

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
 Data File : BF101651.D
 Acq On : 22 Dec 2017 14:16
 Operator : SJ/JU
 Sample : PB105201BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105201BS

Quant Time: Dec 22 16:09:17 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	140479	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	568253	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	257840	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	496219	20.00	ng	0.00
75) Chrysene-d12	13.97	240	367376	20.00	ng	0.00
86) Perylene-d12	15.43	264	303371	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	991270	105.11	ng	0.01
7) Phenol-d6	6.44	99	1150144	97.99	ng	0.00
23) Nitrobenzene-d5	7.36	82	749560	73.43	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	280054	112.72	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1270378	76.43	ng	0.00
78) Terphenyl-d14	12.90	244	1256610	82.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	151151	31.192	ng	95
3) Pyridine	3.35	79	376479	27.962	ng	96
4) n-Nitrosodimethylamine	3.30	42	197141	31.802	ng	98
6) Aniline	6.46	93	187820	11.515	ng	# 73
8) 2-Chlorophenol	6.58	128	332904	33.557	ng	99
9) Benzaldehyde	6.35	77	183083	21.122	ng	97
10) Phenol	6.45	94	422575	31.589	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	350964	33.447	ng	99
12) 1,3-Dichlorobenzene	6.73	146	366407	32.725	ng	99
13) 1,4-Dichlorobenzene	6.80	146	371474	32.489	ng	99
14) 1,2-Dichlorobenzene	6.96	146	337892	32.831	ng	98
15) Benzyl Alcohol	6.94	79	254671	31.524	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	569181	35.442	ng	# 47
17) 2-Methylphenol	7.05	107	275386	30.178	ng	# 90
18) Hexachloroethane	7.29	117	134635	33.868	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	246430	31.971	ng	93
20) 3+4-Methylphenols	7.21	107	368885	38.147	ng	# 79
22) Acetophenone	7.20	105	475666	36.685	ng	# 92
24) Nitrobenzene	7.37	77	378411	33.494	ng	96
25) Isophorone	7.61	82	690338	33.710	ng	96
26) 2-Nitrophenol	7.69	139	183879	37.883	ng	96
27) 2,4-Dimethylphenol	7.73	122	305339	37.029	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	435456	33.475	ng	98
29) 2,4-Dichlorophenol	7.95	162	286466	35.164	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	288862	33.600	ng	98
31) Naphthalene	8.09	128	947022	33.103	ng	99
32) Benzoic acid	7.89	122	216400	40.449	ng	96
33) 4-Chloroaniline	8.16	127	84510	6.797	ng	98
34) Hexachlorobutadiene	8.20	225	163540	32.890	ng	97
35) Caprolactam	8.53	113	61424	21.714	ng	90
36) 4-Chloro-3-methylphenol	8.65	107	302014	33.729	ng	100
37) 2-Methylnaphthalene	8.78	142	635382	34.090	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	300518	34.521	ng	98
40) Hexachlorocyclopentadiene	8.93	237	79023	53.887	ng	99

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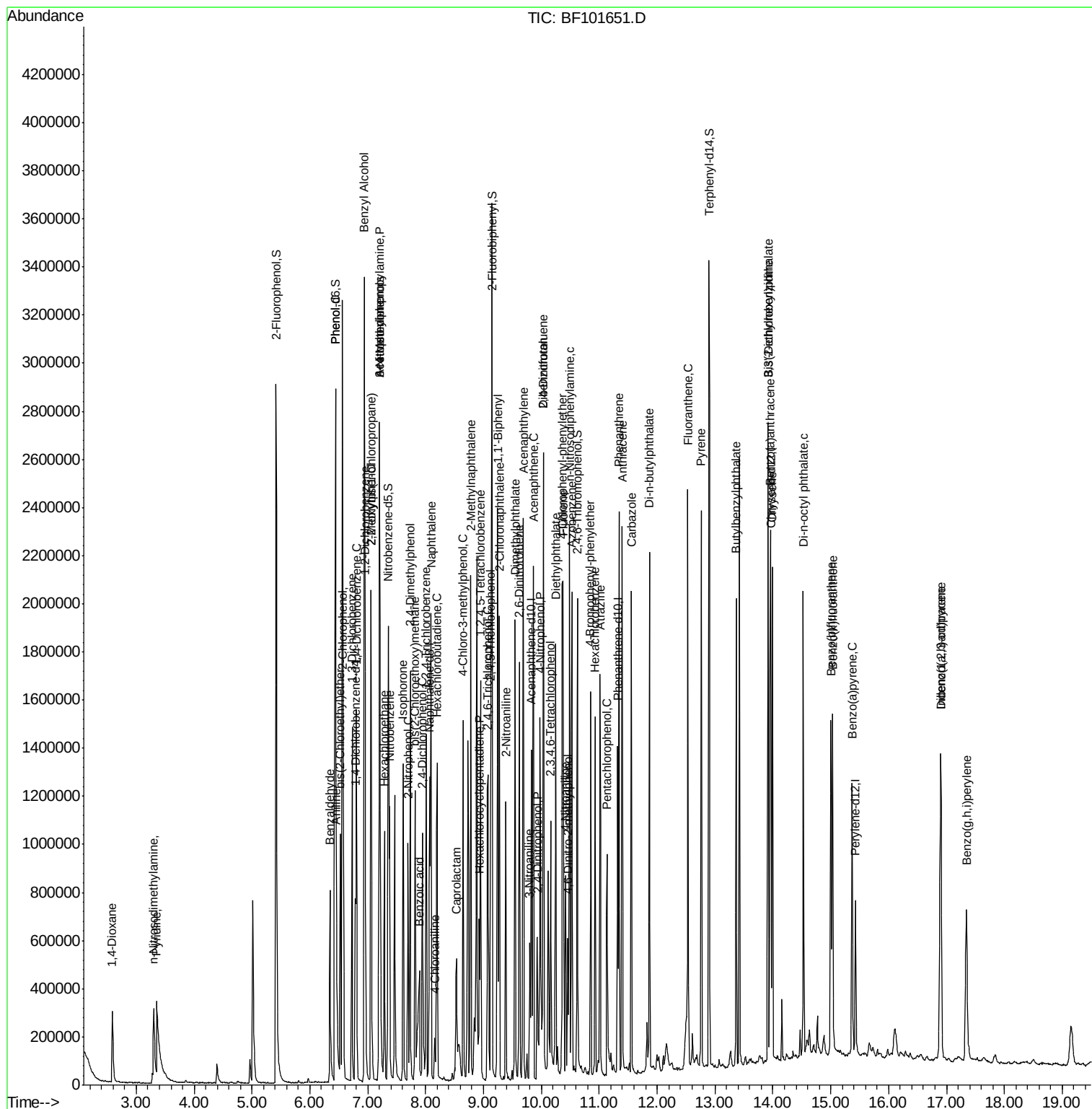
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	188239	35.918	ng	99
43) 2,4,5-Trichlorophenol	9.12	196	188321	32.818	ng	97
45) 1,1'-Biphenyl	9.25	154	783634	34.270	ng	98
46) 2-Chloronaphthalene	9.27	162	587171	33.559	ng	98
47) 2-Nitroaniline	9.39	65	208017	34.416	ng	94
48) Acenaphthylene	9.69	152	871834	31.548	ng	99
49) Dimethylphthalate	9.55	163	648998	31.293	ng	99
50) 2,6-Dinitrotoluene	9.63	165	145234	34.455	ng	91
51) Acenaphthene	9.86	154	526502	31.711	ng	99
52) 3-Nitroaniline	9.80	138	89368	17.005	ng	98
53) 2,4-Dinitrophenol	9.93	184	112997	77.358	ng	# 20
54) Dibenzofuran	10.03	168	748976	35.497	ng	99
55) 4-Nitrophenol	9.98	139	140218	61.189	ng	# 85
56) 2,4-Dinitrotoluene	10.04	165	184981	38.950	ng	# 87
57) Fluorene	10.38	166	621335	34.810	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	153392	37.206	ng	89
59) Diethylphthalate	10.25	149	676758	32.951	ng	98
60) 4-Chlorophenyl-phenylether	10.36	204	299713	35.036	ng	94
61) 4-Nitroaniline	10.42	138	144146	27.288	ng	98
62) Azobenzene	10.53	77	700269	32.914	ng	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	84530	33.381	ng	90
65) n-Nitrosodiphenylamine	10.49	169	572167	31.227	ng	95
66) 4-Bromophenyl-phenylether	10.85	248	188422	33.794	ng	93
67) Hexachlorobenzene	10.93	284	195644	33.154	ng	93
68) Atrazine	11.02	200	186392	34.117	ng	97
69) Pentachlorophenol	11.13	266	149194	66.242	ng	98
70) Phenanthrene	11.34	178	899017	32.578	ng	99
71) Anthracene	11.40	178	923046	32.746	ng	99
72) Carbazole	11.56	167	817757	30.986	ng	99
73) Di-n-butylphthalate	11.87	149	1057279	33.007	ng	99
74) Fluoranthene	12.53	202	945047	32.627	ng	100
77) Pyrene	12.76	202	985598	35.747	ng	100
79) Butylbenzylphthalate	13.37	149	446214	35.767	ng	96
80) Benzo(a)anthracene	13.96	228	797525	32.876	ng	100
81) 3,3'-Dichlorobenzidine	13.92	252	174284	22.034	ng	# 98
82) Chrysene	13.99	228	760140	33.188	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	571408	36.161	ng	99
84) Di-n-octyl phthalate	14.53	149	929152	32.971	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.90	276	621069	30.450	ng	96
87) Benzo(b)fluoranthene	15.00	252	622724	33.677	ng	98
88) Benzo(k)fluoranthene	15.03	252	613302	34.113	ng	98
89) Benzo(a)pyrene	15.37	252	584281	34.276	ng	99
90) Dibenzo(a,h)anthracene	16.90	278	522272	35.685	ng	95
91) Benzo(g,h,i)perylene	17.34	276	549141	37.892	ng	95

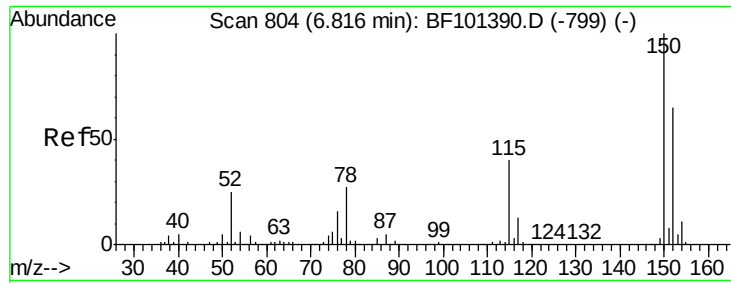
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 3      Sample Multiplier: 1
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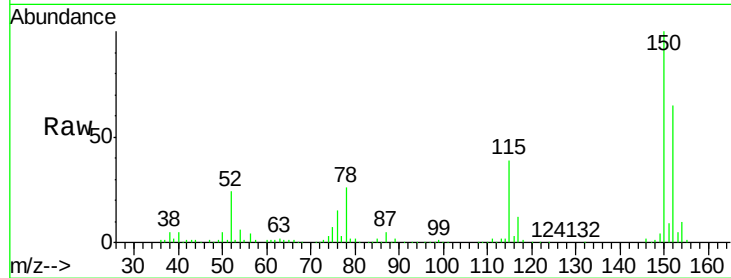


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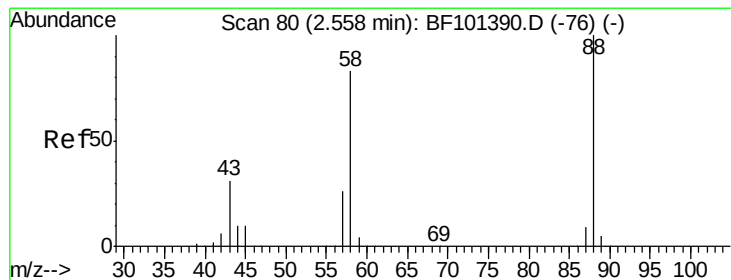
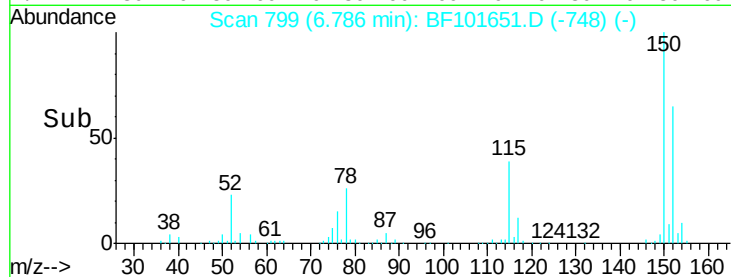
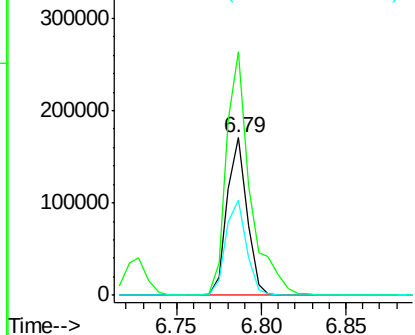
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF101651.D
 Acq: 22 Dec 2017 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB105201BS

Tgt Ion:152 Resp: 140479
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.6 186.8
 115 60.4 50.1 75.1



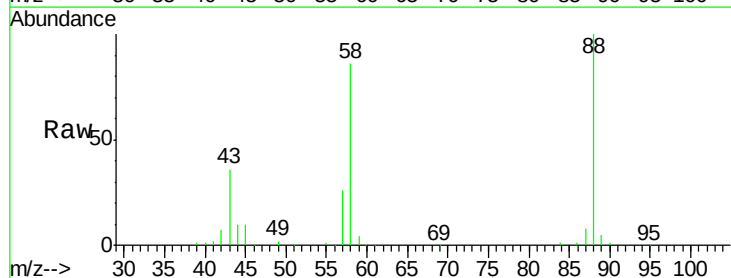
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



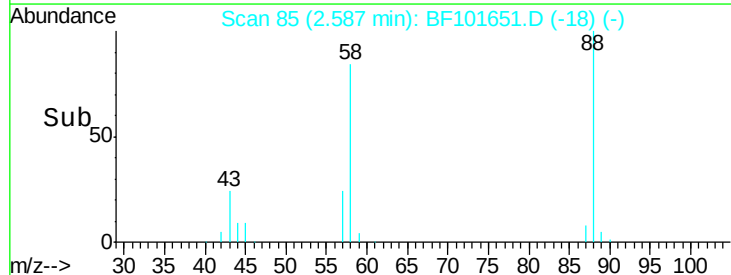
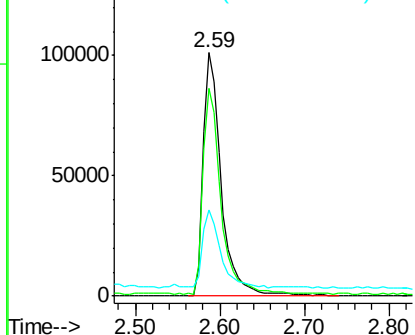
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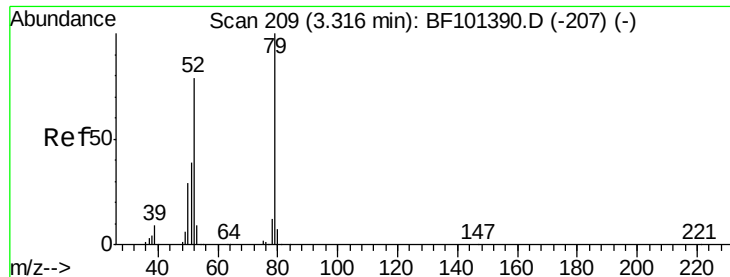
1,4-Dioxane
 Concen: 31.192 ng
 RT: 2.59 min Scan# 85
 Delta R.T. 0.09 min
 Lab File: BF101651.D
 Acq: 22 Dec 2017 14:16

Tgt Ion: 88 Resp: 151151
 Ion Ratio Lower Upper
 88 100
 58 83.5 62.6 93.8
 43 32.0 24.6 37.0



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





#3

Pyridine

Concen: 27.962 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.10 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

Instrument :

BNA_F

ClientSampleId :

PB105201BS

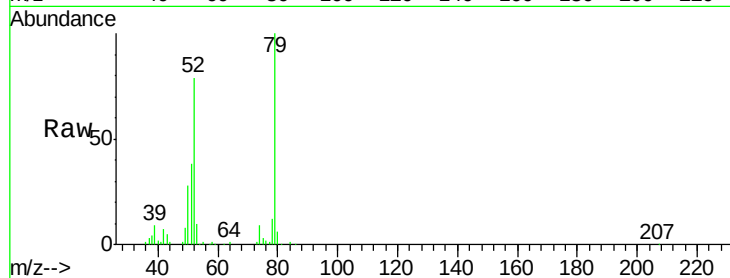
Tgt Ion: 79 Resp: 376479

Ion Ratio Lower Upper

79 100

52 79.3 59.8 89.6

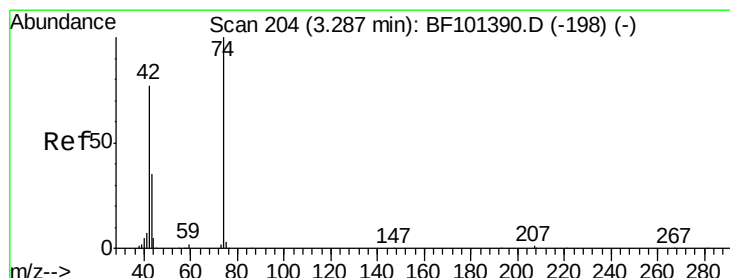
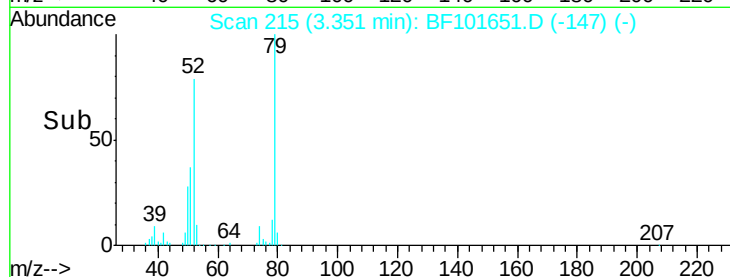
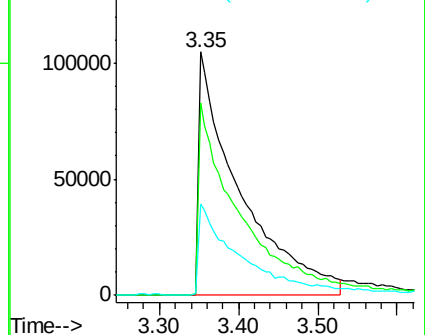
51 37.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 31.802 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.09 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

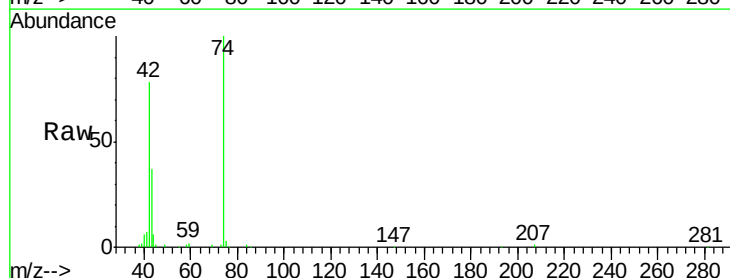
Tgt Ion: 42 Resp: 197141

Ion Ratio Lower Upper

42 100

74 128.5 104.9 157.3

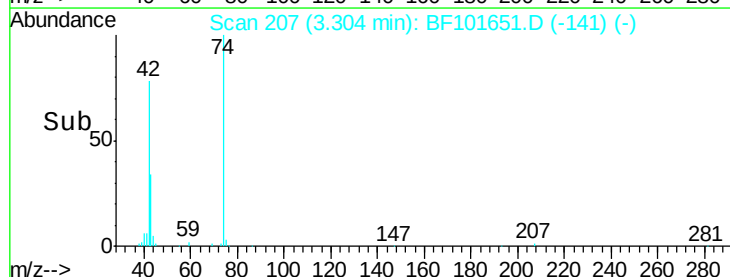
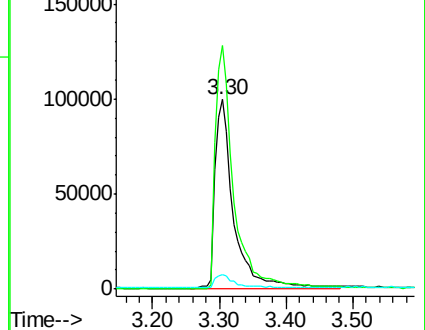
44 7.6 6.9 10.3

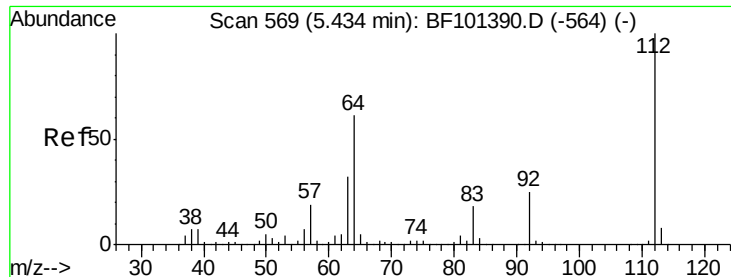


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 105.110 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

Instrument :

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ClientSampleId :

PB105201BS

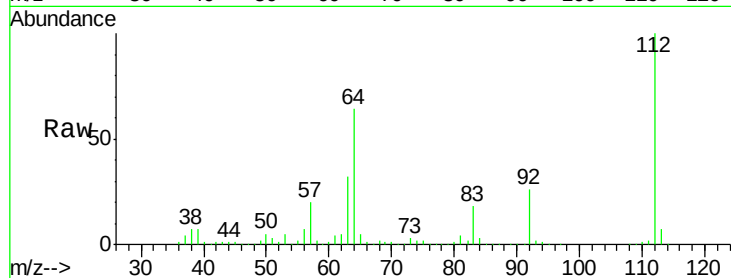
Tgt Ion: 112 Resp: 991270

Ion Ratio Lower Upper

112 100

64 63.9 47.9 71.9

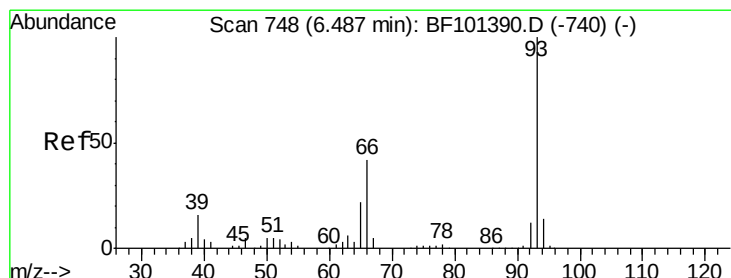
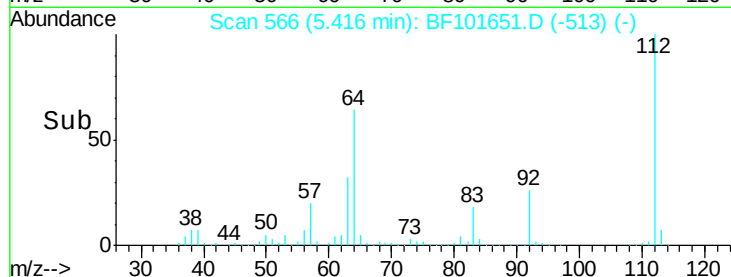
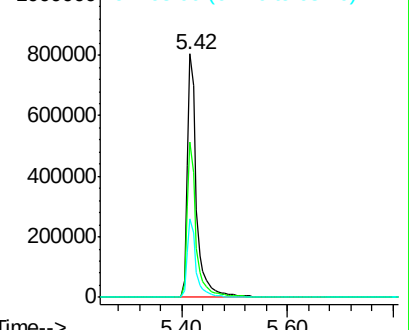
63 32.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.515 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

