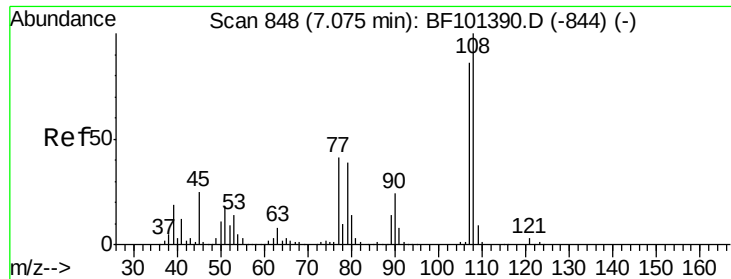


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

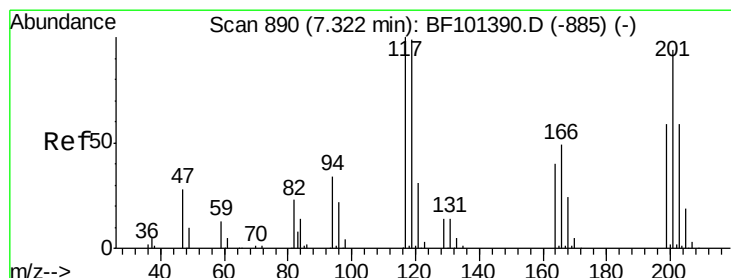
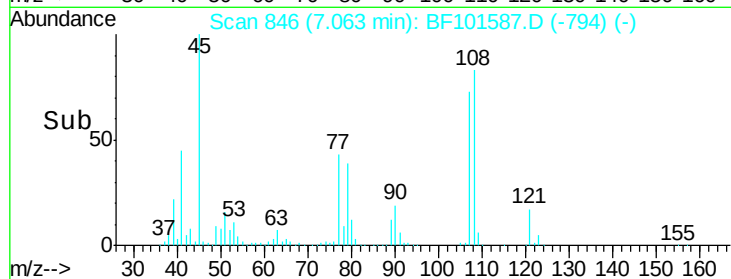
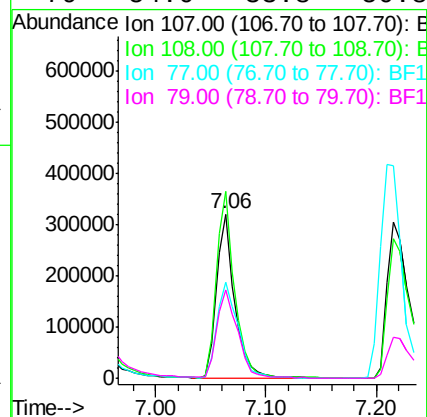
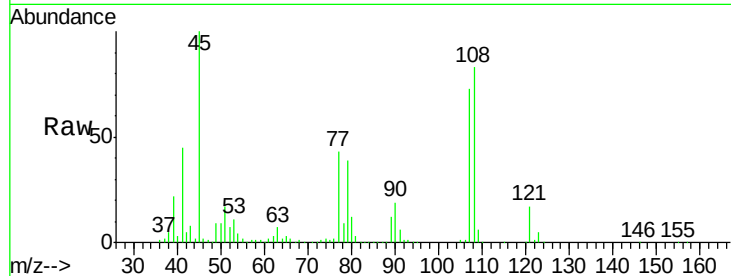




#17
2-Methylphenol
Concen: 39.104 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

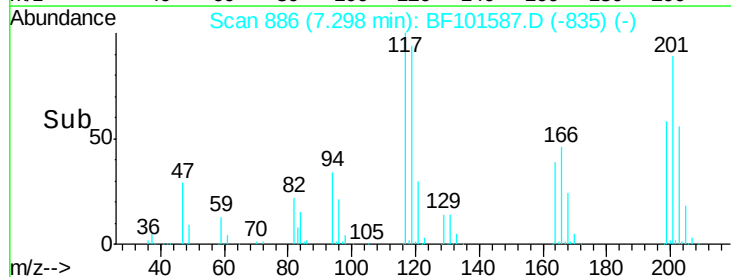
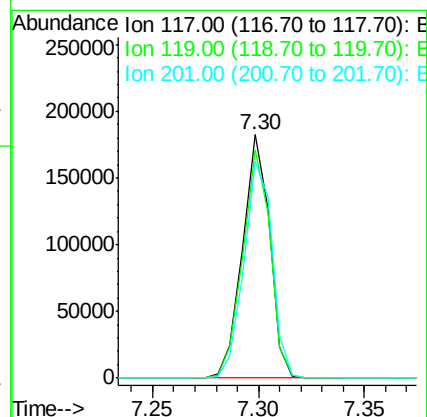
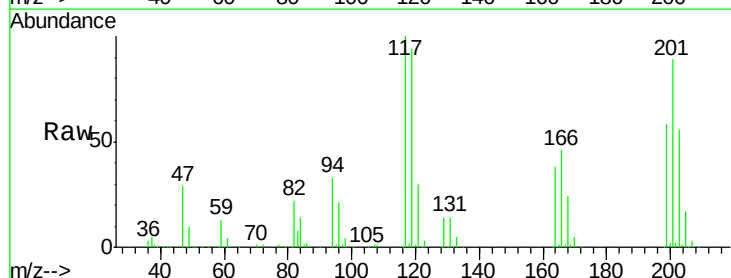
Instrument :
BNA_F
ClientSampleId :
PB105190BS

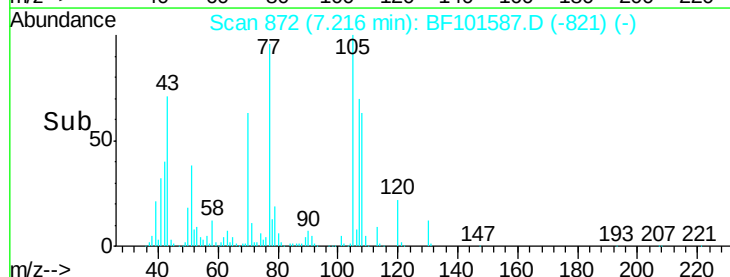
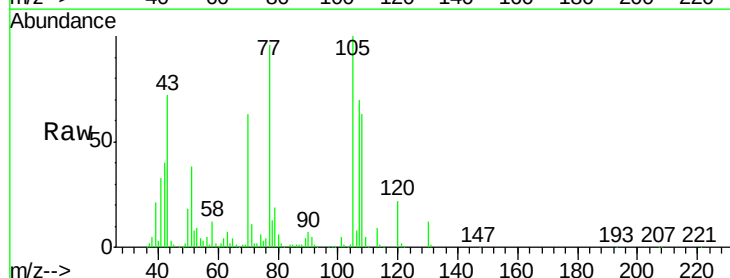
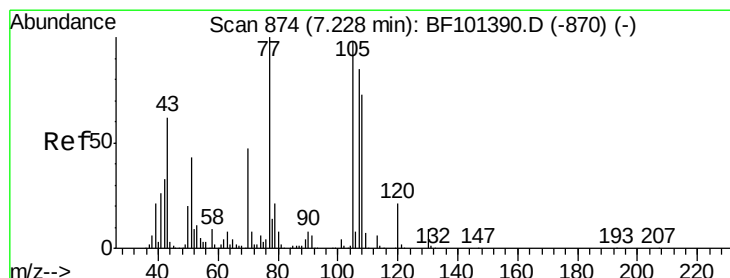
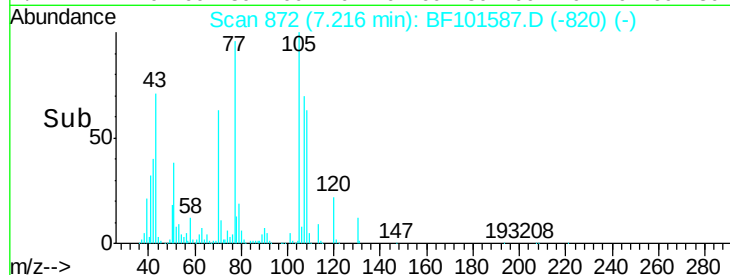
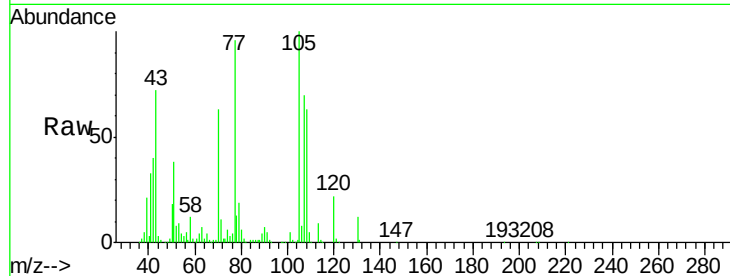
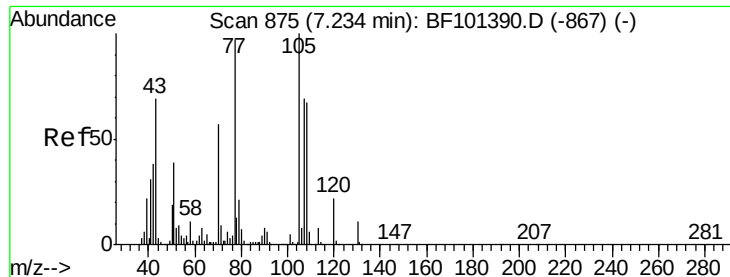
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.7	137.5
77	58.5	33.8	50.8#
79	54.0	33.8	50.8#



#18
Hexachloroethane
Concen: 40.697 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.8	113.8
201	88.8	75.7	113.5

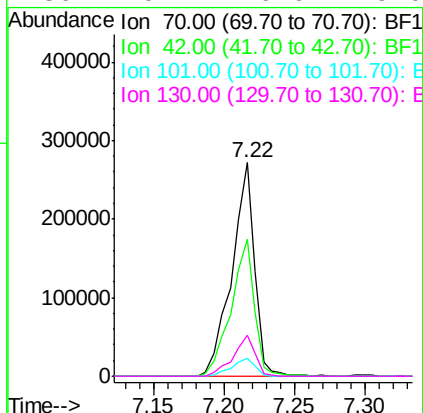




#19
n-Nitroso-di-n-propylamine
Concen: 39.502 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

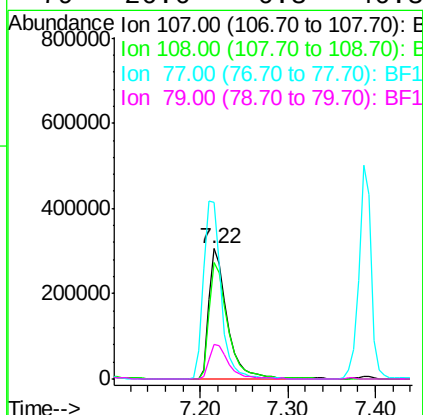
Instrument :
BNA_F
ClientSampleId :
PB105190BS

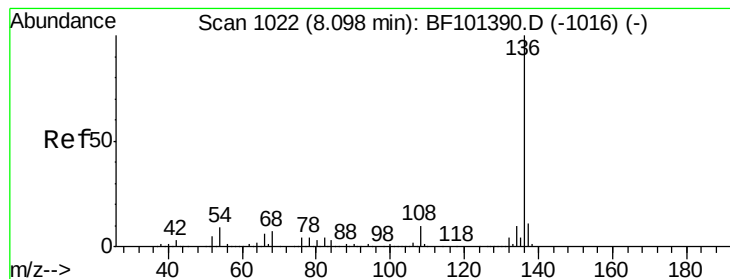
Tot Ion	Ratio	Lower	Upper
70	100		
42	64.2	47.5	71.3
101	8.6	7.4	11.2
130	19.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 45.867 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	68.2	108.2
77	135.8	26.7	66.7#
79	26.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Instrument :

BNA_F

ClientSampleId :

PB105190BS

Tot Ion:136 Resp: 549554

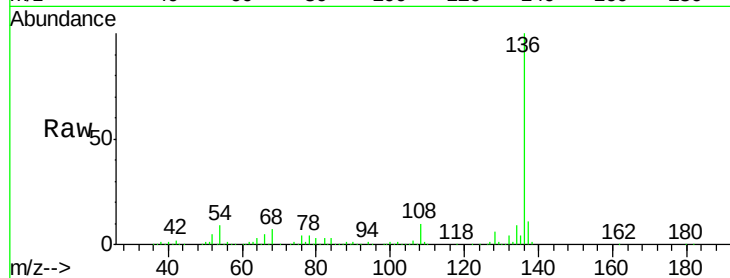
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.0 6.6 9.8

68 6.8 5.0 7.4

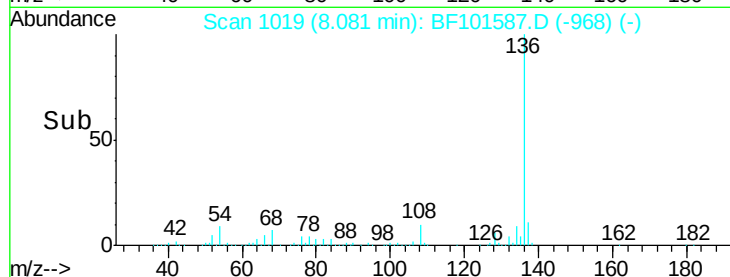


Abundance Ion 136.00 (135.70 to 136.70): E

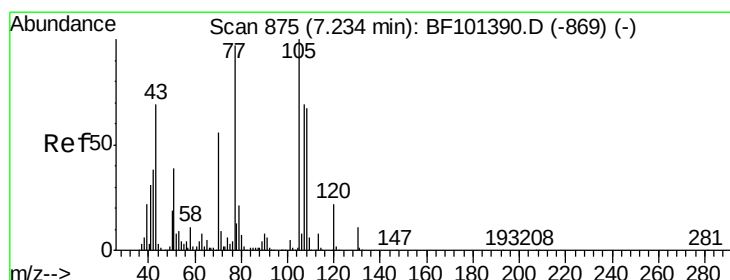
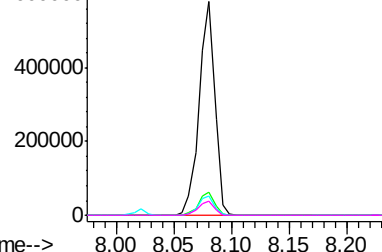
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 47.330 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Tgt Ion:105 Resp: 593494

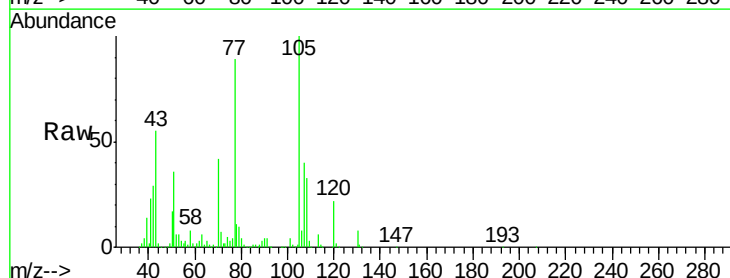
Ion Ratio Lower Upper

105 100

71 7.1 4.4 6.6#

51 36.4 22.3 33.5#

120 22.0 16.9 25.3

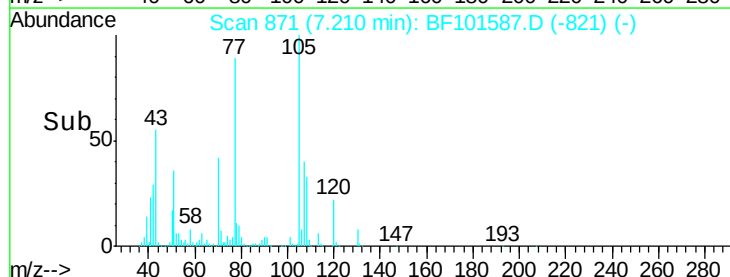


Abundance Ion 105.00 (104.70 to 105.70): E

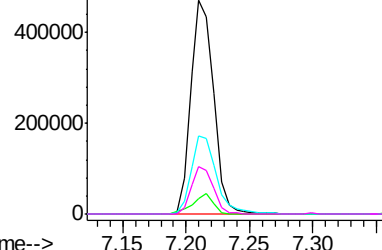
Ion 71.00 (70.70 to 71.70): BF1

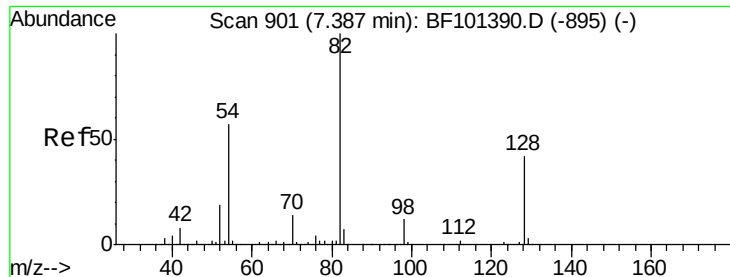
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

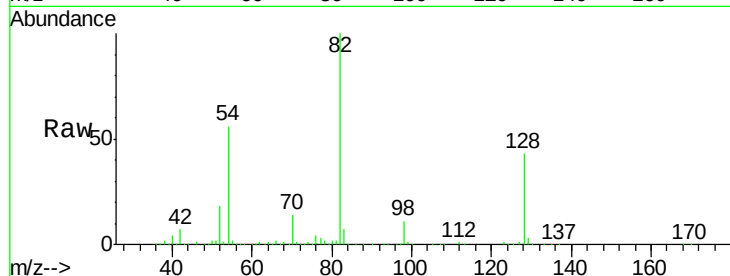




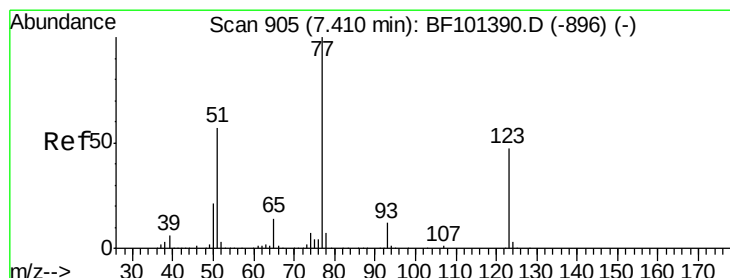
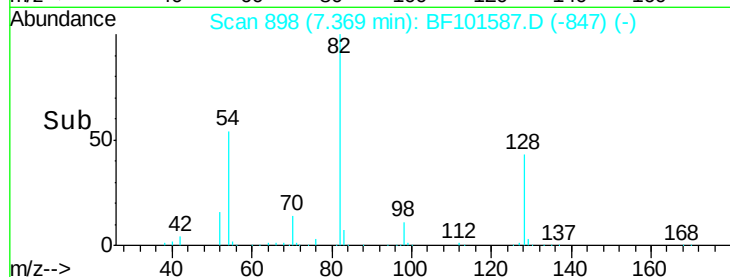
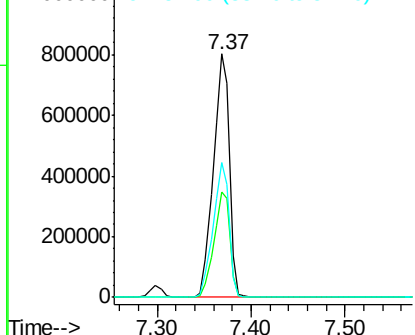
#23
Nitrobenzene-d5
Concen: 97.758 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

Instrument :
BNA_F
ClientSampleId :
PB105190BS

Tot Ion	82	Resp	965104
Ion Ratio	Lower	Upper	
82	100		
128	43.4	36.1	54.1
54	55.5	41.4	62.2

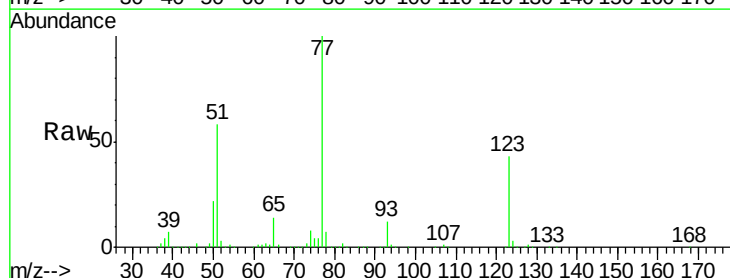


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

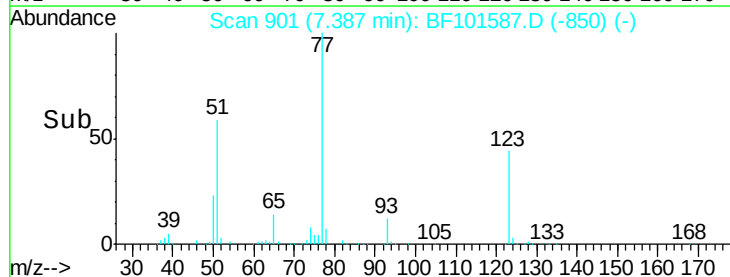
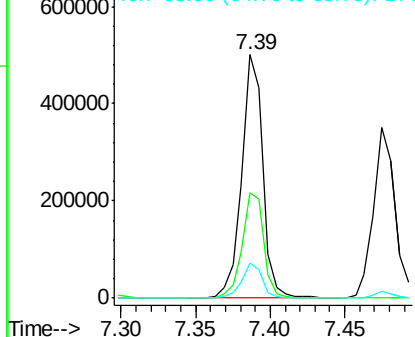


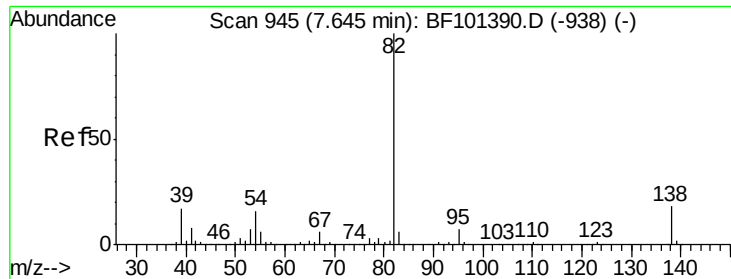
#24
Nitrobenzene
Concen: 44.806 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

Tgt Ion	77	Resp	489564
Ion Ratio	Lower	Upper	
77	100		
123	43.3	37.9	56.9
65	14.2	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

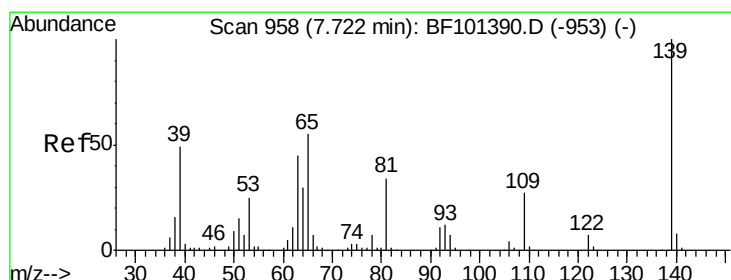
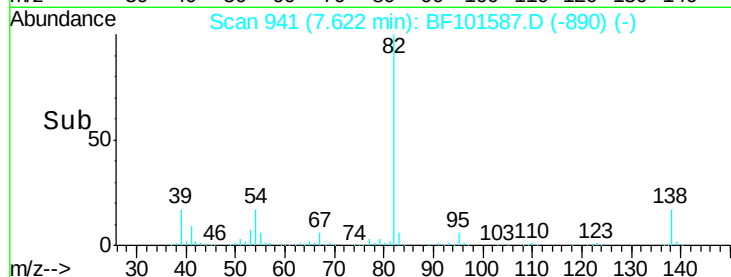
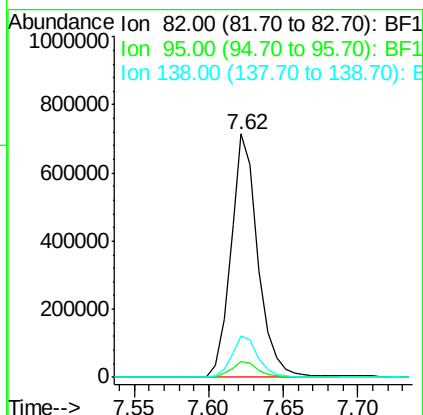
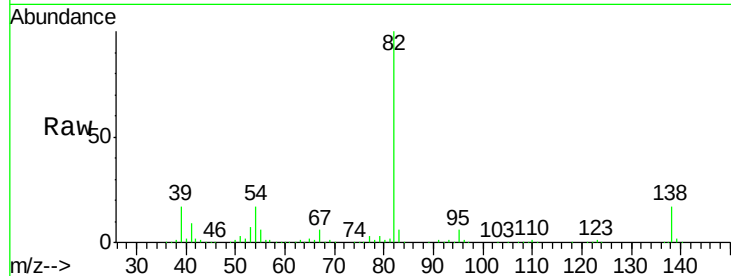




#25
Isophorone
Concen: 45.760 ng
RT: 7.62 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