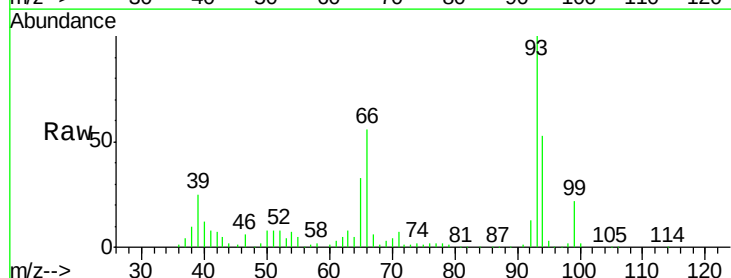
Tgt Ion: 93 Resp: 187820

Ion Ratio Lower Upper

93 100

66 56.5 32.2 48.2#

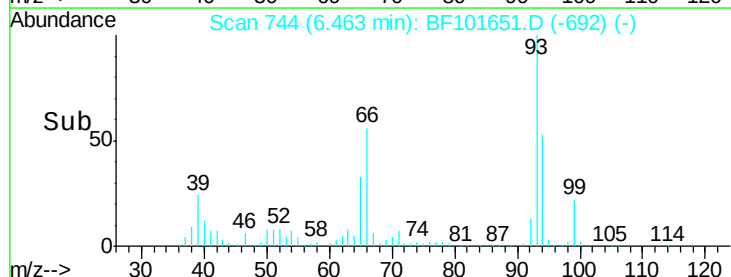
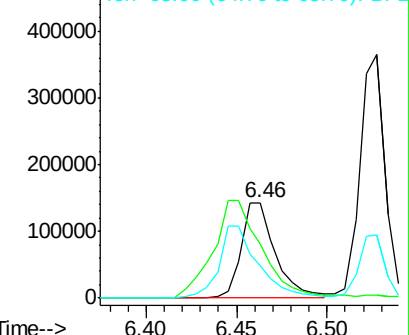
65 33.4 16.4 24.6#

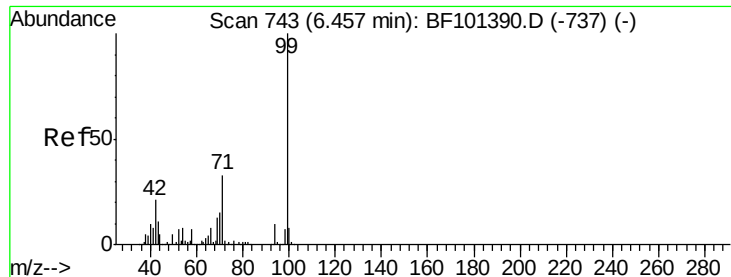


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.993 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101651.D

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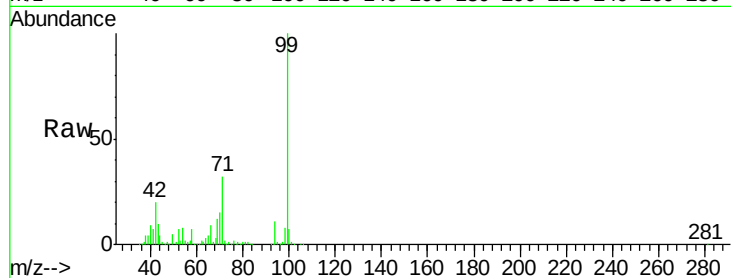
Tgt Ion: 99 Resp: 1150144

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

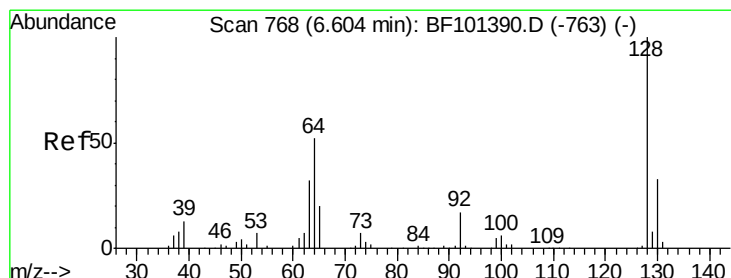
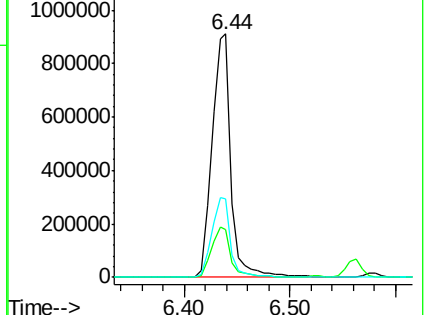
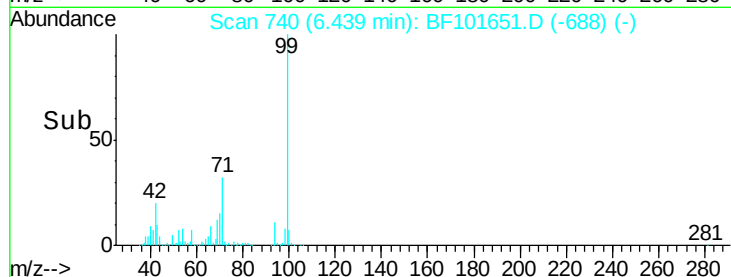
71 32.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 33.557 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

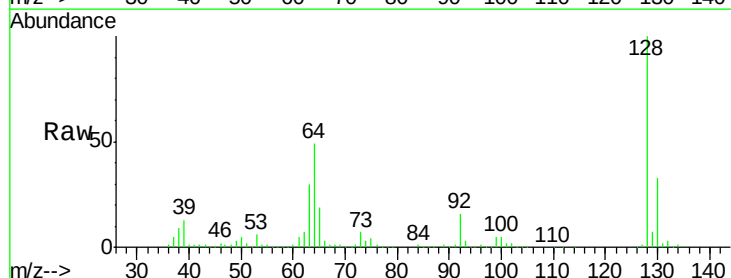
Tgt Ion: 128 Resp: 332904

Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

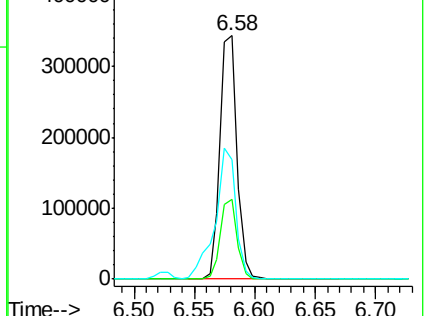
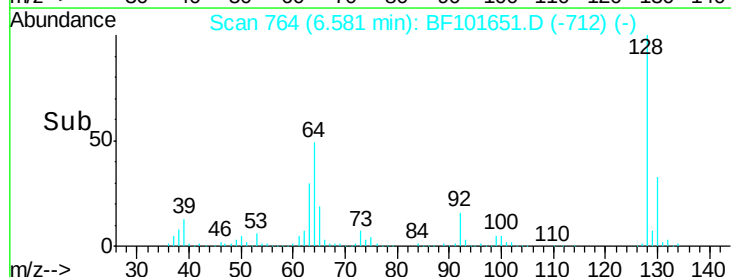
64 48.8 29.4 69.4

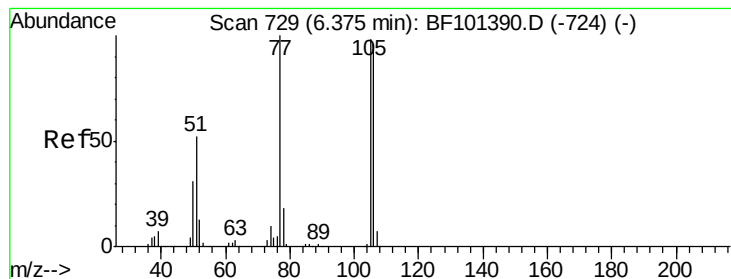


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 21.122 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

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Acq: 22 Dec 2017 14:16

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PB105201BS

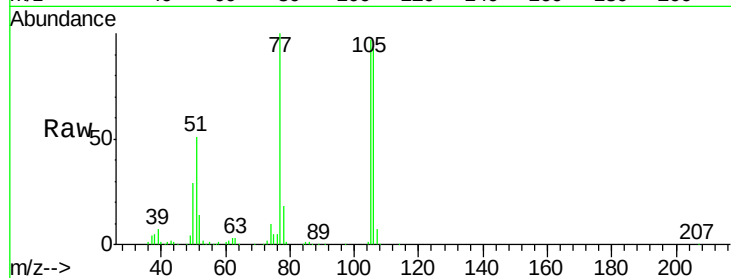
Tgt Ion: 77 Resp: 183083

Ion Ratio Lower Upper

77 100

105 97.4 81.1 121.1

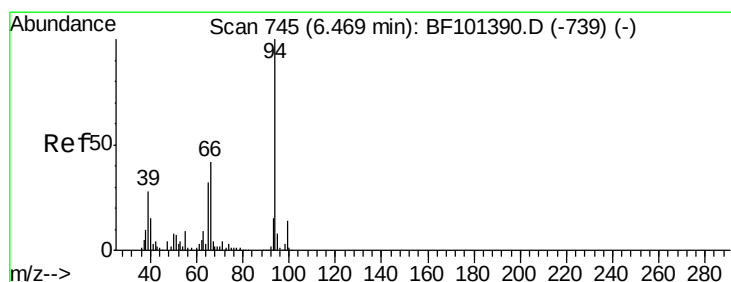
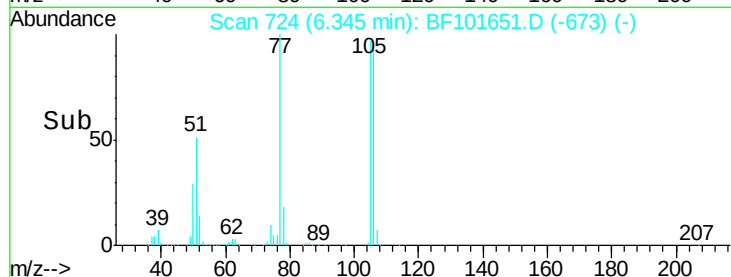
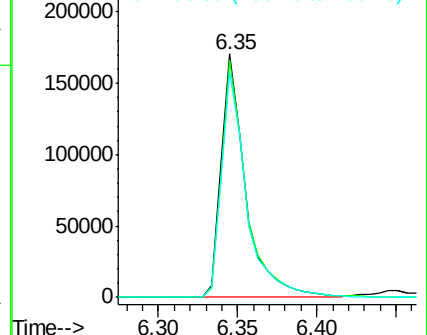
106 92.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 31.589 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

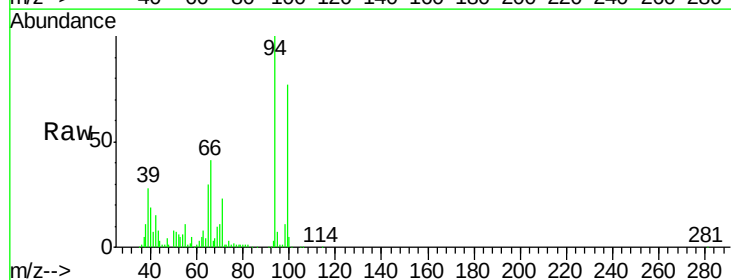
Tgt Ion: 94 Resp: 422575

Ion Ratio Lower Upper

94 100

65 30.1 7.9 47.9

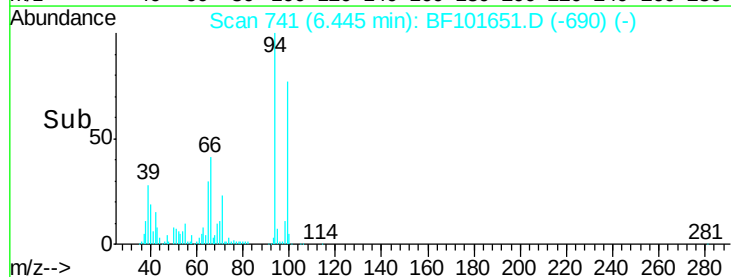
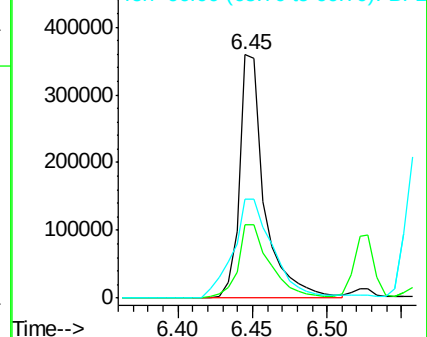
66 40.6 16.2 56.2

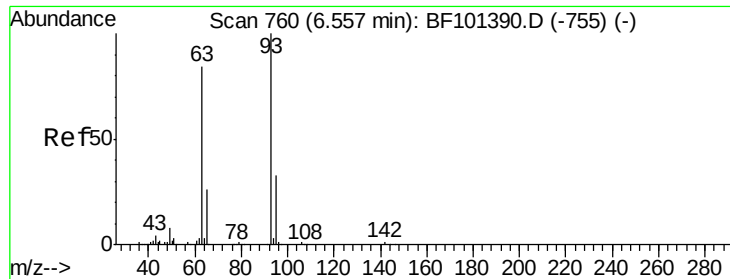


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

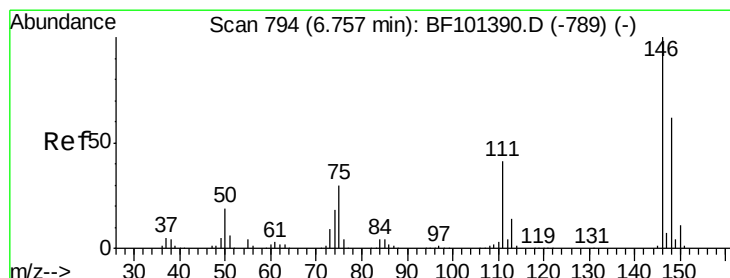
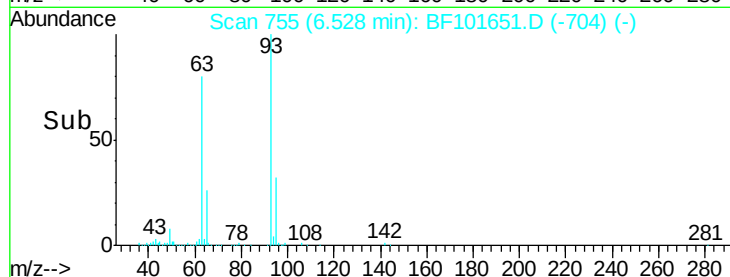
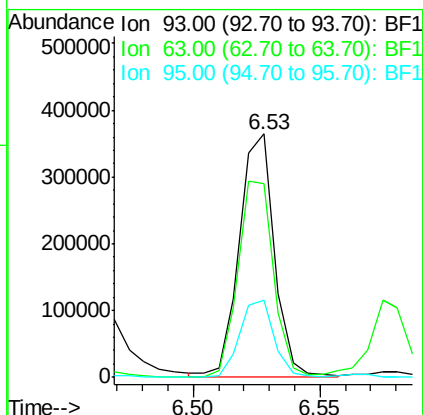
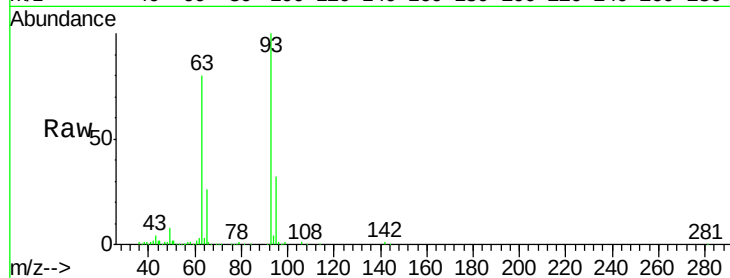




#11
 bis(2-Chloroethyl)ether
 Concen: 33.447 ng
 RT: 6.53 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF101651.D
 Acq: 22 Dec 2017 14:16

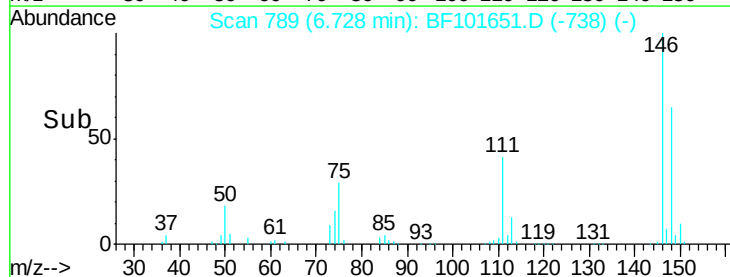
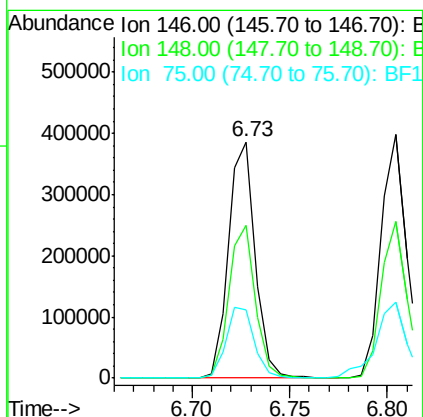
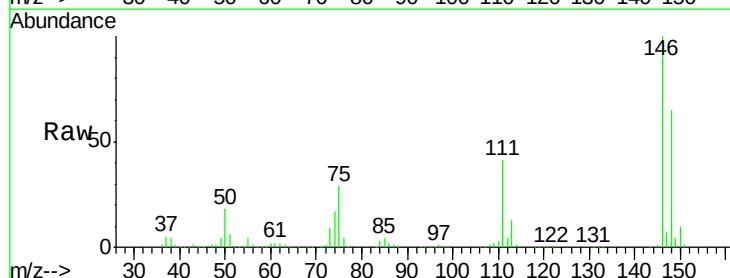
Instrument :
 BNA_F
 ClientSampleId :
 PB105201BS

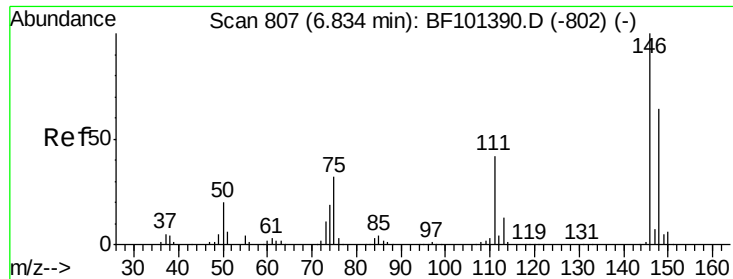
Tgt Ion: 93 Resp: 350964
 Ion Ratio Lower Upper
 93 100
 63 79.8 58.6 98.6
 95 32.0 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 32.725 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF101651.D
 Acq: 22 Dec 2017 14:16

Tgt Ion: 146 Resp: 366407
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.8 77.8
 75 28.8 24.2 36.4

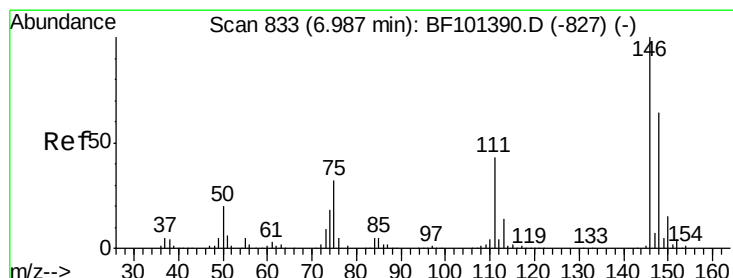
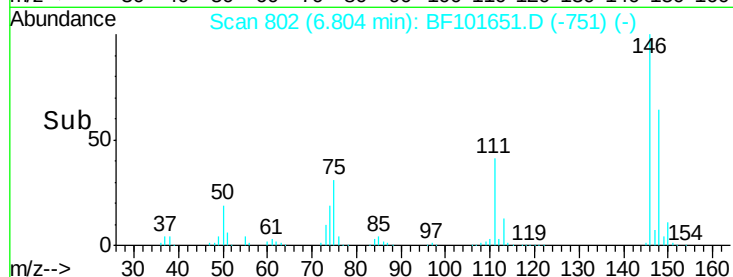
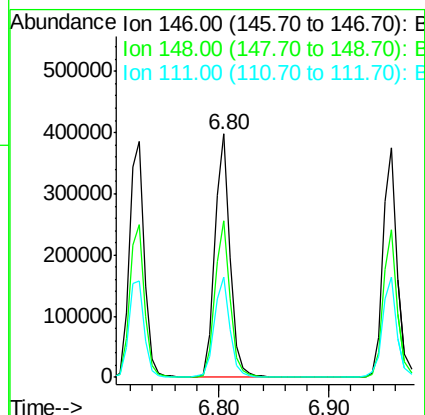
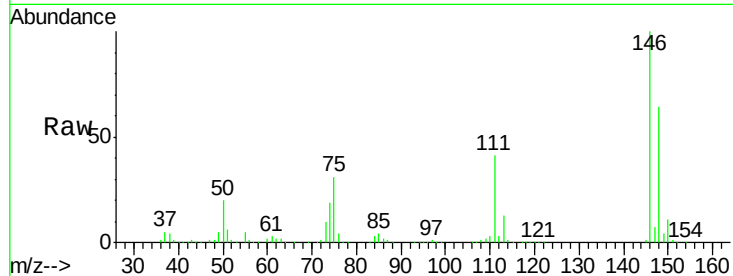




#13
 1,4-Dichlorobenzene
 Concen: 32.489 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF101651.D
 Acq: 22 Dec 2017 14:16

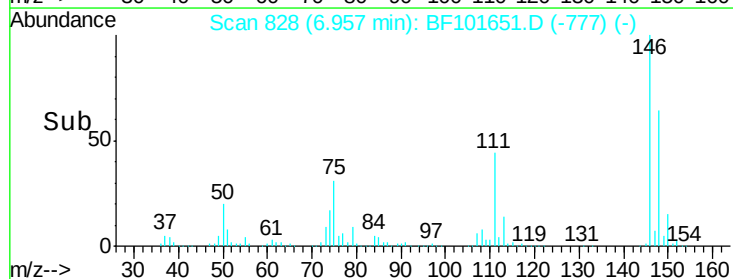
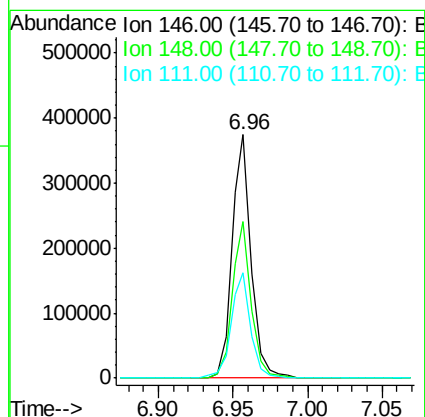
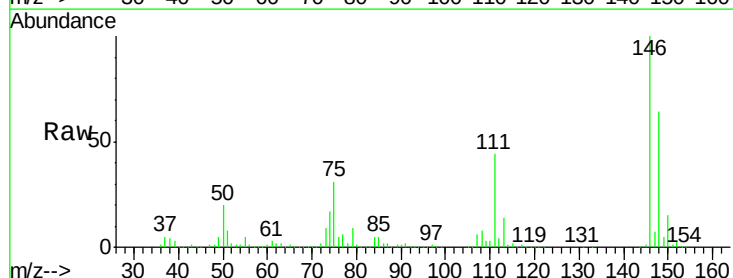
Instrument :
 BNA_F
 ClientSampleId :
 PB105201BS

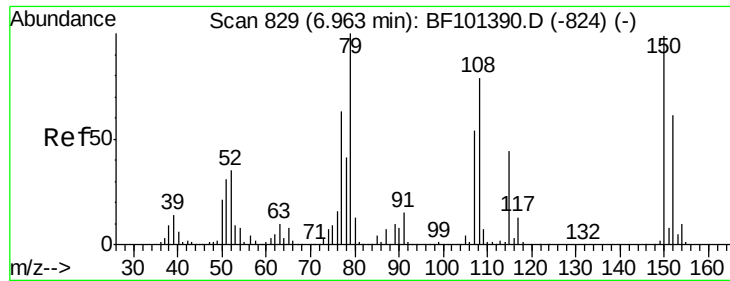
Tgt Ion:146 Resp: 371474
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.8 76.2
 111 41.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 32.831 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF101651.D
 Acq: 22 Dec 2017 14:16

Tgt Ion:146 Resp: 337892
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 75.8
 111 43.5 36.0 54.0