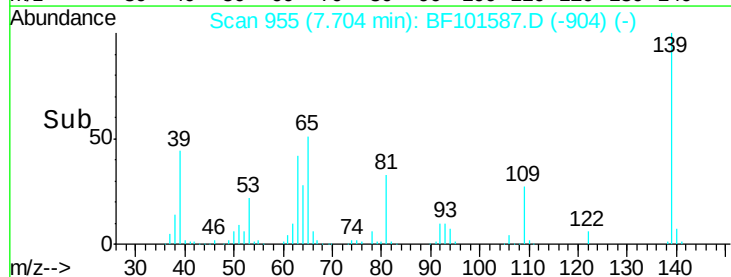
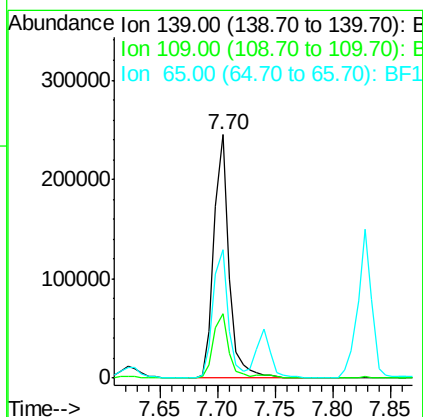
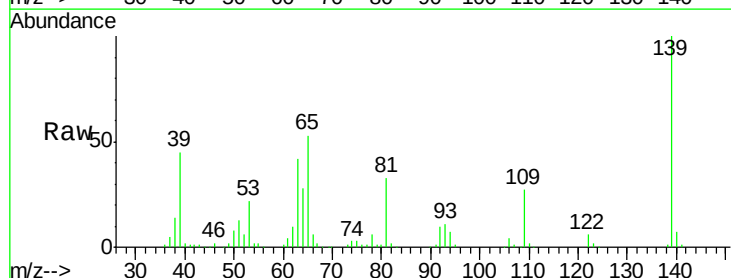
Instrument :
BNA_F
ClientSampleId :
PB105190BS

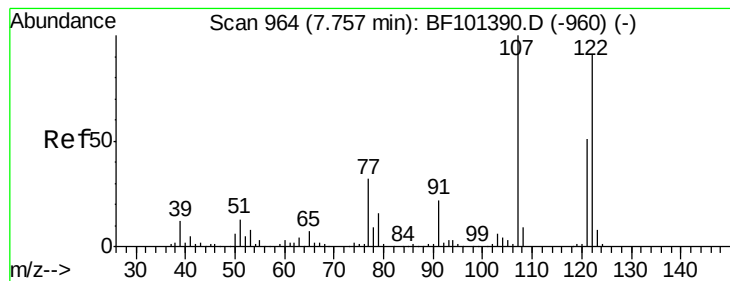
Tot Ion: 82 Resp: 906265
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 16.8 14.9 22.3



#26
2-Nitrophenol
Concen: 47.623 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

Tgt Ion: 139 Resp: 223548
Ion Ratio Lower Upper
139 100
109 26.7 22.7 34.1
65 52.5 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 47.753 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Instrument :

BNA_F

ClientSampleId :

PB105190BS

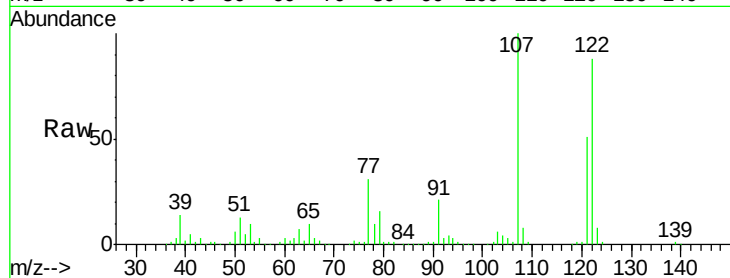
Tot Ion:122 Resp: 380814

Ion Ratio Lower Upper

122 100

107 113.4 91.2 136.8

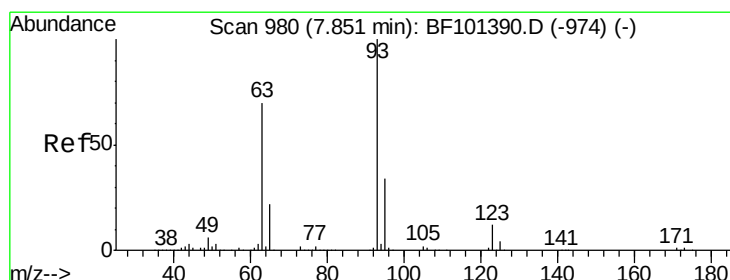
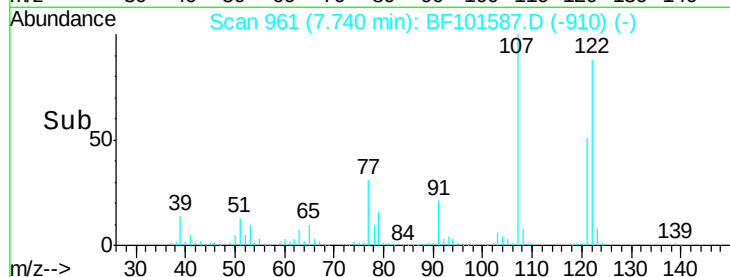
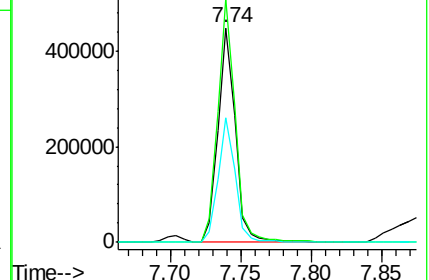
121 57.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.326 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

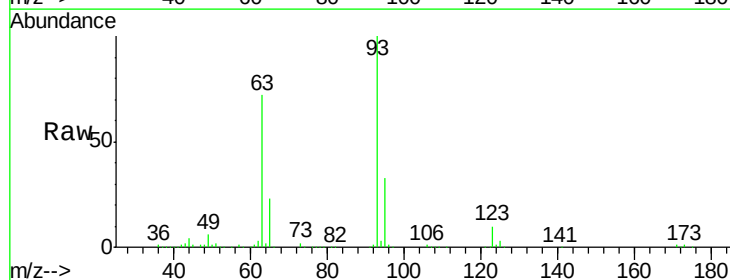
Tgt Ion: 93 Resp: 557638

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

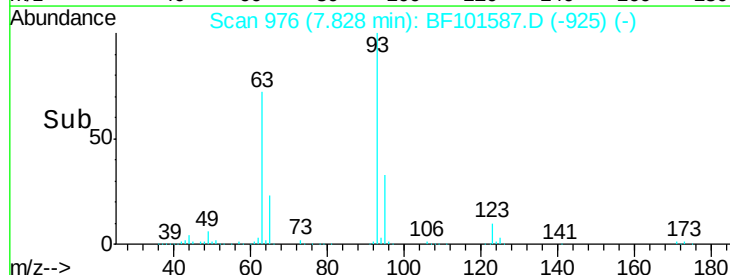
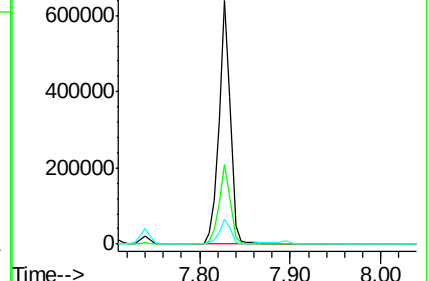
123 10.3 9.8 14.6

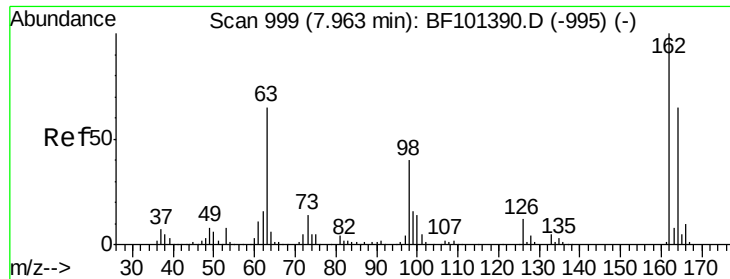


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

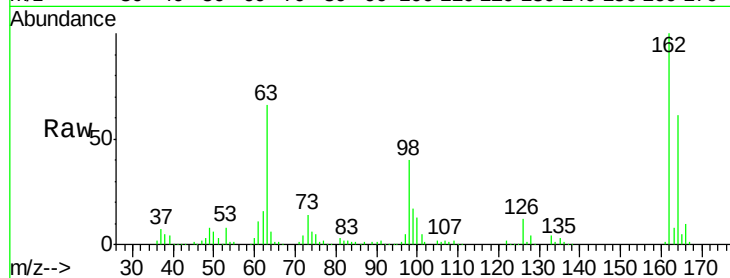




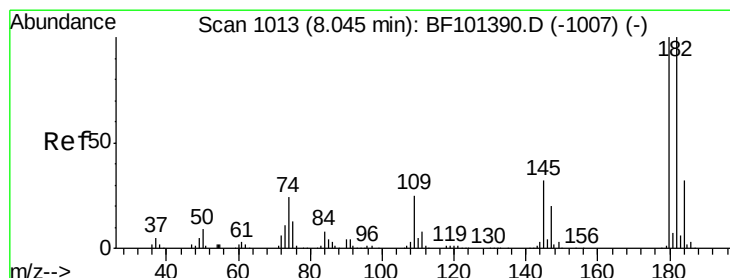
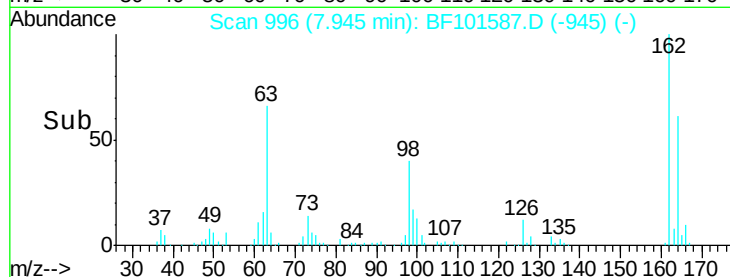
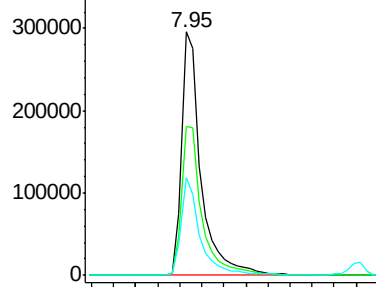
#29
2,4-Dichlorophenol
Concen: 44.820 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

Instrument :
BNA_F
ClientSampleId :
PB105190BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.1	42.7	82.7
98	40.2	18.1	58.1

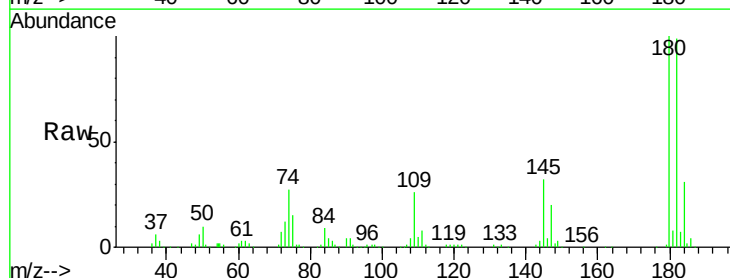


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

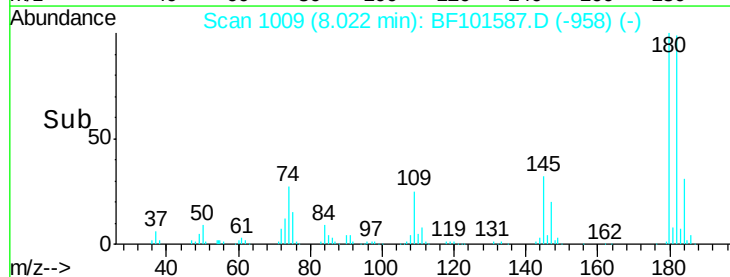
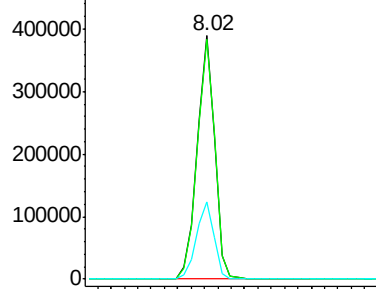


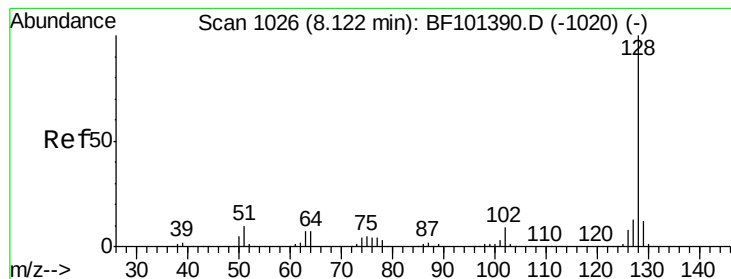
#30
1,2,4-Trichlorobenzene
Concen: 43.627 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.7	76.8	115.2
145	32.0	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: 41.930 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Instrument :

BNA_F

ClientSampleId :

PB105190BS

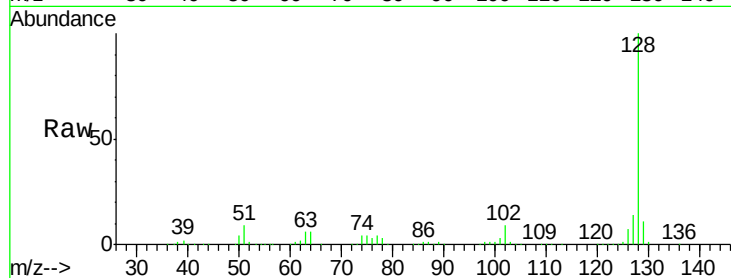
Tot Ion:128 Resp: 1160047

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

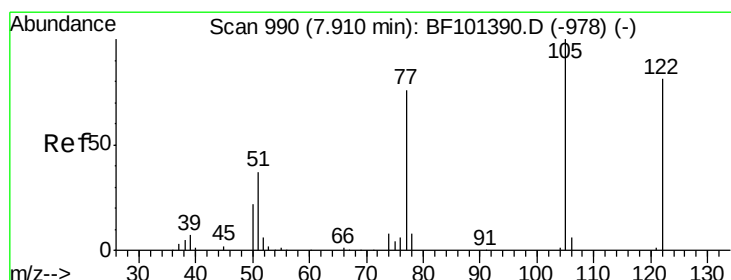
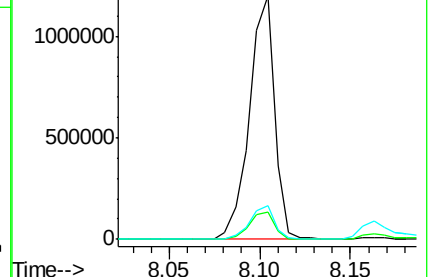
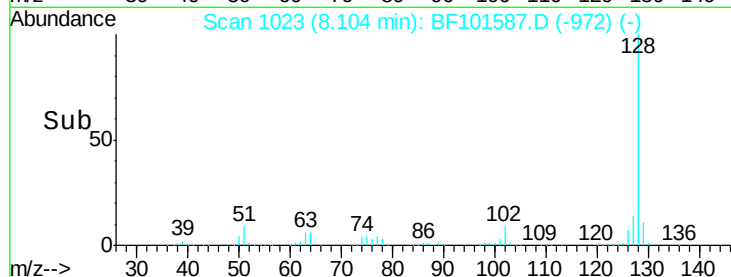
127 13.7 10.9 16.3



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: 39.555 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

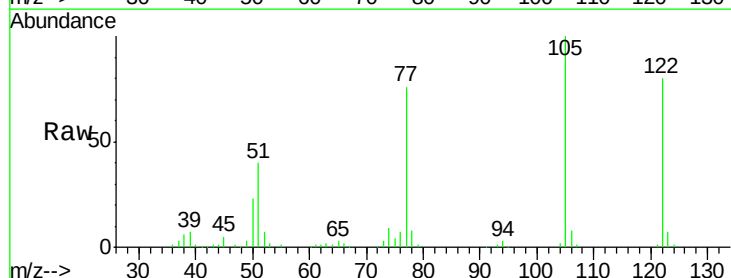
Tgt Ion:122 Resp: 203523

Ion Ratio Lower Upper

122 100

105 124.5 101.1 141.1

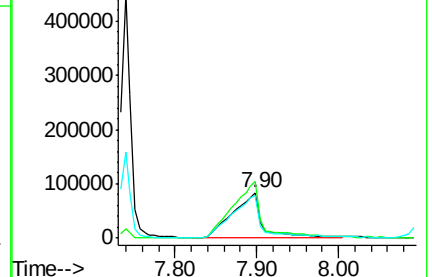
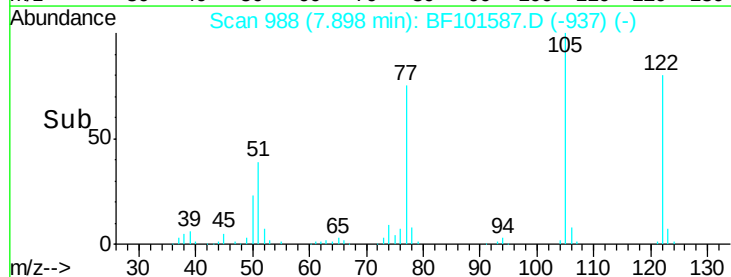
77 94.9 70.7 110.7

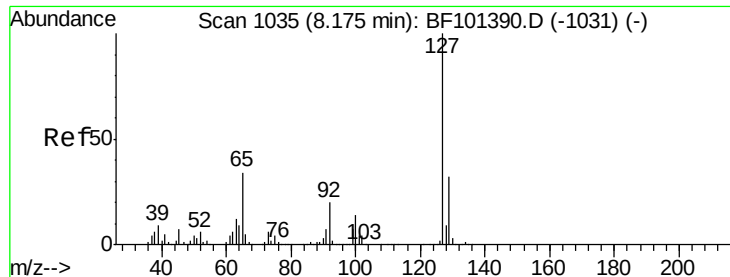


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

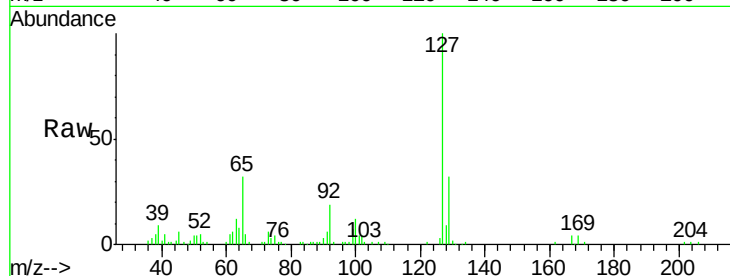




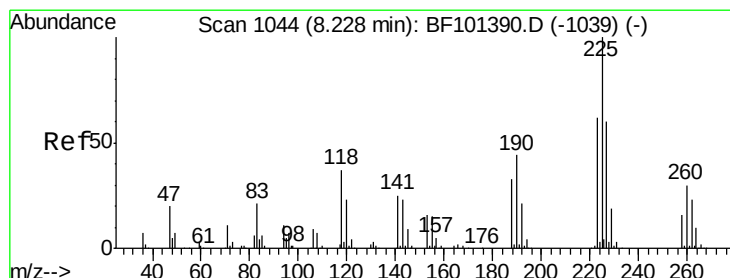
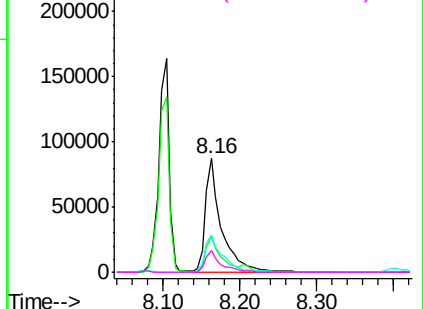
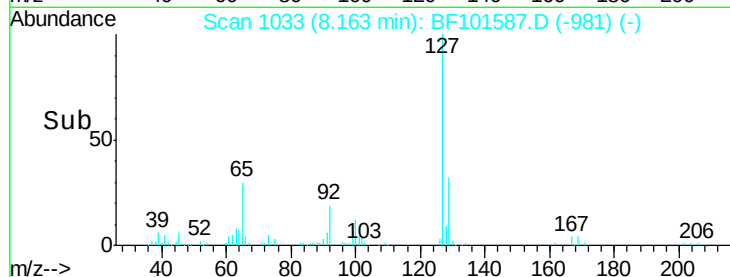
#33
4-Chloroaniline
Concen: 10.581 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

Instrument :
BNA_F
ClientSampleId :
PB105190BS

Tot Ion:	127	Resp:	127233
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	32.1	25.0	37.4
92	19.0	15.2	22.8

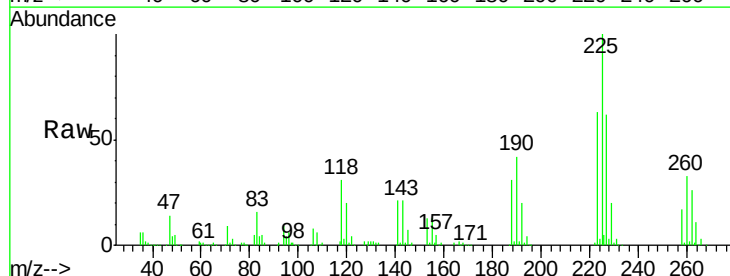


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

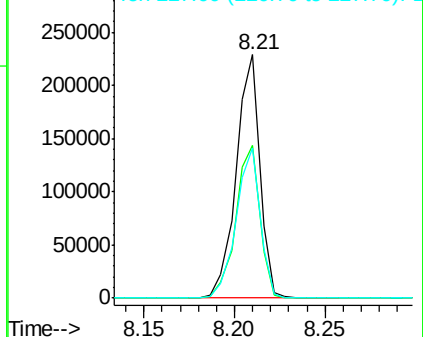
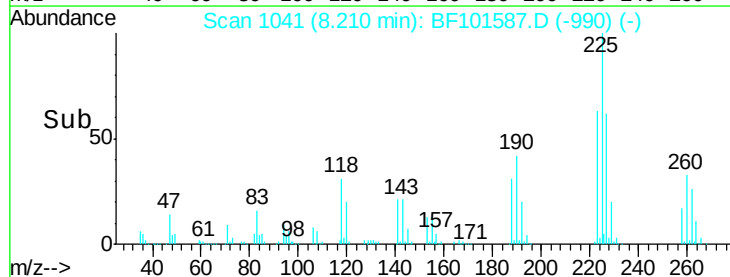


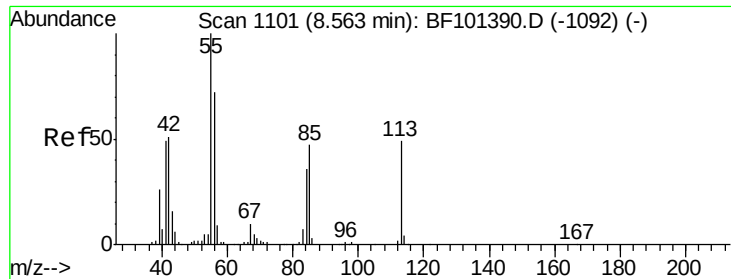
#34
Hexachlorobutadiene
Concen: 43.333 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

Tgt Ion:	225	Resp:	208379
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	61.6	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

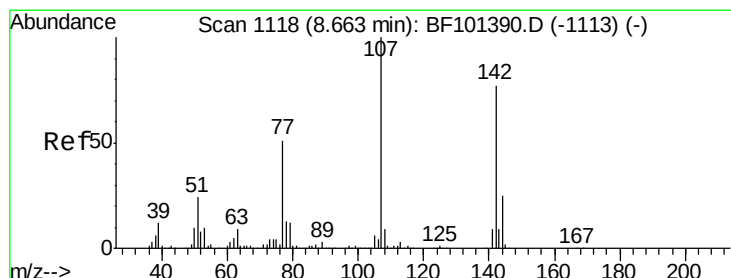
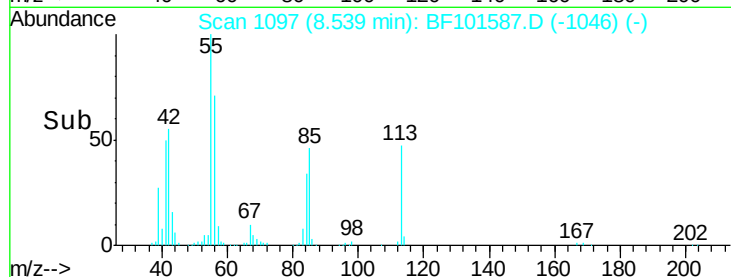
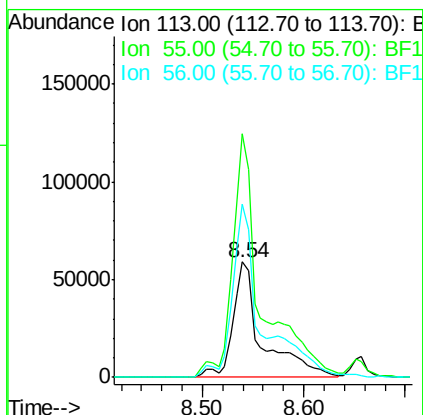
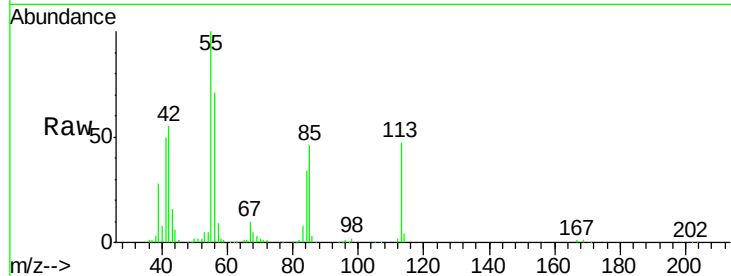