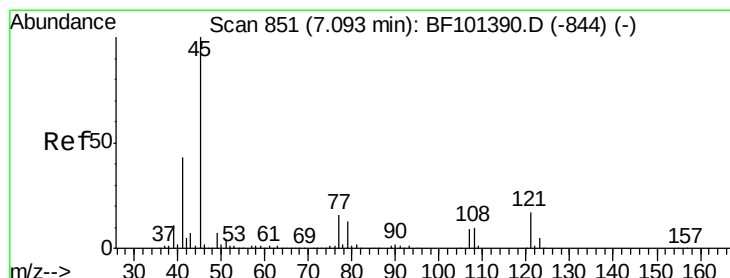
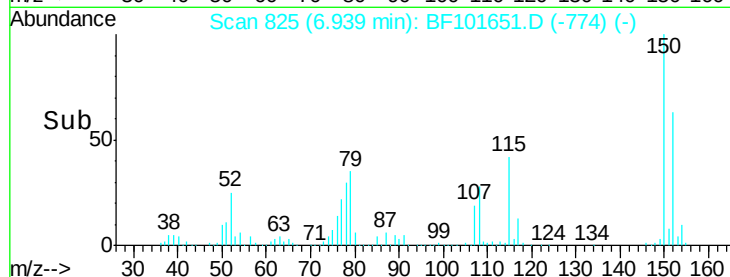
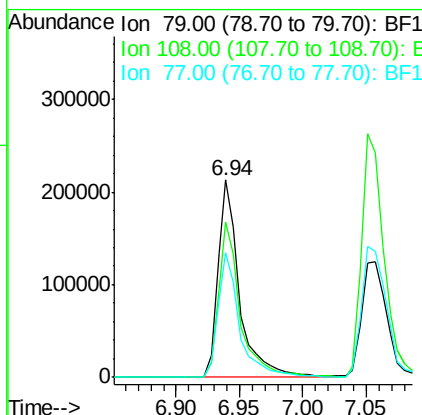
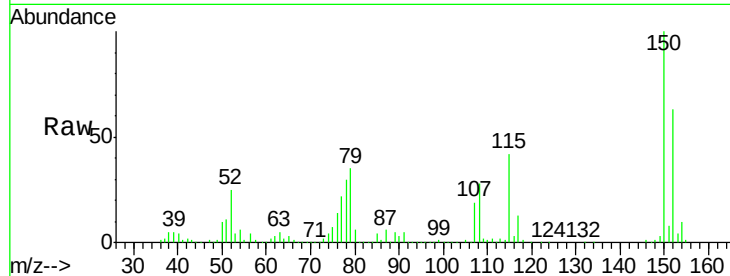




#15
Benzyl Alcohol
Concen: 31.524 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

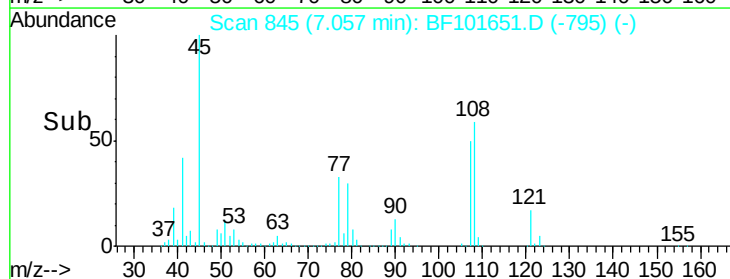
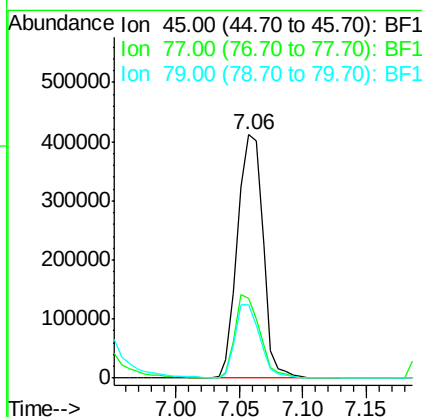
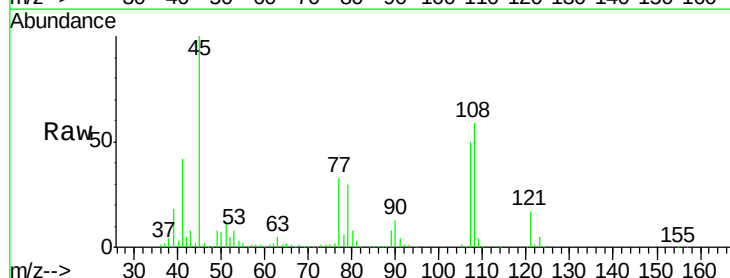
Instrument :
BNA_F
ClientSampleId :
PB105201BS

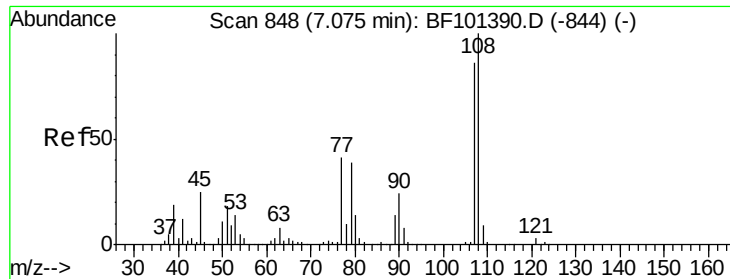
Tgt Ion: 79 Resp: 254671
Ion Ratio Lower Upper
79 100
108 79.0 65.1 97.7
77 63.3 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.442 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

Tgt Ion: 45 Resp: 569181
Ion Ratio Lower Upper
45 100
77 32.9 0.0 32.9
79 30.2 0.0 29.6#

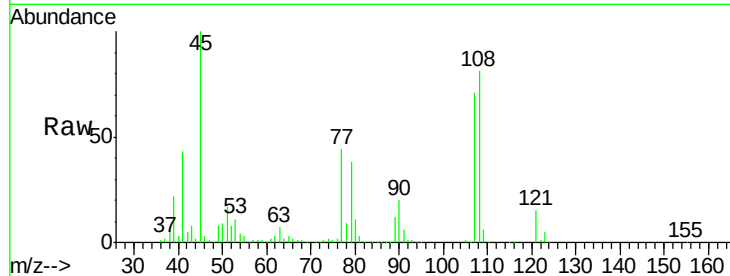




#17
2-Methylphenol
Concen: 30.178 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

Instrument :
BNA_F
ClientSampleId :
PB105201BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.7	137.5
77	61.1	33.8	50.8#
79	53.8	33.8	50.8#



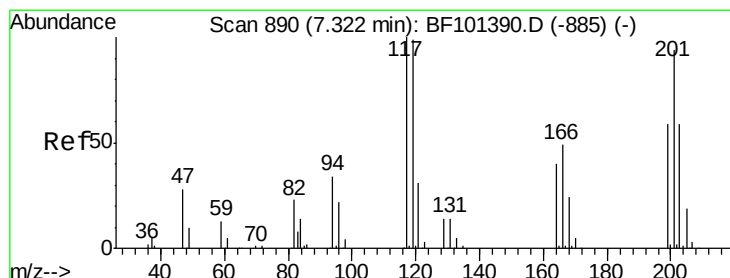
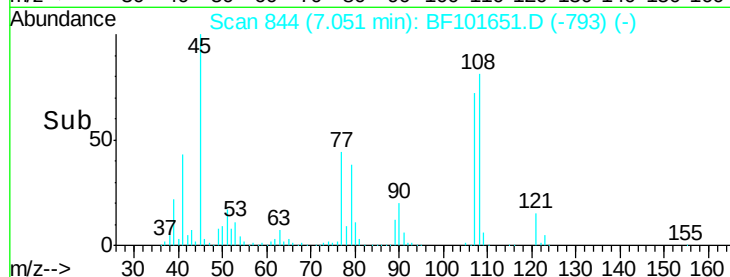
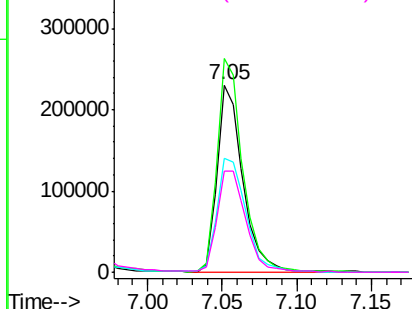
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

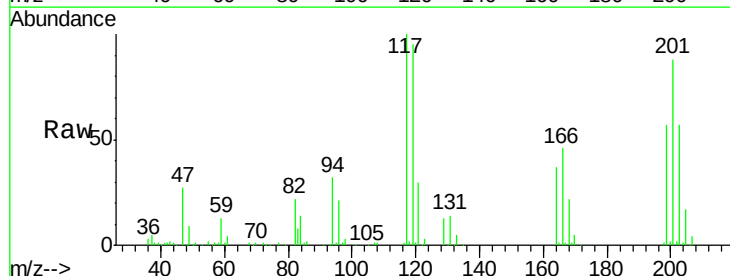
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 33.868 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.8
201	87.6	75.7	113.5

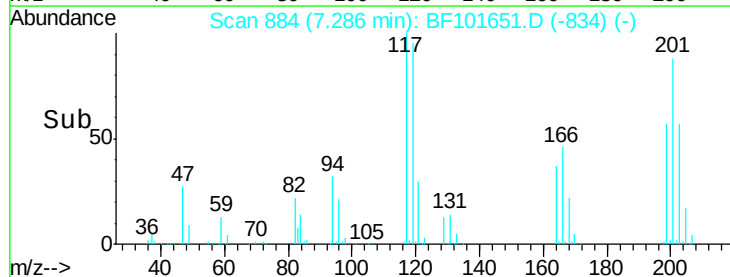
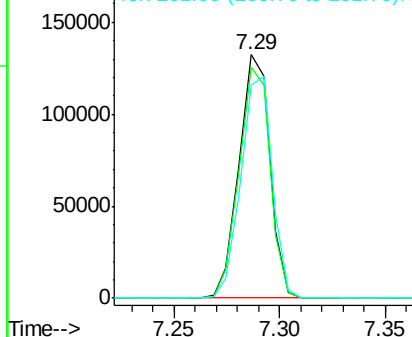


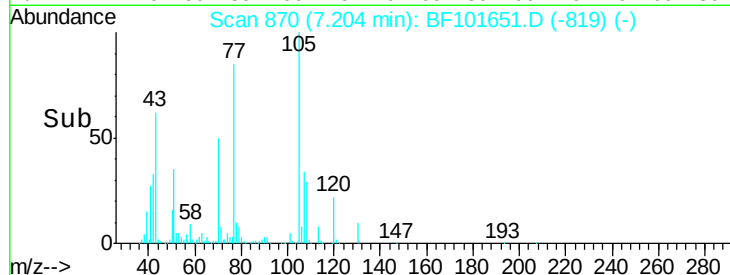
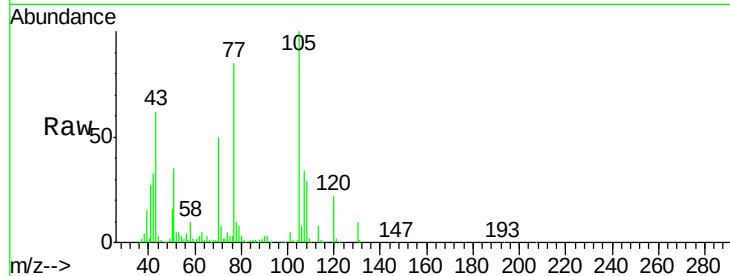
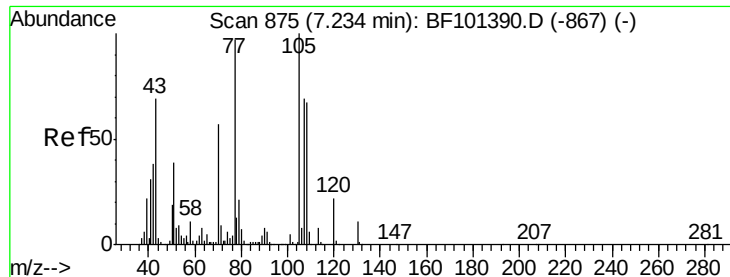
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

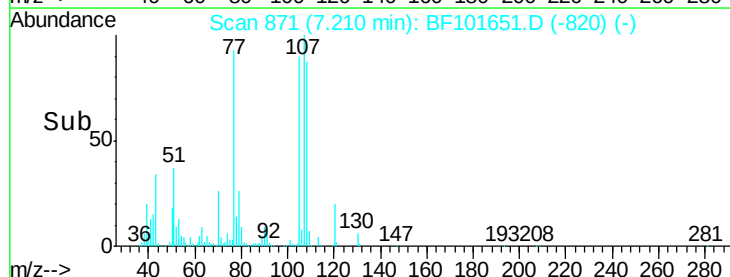
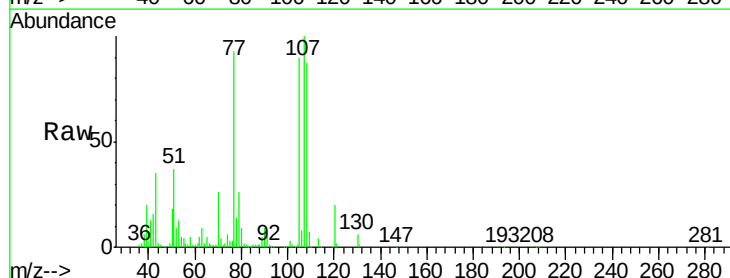
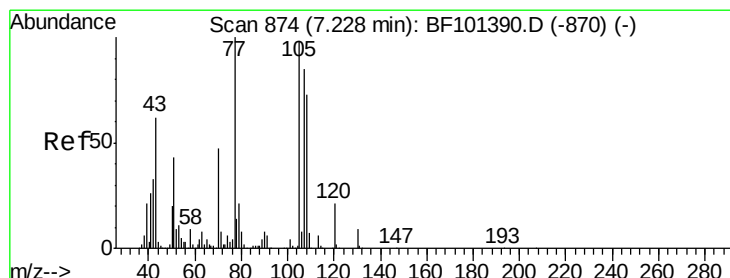
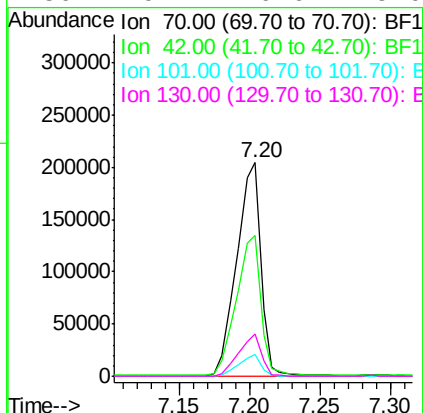




#19
n-Nitroso-di-n-propylamine
Concen: 31.971 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

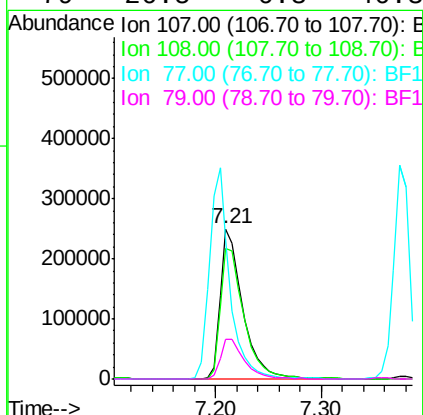
Instrument :
BNA_F
ClientSampleId :
PB105201BS

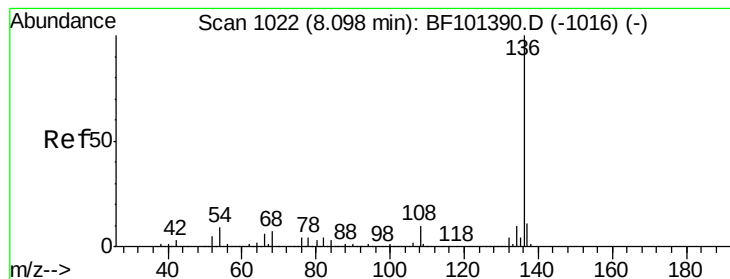
Tgt Ion: 70 Resp: 246430
Ion Ratio Lower Upper
70 100
42 66.2 47.5 71.3
101 10.0 7.4 11.2
130 19.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 38.147 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

Tgt Ion: 107 Resp: 368885
Ion Ratio Lower Upper
107 100
108 87.0 68.2 108.2
77 93.2 26.7 66.7#
79 26.5 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

Instrument :

BNA_F

ClientSampleId :

PB105201BS

Tgt Ion:136 Resp: 568253

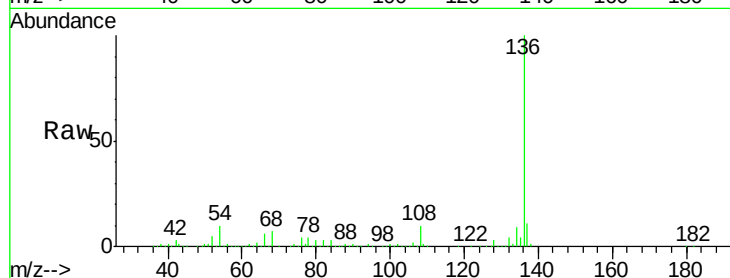
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.5 6.6 9.8

68 6.8 5.0 7.4

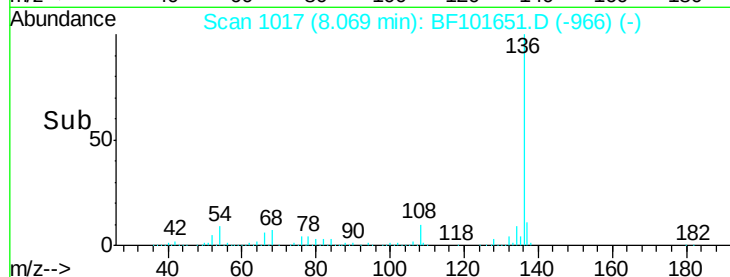


Abundance Ion 136.00 (135.70 to 136.70): E

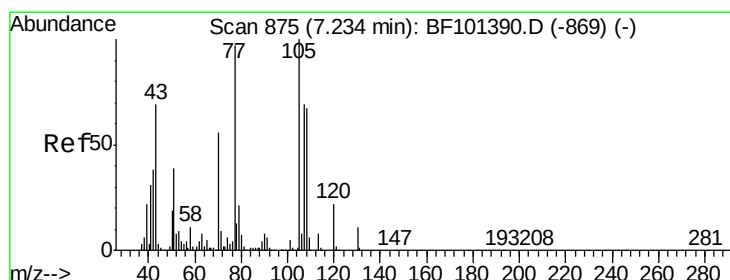
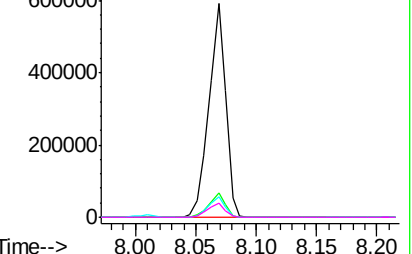
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 36.685 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

Tgt Ion:105 Resp: 475666

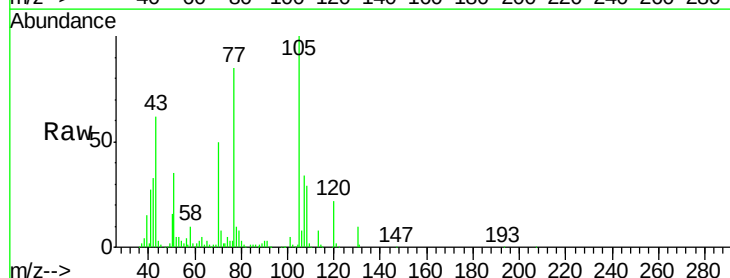
Ion Ratio Lower Upper

105 100

71 8.5 4.4 6.6#

51 35.0 22.3 33.5#

120 21.6 16.9 25.3

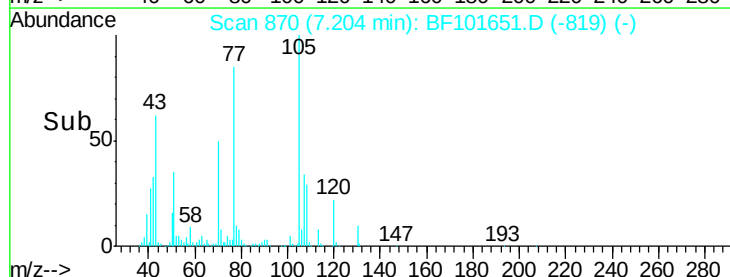


Abundance Ion 105.00 (104.70 to 105.70): E

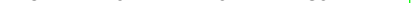
Ion 71.00 (70.70 to 71.70): BF1

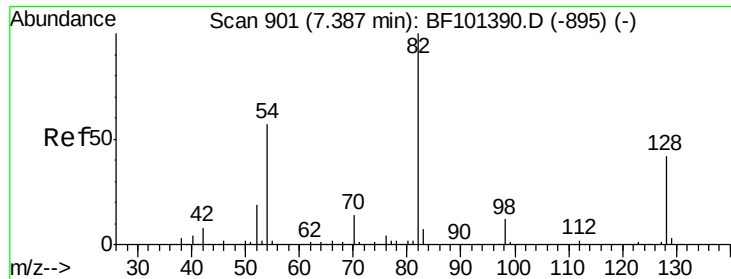
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

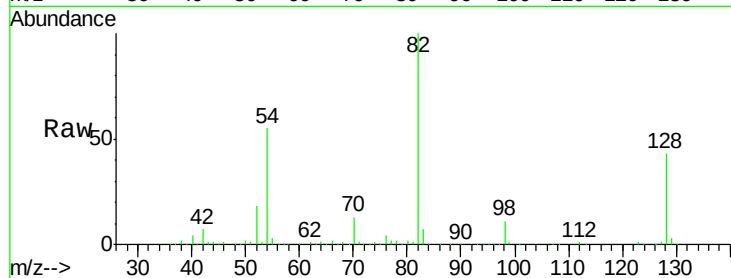




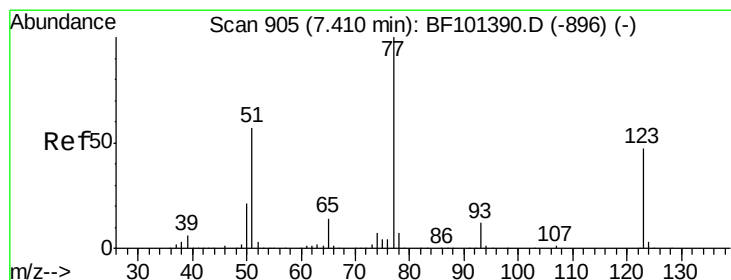
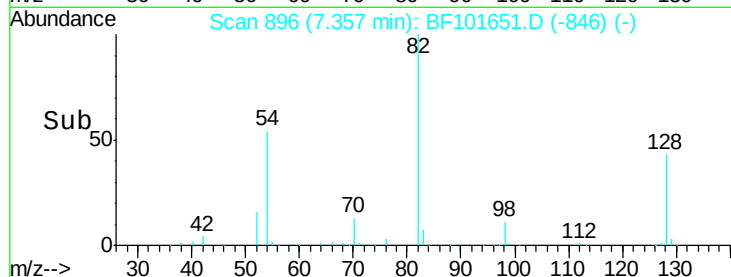
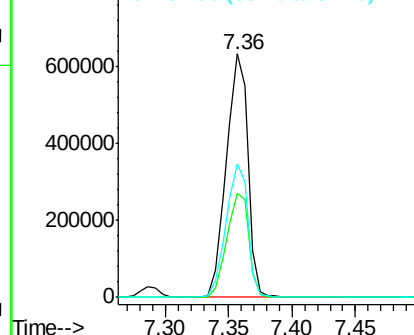
#23
 Nitrobenzene-d5
 Concen: 73.427 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF101651.D
 Acq: 22 Dec 2017 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB105201BS

Tgt Ion: 82 Resp: 749560
 Ion Ratio Lower Upper
 82 100
 128 42.9 36.1 54.1
 54 54.9 41.4 62.2

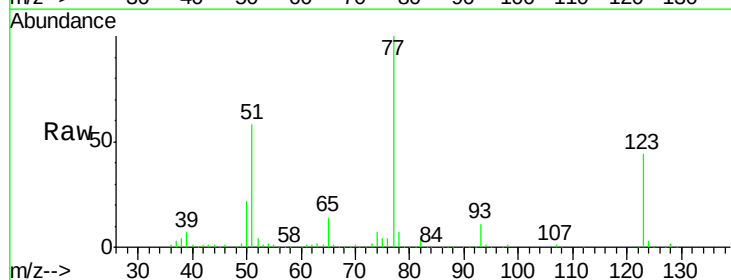


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

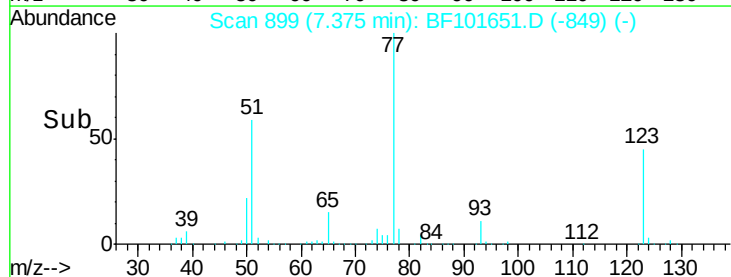
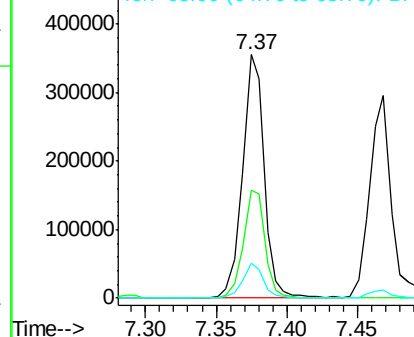