#35
 Caprolactam
 Concen: 43.302 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF101587.D
 Acq: 21 Dec 2017 4:19

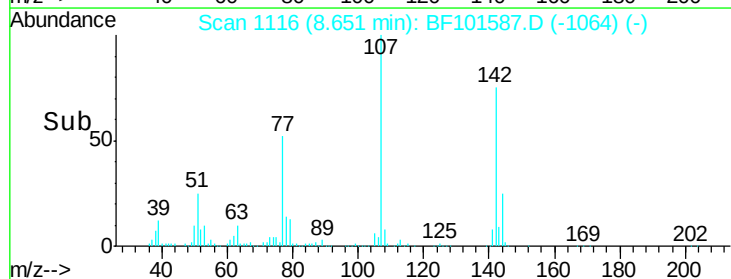
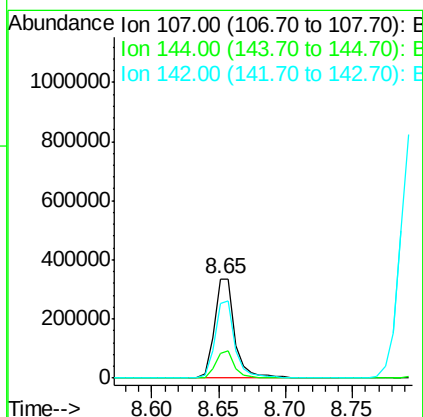
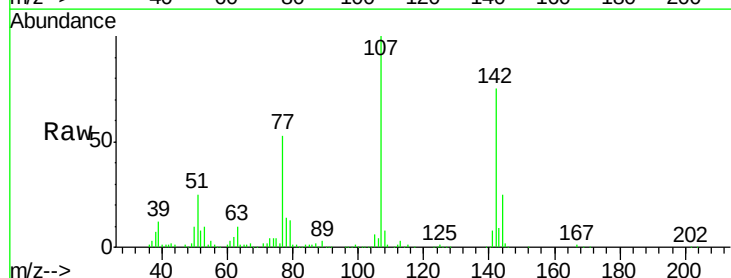
Instrument :
 BNA_F
 ClientSampleId :
 PB105190BS

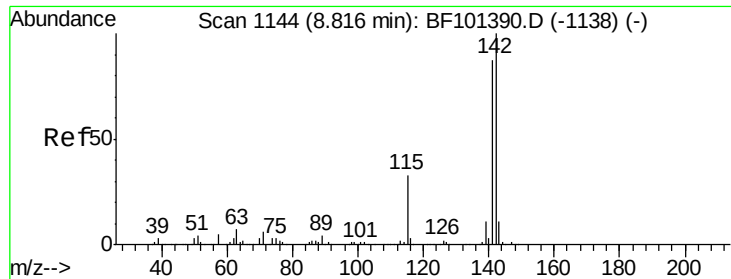
Tot Ion:113 Resp: 118461
 Ion Ratio Lower Upper
 113 100
 55 210.8 163.3 203.3#
 56 150.5 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.946 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF101587.D
 Acq: 21 Dec 2017 4:19

Tgt Ion:107 Resp: 363231
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.5 30.7
 142 75.2 62.0 93.0

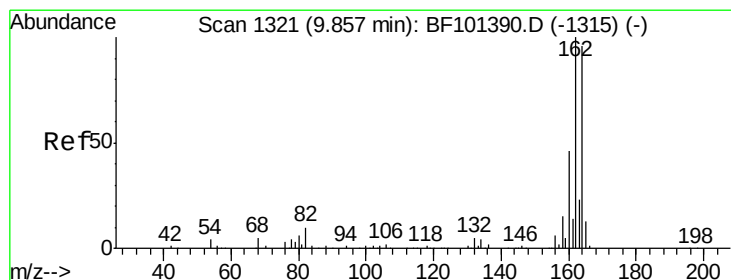
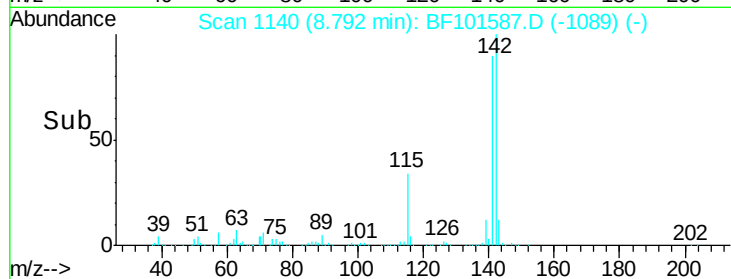
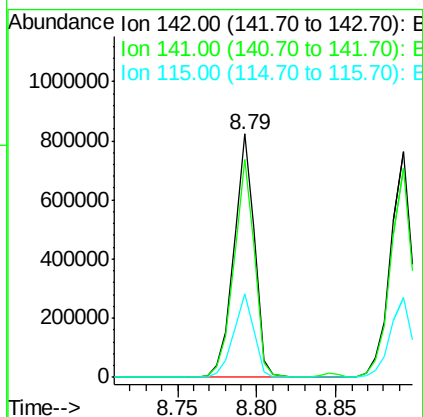
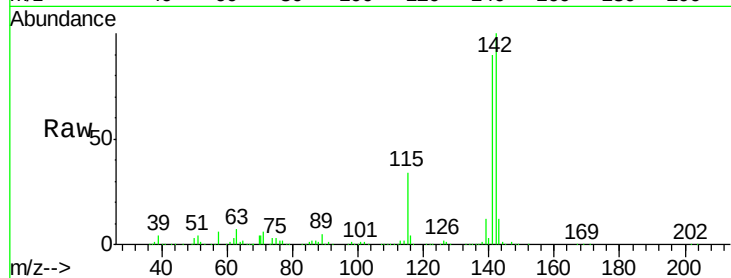




#37
2-Methylnaphthalene
Concen: 41.327 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

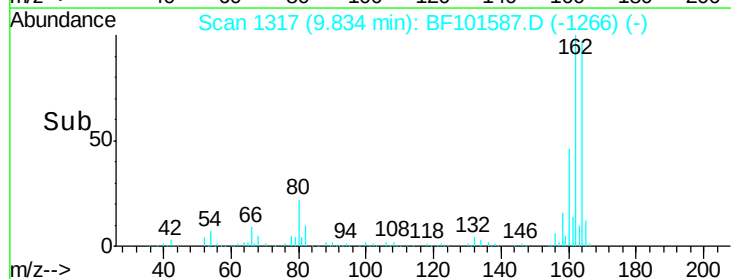
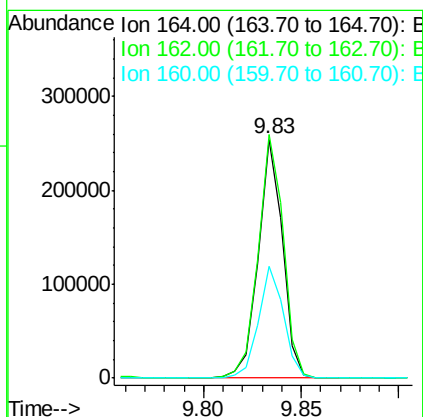
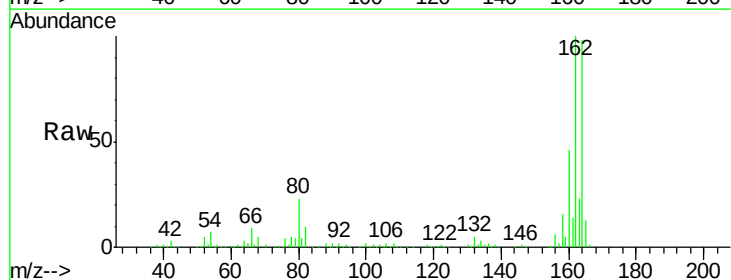
Instrument :
BNA_F
ClientSampleId :
PB105190BS

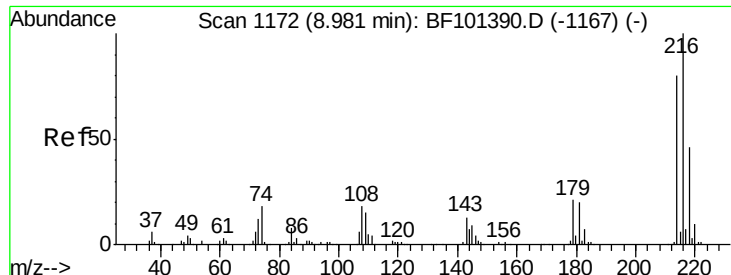
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	34.1	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	46.8	38.3	57.5

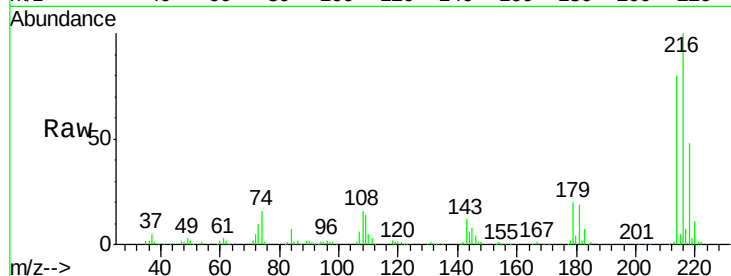




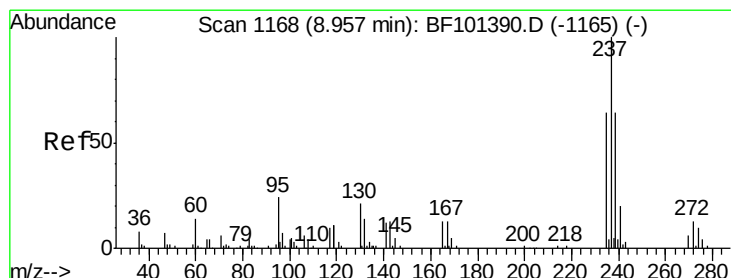
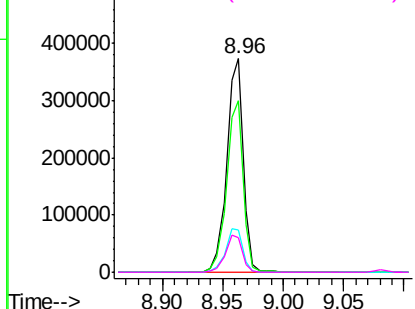
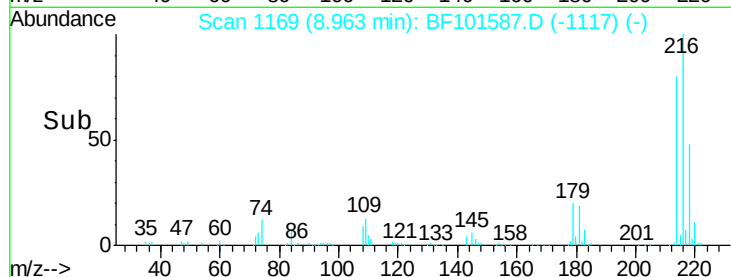
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.820 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BF101587.D
 Acq: 21 Dec 2017 4:19

Instrument :
 BNA_F
 ClientSampleId :
 PB105190BS

Tot Ion:216	Resp:	353727
Ion Ratio	Lower	Upper
216	100	
214	80.6	63.0 94.4
179	21.0	18.1 27.1
108	18.0	17.2 25.8

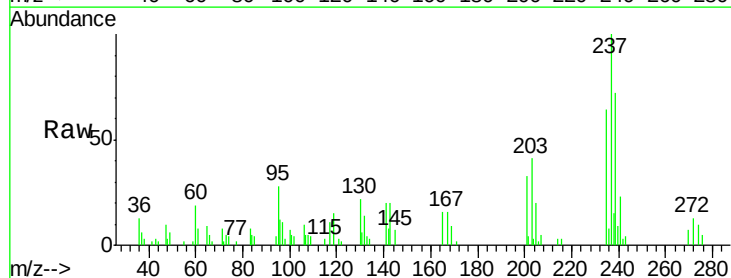


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

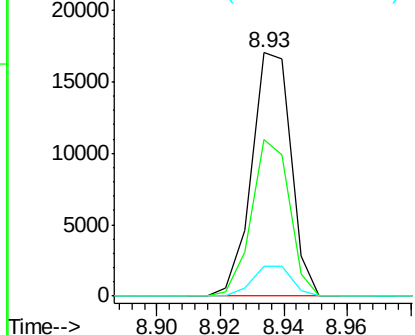
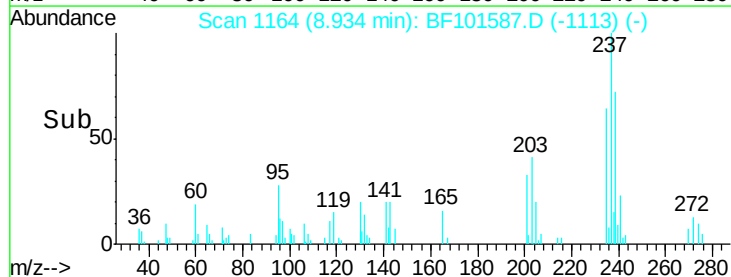


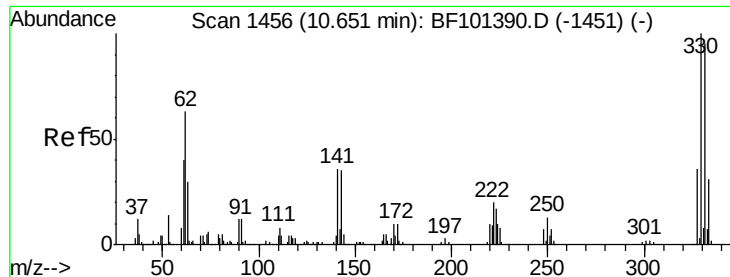
#40
 Hexachlorocyclopentadiene
 Concen: 23.591 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF101587.D
 Acq: 21 Dec 2017 4:19

Tgt Ion:237	Resp:	14664
Ion Ratio	Lower	Upper
237	100	
235	64.3	44.8 84.8
272	12.5	0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 86.320 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Instrument :

BNA_F

ClientSampleId :

PB105190BS

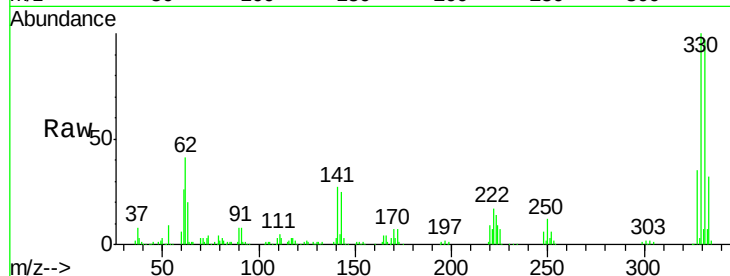
Tot Ion:330 Resp: 182232

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

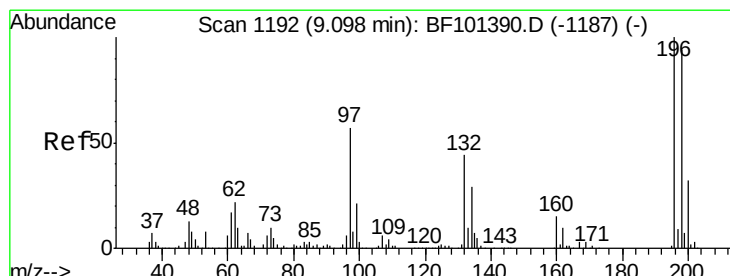
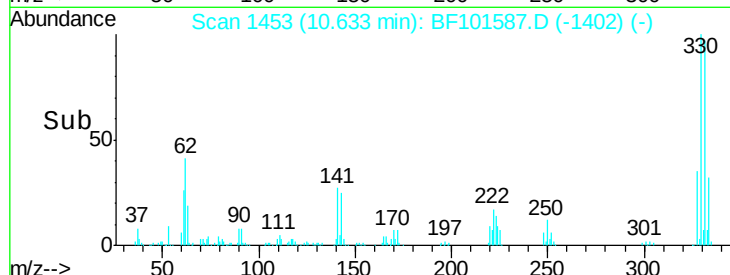
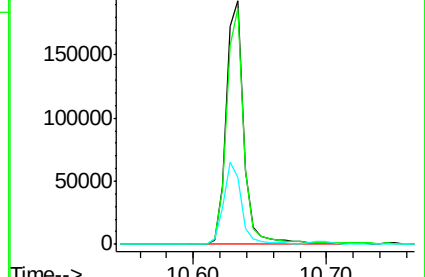
141 34.4 29.9 44.9



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: 48.993 ng

RT: 9.08 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

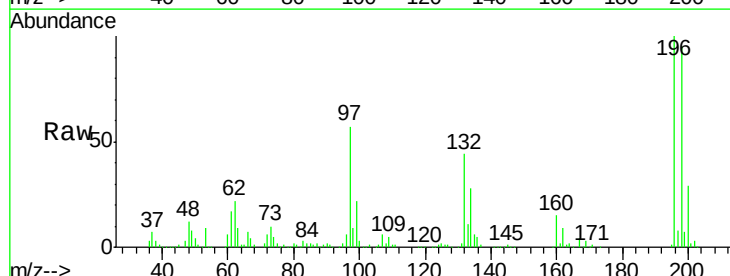
Tgt Ion:196 Resp: 218177

Ion Ratio Lower Upper

196 100

198 94.7 75.7 113.5

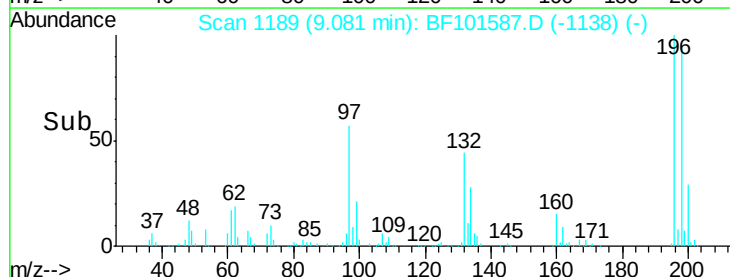
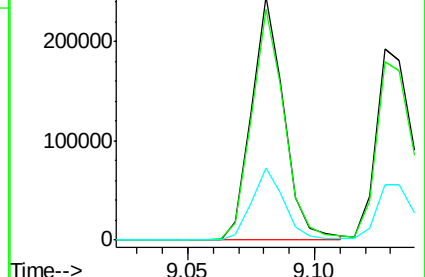
200 29.5 24.5 36.7

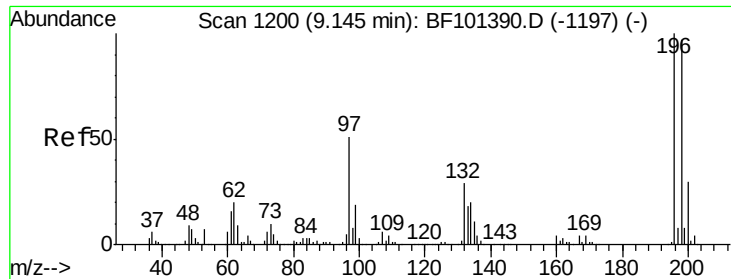


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

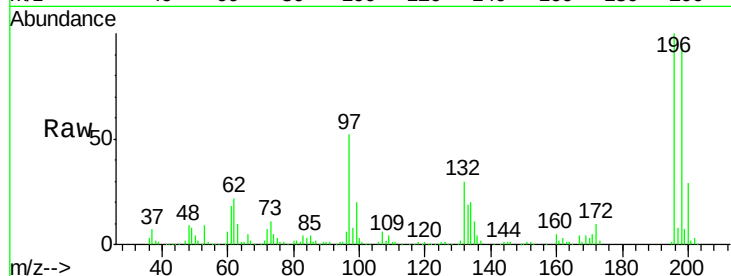




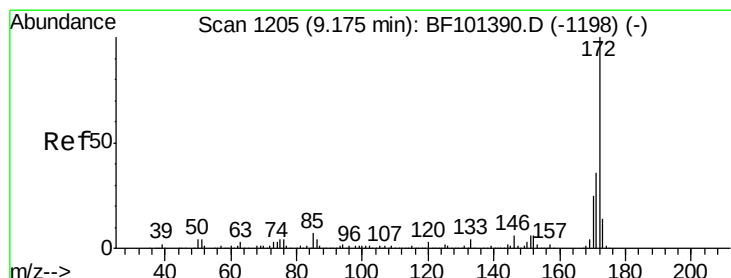
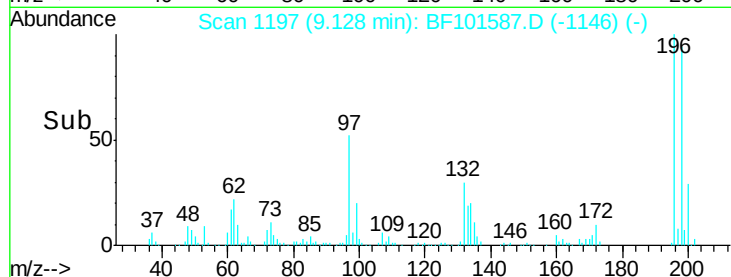
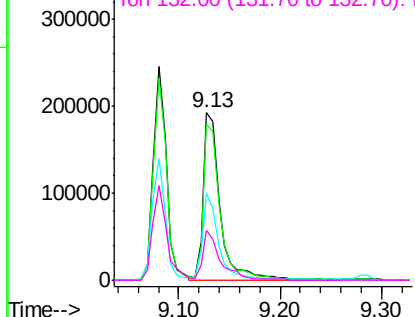
#43
 2,4,5-Trichlorophenol
 Concen: 45.699 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF101587.D
 Acq: 21 Dec 2017 4:19

Instrument :
 BNA_F
 ClientSampleId :
 PB105190BS

Tot Ion:196	Resp:	222831
Ion Ratio	Lower	Upper
196	100	
198	93.7	74.6 112.0
97	52.5	42.9 64.3
132	29.8	26.3 39.5

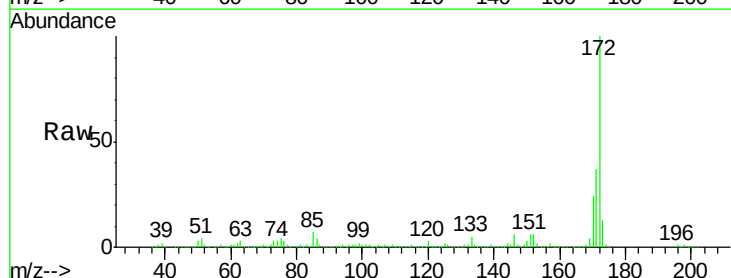


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

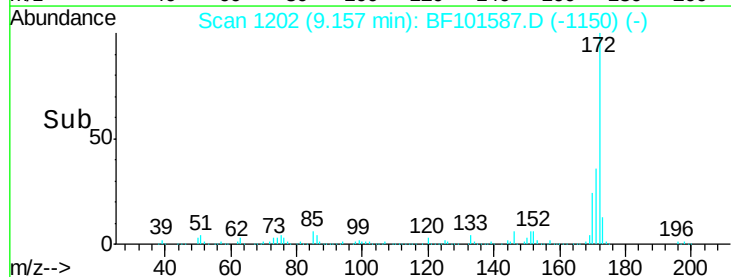
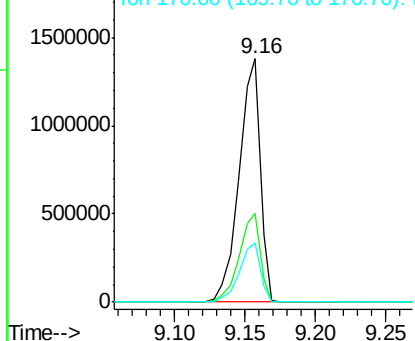


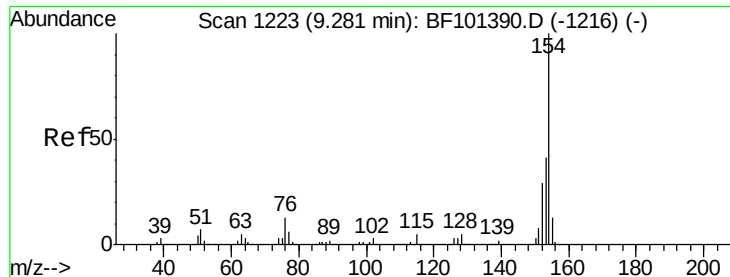
#44
 2-Fluorobiphenyl
 Concen: 102.067 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF101587.D
 Acq: 21 Dec 2017 4:19

Tgt Ion:172	Resp:	1441565
Ion Ratio	Lower	Upper
172	100	
171	36.6	29.7 44.5
170	24.5	19.6 29.4



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

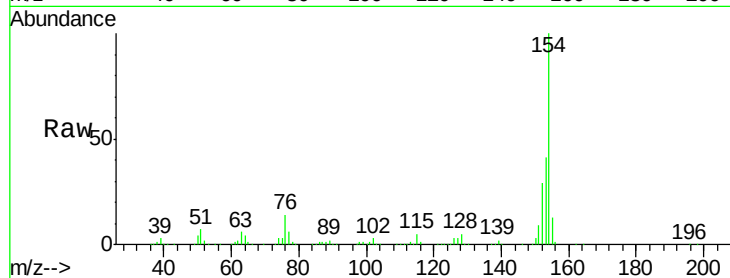




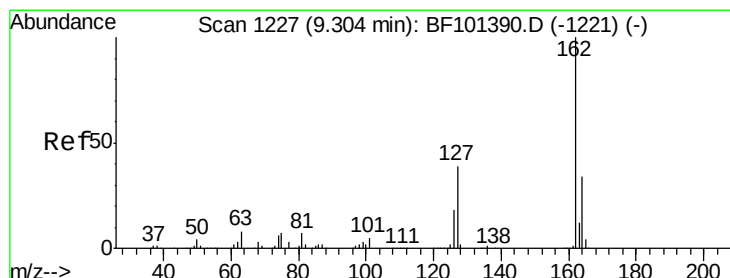
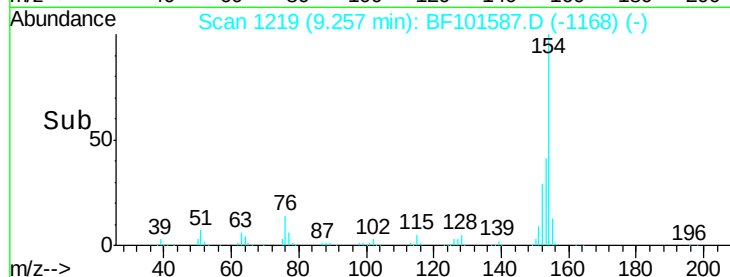
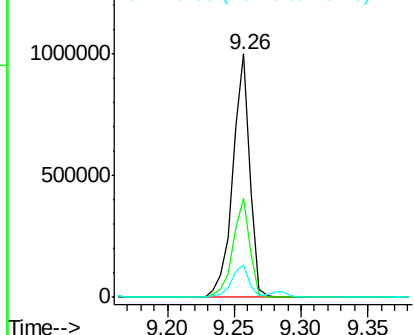
#45
 1,1'-Biphenyl
 Concen: 46.096 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF101587.D
 Acq: 21 Dec 2017 4:19

Instrument :
 BNA_F
 ClientSampleId :
 PB105190BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	13.6	0.0	34.0

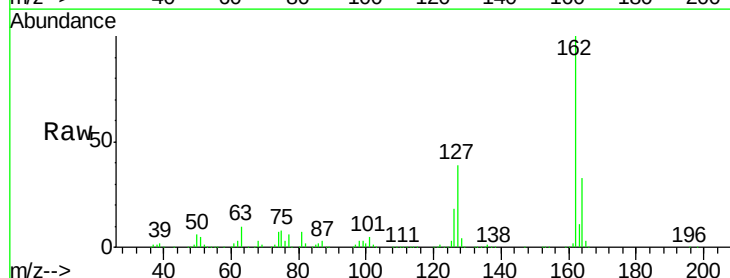


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

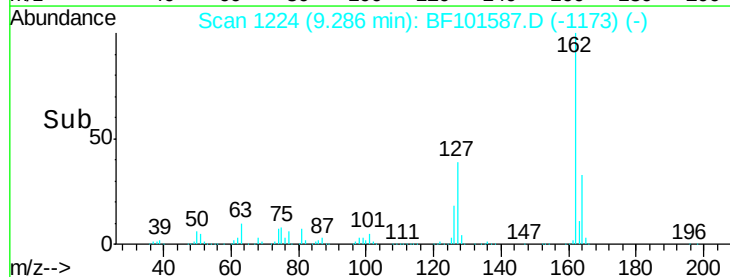
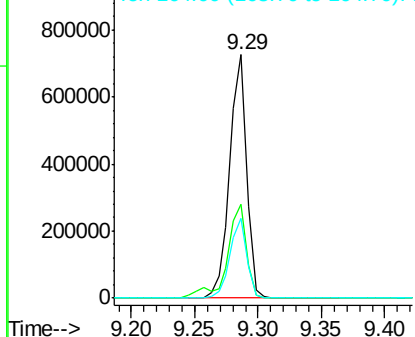


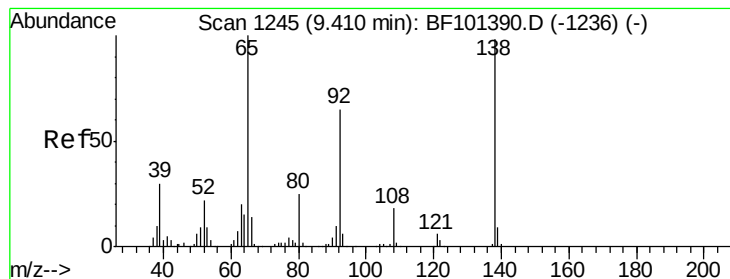
#46
 2-Chloronaphthalene
 Concen: 45.064 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF101587.D
 Acq: 21 Dec 2017 4:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	33.9	50.9
164	32.6	26.5	39.7



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





#47

2-Nitroaniline

Concen: 47.154 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Instrument :

BNA_F

ClientSampleId :

PB105190BS

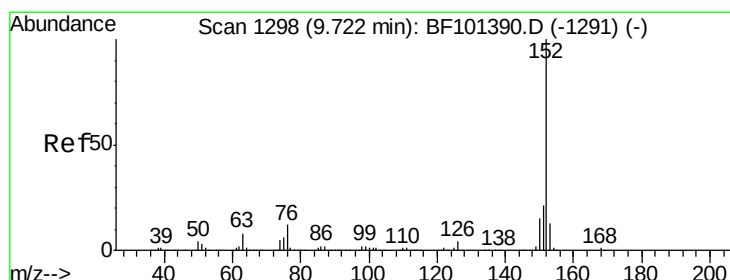
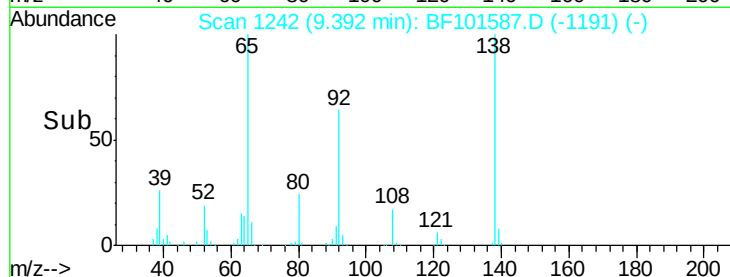
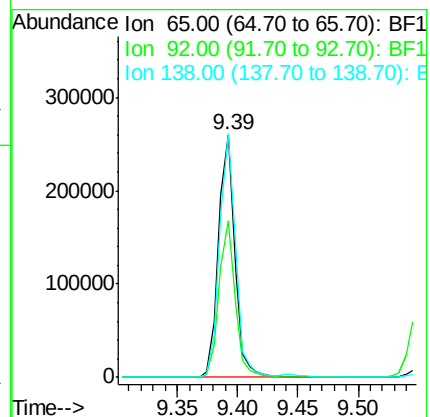
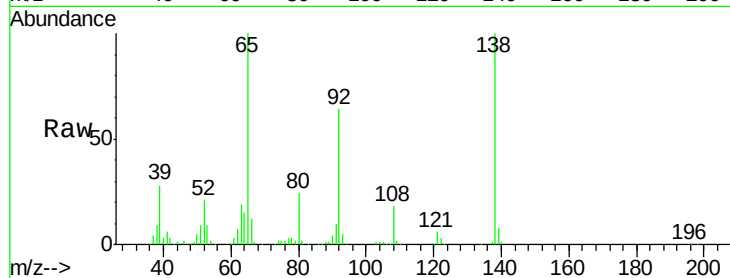
Tot Ion: 65 Resp: 242176

Ion Ratio Lower Upper

65 100

92 64.6 55.8 83.6

138 100.4 91.2 136.8



#48

Acenaphthylene

Concen: 40.633 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

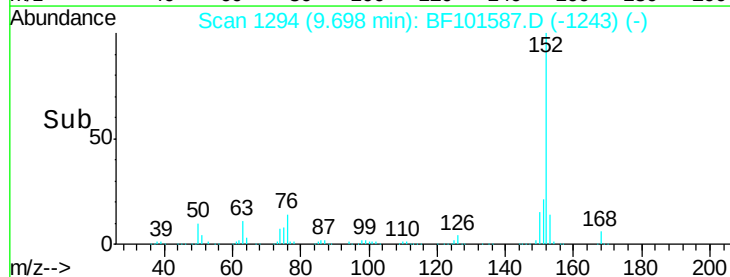
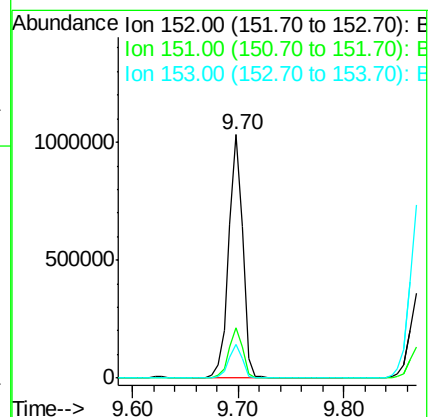
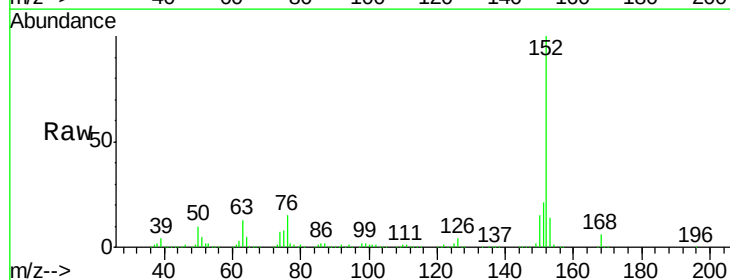
Tgt Ion: 152 Resp: 954154

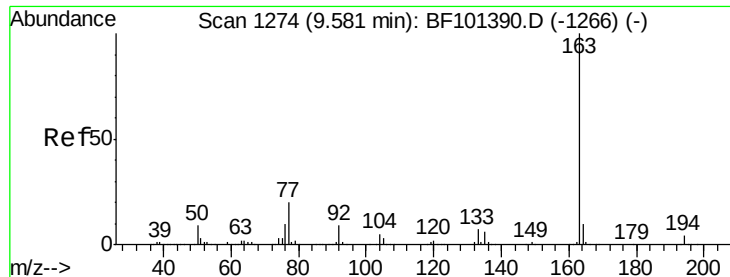
Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 13.8 10.7 16.1

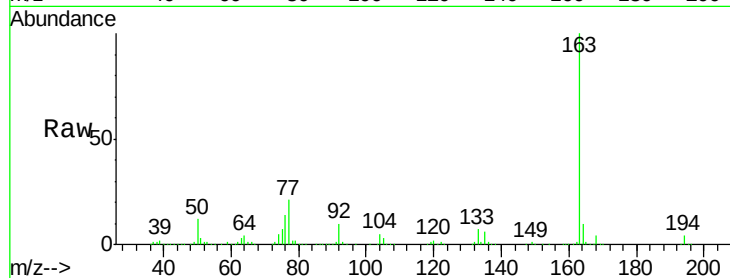




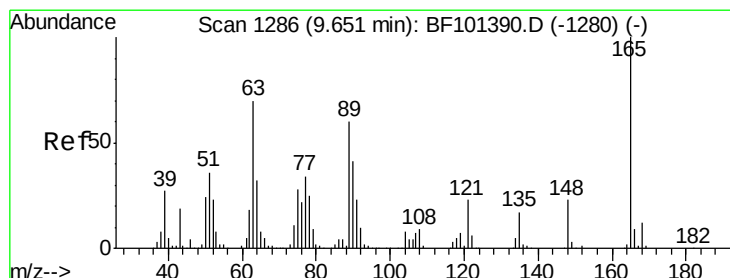
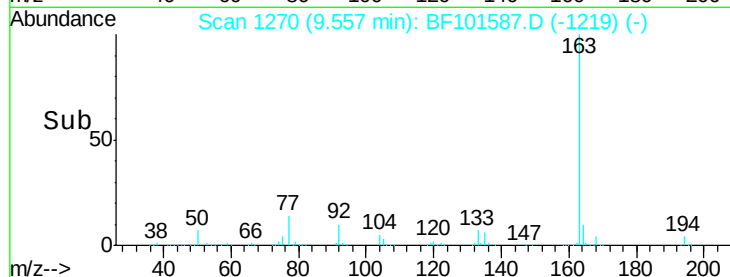
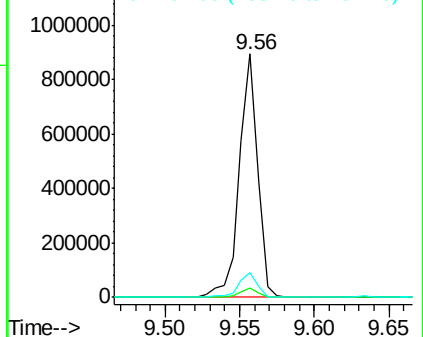
#49
Dimethylphthalate
Concen: 43.670 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

Instrument :
BNA_F
ClientSampleId :
PB105190BS

Tot Ion:163 Resp: 769588
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.3 8.2 12.2

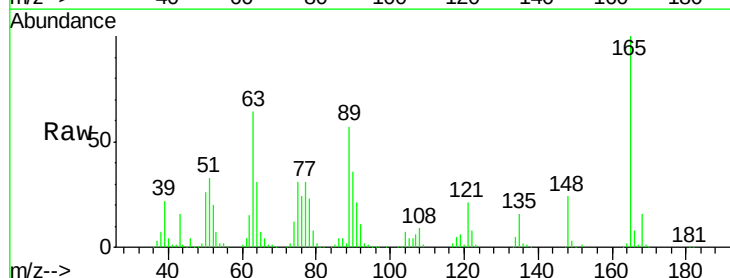


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

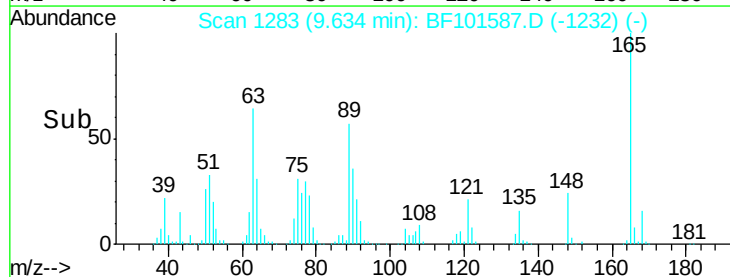
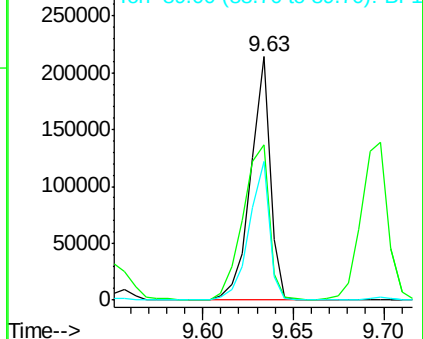


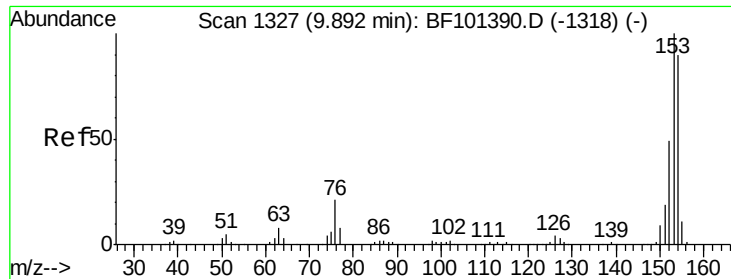
#50
2,6-Dinitrotoluene
Concen: 45.019 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

Tgt Ion:165 Resp: 161245
Ion Ratio Lower Upper
165 100
63 63.8 44.7 67.1
89 56.7 44.0 66.0



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





#51

Acenaphthene

Concen: 40.756 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Instrument :

BNA_F

ClientSampleId :

PB105190BS

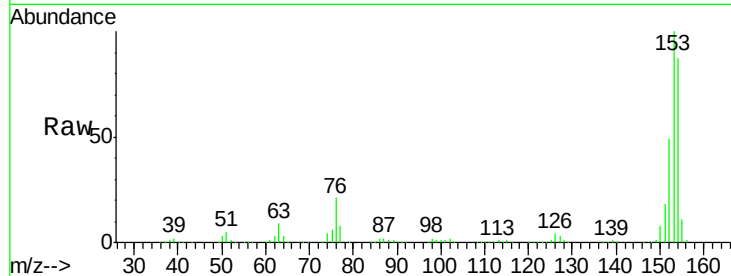
Tot Ion:154 Resp: 574996

Ion Ratio Lower Upper

154 100

153 114.9 91.2 136.8

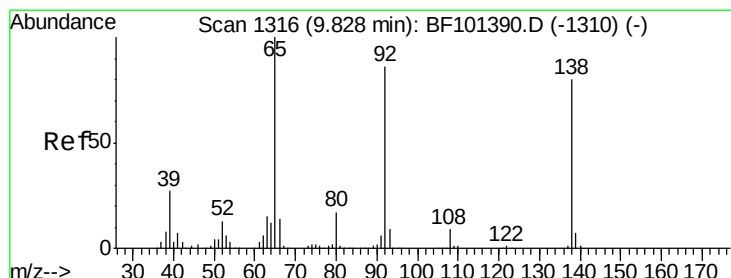
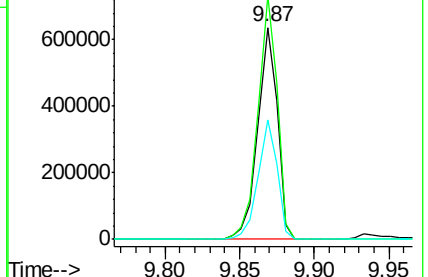
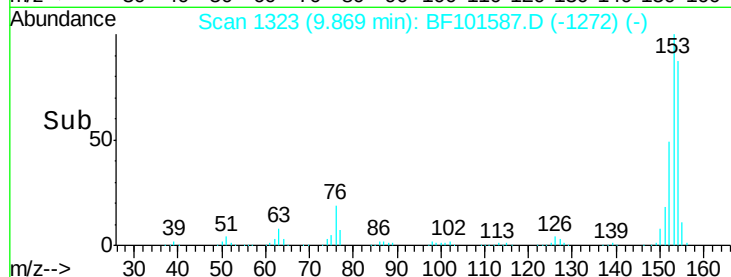
152 56.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.470 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

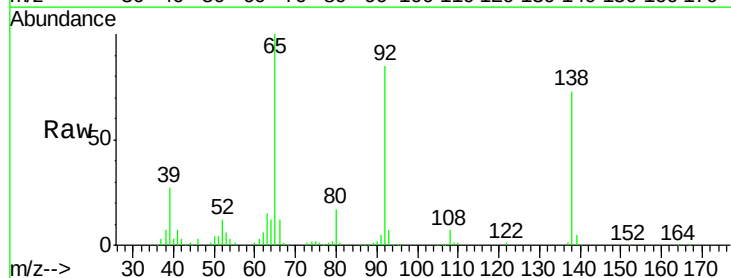
Tgt Ion:138 Resp: 113738

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

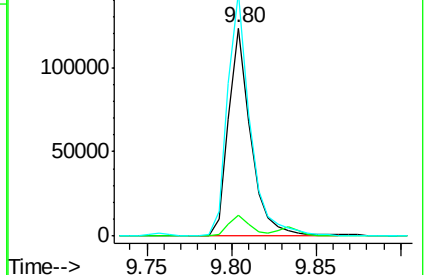
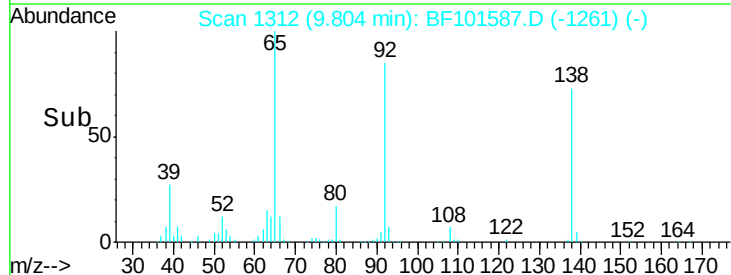
92 116.9 89.4 134.2

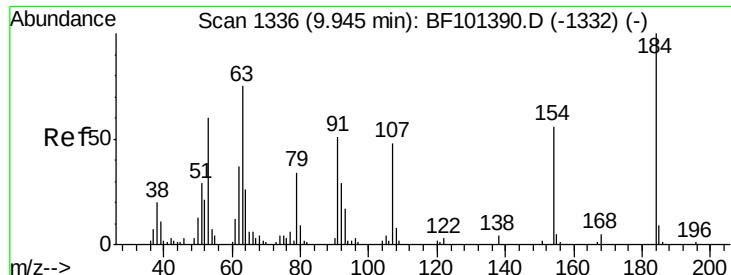


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

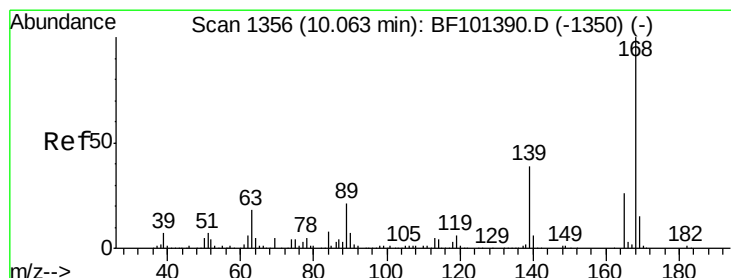
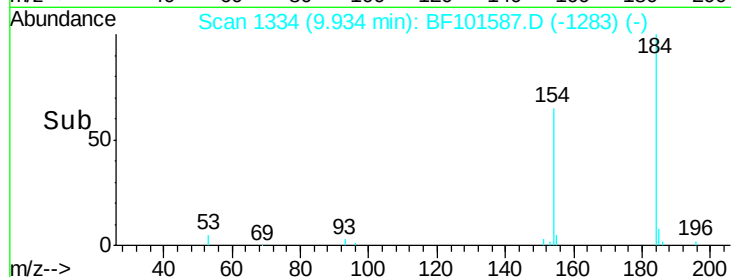
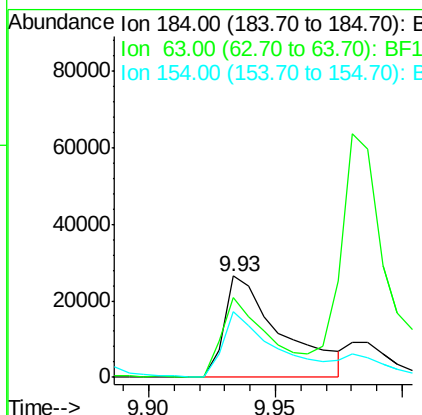
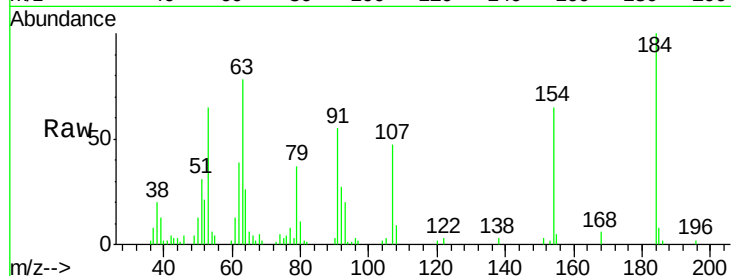




#53
 2,4-Dinitrophenol
 Concen: 39.152 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF101587.D
 Acq: 21 Dec 2017 4:19