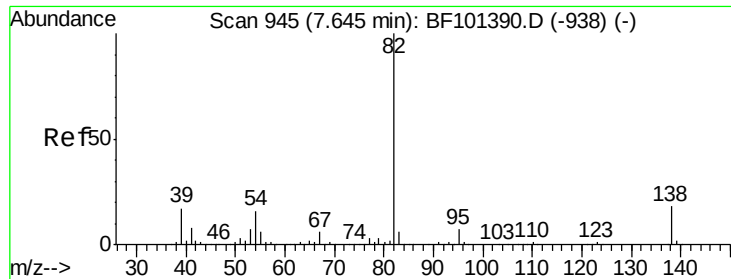
#24
 Nitrobenzene
 Concen: 33.494 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF101651.D
 Acq: 22 Dec 2017 14:16

Tgt Ion: 77 Resp: 378411
 Ion Ratio Lower Upper
 77 100
 123 44.3 37.9 56.9
 65 14.5 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

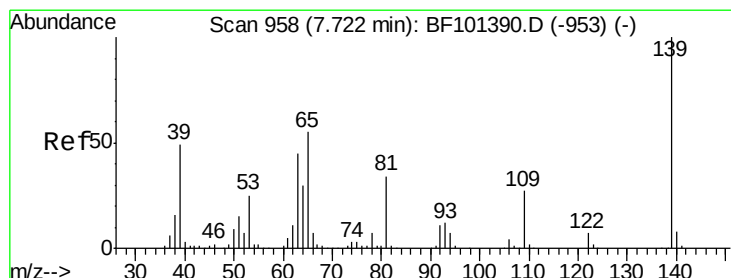
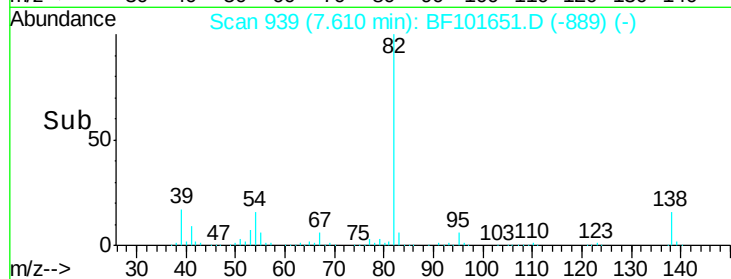
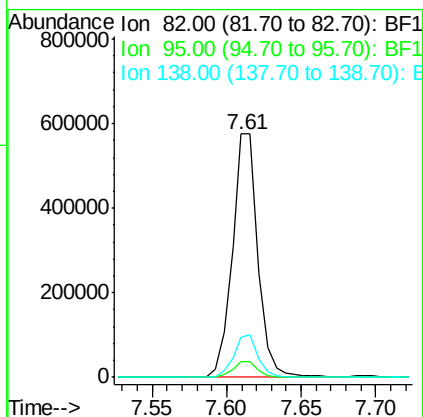
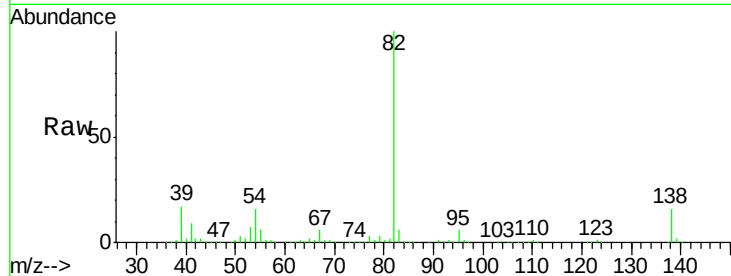




#25
Isophorone
Concen: 33.710 ng
RT: 7.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

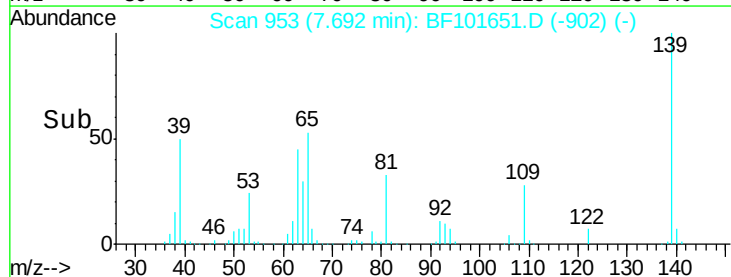
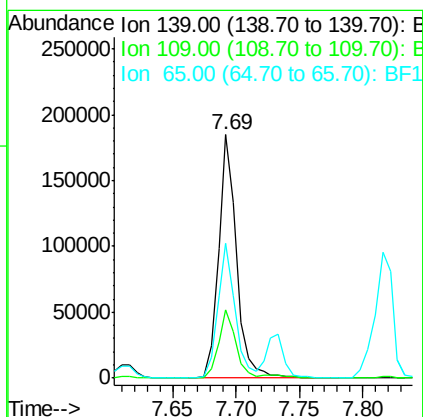
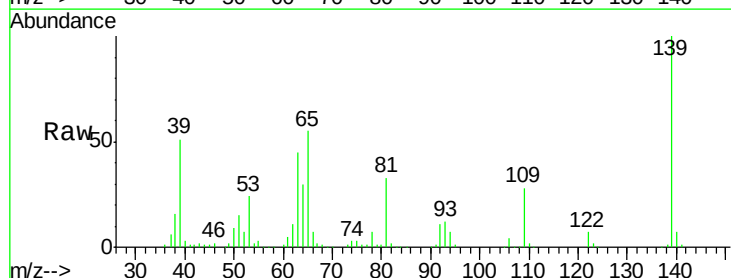
Instrument :
BNA_F
ClientSampleId :
PB105201BS

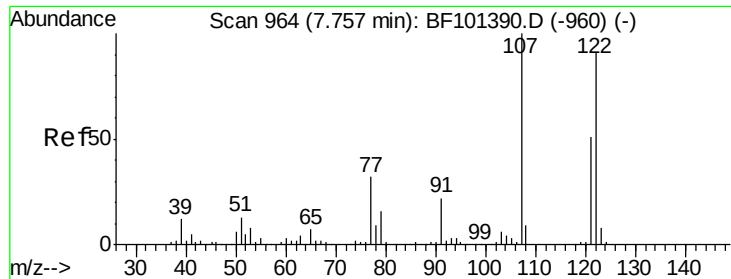
Tgt Ion: 82 Resp: 690338
Ion Ratio Lower Upper
82 100
95 6.4 5.2 7.8
138 16.4 14.9 22.3



#26
2-Nitrophenol
Concen: 37.883 ng
RT: 7.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

Tgt Ion: 139 Resp: 183879
Ion Ratio Lower Upper
139 100
109 28.1 22.7 34.1
65 55.2 40.5 60.7

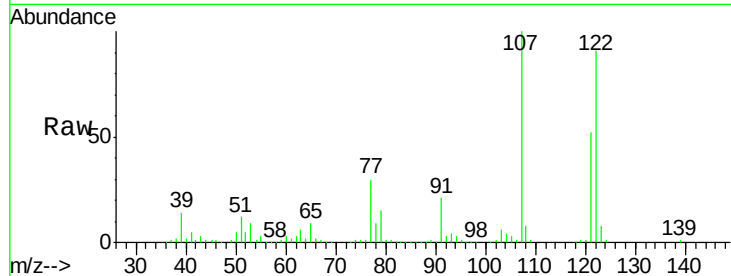




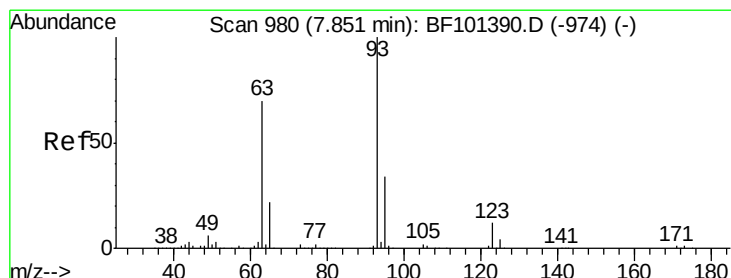
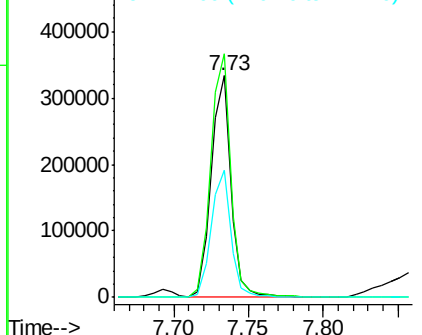
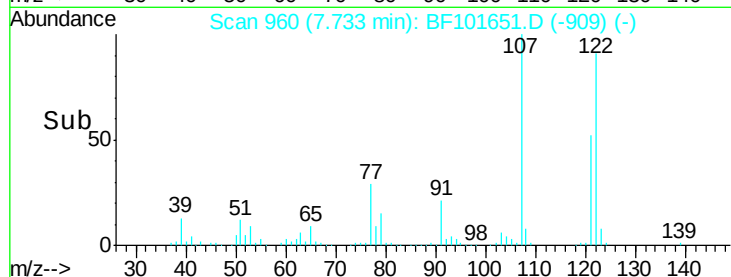
#27
2,4-Dimethylphenol
Concen: 37.029 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

Instrument :
BNA_F
ClientSampleId :
PB105201BS

Tgt Ion:122 Resp: 305339
Ion Ratio Lower Upper
122 100
107 109.8 91.2 136.8
121 57.1 47.2 70.8

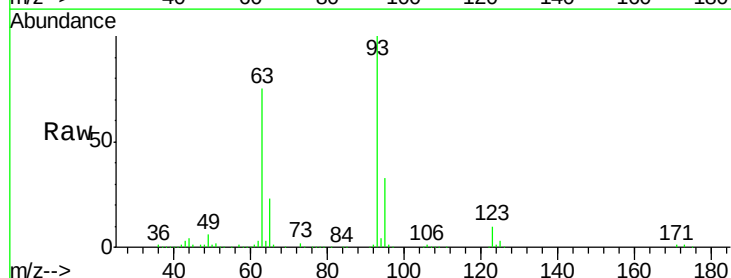


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

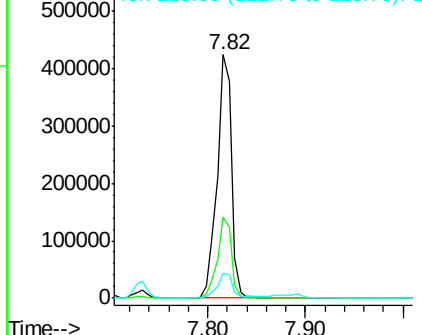
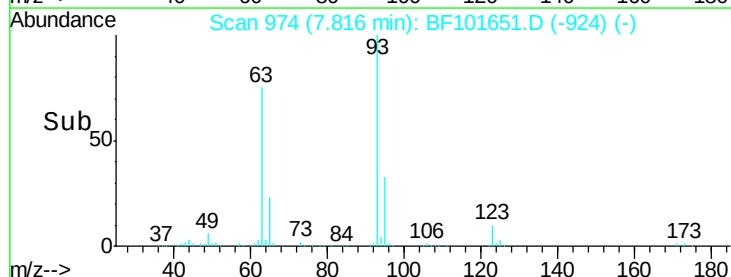


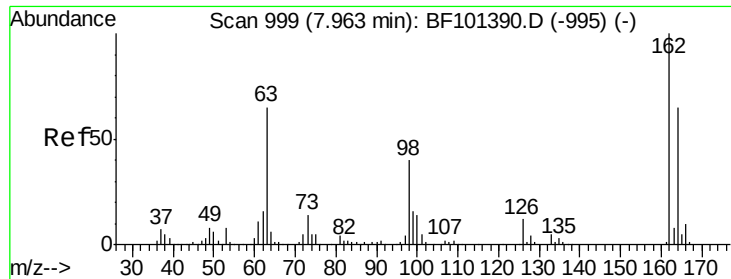
#28
bis(2-Chloroethoxy)methane
Concen: 33.475 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

Tgt Ion: 93 Resp: 435456
Ion Ratio Lower Upper
93 100
95 33.2 26.3 39.5
123 10.0 9.8 14.6



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

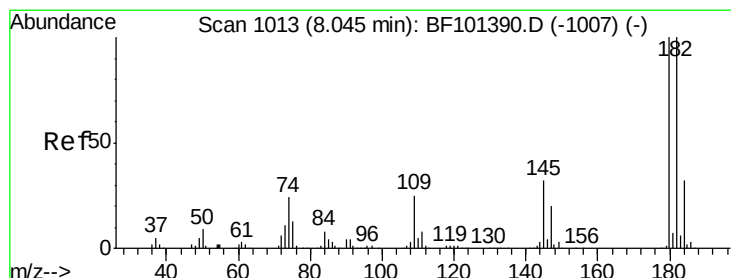
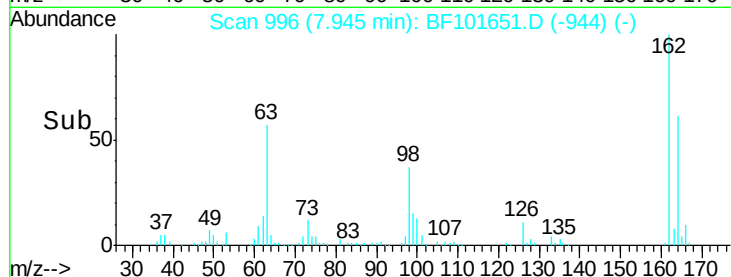
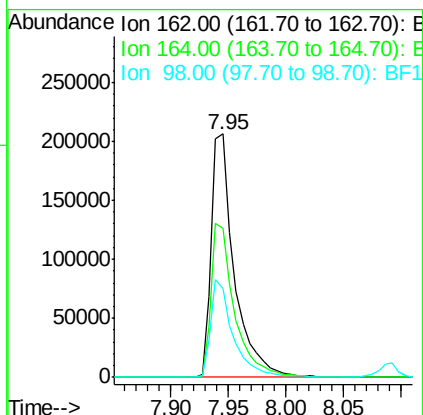
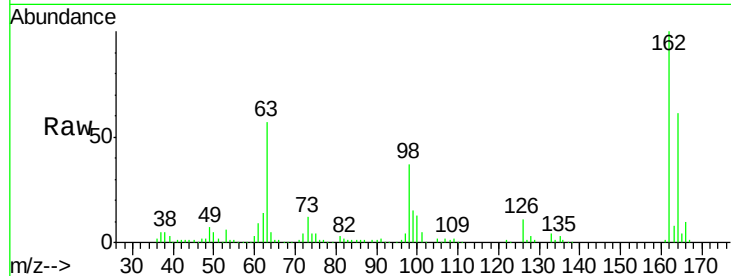




#29
 2,4-Dichlorophenol
 Concen: 35.164 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.01 min
 Lab File: BF101651.D
 Acq: 22 Dec 2017 14:16

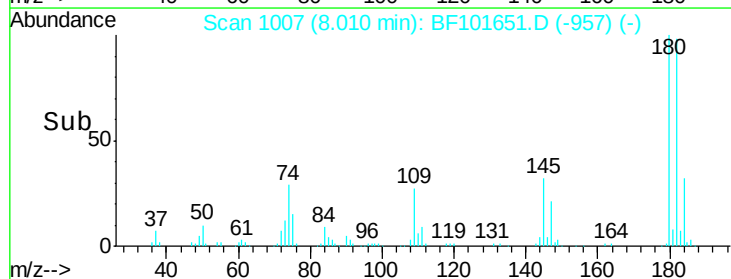
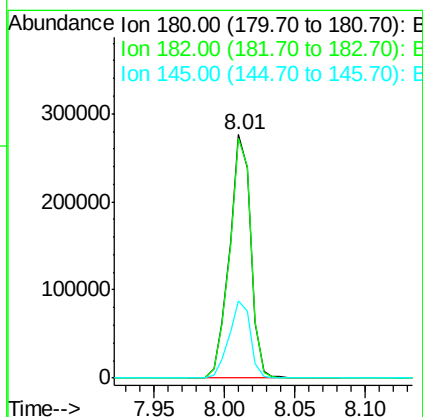
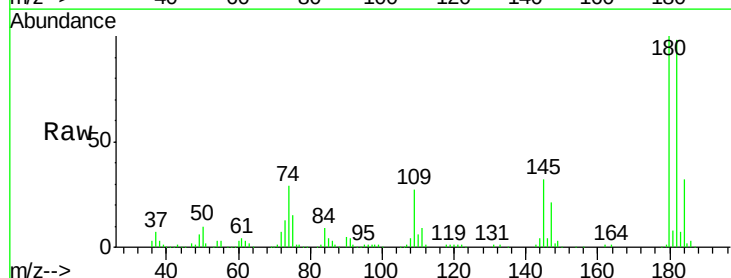
Instrument :
 BNA_F
 ClientSampleId :
 PB105201BS

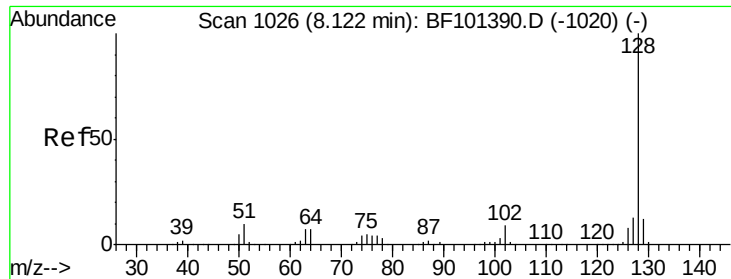
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.2	42.7	82.7
98	36.6	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 33.600 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF101651.D
 Acq: 22 Dec 2017 14:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	76.8	115.2
145	32.0	26.5	39.7

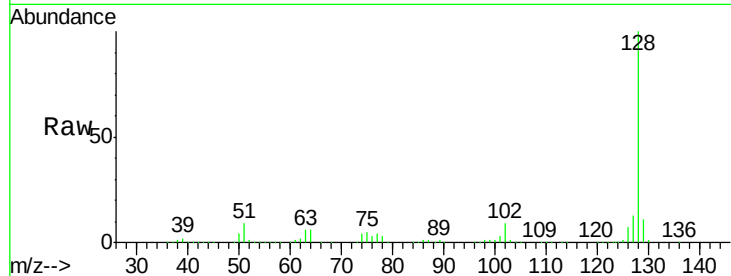




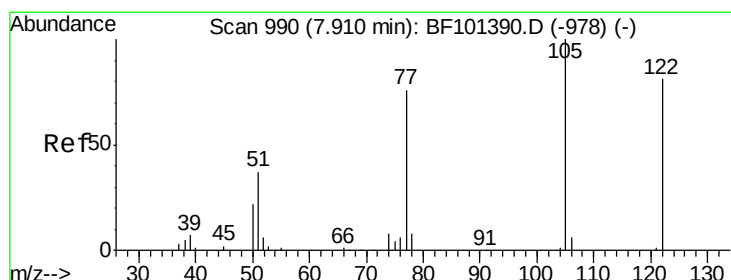
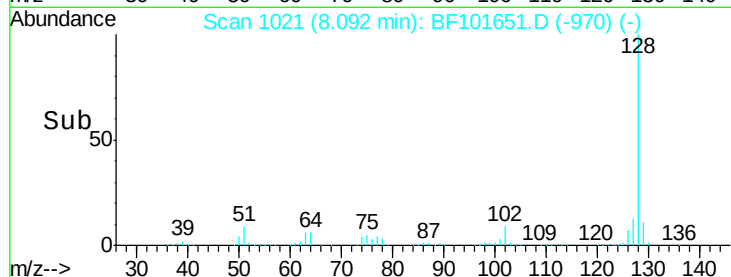
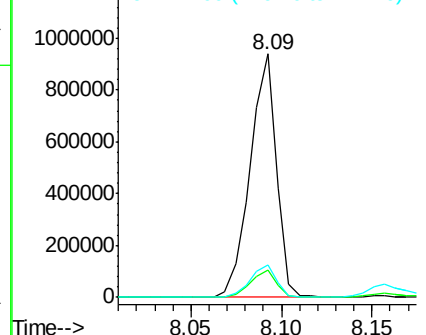
#31
Naphthalene
Concen: 33.103 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

Instrument :
BNA_F
ClientSampleId :
PB105201BS

Tgt Ion:128 Resp: 947022
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.9 16.3

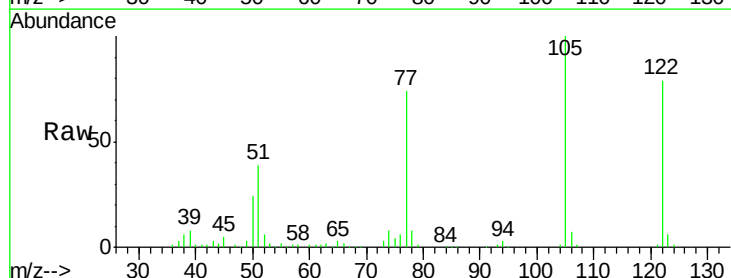


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

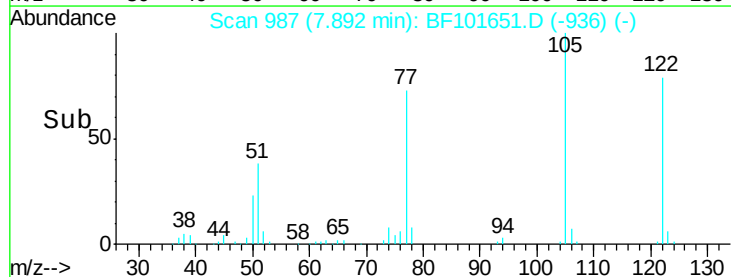
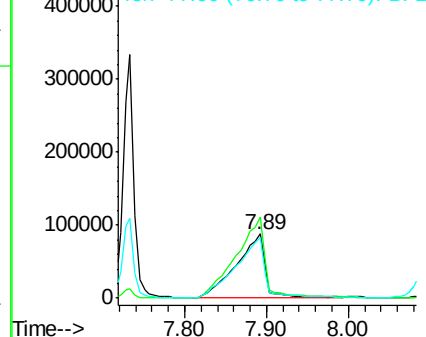


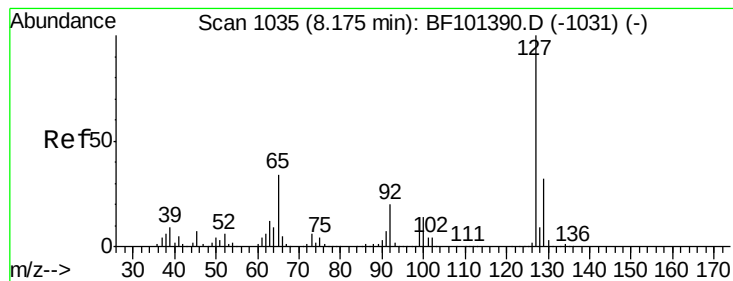
#32
Benzoic acid
Concen: 40.449 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

Tgt Ion:122 Resp: 216400
Ion Ratio Lower Upper
122 100
105 126.2 101.1 141.1
77 94.0 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: 6.797 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

Instrument :

BNA_F

ClientSampleId :

PB105201BS

Tgt Ion:127 Resp: 84510

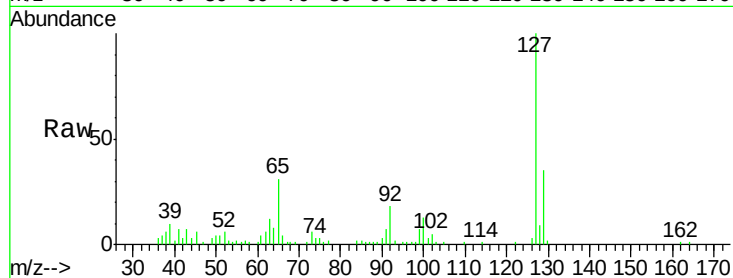
Ion Ratio Lower Upper

127 100

129 34.7 25.9 38.9

65 31.5 25.0 37.4

92 17.7 15.2 22.8

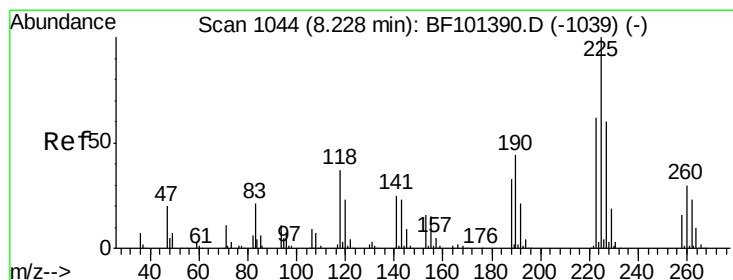
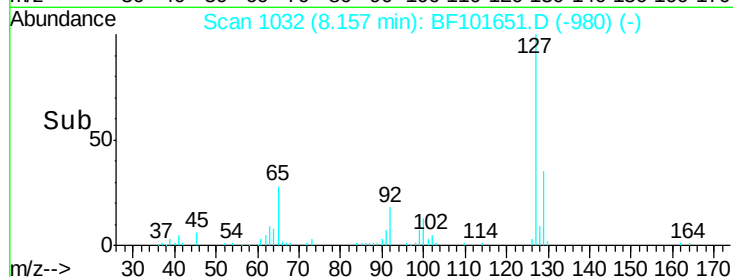
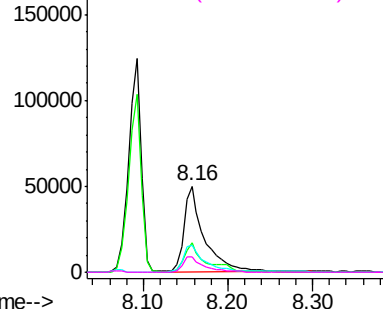