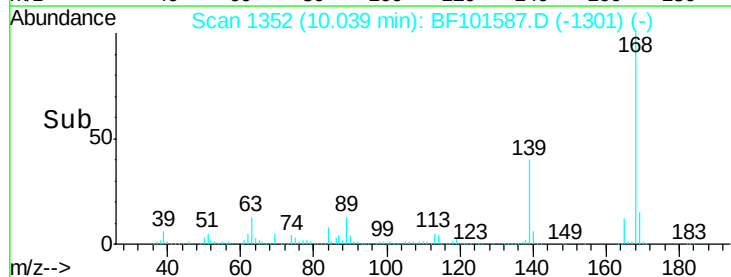
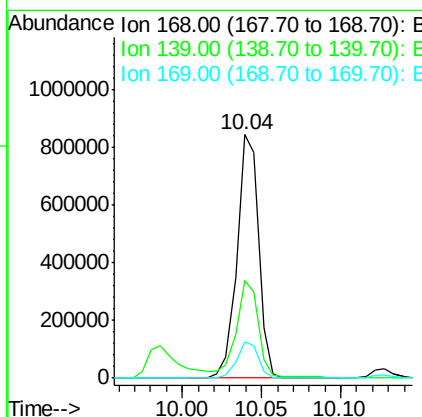
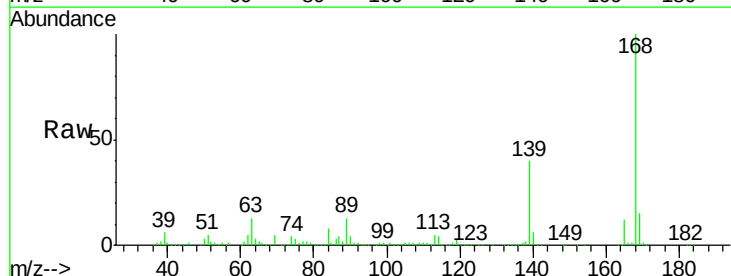
Instrument :
 BNA_F
 ClientSampleId :
 PB105190BS

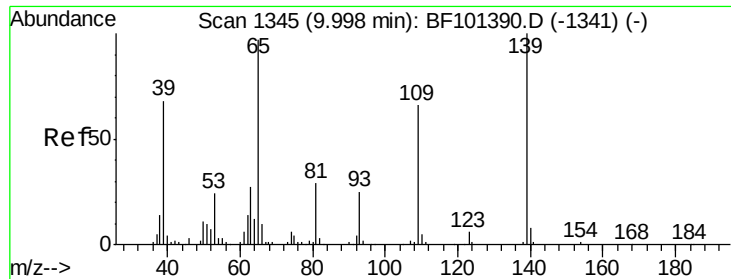
Tot Ion:184 Resp: 41294
 Ion Ratio Lower Upper
 184 100
 63 78.3 54.2 81.2
 154 64.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 44.649 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. 0.00 min
 Lab File: BF101587.D
 Acq: 21 Dec 2017 4:19

Tgt Ion:168 Resp: 800518
 Ion Ratio Lower Upper
 168 100
 139 39.9 30.1 45.1
 169 14.8 10.9 16.3

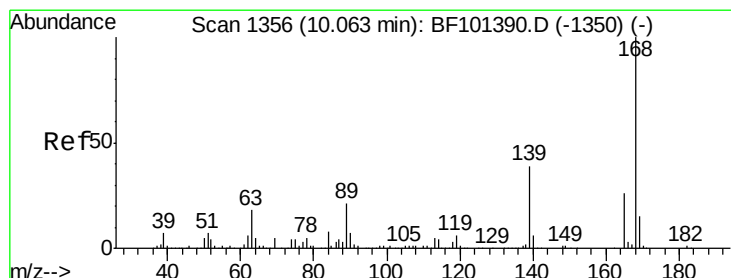
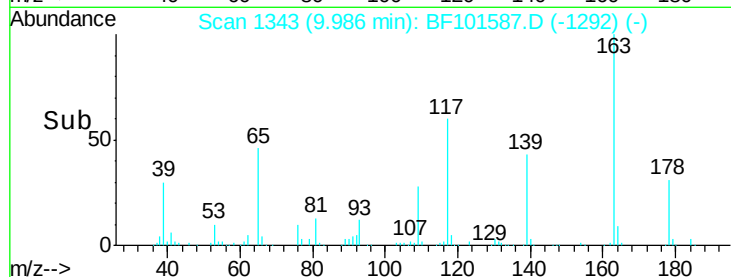
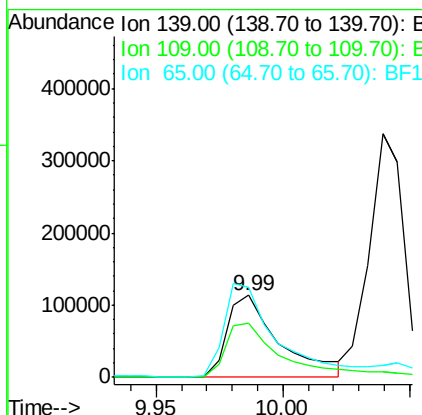
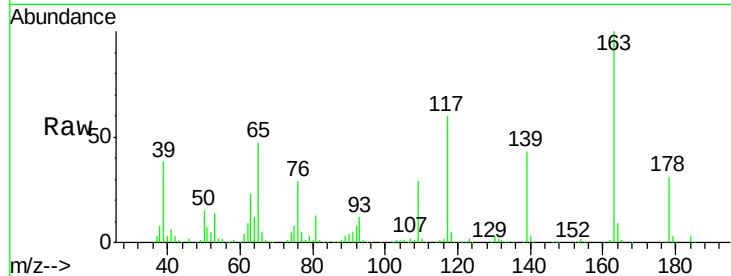




#55
4-Nitrophenol
Concen: 83.515 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

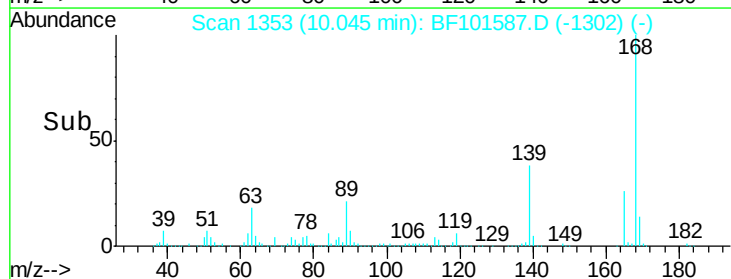
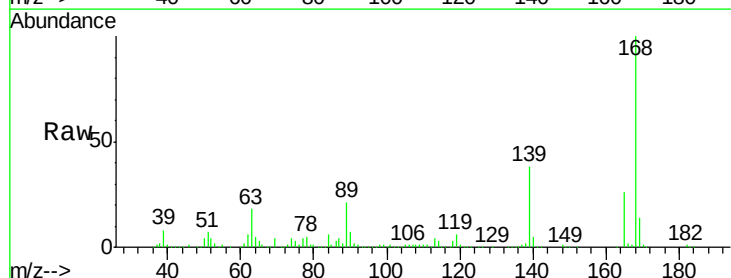
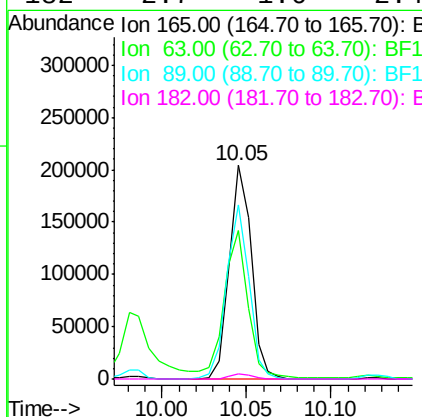
Instrument :
BNA_F
ClientSampleId :
PB105190BS

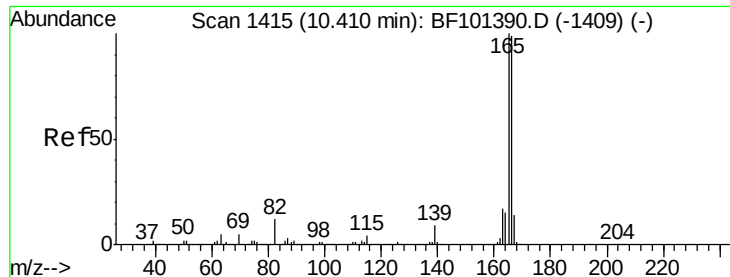
Tot Ion:139 Resp: 162619
Ion Ratio Lower Upper
139 100
109 66.5 48.4 88.4
65 109.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 45.802 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

Tgt Ion:165 Resp: 184831
Ion Ratio Lower Upper
165 100
63 69.6 36.4 54.6#
89 81.7 57.8 86.6
182 2.7 1.6 2.4#





#57

Fluorene

Concen: 41.856 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Instrument :

BNA_F

ClientSampleId :

PB105190BS

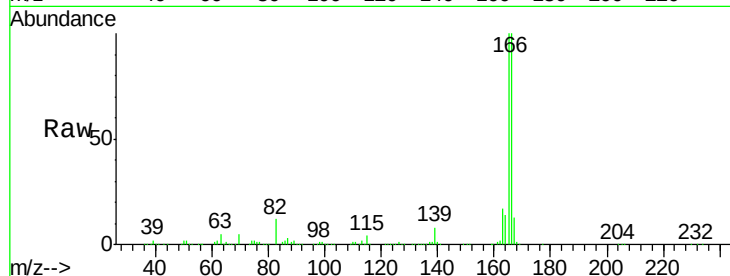
Tot Ion:166 Resp: 634835

Ion Ratio Lower Upper

166 100

165 100.1 79.8 119.8

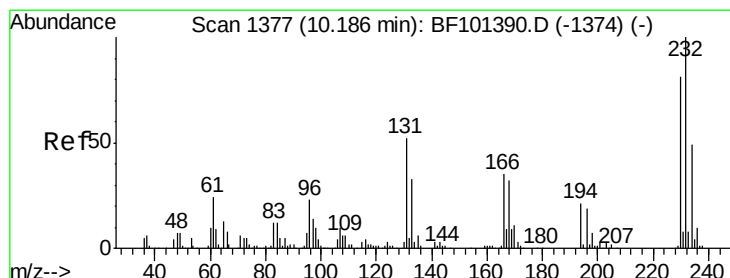
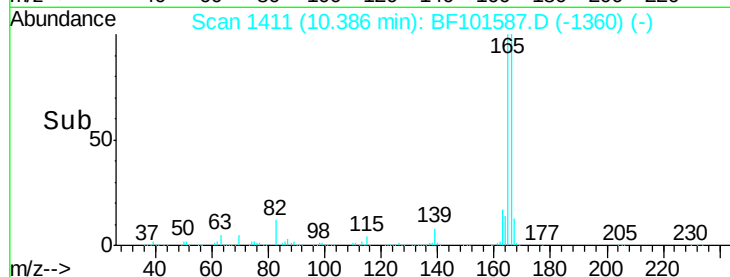
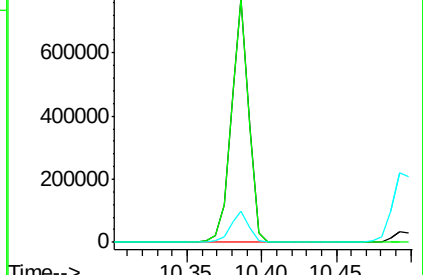
167 13.1 10.6 16.0



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: 45.940 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Tgt Ion:232 Resp: 160940

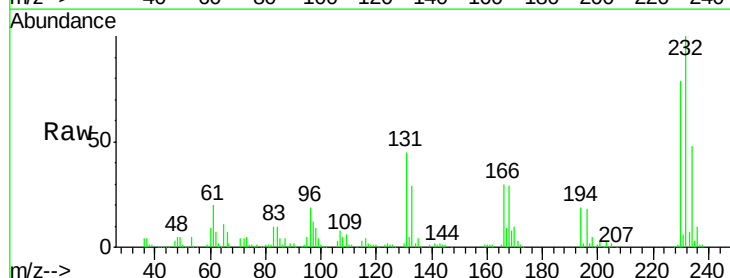
Ion Ratio Lower Upper

232 100

131 45.3 43.8 65.8

130 2.2 2.1 3.1

166 29.4 27.8 41.6

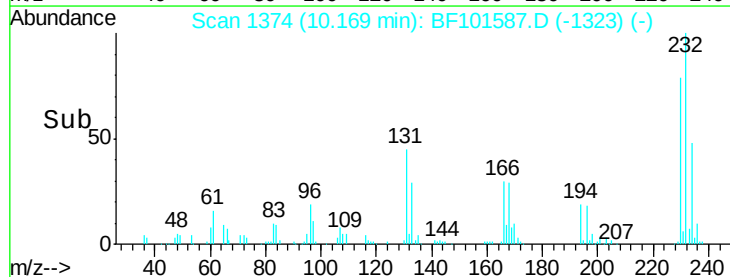
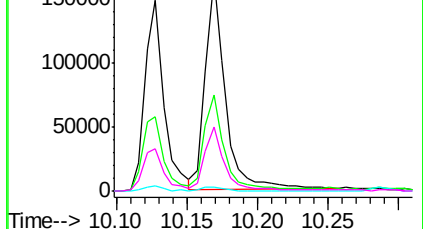


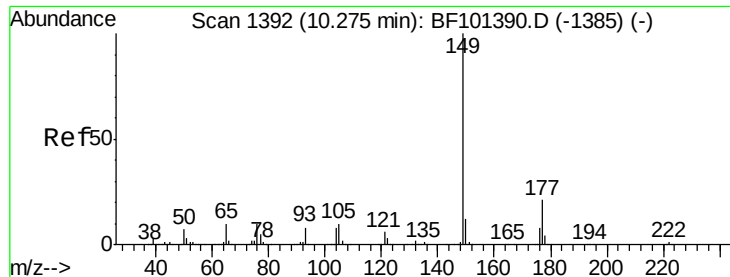
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.913 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Instrument :

BNA_F

ClientSampled :

PB105190BS

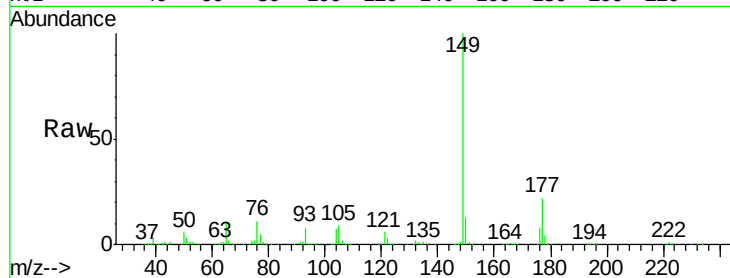
Tot Ion:149 Resp: 748907

Ion Ratio Lower Upper

149 100

177 22.0 16.1 24.1

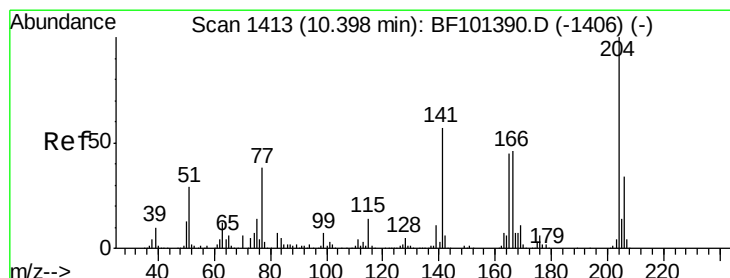
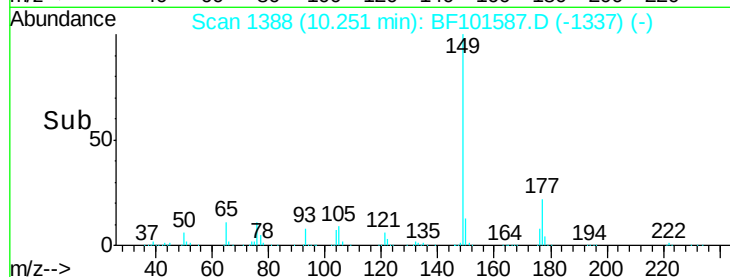
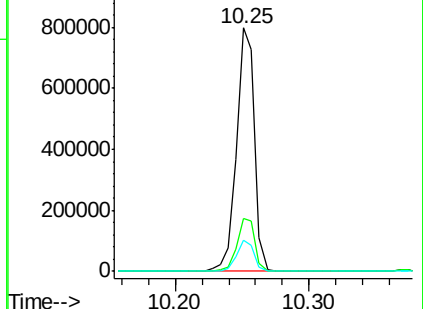
150 12.8 10.1 15.1



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: 43.990 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

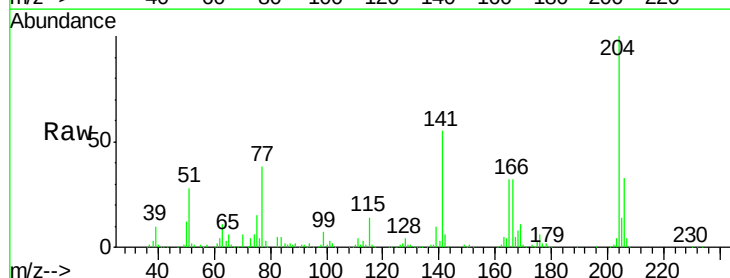
Tgt Ion:204 Resp: 319759

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

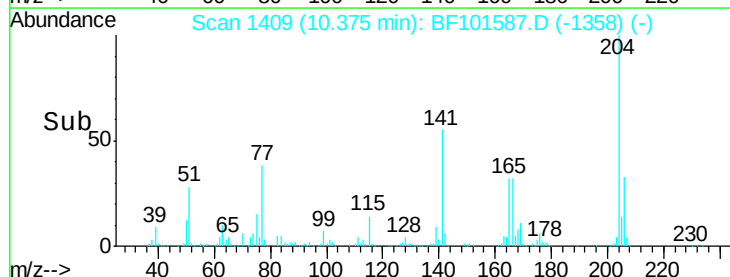
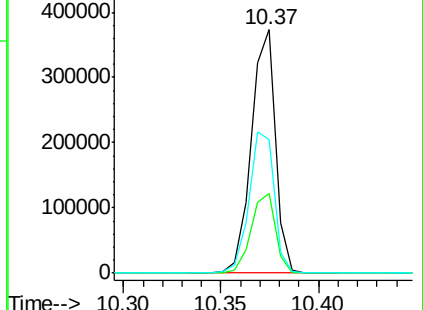
141 54.8 54.6 81.8

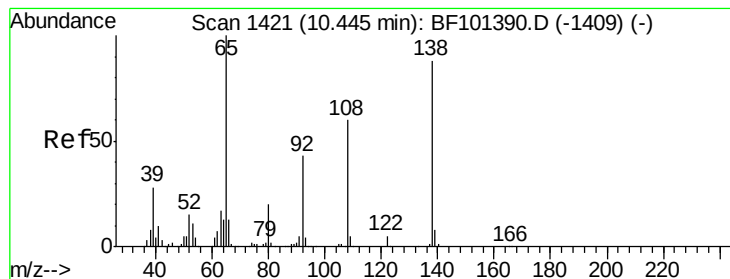


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.018 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Instrument :

BNA_F

ClientSampleId :

PB105190BS

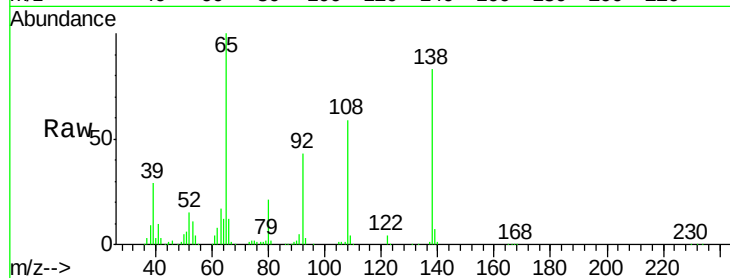
Tot Ion:138 Resp: 143716

Ion Ratio Lower Upper

138 100

92 51.8 30.2 70.2

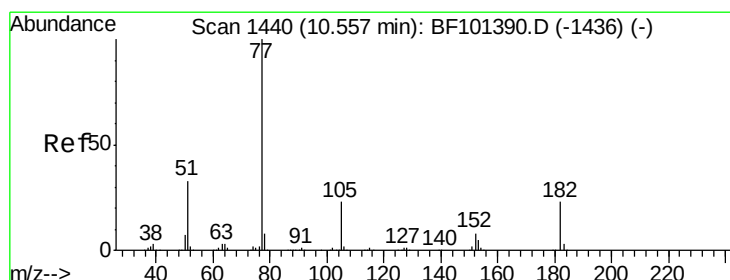
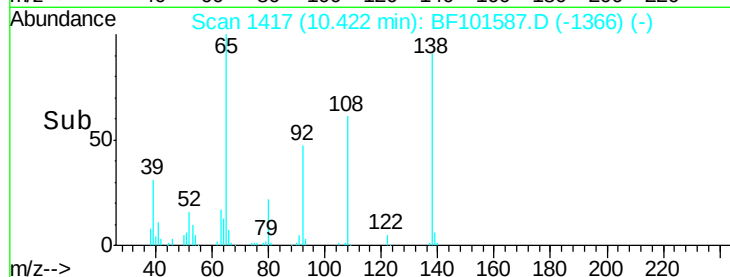
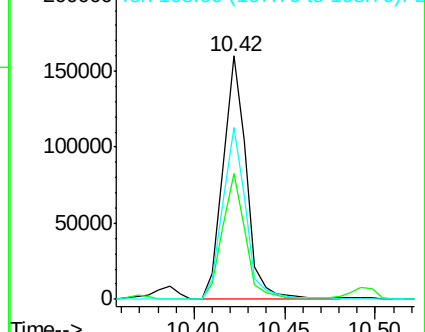
108 70.8 52.5 92.5



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: 41.049 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Tgt Ion: 77 Resp: 742097

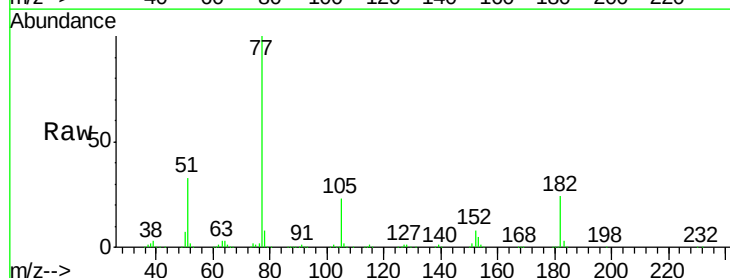
Ion Ratio Lower Upper

77 100

182 23.6 1.7 41.7

105 23.4 3.0 43.0

51 32.6 9.9 49.9

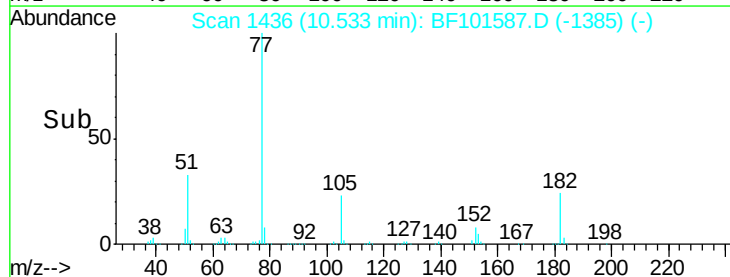
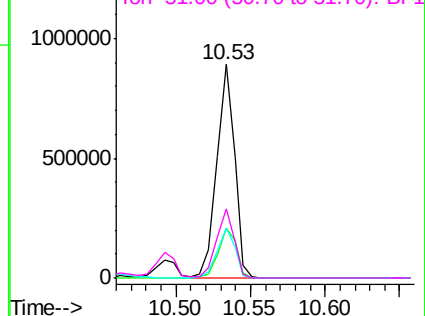


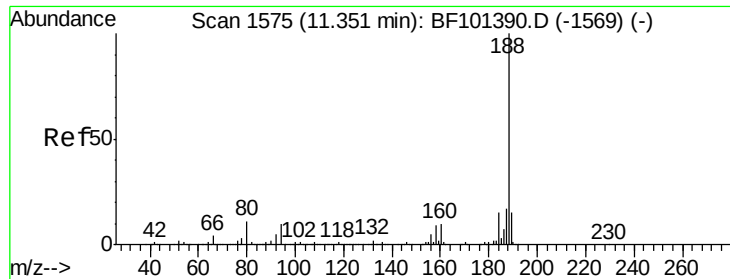
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