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 32.890 ng

RT: 8.20 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

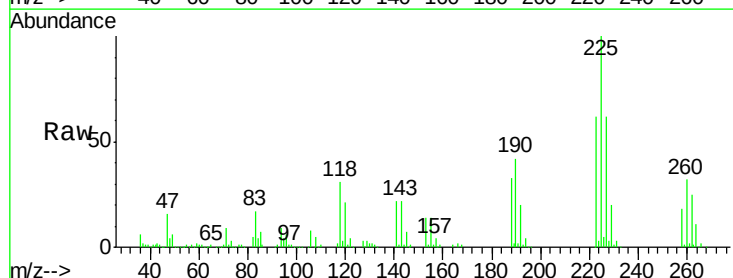
Tgt Ion:225 Resp: 163540

Ion Ratio Lower Upper

225 100

223 62.4 50.6 76.0

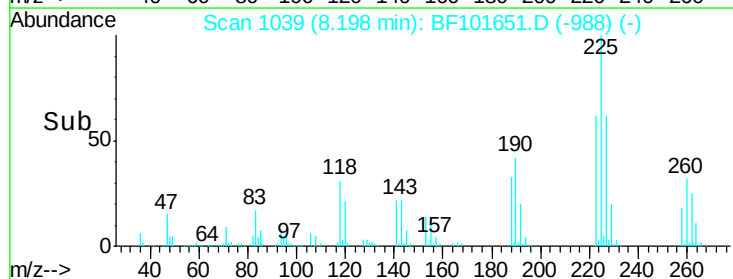
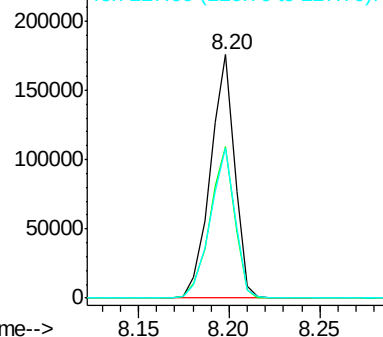
227 61.5 51.9 77.9

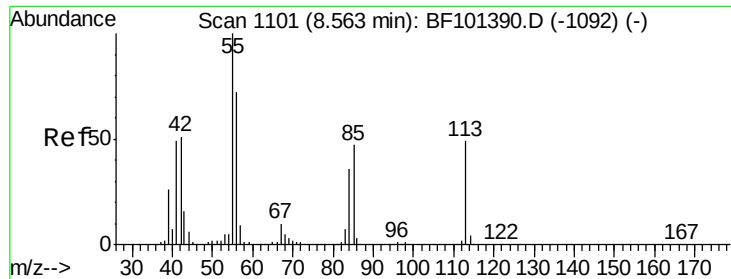


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

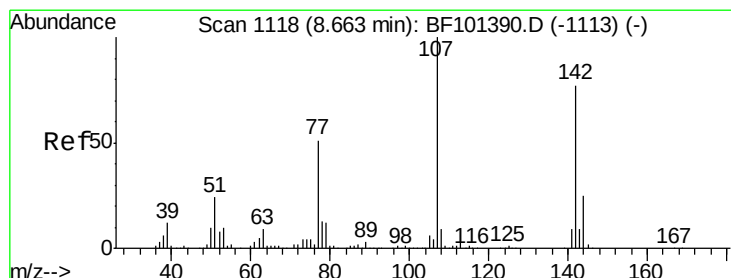
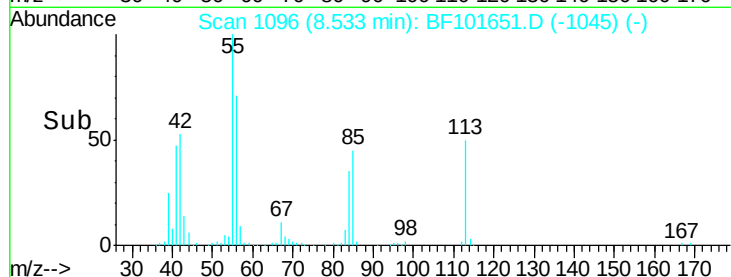
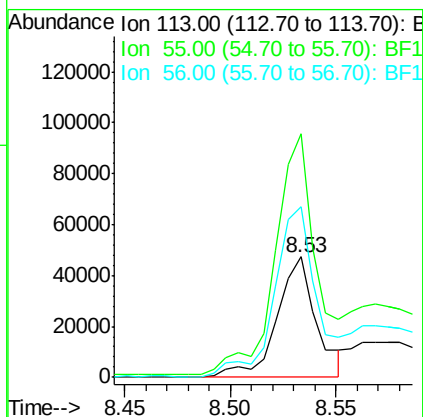
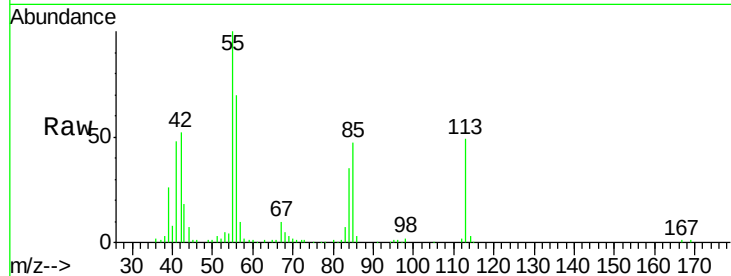




#35
 Caprolactam
 Concen: 21.714 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF101651.D
 Acq: 22 Dec 2017 14:16

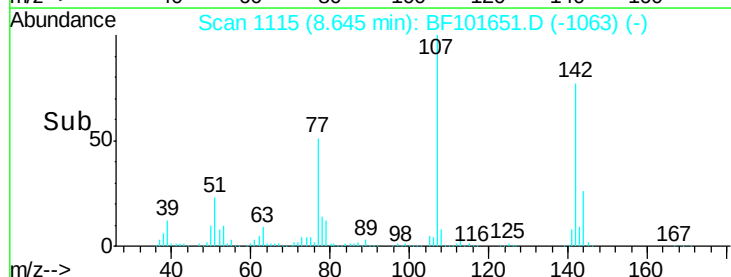
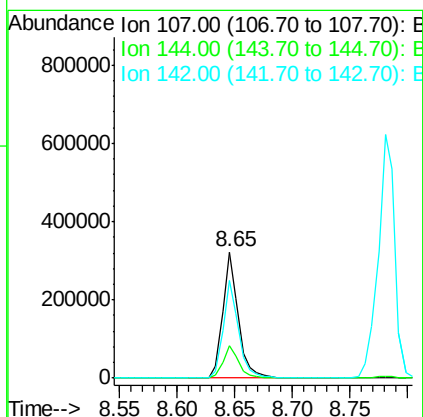
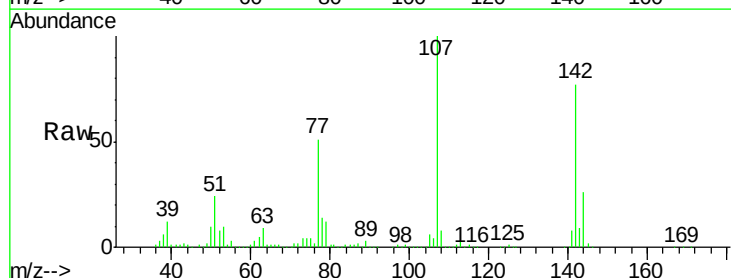
Instrument :
 BNA_F
 ClientSampleId :
 PB105201BS

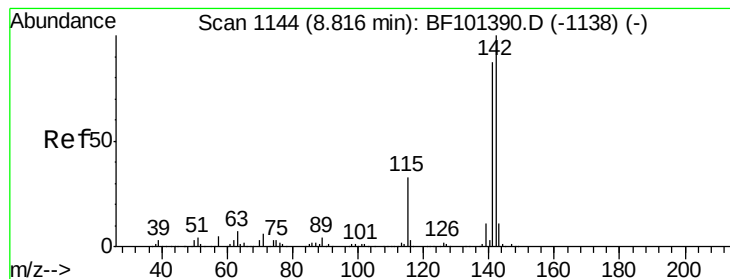
Tgt Ion:113 Resp: 61424
 Ion Ratio Lower Upper
 113 100
 55 202.3 163.3 203.3
 56 141.6 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 33.729 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF101651.D
 Acq: 22 Dec 2017 14:16

Tgt Ion:107 Resp: 302014
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.5 30.7
 142 77.4 62.0 93.0





#37

2-Methylnaphthalene

Concen: 34.090 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

Instrument :

BNA_F

ClientSampleId :

PB105201BS

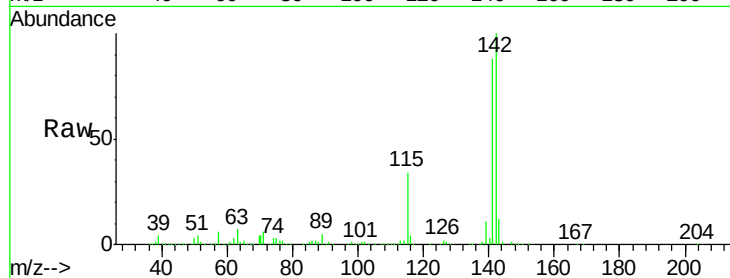
Tgt Ion:142 Resp: 635382

Ion Ratio Lower Upper

142 100

141 87.7 70.8 106.2

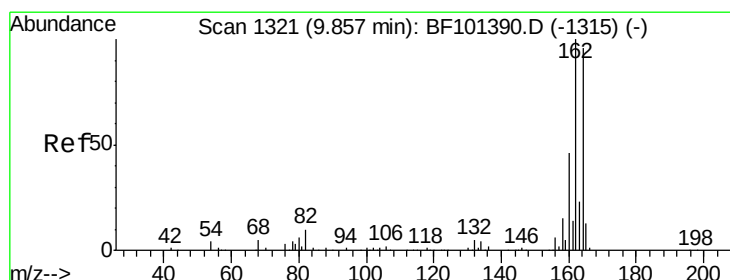
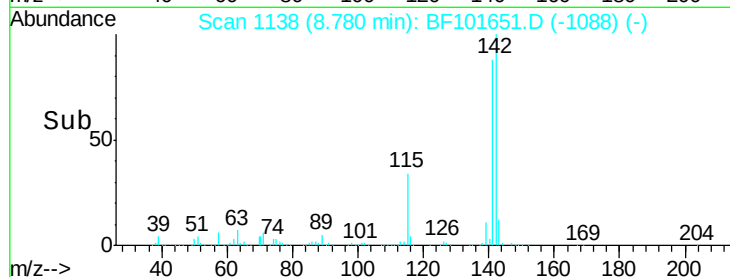
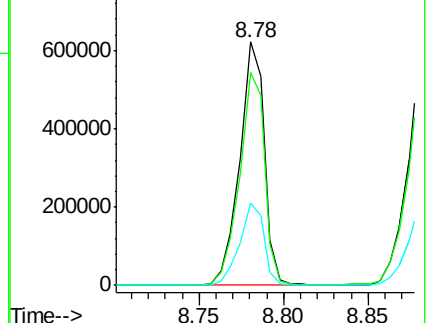
115 34.0 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

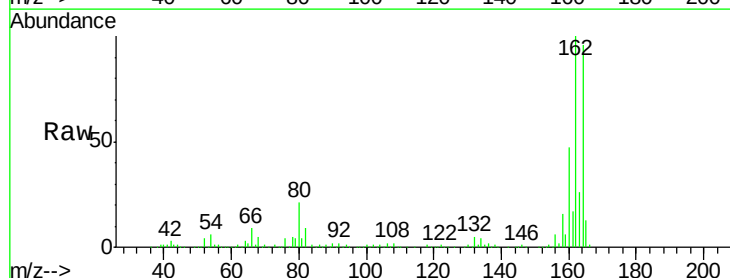
Tgt Ion:164 Resp: 257840

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

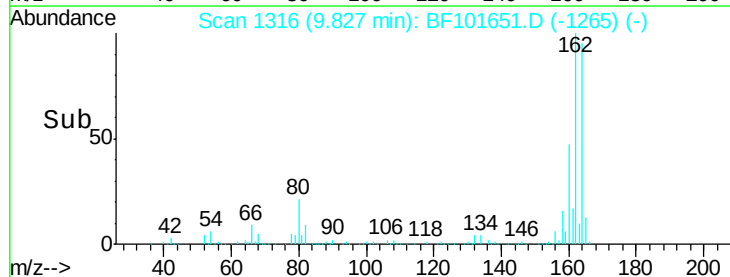
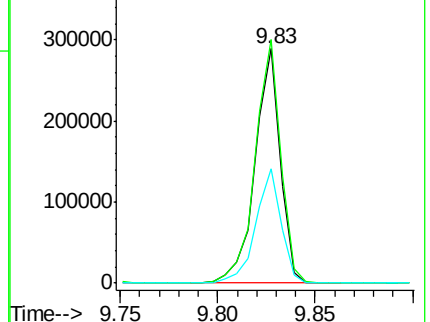
160 48.8 38.3 57.5

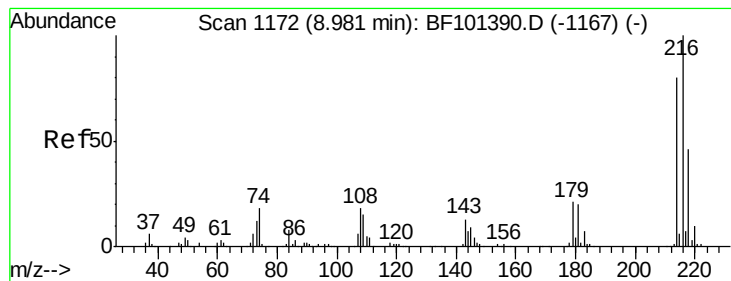


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

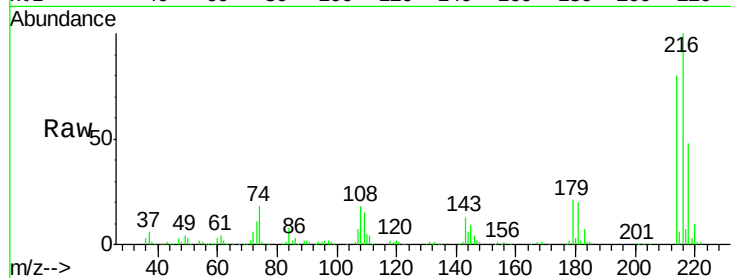




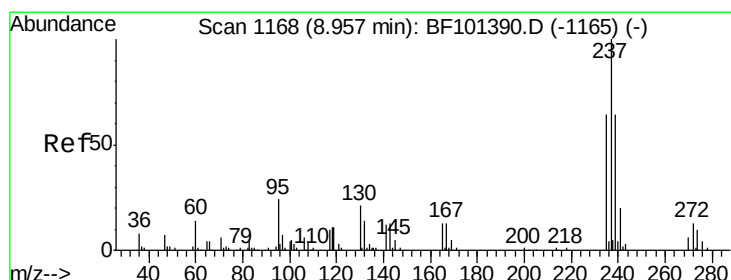
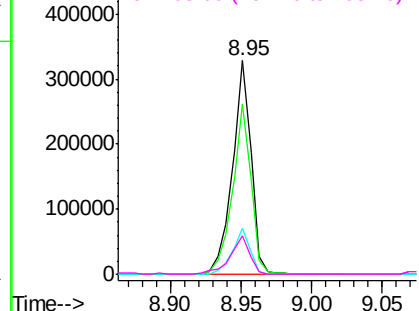
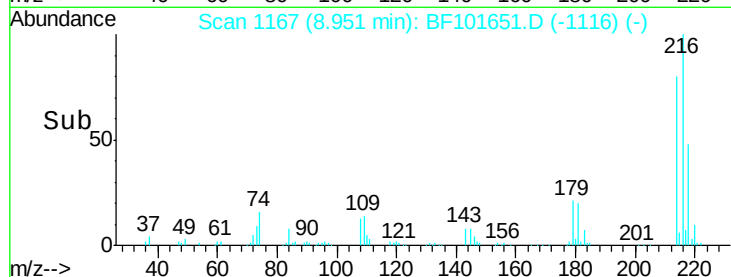
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.521 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF101651.D
 Acq: 22 Dec 2017 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB105201BS

Tgt Ion:	216	Resp:	300518
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.0	94.4
179	20.8	18.1	27.1
108	18.8	17.2	25.8

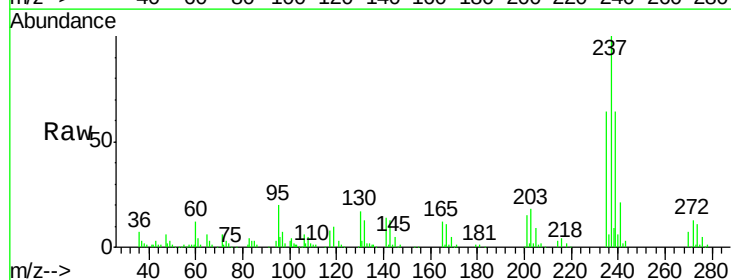


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

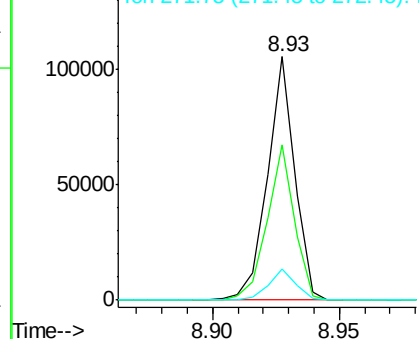
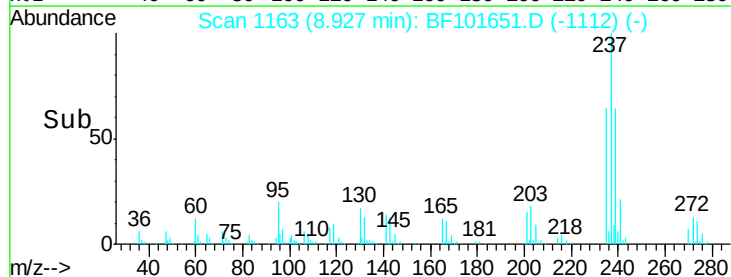


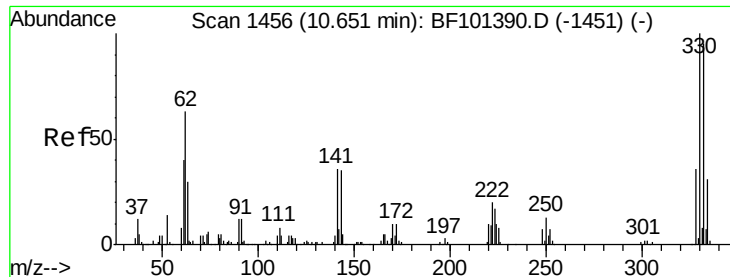
#40
 Hexachlorocyclopentadiene
 Concen: 53.887 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF101651.D
 Acq: 22 Dec 2017 14:16

Tgt Ion:	237	Resp:	79023
Ion Ratio	Lower	Upper	
237	100		
235	64.0	44.8	84.8
272	12.8	0.0	33.3



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

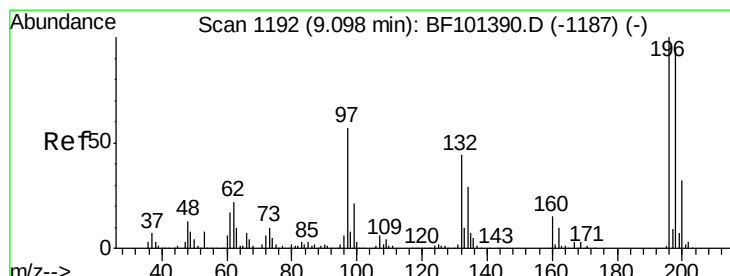
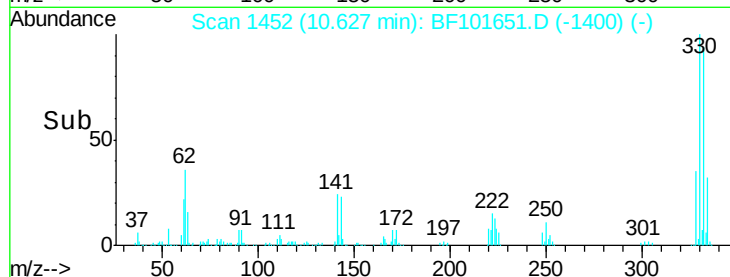
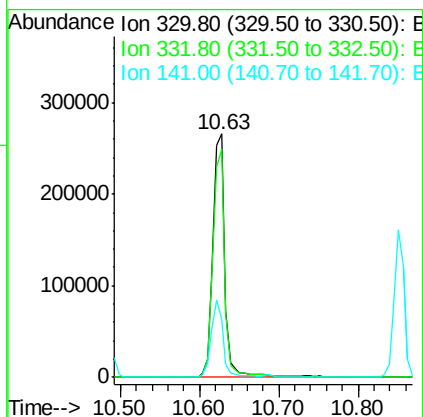
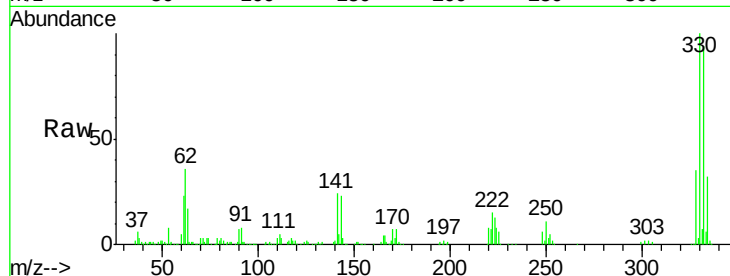




#41
 2,4,6-Tribromophenol
 Concen: 112.721 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101651.D
 Acq: 22 Dec 2017 14:16

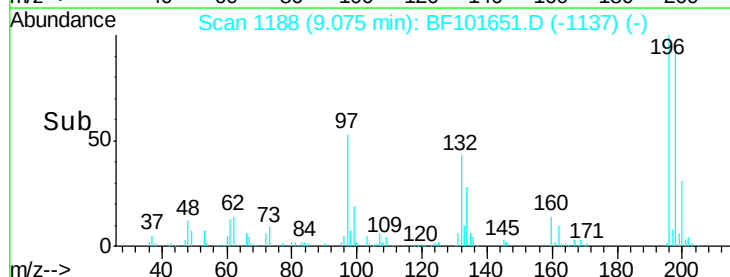
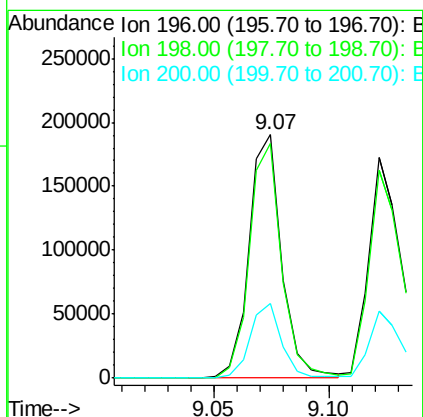
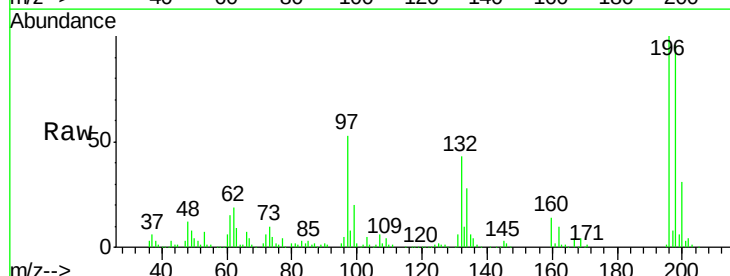
Instrument :
 BNA_F
 ClientSampleId :
 PB105201BS

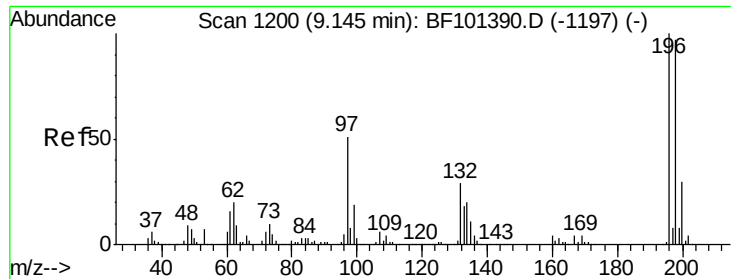
Tgt Ion:330 Resp: 280054
 Ion Ratio Lower Upper
 330 100
 332 92.4 77.0 115.6
 141 31.0 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 35.918 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF101651.D
 Acq: 22 Dec 2017 14:16

Tgt Ion:196 Resp: 188239
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.7 113.5
 200 30.6 24.5 36.7

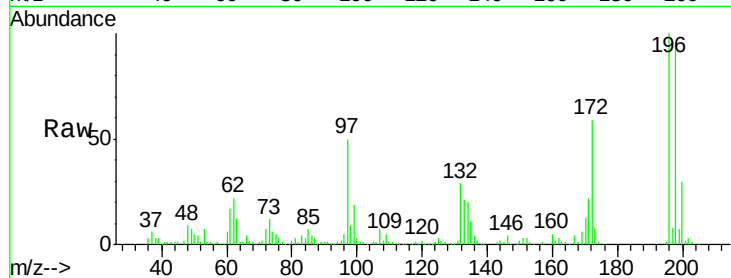




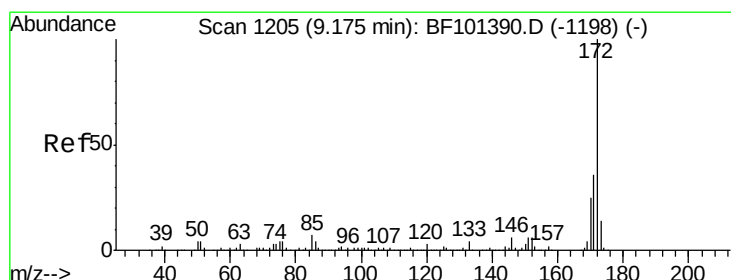
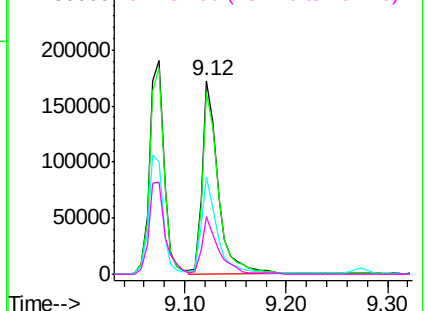
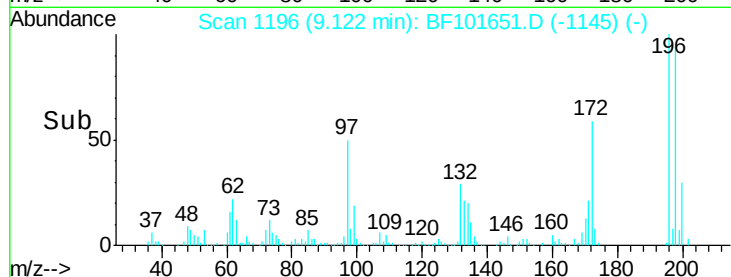
#43
 2,4,5-Trichlorophenol
 Concen: 32.818 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF101651.D
 Acq: 22 Dec 2017 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB105201BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	74.6	112.0
97	50.0	42.9	64.3
132	29.5	26.3	39.5

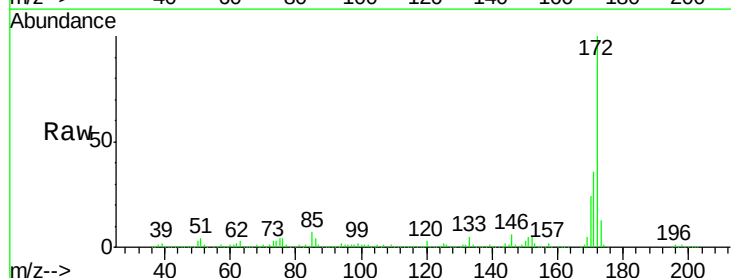


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

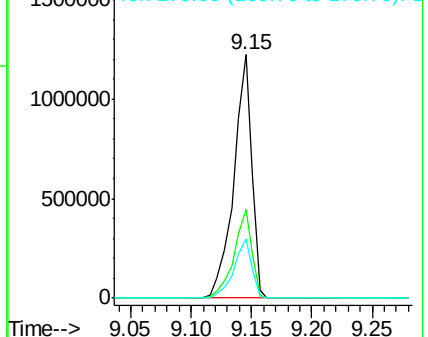
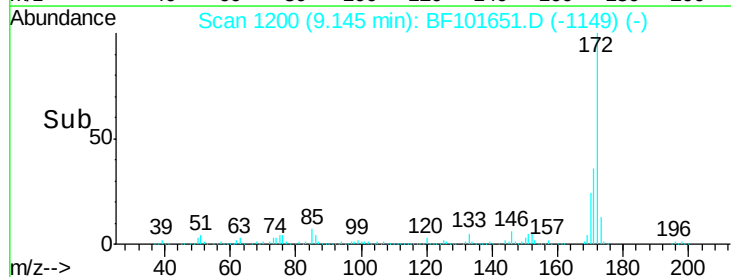


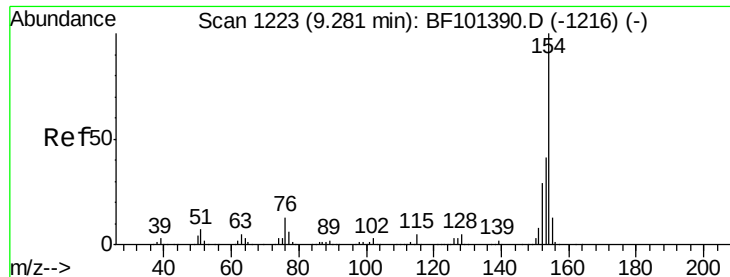
#44
 2-Fluorobiphenyl
 Concen: 76.430 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101651.D
 Acq: 22 Dec 2017 14:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4



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

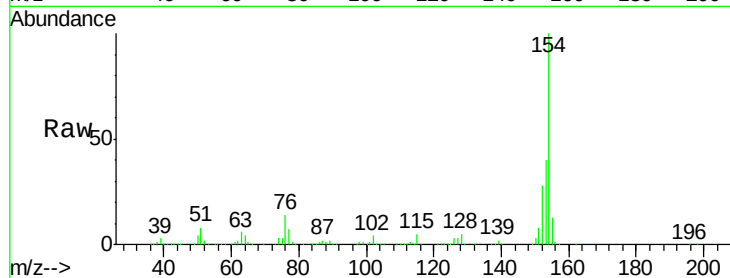




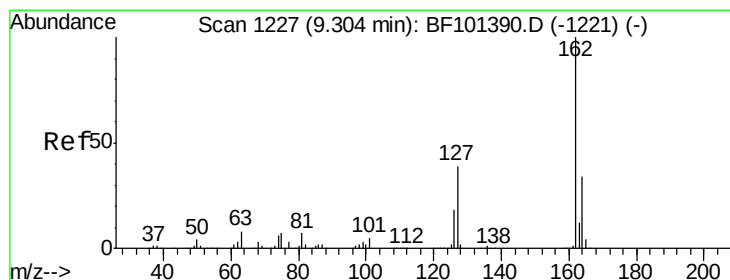
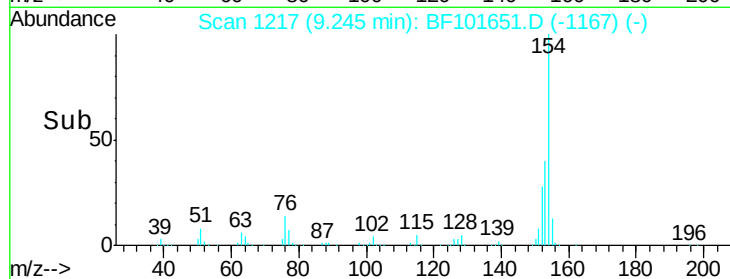
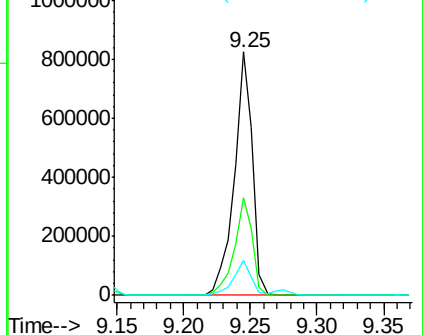
#45
 1,1'-Biphenyl
 Concen: 34.270 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF101651.D
 Acq: 22 Dec 2017 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB105201BS

Tgt Ion:154 Resp: 783634
 Ion Ratio Lower Upper
 154 100
 153 40.1 21.3 61.3
 76 14.3 0.0 34.0

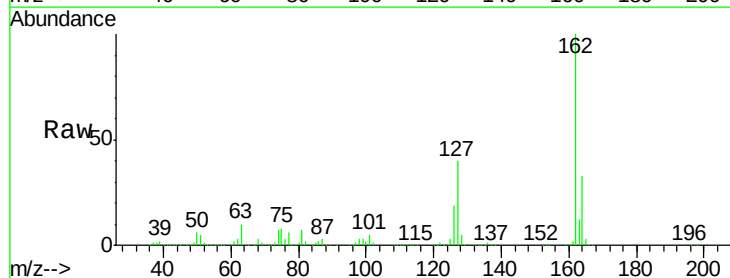


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

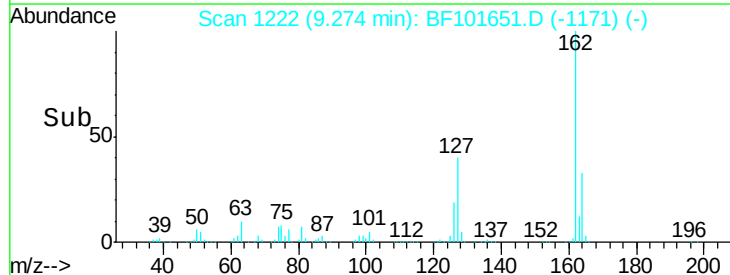
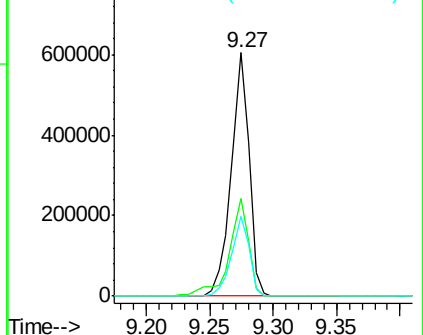


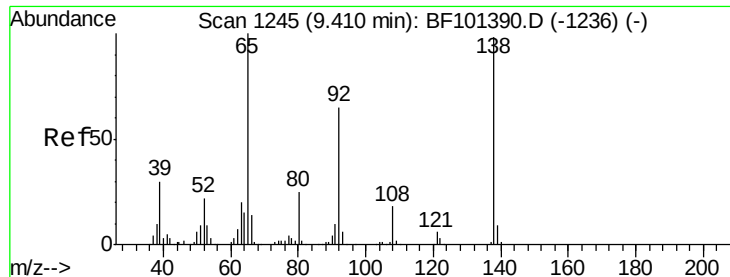
#46
 2-Chloronaphthalene
 Concen: 33.559 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF101651.D
 Acq: 22 Dec 2017 14:16

Tgt Ion:162 Resp: 587171
 Ion Ratio Lower Upper
 162 100
 127 40.1 33.9 50.9
 164 33.0 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

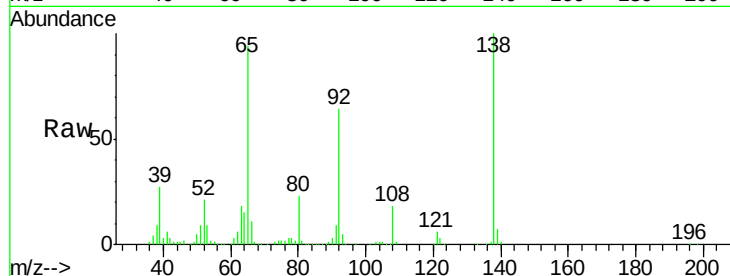




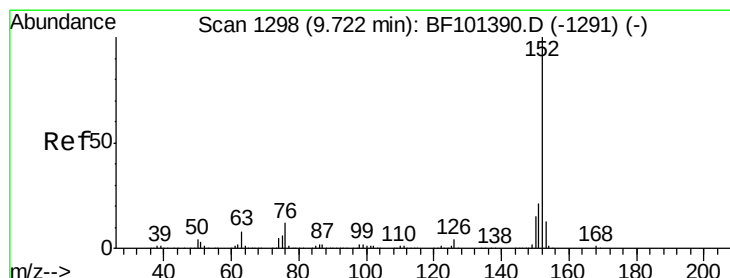
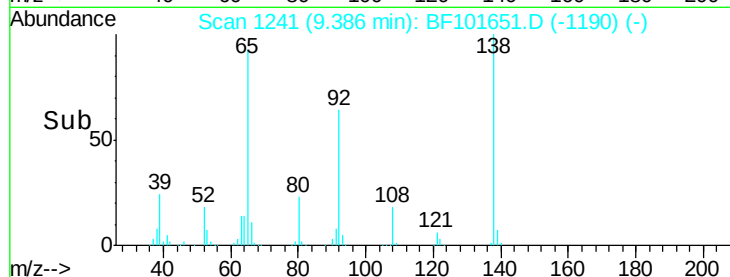
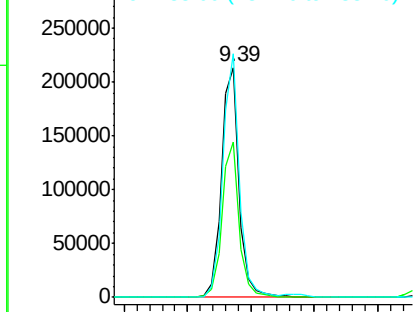
#47
2-Nitroaniline
Concen: 34.416 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

Instrument :
BNA_F
ClientSampleId :
PB105201BS

Tgt Ion: 65 Resp: 208017
Ion Ratio Lower Upper
65 100
92 67.4 55.8 83.6
138 105.9 91.2 136.8

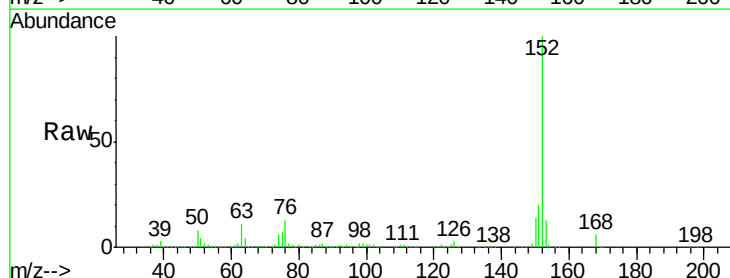


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

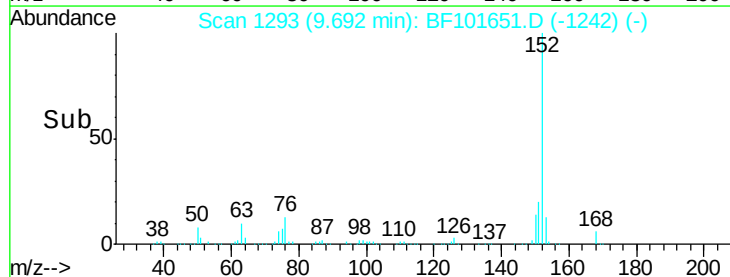
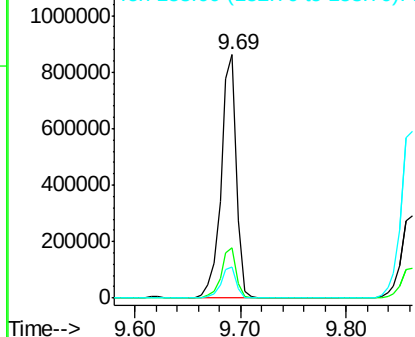


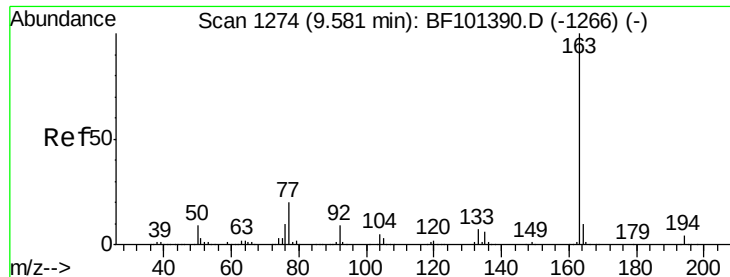
#48
Acenaphthylene
Concen: 31.548 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

Tgt Ion: 152 Resp: 871834
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 12.7 10.7 16.1



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





#49

Dimethylphthalate

Concen: 31.293 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

Instrument :

BNA_F

ClientSampleId :

PB105201BS

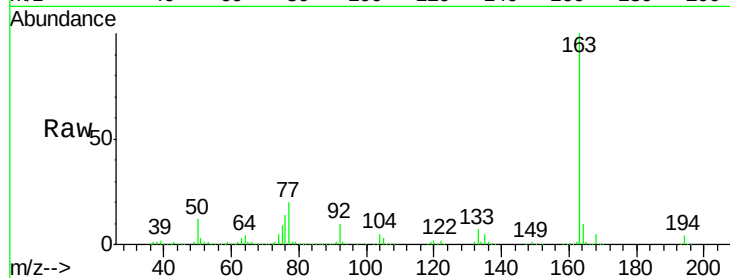
Tgt Ion:163 Resp: 648998

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

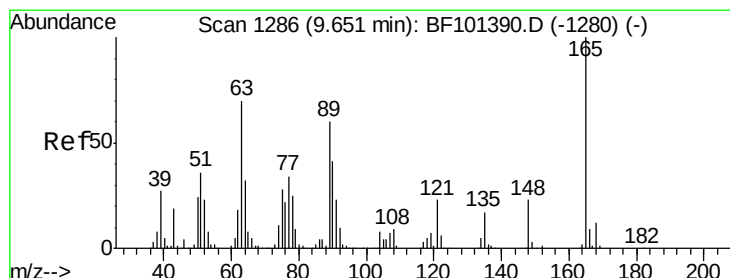
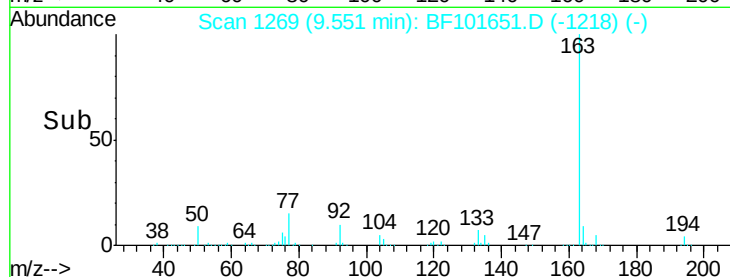
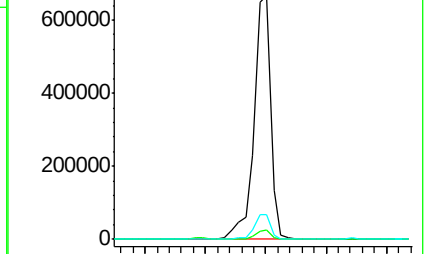
164 10.0 8.2 12.2



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: 34.455 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

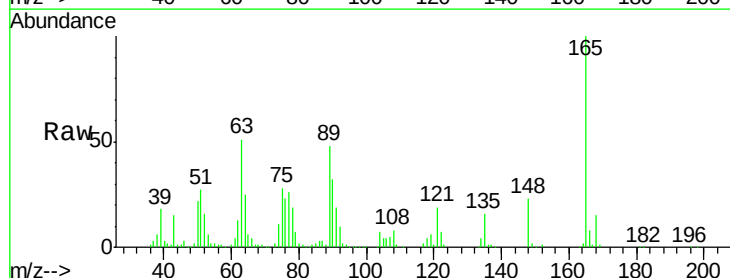
Tgt Ion:165 Resp: 145234

Ion Ratio Lower Upper

165 100

63 50.8 44.7 67.1

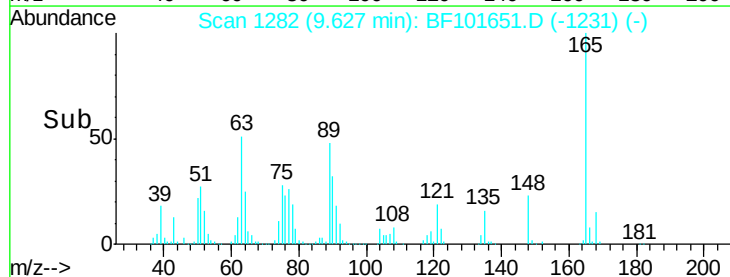
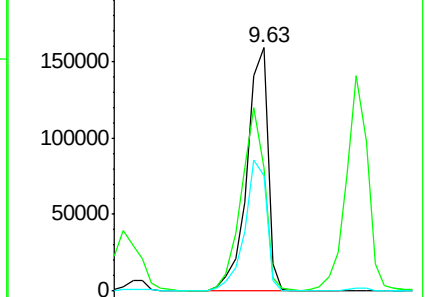
89 47.6 44.0 66.0

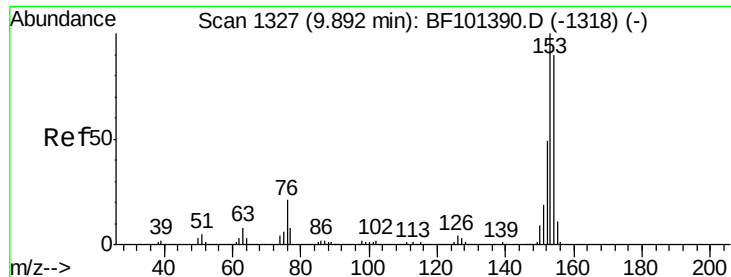


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 31.711 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

Instrument :

BNA_F

ClientSampleId :

PB105201BS

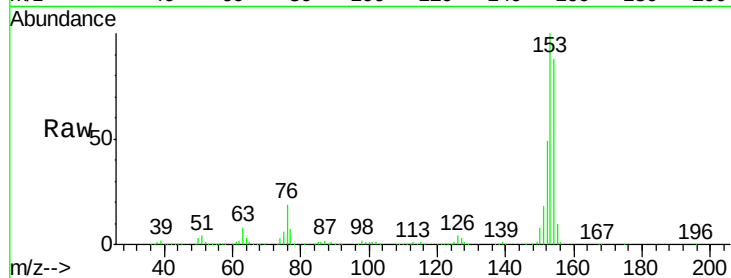
Tgt Ion:154 Resp: 526502

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

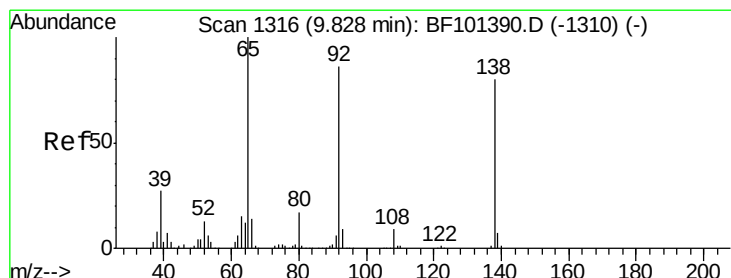
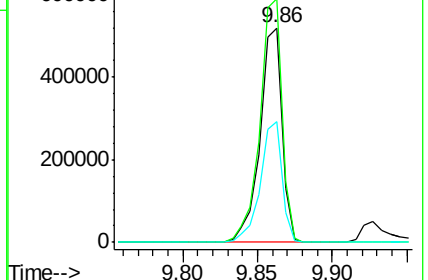
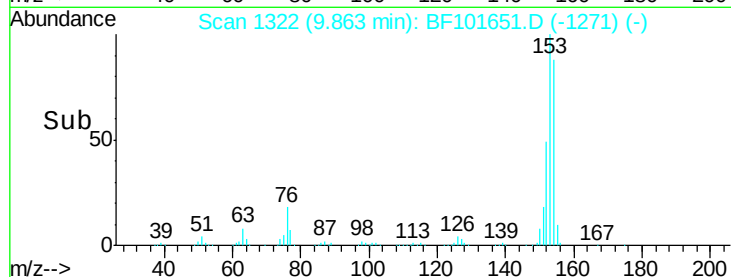
152 56.0 43.8 65.8



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: 17.005 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