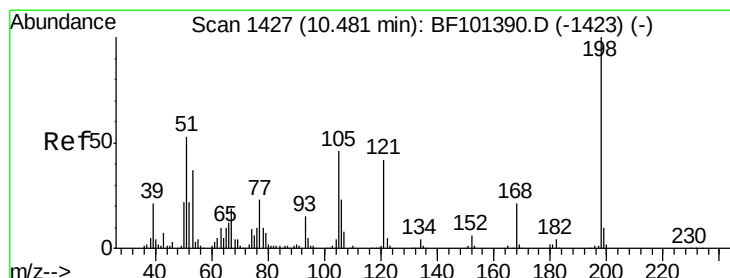
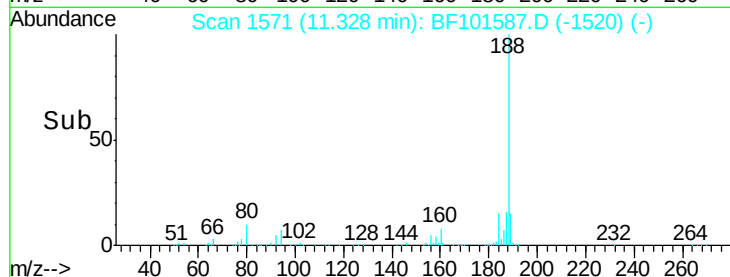
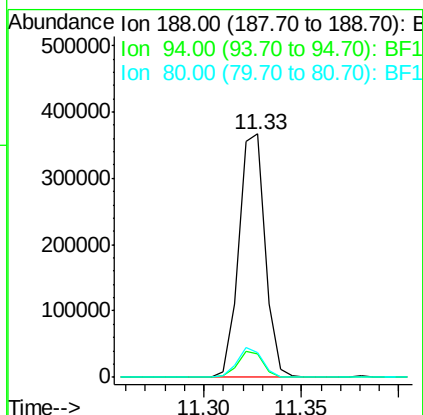
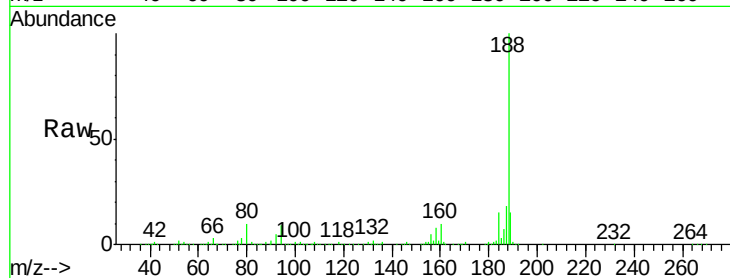




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

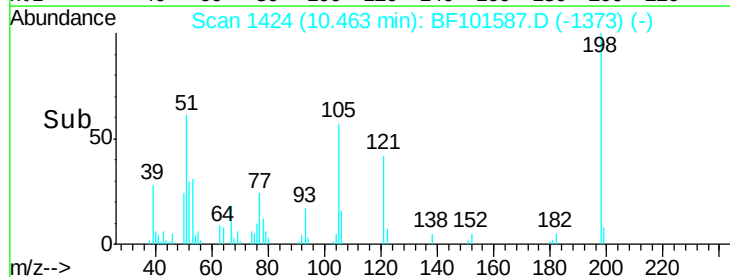
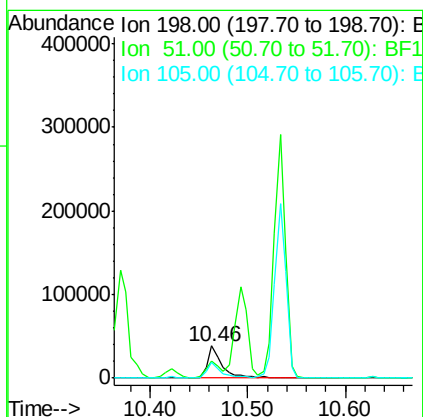
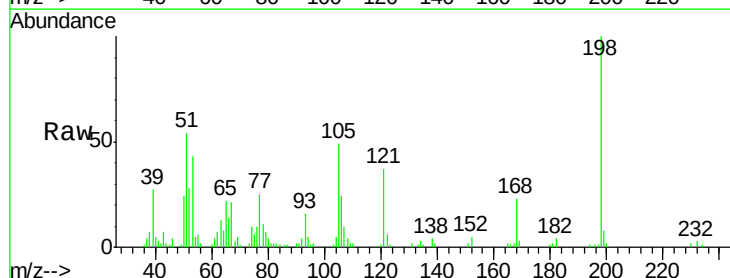
Instrument :
BNA_F
ClientSampleId :
PB105190BS

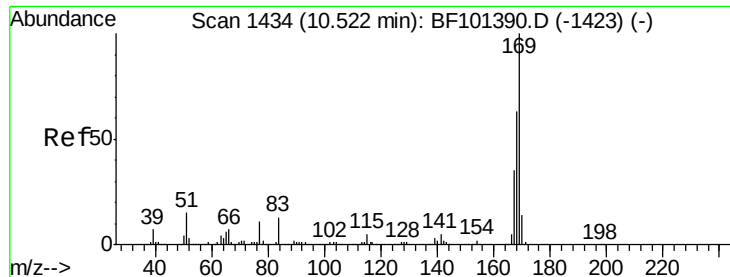
Tot Ion:188 Resp: 342529
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 23.133 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

Tgt Ion:198 Resp: 40436
Ion Ratio Lower Upper
198 100
51 54.0 37.7 77.7
105 48.8 36.3 76.3

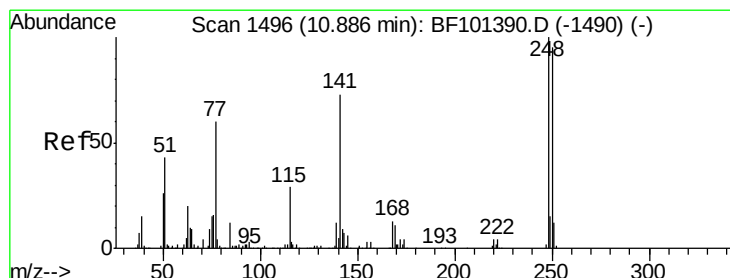
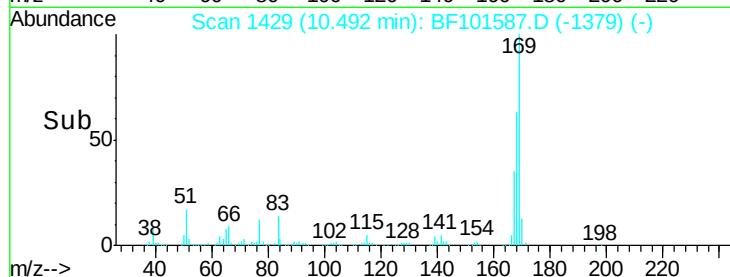
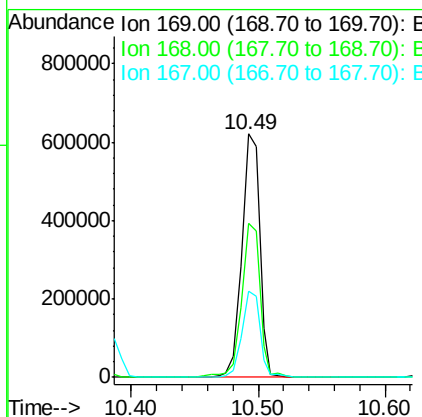
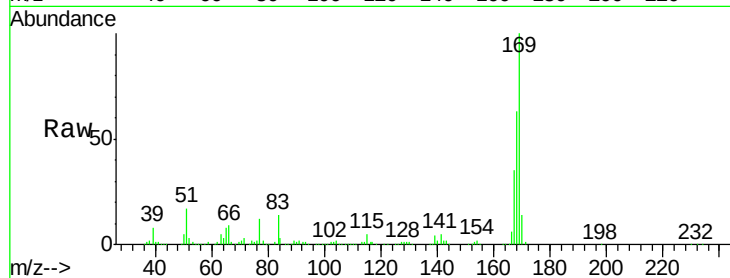




#65
n-Nitrosodiphenylamine
Concen: 47.463 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

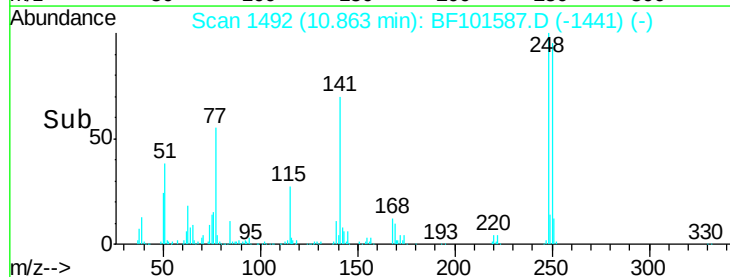
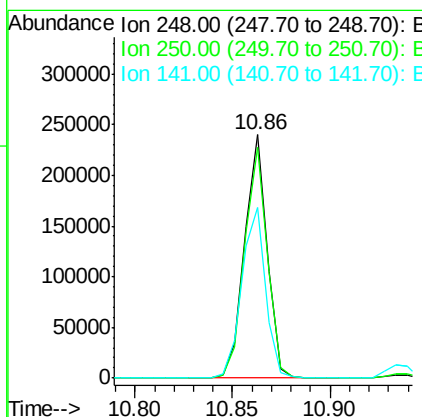
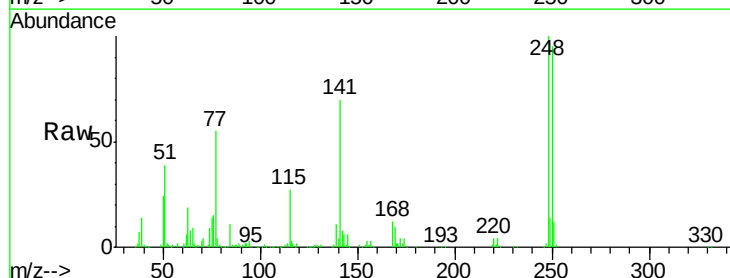
Instrument :
BNA_F
ClientSampleId :
PB105190BS

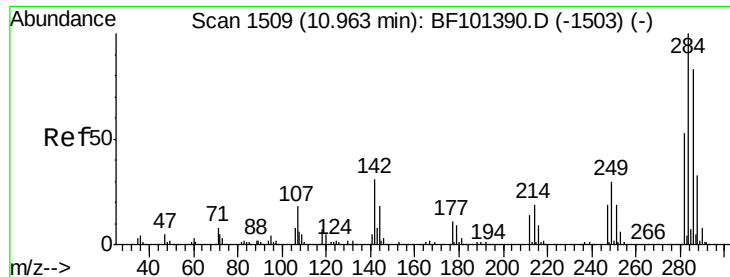
Tot Ion:169 Resp: 600295
Ion Ratio Lower Upper
169 100
168 63.2 54.4 81.6
167 35.2 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 50.033 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

Tgt Ion:248 Resp: 192565
Ion Ratio Lower Upper
248 100
250 94.9 76.9 115.3
141 70.2 74.4 111.6#





#67

Hexachlorobenzene

Concen: 44.847 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Instrument :

BNA_F

ClientSampleId :

PB105190BS

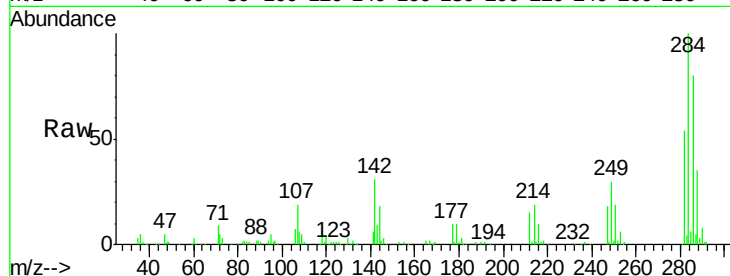
Tot Ion:284 Resp: 182679

Ion Ratio Lower Upper

284 100

142 31.1 34.6 52.0#

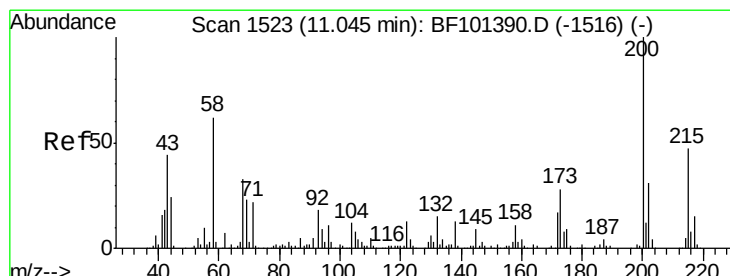
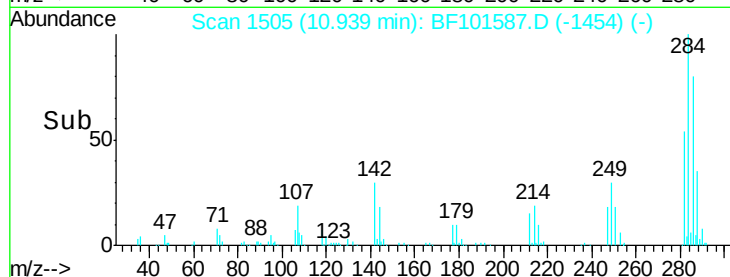
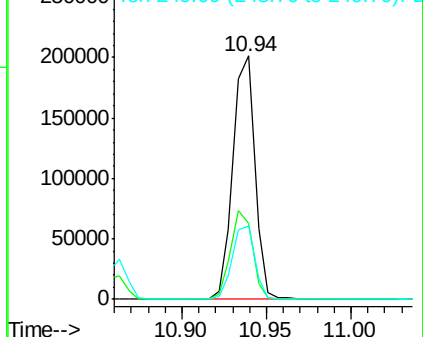
249 30.0 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 49.895 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

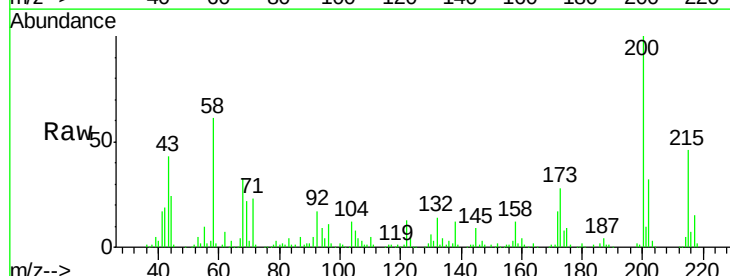
Tgt Ion:200 Resp: 188167

Ion Ratio Lower Upper

200 100

173 27.7 8.6 48.6

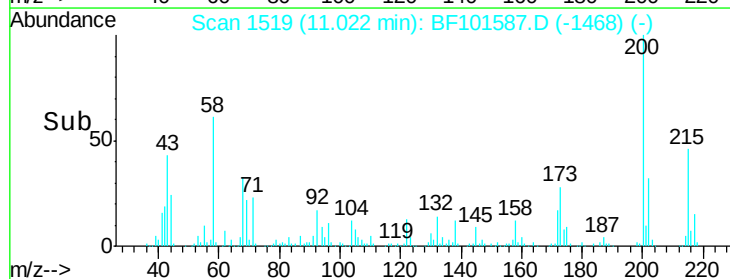
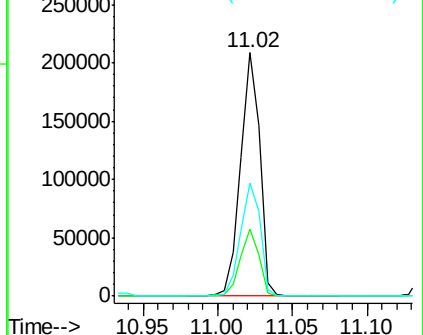
215 46.5 25.1 65.1

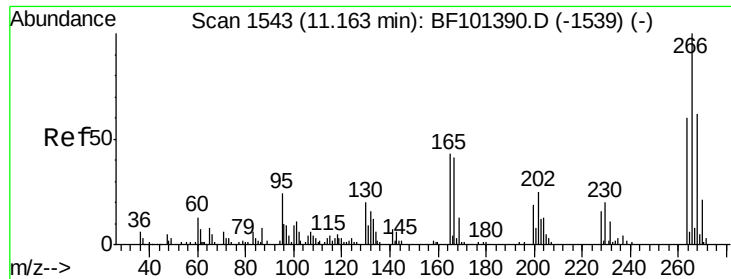


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

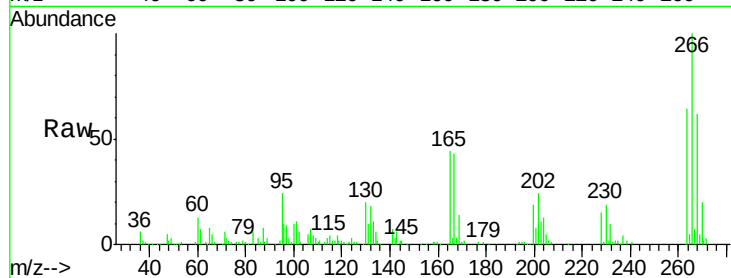




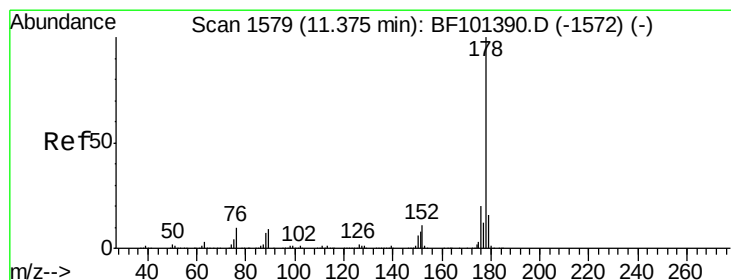
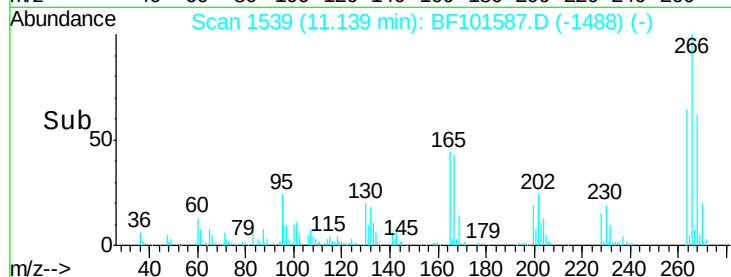
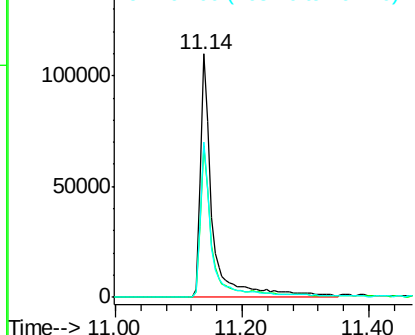
#69
 Pentachlorophenol
 Concen: 91.769 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF101587.D
 Acq: 21 Dec 2017 4:19

Instrument :
 BNA_F
 ClientSampleId :
 PB105190BS

Tot Ion:266 Resp: 147031
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.1 76.7
 264 63.8 49.5 74.3

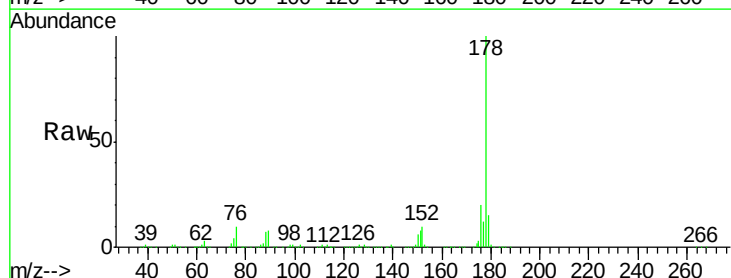


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

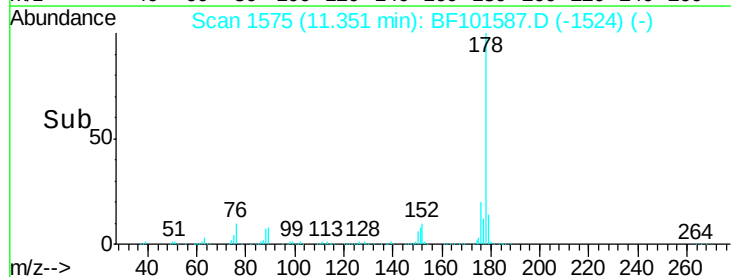
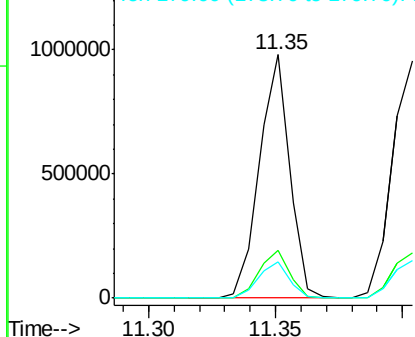


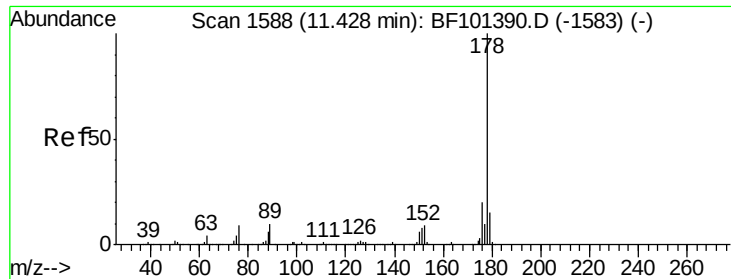
#70
 Phenanthrene
 Concen: 43.060 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF101587.D
 Acq: 21 Dec 2017 4:19

Tgt Ion:178 Resp: 820236
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.1 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

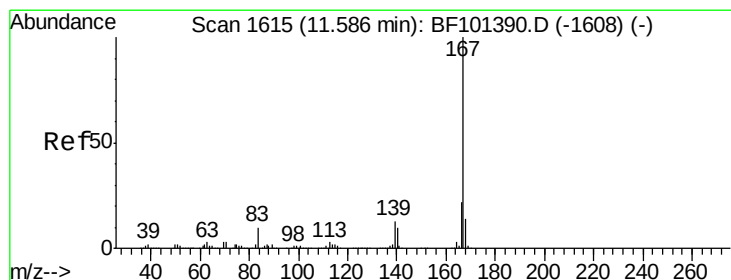
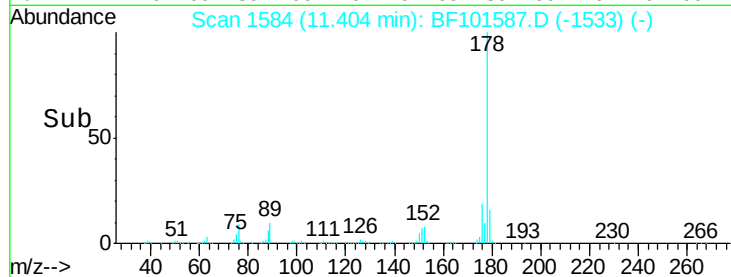
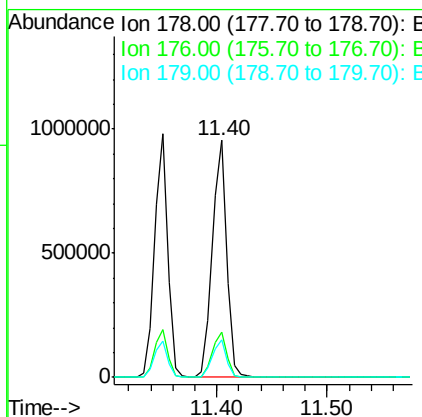
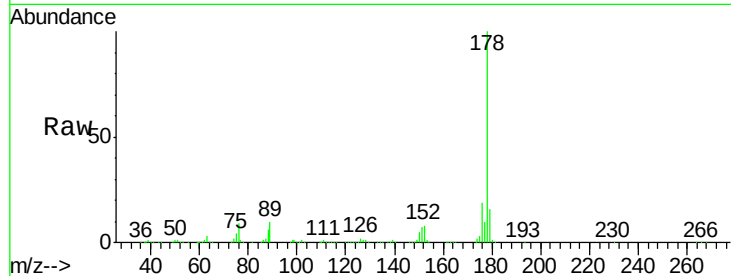




#71
 Anthracene
 Concen: 43.456 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF101587.D
 Acq: 21 Dec 2017 4:19

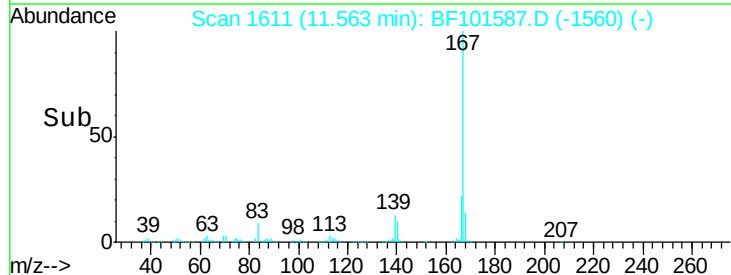
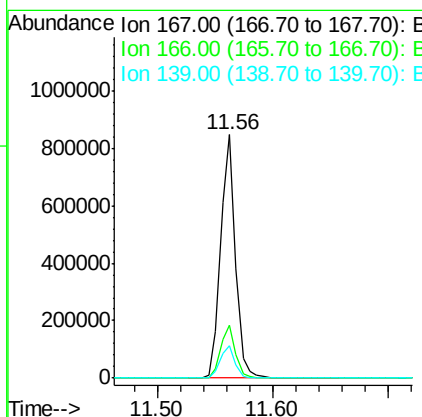
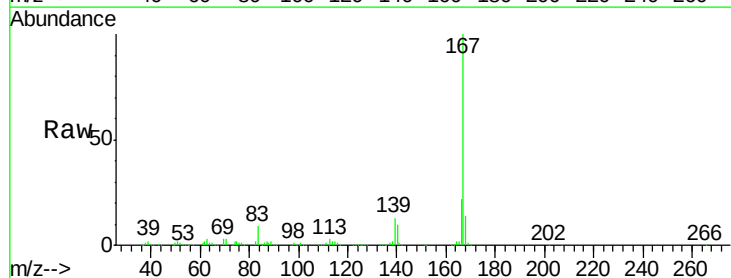
Instrument :
 BNA_F
 ClientSampleId :
 PB105190BS