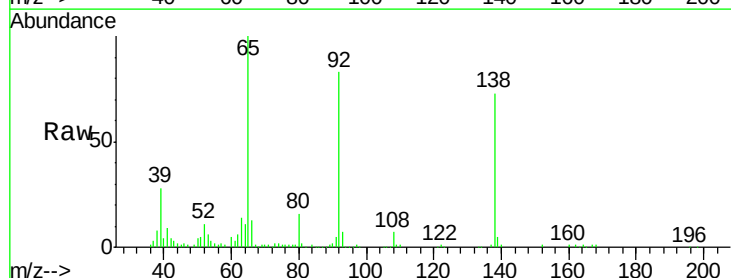
Tgt Ion:138 Resp: 89368

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

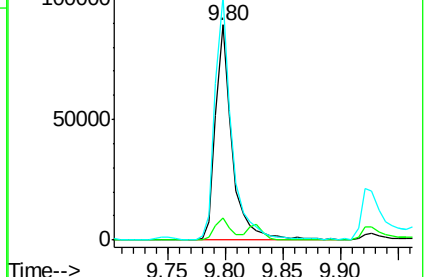
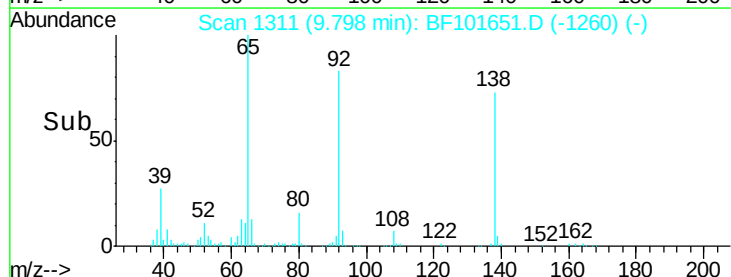
92 113.3 89.4 134.2

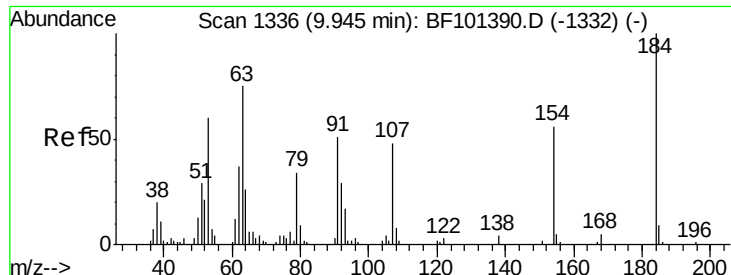


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

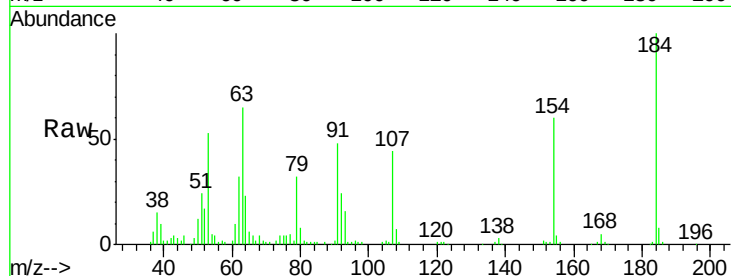




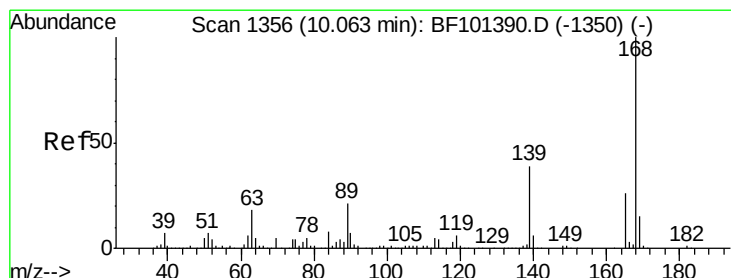
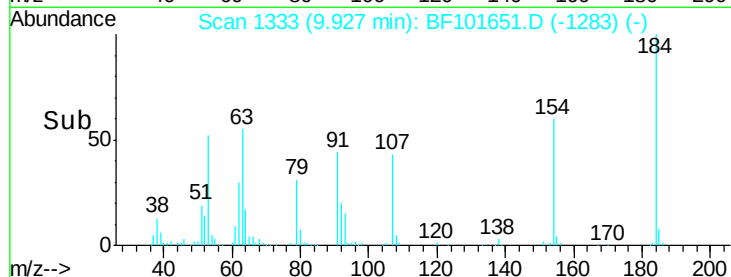
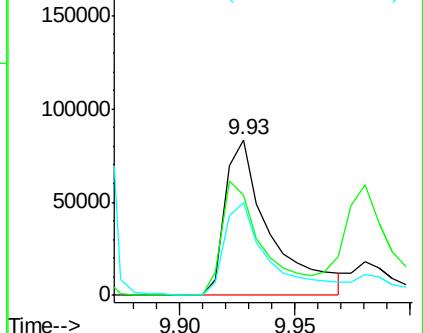
#53
2,4-Dinitrophenol
Concen: 77.358 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

Instrument :
BNA_F
ClientSampleId :
PB105201BS

Tgt Ion:184 Resp: 112997
Ion Ratio Lower Upper
184 100
63 64.8 54.2 81.2
154 59.7 184.0 276.0#

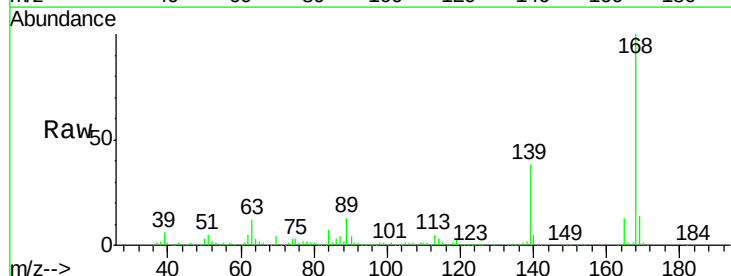


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

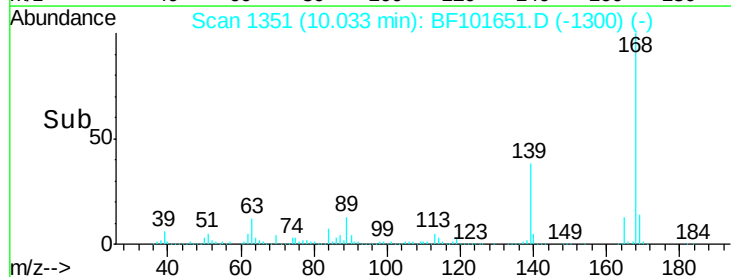
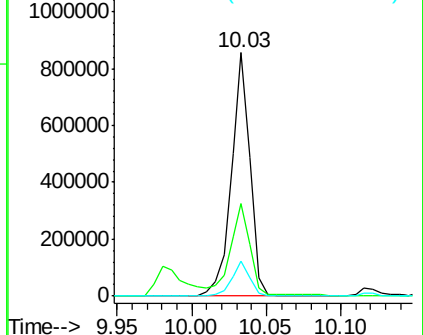


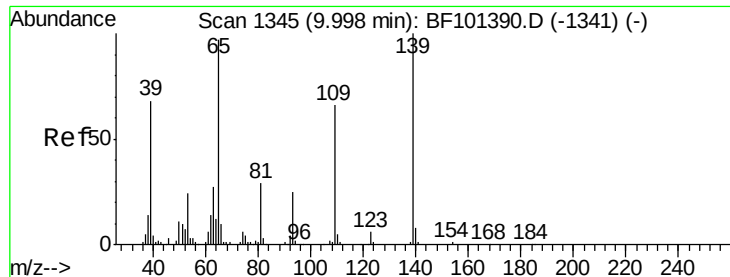
#54
Dibenzofuran
Concen: 35.497 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

Tgt Ion:168 Resp: 748976
Ion Ratio Lower Upper
168 100
139 38.3 30.1 45.1
169 14.2 10.9 16.3



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

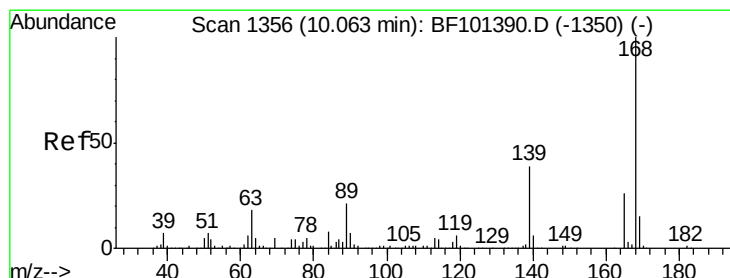
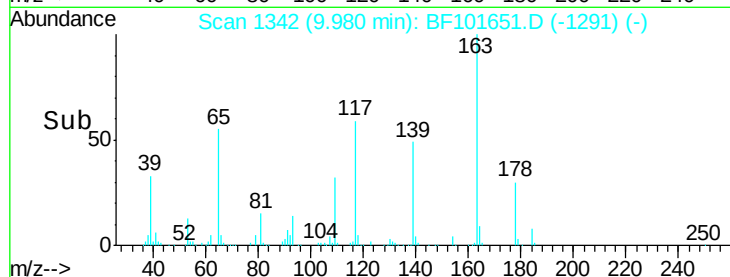
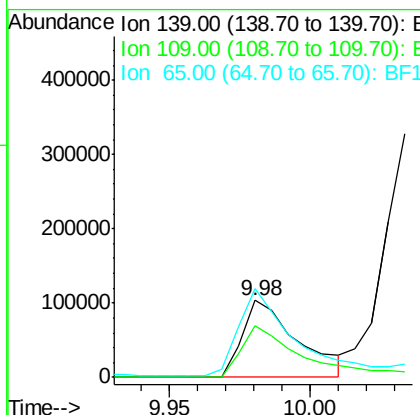
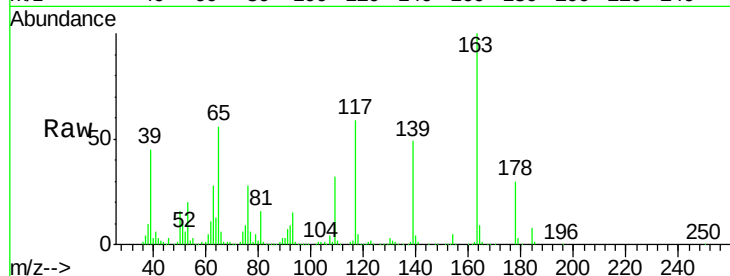




#55
4-Nitrophenol
Concen: 61.189 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

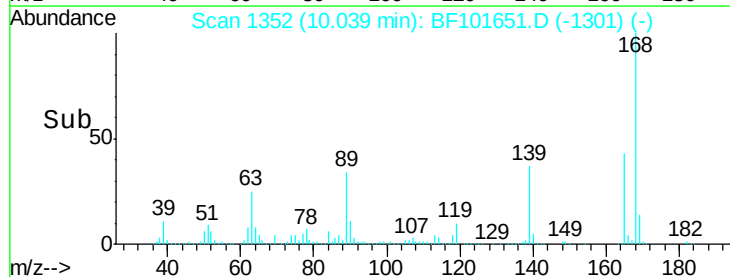
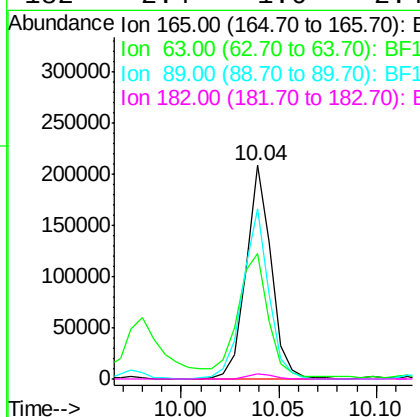
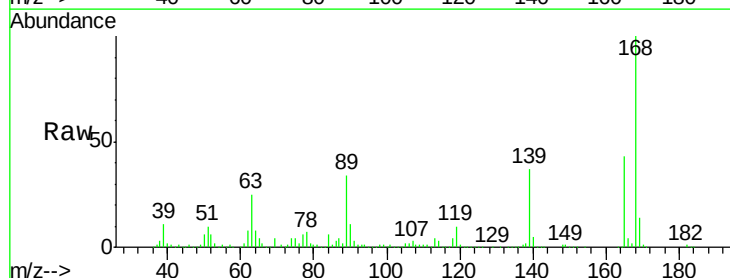
Instrument :
BNA_F
ClientSampleId :
PB105201BS

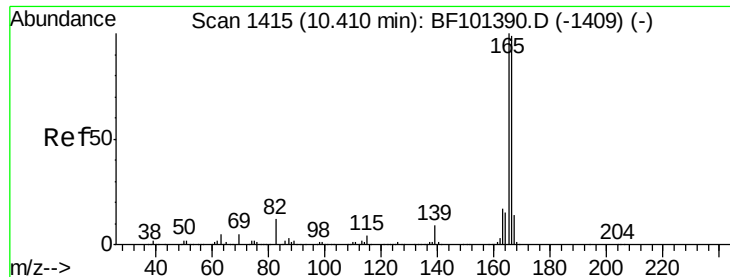
Tgt Ion:139 Resp: 140218
Ion Ratio Lower Upper
139 100
109 66.4 48.4 88.4
65 115.5 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 38.950 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

Tgt Ion:165 Resp: 184981
Ion Ratio Lower Upper
165 100
63 58.8 36.4 54.6#
89 79.6 57.8 86.6
182 2.4 1.6 2.4





#57

Fluorene

Concen: 34.810 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

Instrument :

BNA_F

ClientSampleId :

PB105201BS

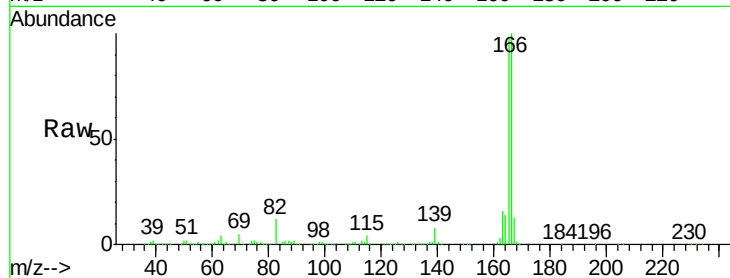
Tgt Ion:166 Resp: 621335

Ion Ratio Lower Upper

166 100

165 98.3 79.8 119.8

167 13.2 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

800000

600000

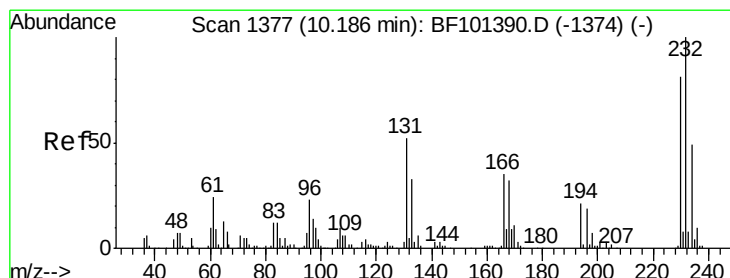
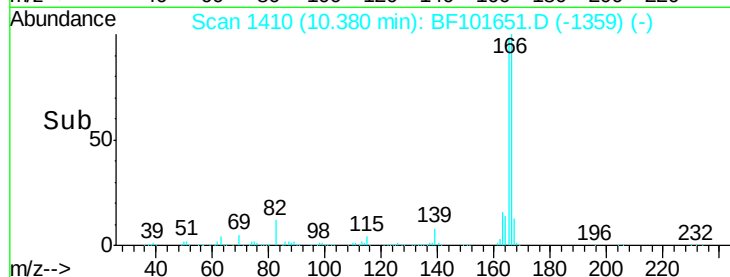
400000

200000

0

10.30 10.35 10.40 10.45

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.206 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

Tgt Ion:232 Resp: 153392

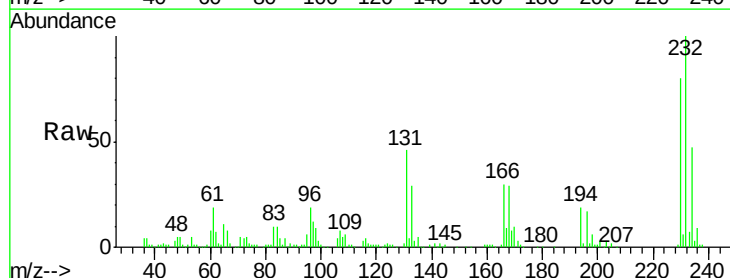
Ion Ratio Lower Upper

232 100

131 45.3 43.8 65.8

130 2.4 2.1 3.1

166 29.2 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

200000

150000

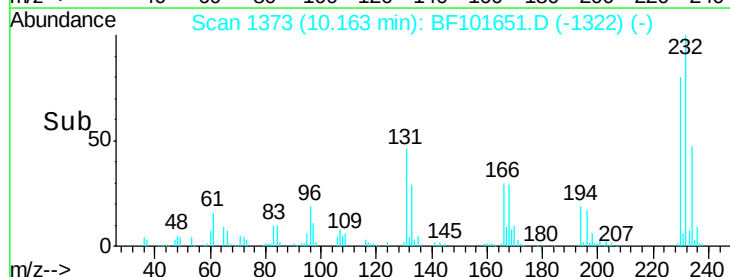
100000

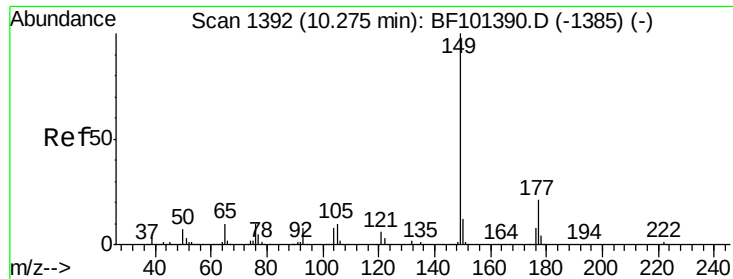
50000

0

10.10 10.15 10.20 10.30

Time-->

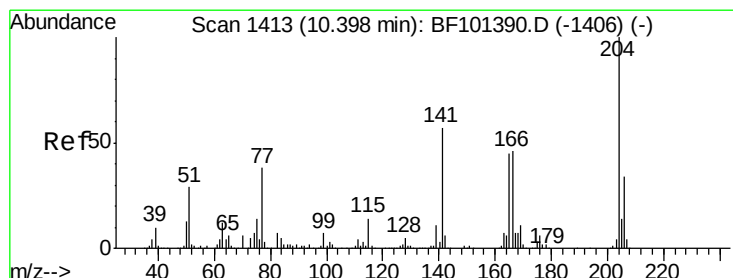
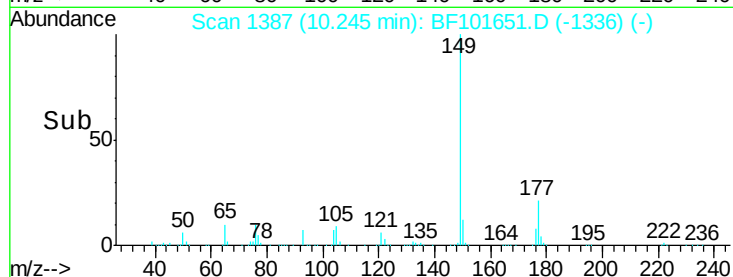
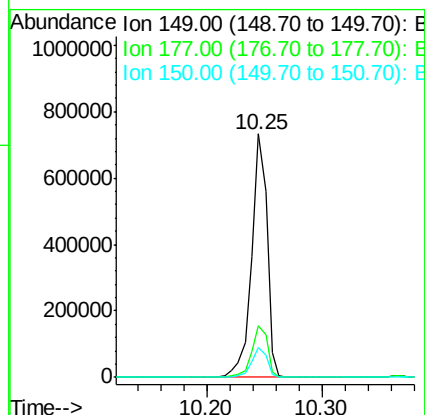
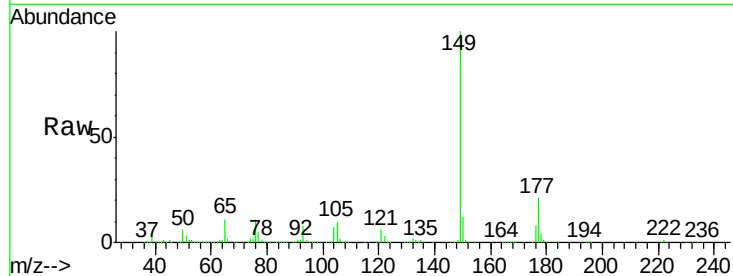




#59
Diethylphthalate
Concen: 32.951 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

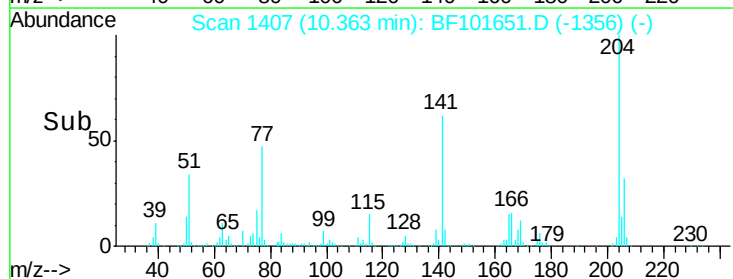
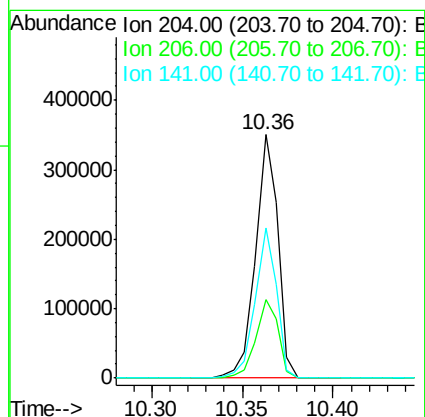
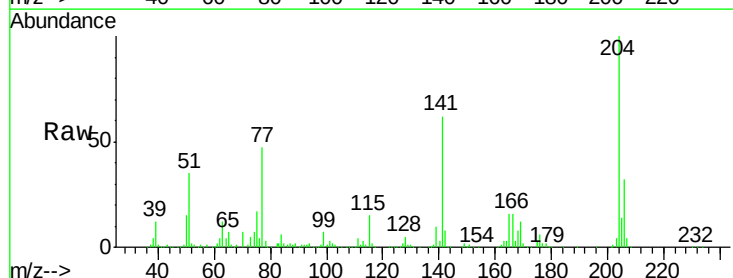
Instrument :
BNA_F
ClientSampleId :
PB105201BS

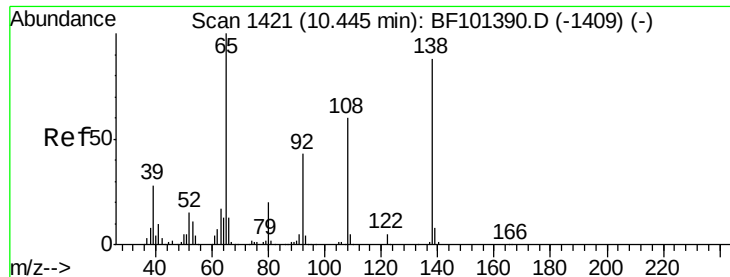
Tgt Ion:149 Resp: 676758
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 35.036 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

Tgt Ion:204 Resp: 299713
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 61.8 54.6 81.8

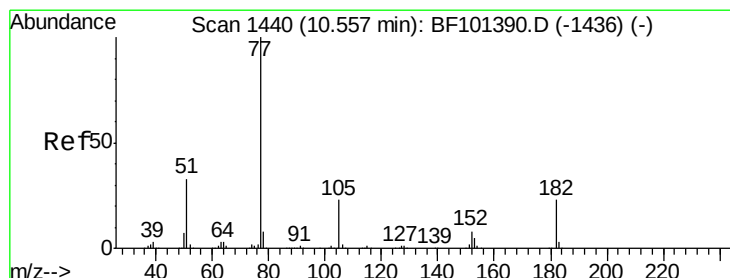
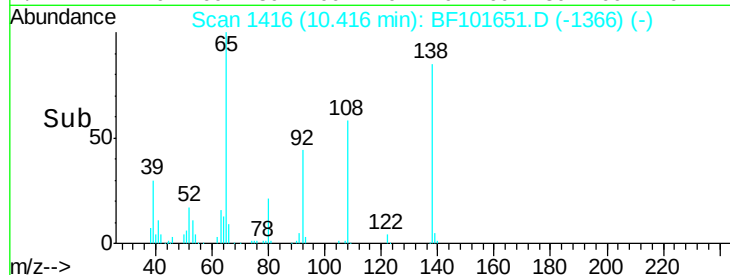
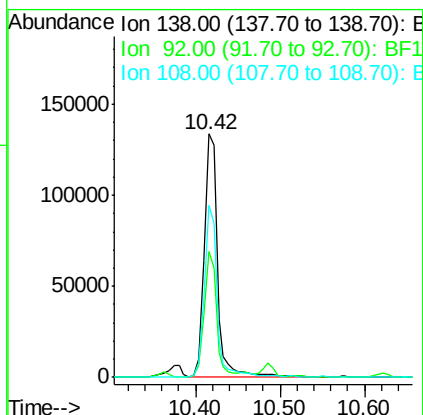
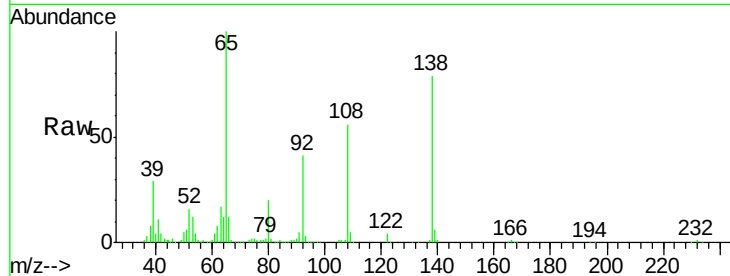