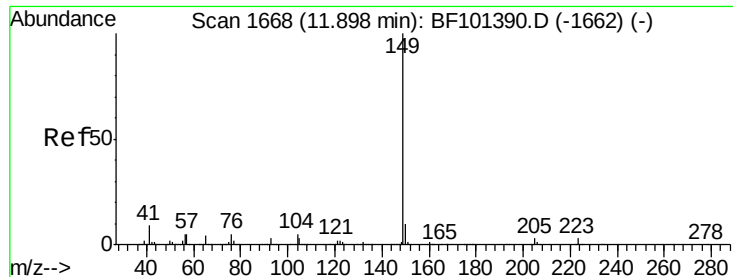
Tot Ion:178 Resp: 845540
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 41.169 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BF101587.D
 Acq: 21 Dec 2017 4:19

Tgt Ion:167 Resp: 749992
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 46.283 ng

RT: 11.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Instrument :

BNA_F

ClientSampleId :

PB105190BS

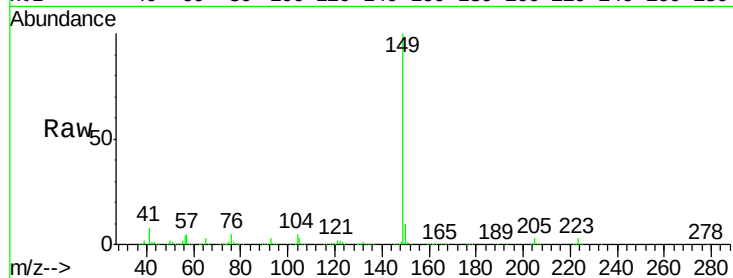
Tot Ion:149 Resp: 1023354

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

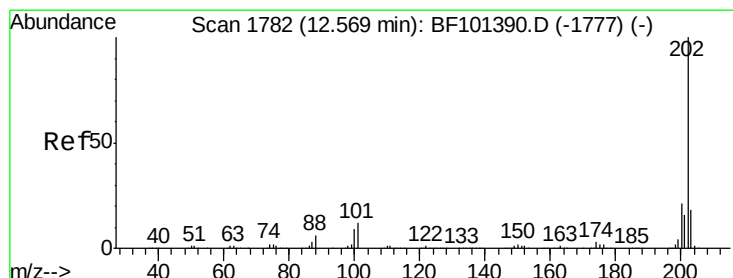
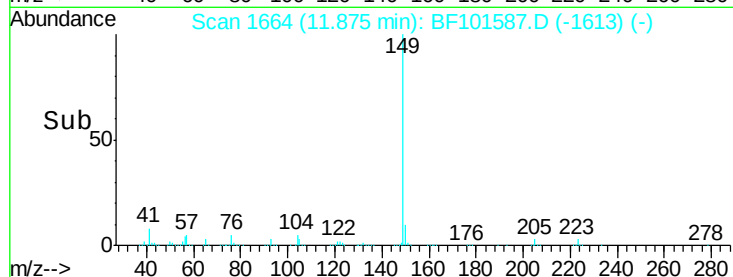
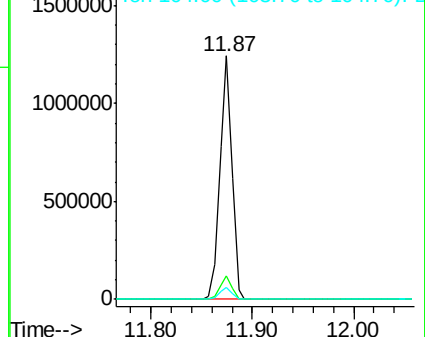
104 4.9 3.8 5.8



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: 40.290 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

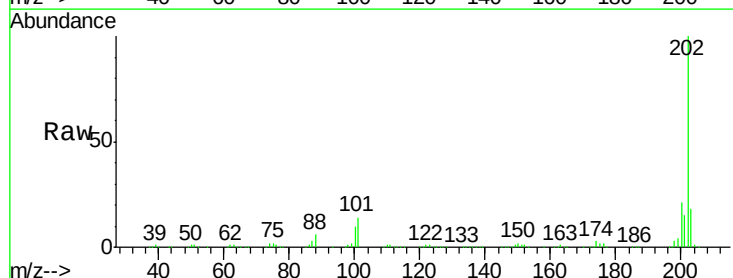
Tgt Ion:202 Resp: 805572

Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.1

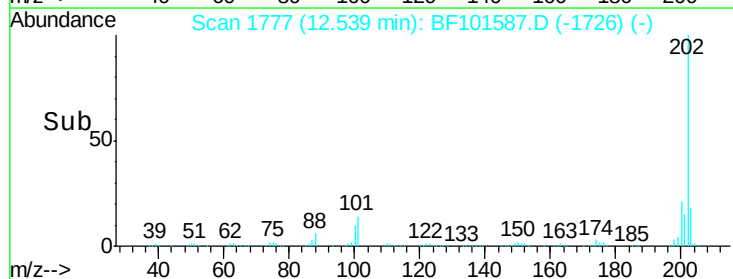
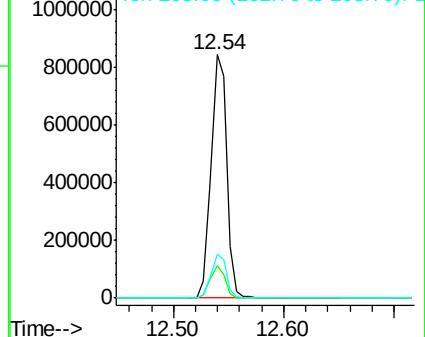
203 18.1 0.0 38.1

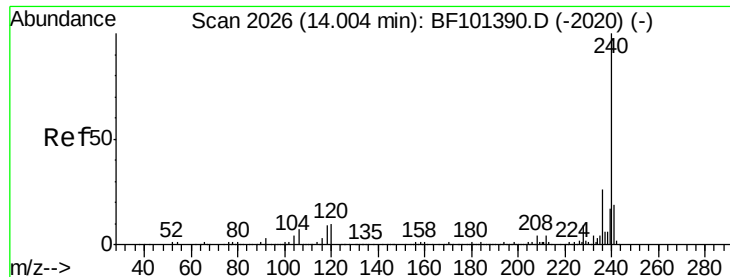


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Instrument :

BNA_F

ClientSampleId :

PB105190BS

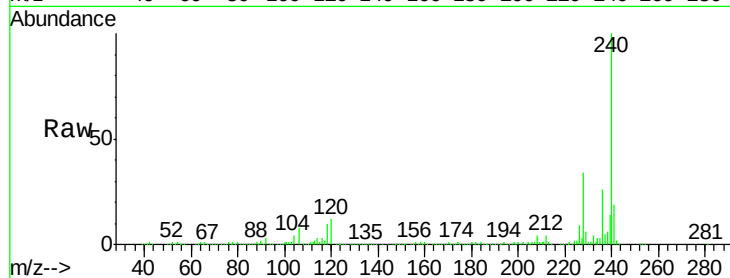
Tot Ion:240 Resp: 275081

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

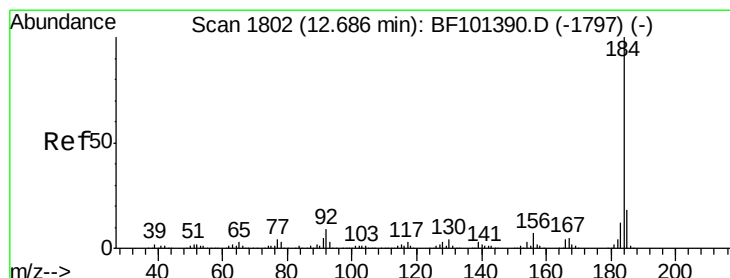
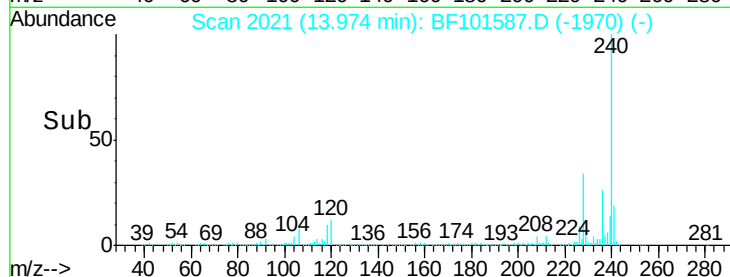
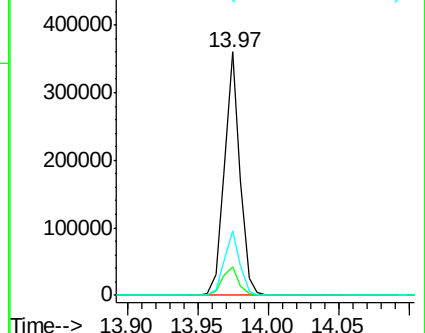
236 26.2 20.7 31.1



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: 35.424 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

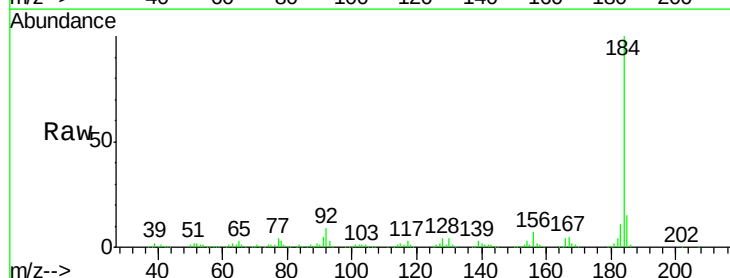
Tgt Ion:184 Resp: 411557

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

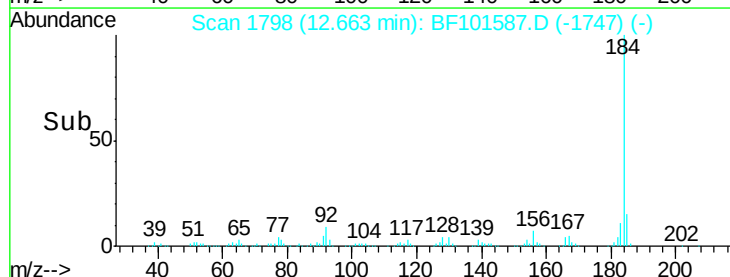
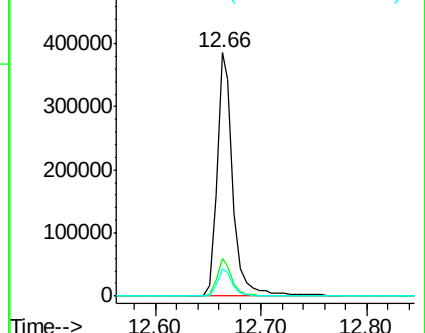
183 11.1 9.3 13.9

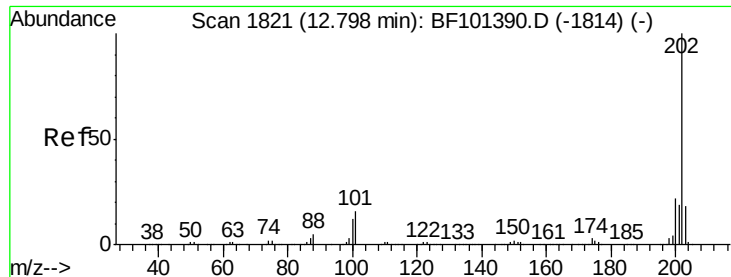


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

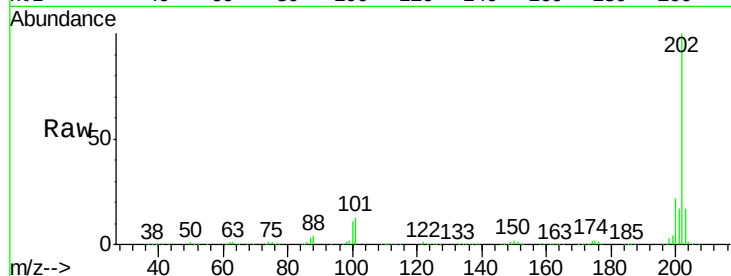




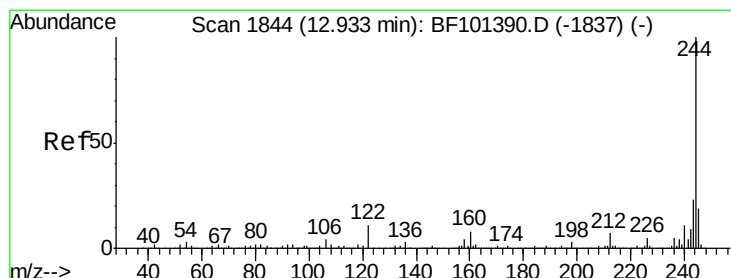
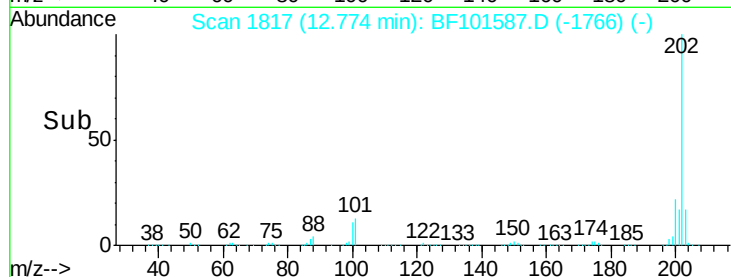
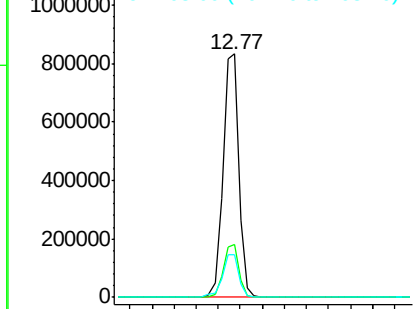
#77
Pvrene
Concen: 40.410 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

Instrument :
BNA_F
ClientSampleId :
PB105190BS

Tot Ion:202 Resp: 834245
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.3 14.3 21.5

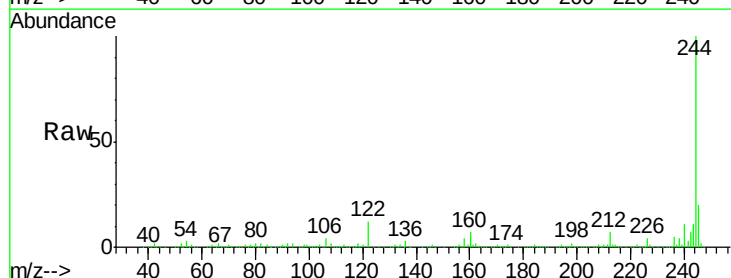


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

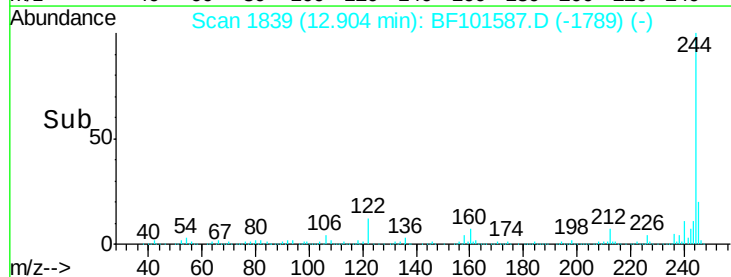
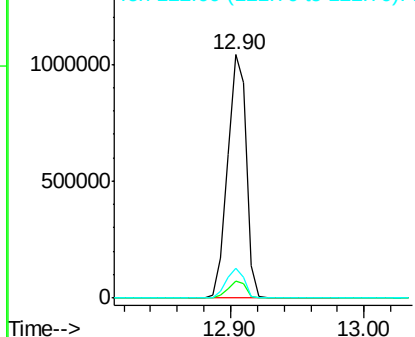


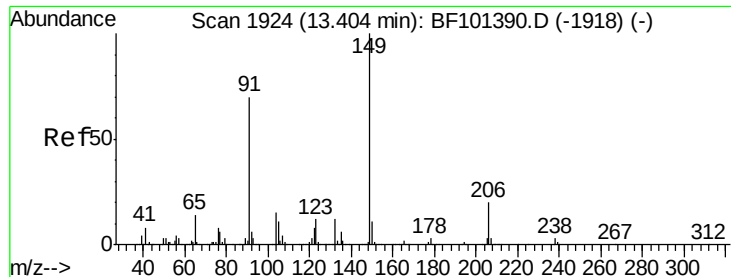
#78
Terphenyl-d14
Concen: 90.529 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

Tgt Ion:244 Resp: 1032979
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 12.2 11.0 16.4



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





#79

Butylbenzylphthalate

Concen: 41.605 ng

RT: 13.37 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Instrument :

BNA_F

ClientSampleId :

PB105190BS

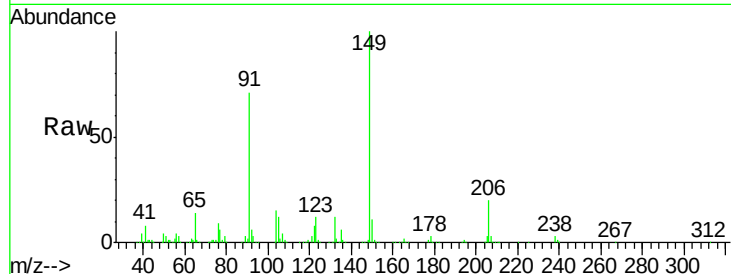
Tot Ion:149 Resp: 388642

Ion Ratio Lower Upper

149 100

91 71.4 56.8 85.2

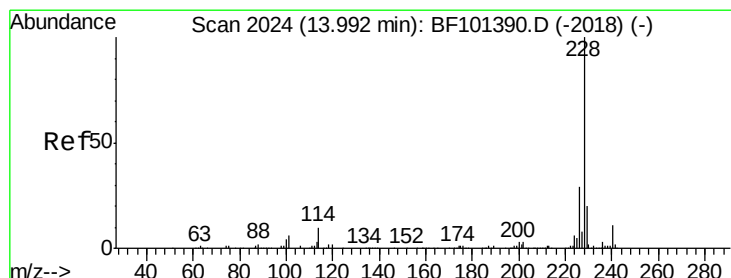
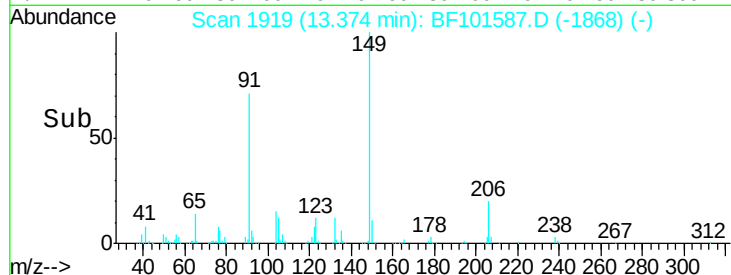
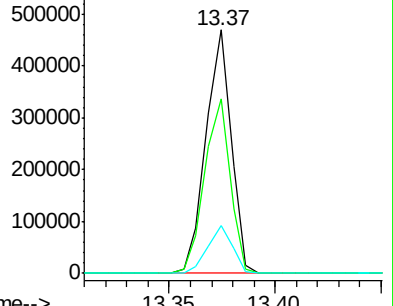
206 19.7 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.971 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

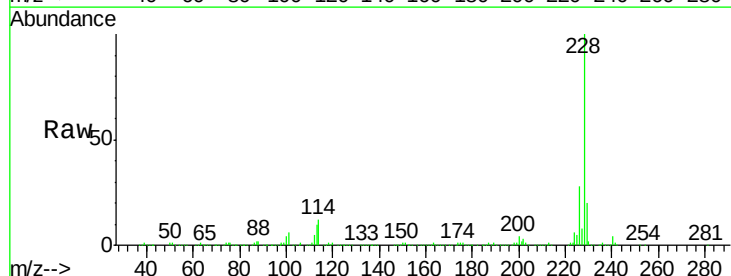
Tgt Ion:228 Resp: 798691

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

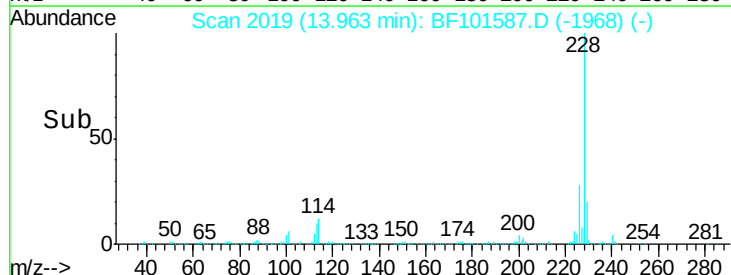
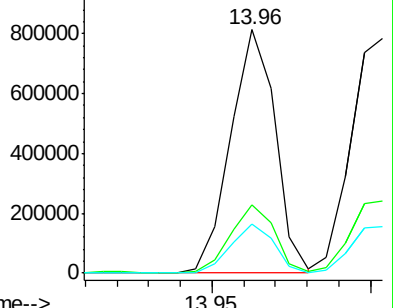
229 20.3 15.8 23.6

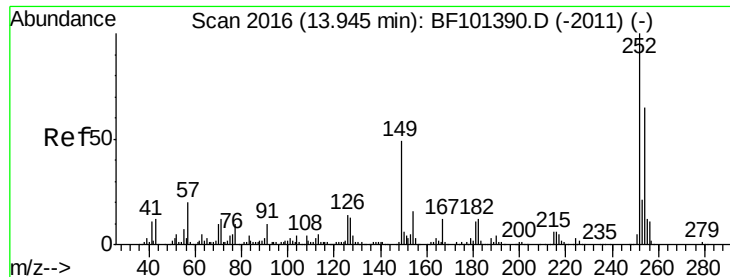


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

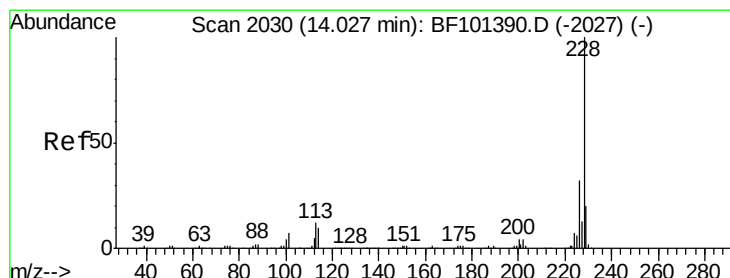
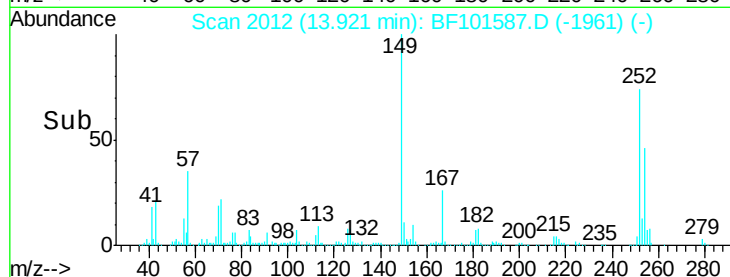
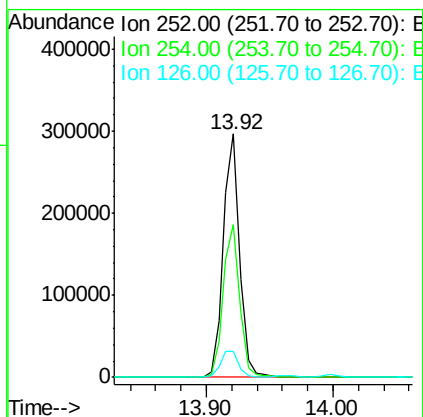
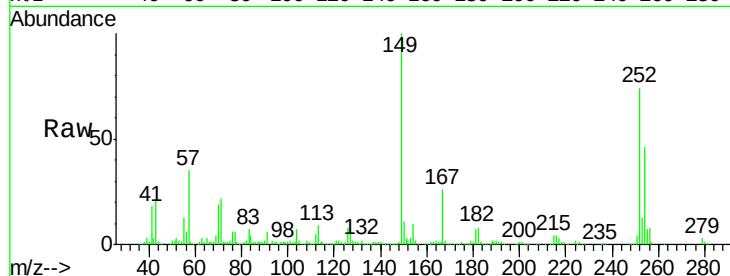




#81
 3,3'-Dichlorobenzidine
 Concen: 44.878 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BF101587.D
 Acq: 21 Dec 2017 4:19

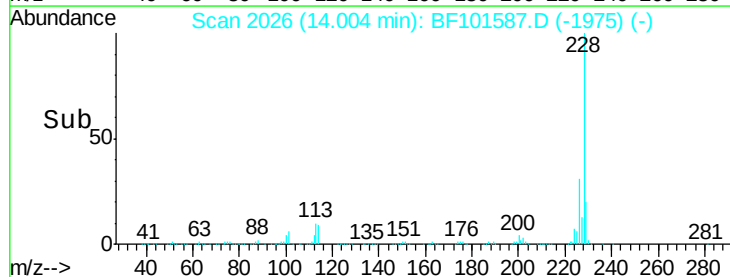
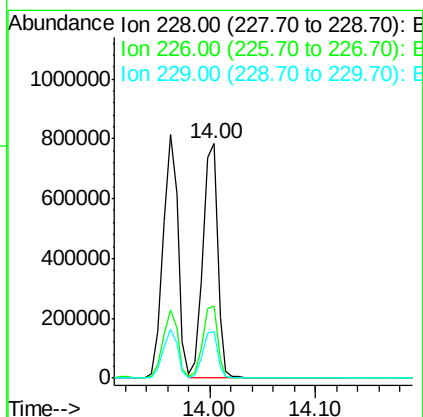
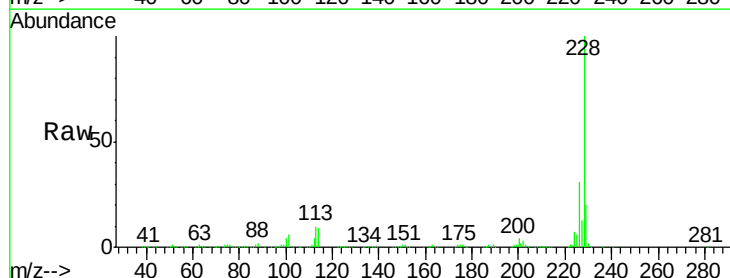
Instrument :
 BNA_F
 ClientSampleId :
 PB105190BS

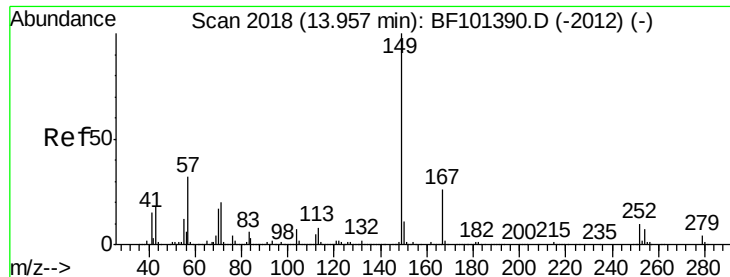
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	50.4	75.6
126	10.7	11.3	16.9#



#82
 Chrysene
 Concen: 44.239 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF101587.D
 Acq: 21 Dec 2017 4:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.7	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.969 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Instrument :

BNA_F

ClientSampleId :

PB105190BS

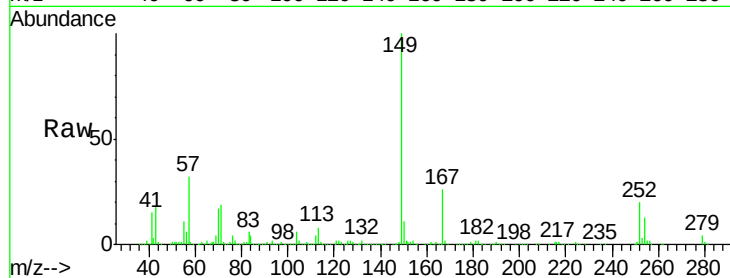
Tot Ion:149 Resp: 496574

Ion Ratio Lower Upper

149 100

167 25.7 21.3 31.9

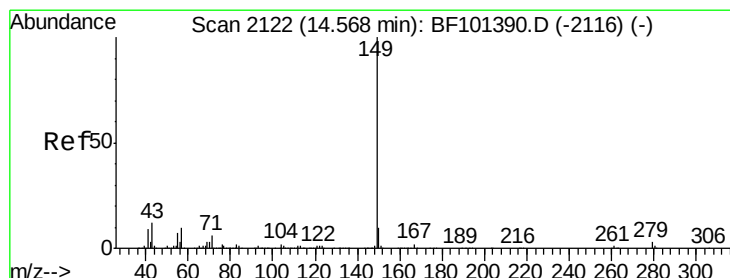
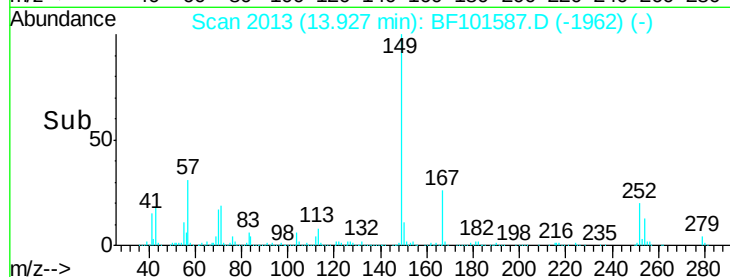
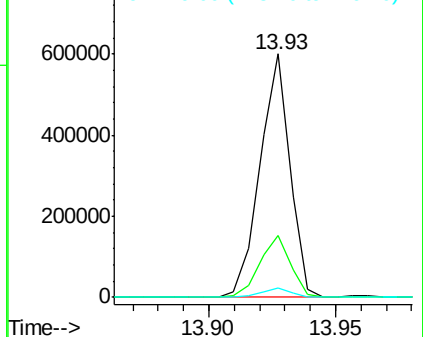
279 3.6 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.311 ng

RT: 14.54 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

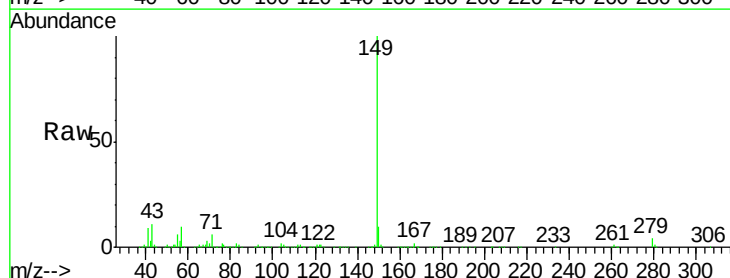
Tgt Ion:149 Resp: 956095

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

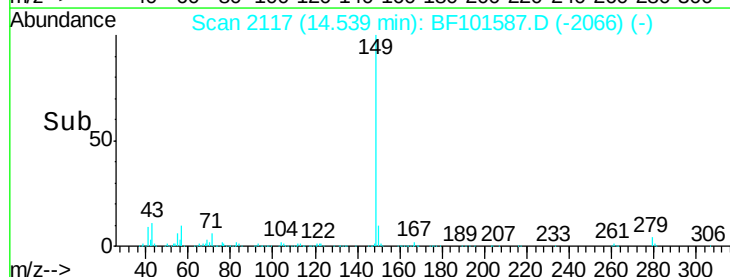
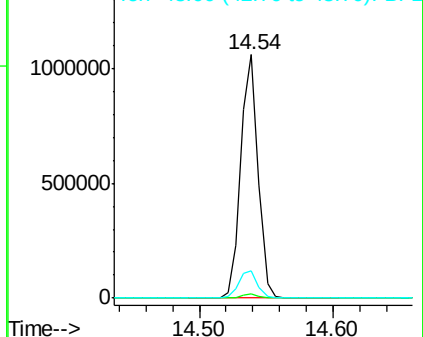
43 11.7 8.4 12.6

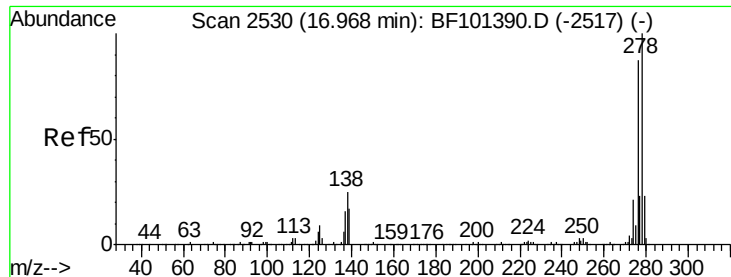


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.568 ng

RT: 16.92 min Scan# 2522

Delta R.T. 0.01 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Instrument :

BNA_F

ClientSampleId :

PB105190BS

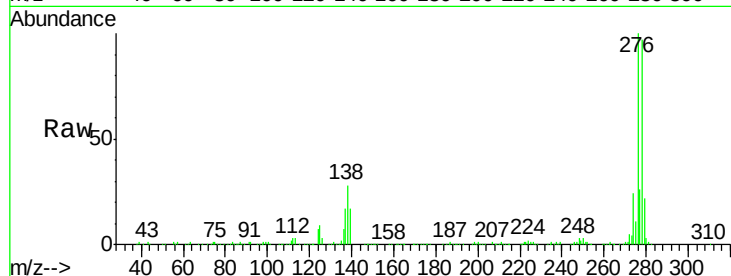
Tot Ion:276 Resp: 741741

Ion Ratio Lower Upper

276 100

138 27.5 25.0 37.6

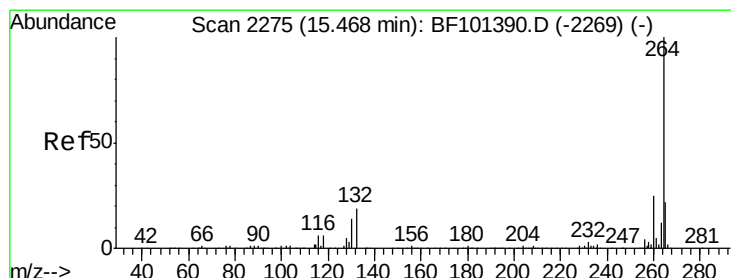
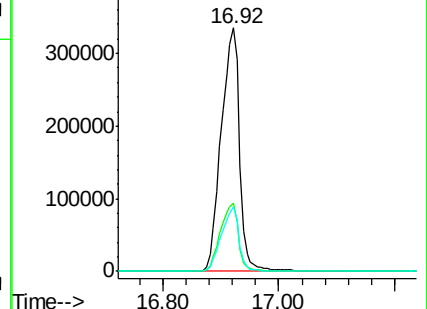
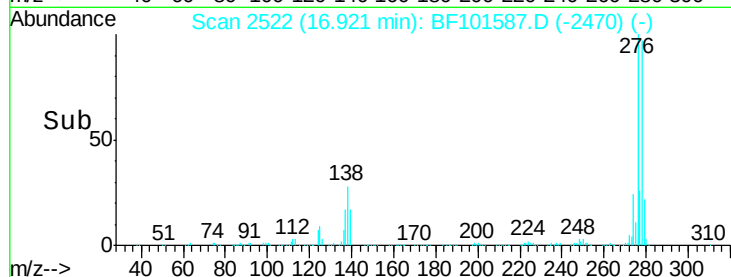
277 25.5 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

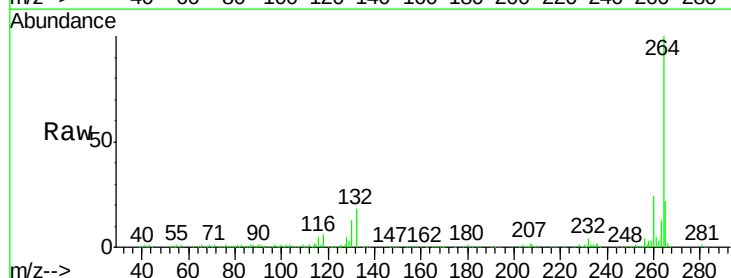
Tgt Ion:264 Resp: 309258

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

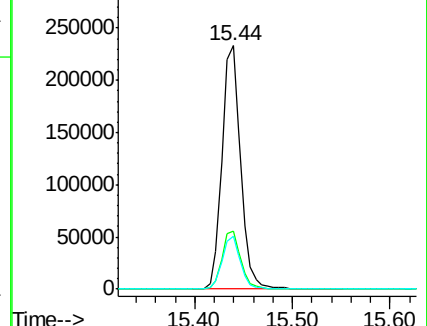
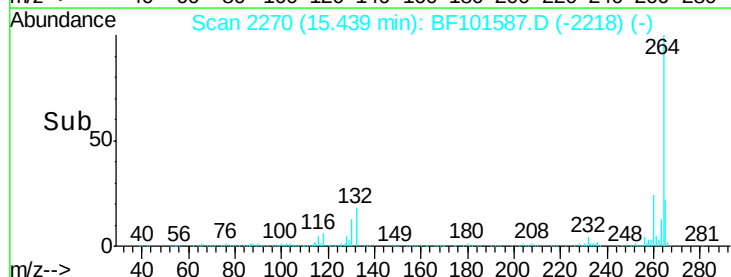
265 21.8 17.5 26.3

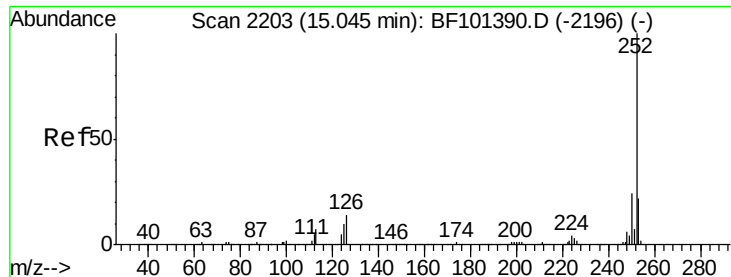


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

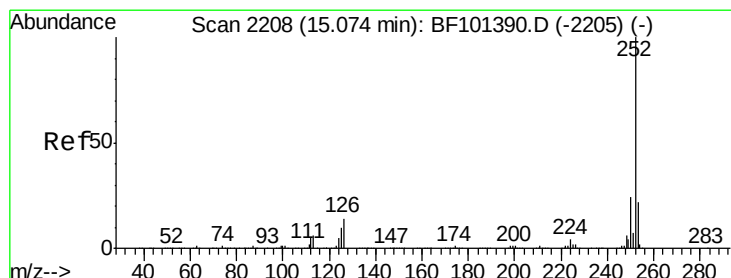
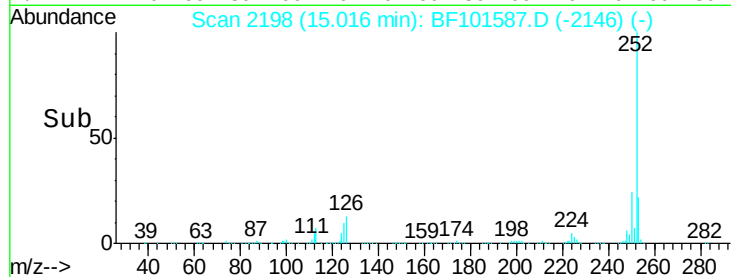
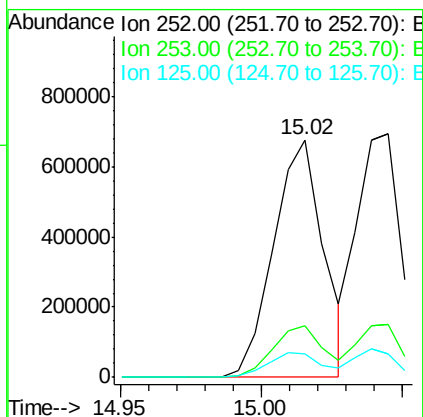
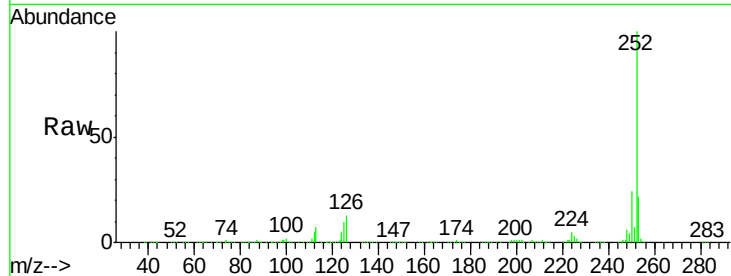




#87
Benzo(b)fluoranthene
Concen: 44.179 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

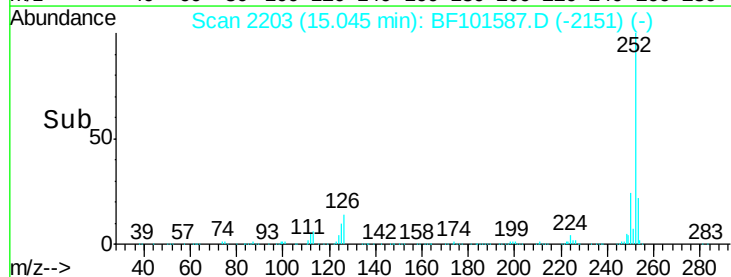
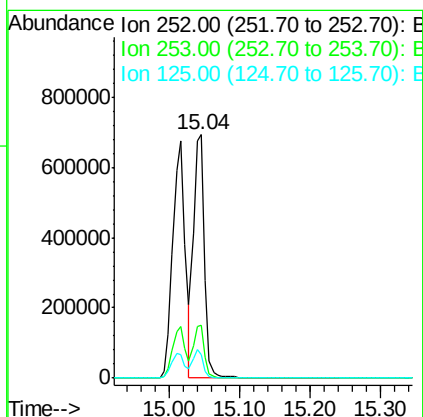
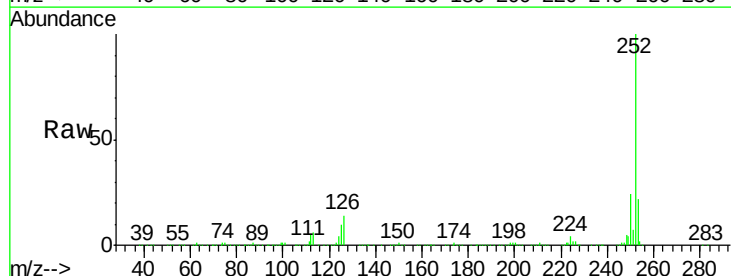
Instrument :
BNA_F
ClientSampleId :
PB105190BS

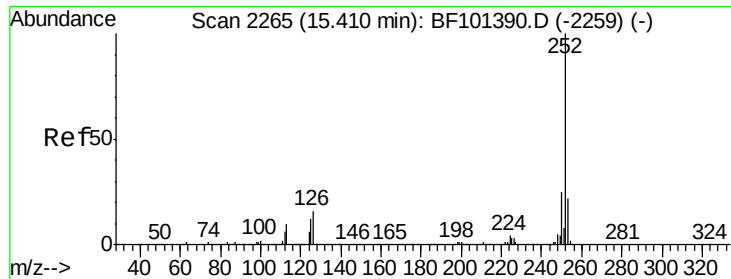
Tot Ion:252 Resp: 832780
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 9.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.851 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF101587.D
Acq: 21 Dec 2017 4:19

Tgt Ion:252 Resp: 767024
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 9.7 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 44.720 ng

RT: 15.38 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Instrument :

BNA_F

ClientSampleId :

PB105190BS

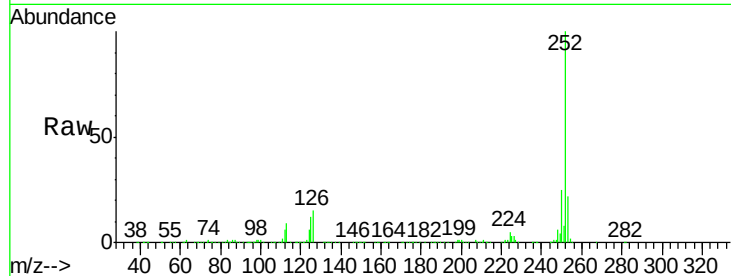
Tot Ion:252 Resp: 777095

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

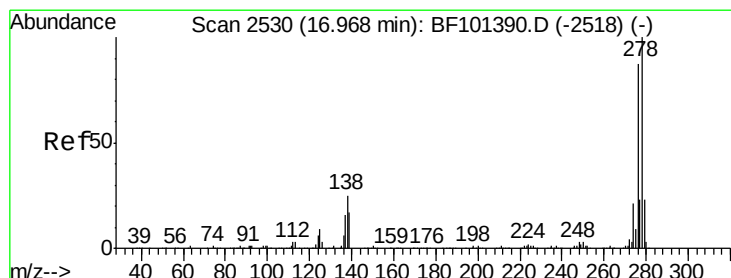
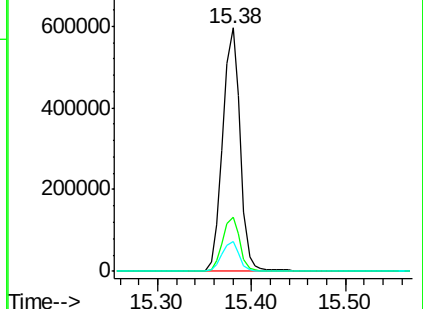
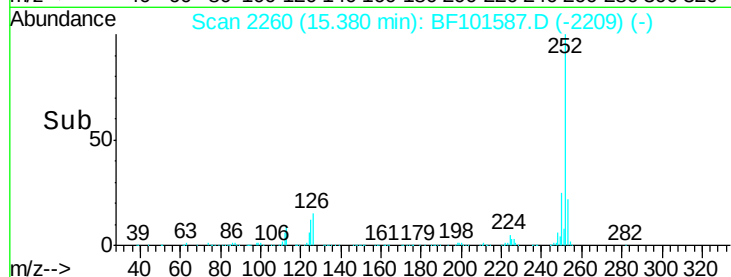
125 12.1 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.156 ng

RT: 16.92 min Scan# 2522

Delta R.T. 0.01 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

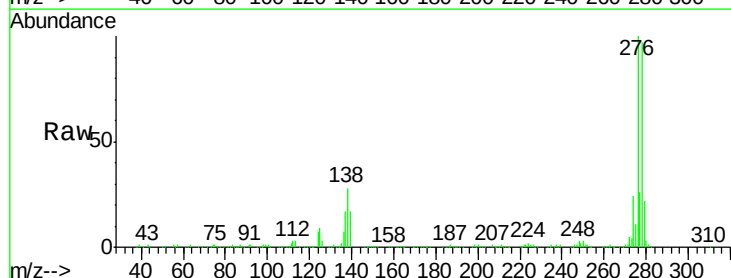
Tgt Ion:278 Resp: 643872

Ion Ratio Lower Upper

278 100

139 17.3 15.9 23.9

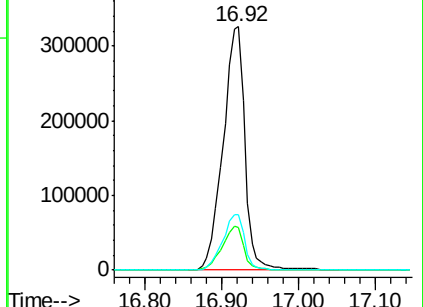
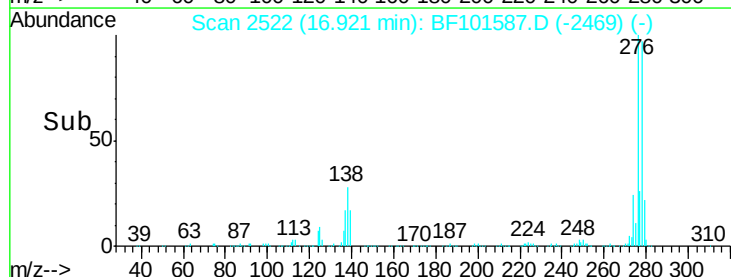
279 22.6 19.0 28.4

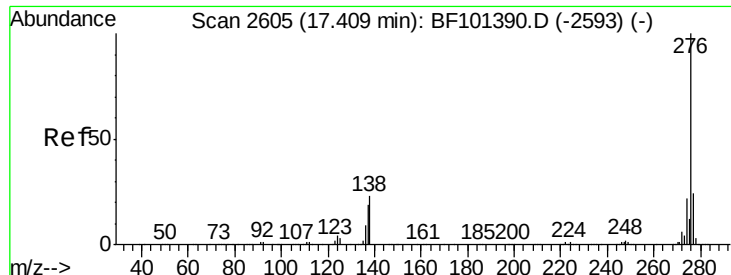


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.837 ng

RT: 17.36 min Scan# 2596

Delta R.T. 0.01 min

Lab File: BF101587.D

Acq: 21 Dec 2017 4:19

Instrument :

BNA_F

ClientSampleId :

PB105190BS

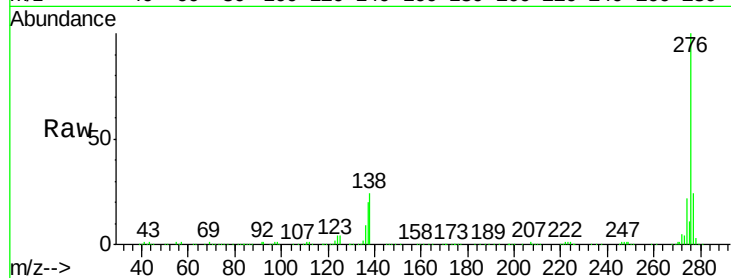
Tot Ion: 276 Resp: 618076

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 23.8 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