#61
4-Nitroaniline
Concen: 27.288 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

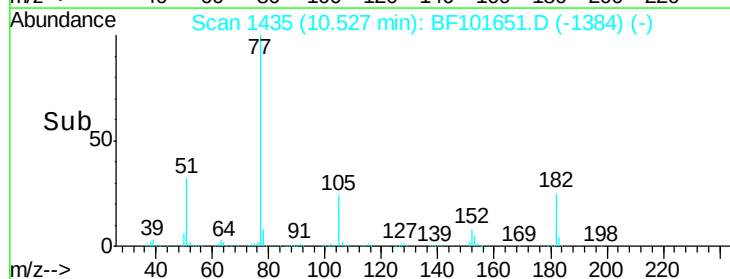
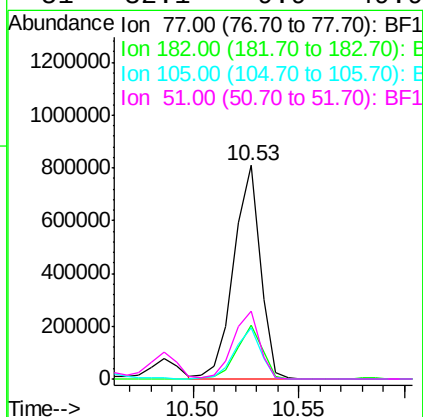
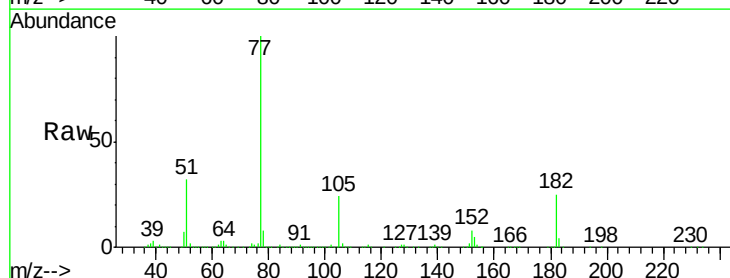
Instrument :
BNA_F
ClientSampleId :
PB105201BS

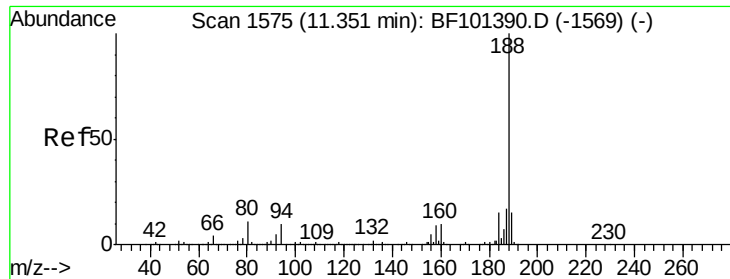
Tgt Ion:138 Resp: 144146
Ion Ratio Lower Upper
138 100
92 51.8 30.2 70.2
108 70.5 52.5 92.5



#62
Azobenzene
Concen: 32.914 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

Tgt Ion: 77 Resp: 700269
Ion Ratio Lower Upper
77 100
182 25.0 1.7 41.7
105 24.0 3.0 43.0
51 32.1 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

Instrument :

BNA_F

ClientSampleId :

PB105201BS

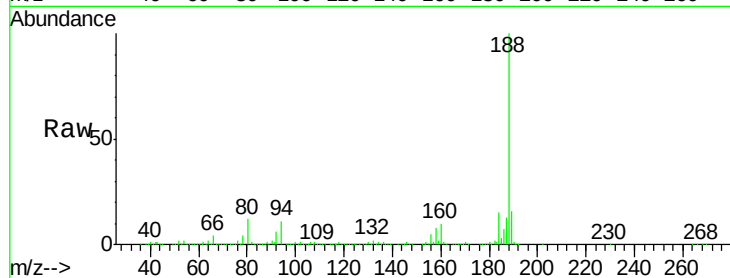
Tgt Ion:188 Resp: 496219

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

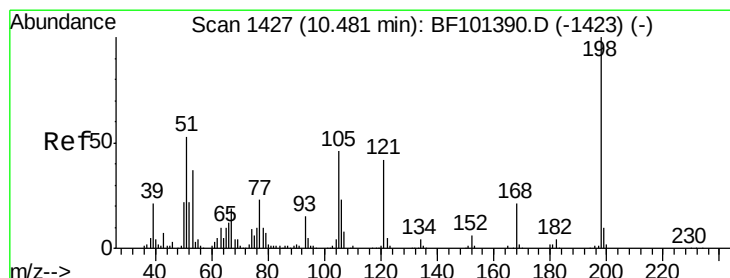
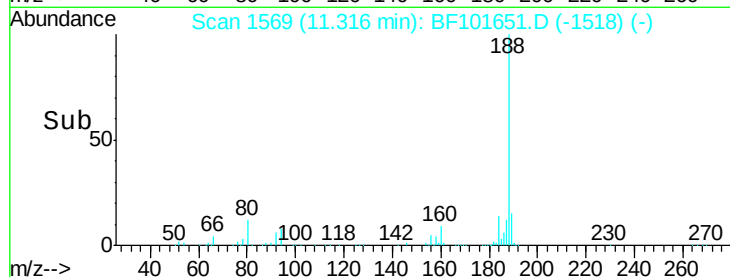
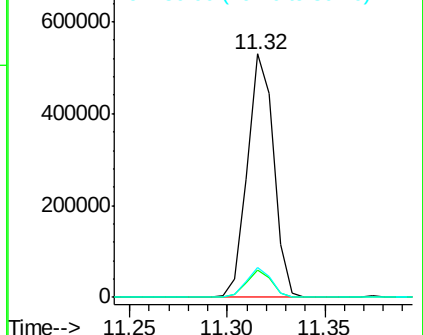
80 12.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 33.381 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

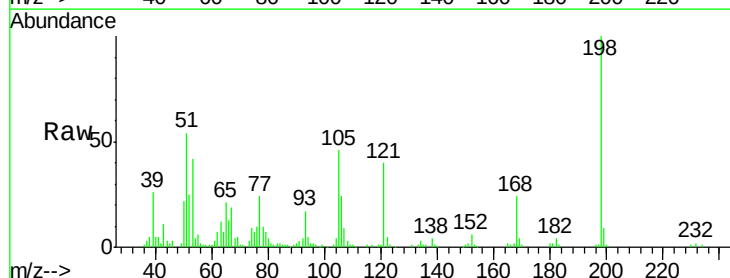
Tgt Ion:198 Resp: 84530

Ion Ratio Lower Upper

198 100

51 53.6 37.7 77.7

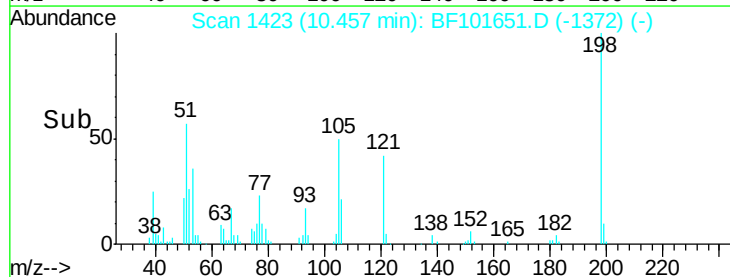
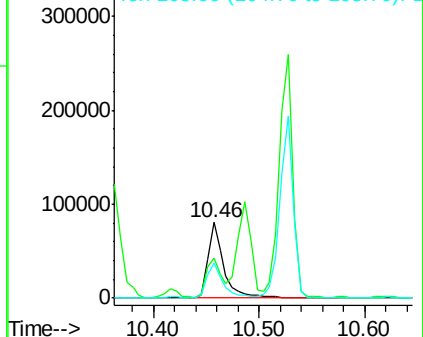
105 46.2 36.3 76.3

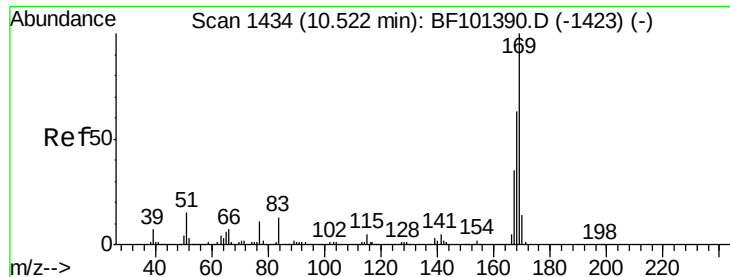


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

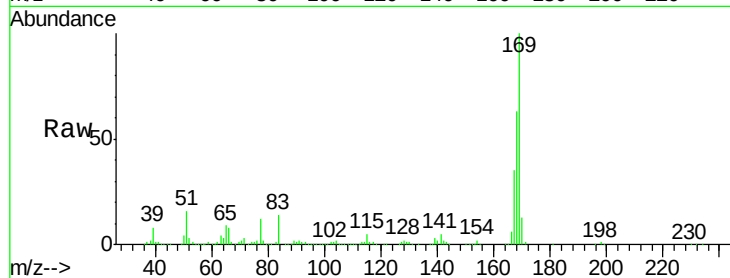




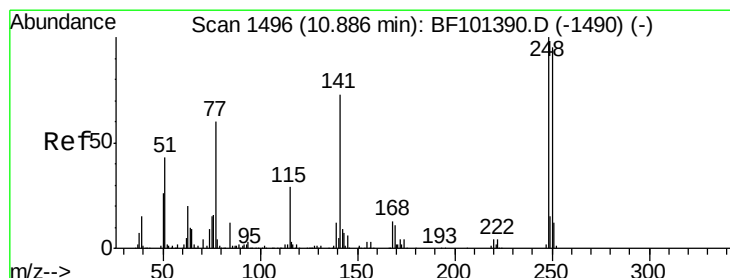
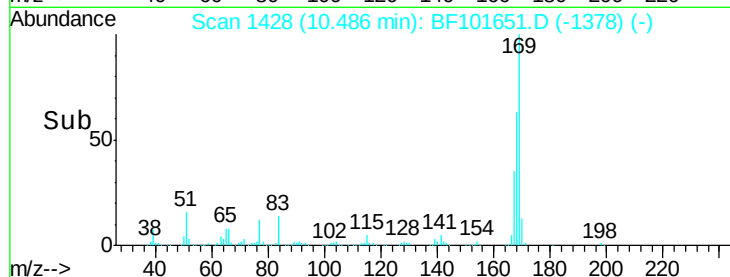
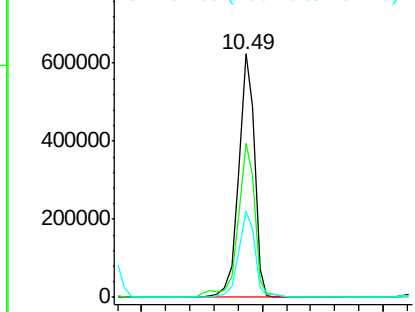
#65
n-Nitrosodiphenylamine
Concen: 31.227 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

Instrument :
BNA_F
ClientSampleId :
PB105201BS

Tgt Ion:169 Resp: 572167
Ion Ratio Lower Upper
169 100
168 63.5 54.4 81.6
167 35.2 29.8 44.6

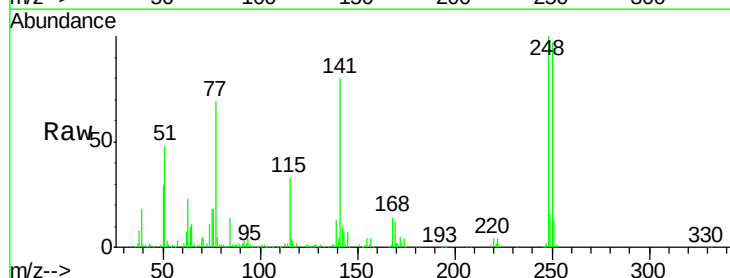


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

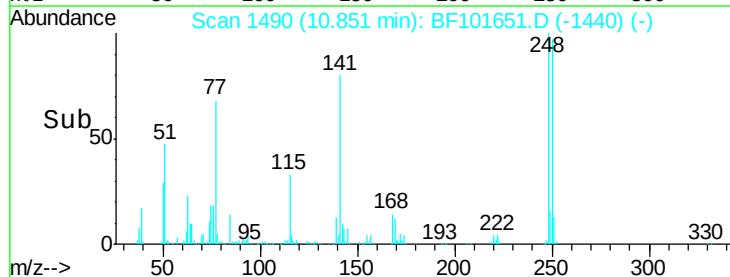
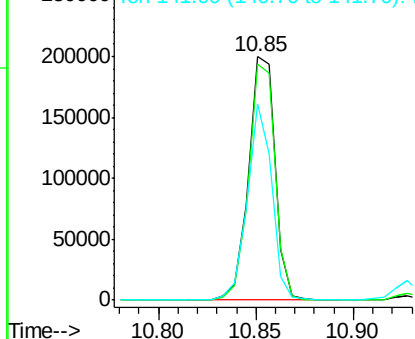


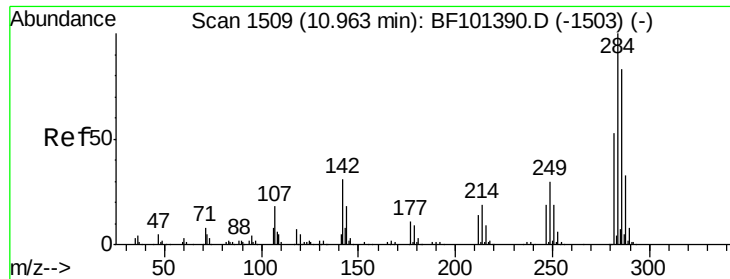
#66
4-Bromophenyl-phenylether
Concen: 33.794 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

Tgt Ion:248 Resp: 188422
Ion Ratio Lower Upper
248 100
250 96.9 76.9 115.3
141 80.5 74.4 111.6



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

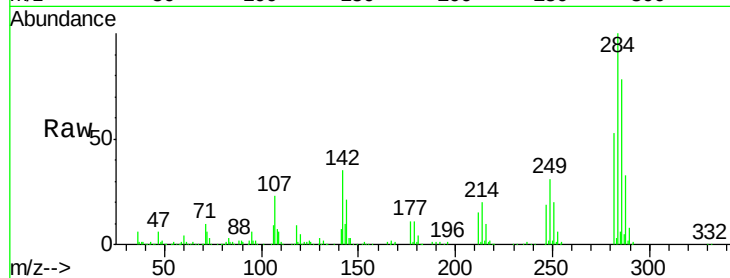




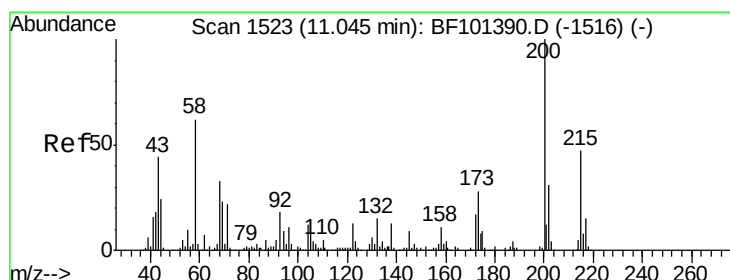
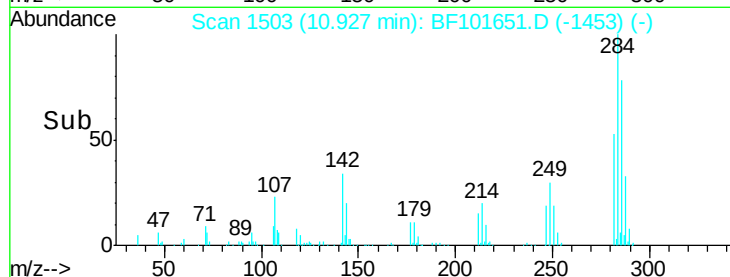
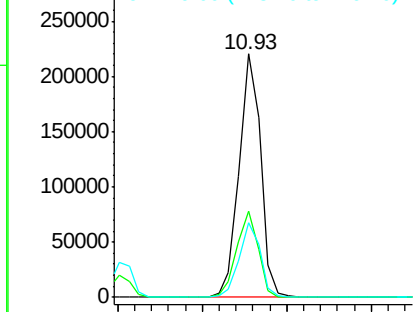
#67
Hexachlorobenzene
Concen: 33.154 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

Instrument :
BNA_F
ClientSampleId :
PB105201BS

Tgt Ion: 284 Resp: 195644
Ion Ratio Lower Upper
284 100
142 35.3 34.6 52.0
249 30.9 24.8 37.2

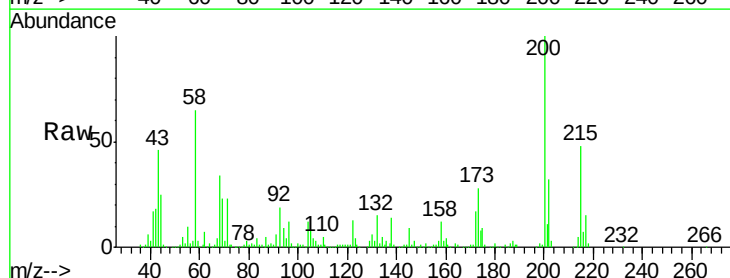


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

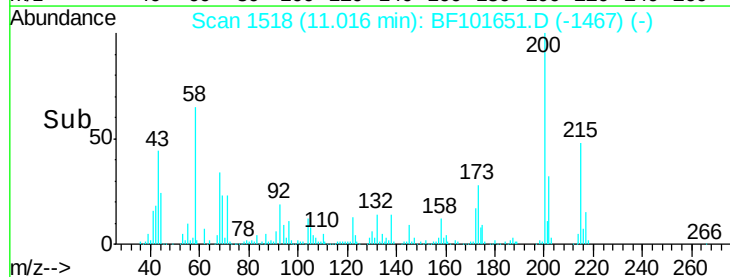
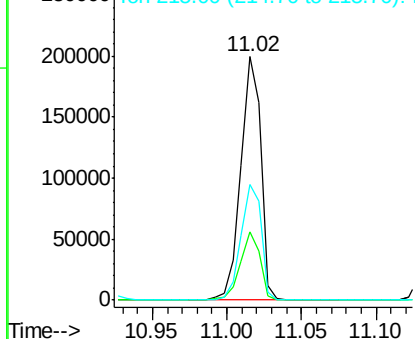


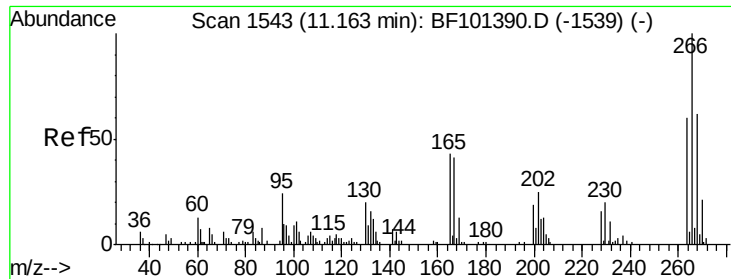
#68
Atrazine
Concen: 34.117 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

Tgt Ion: 200 Resp: 186392
Ion Ratio Lower Upper
200 100
173 28.0 8.6 48.6
215 47.6 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: 66.242 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

Instrument :

BNA_F

ClientSampleId :

PB105201BS

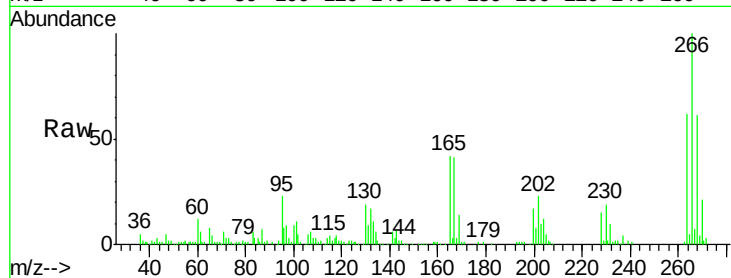
Tgt Ion:266 Resp: 149194

Ion Ratio Lower Upper

266 100

268 60.6 51.1 76.7

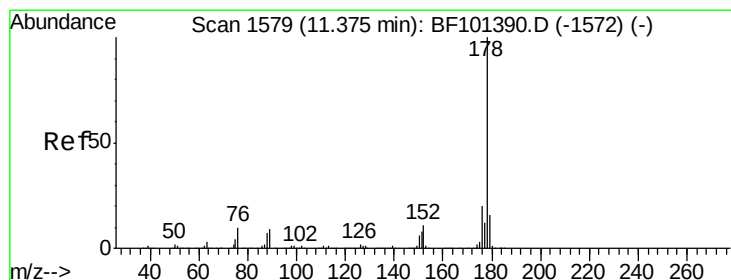
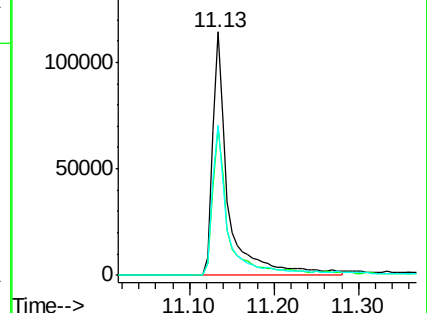
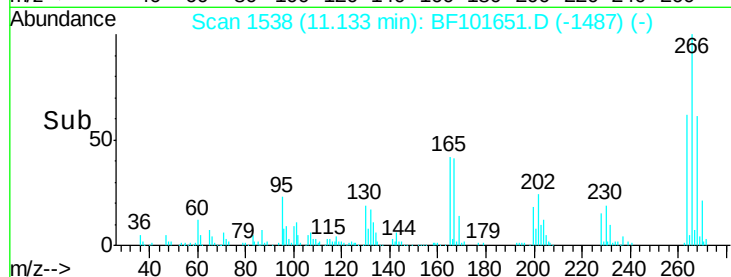
264 61.5 49.5 74.3



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: 32.578 ng

RT: 11.34 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

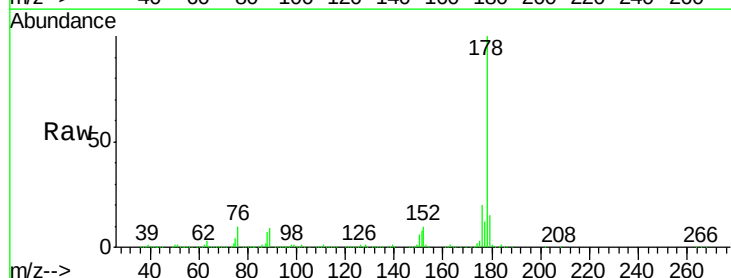
Tgt Ion:178 Resp: 899017

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

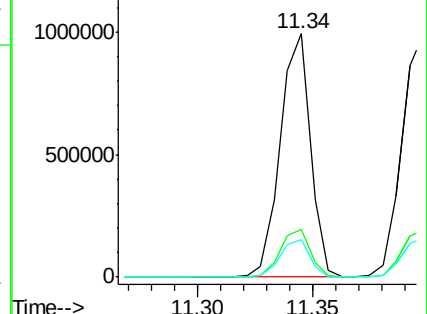
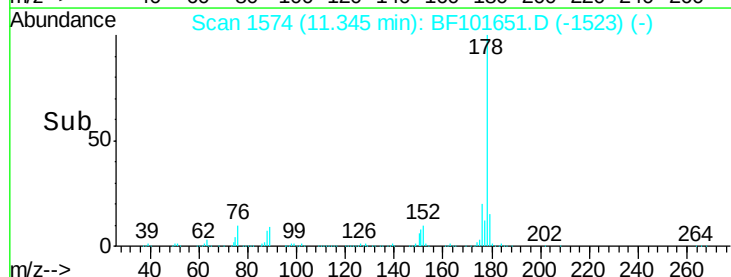
179 15.3 13.0 19.6

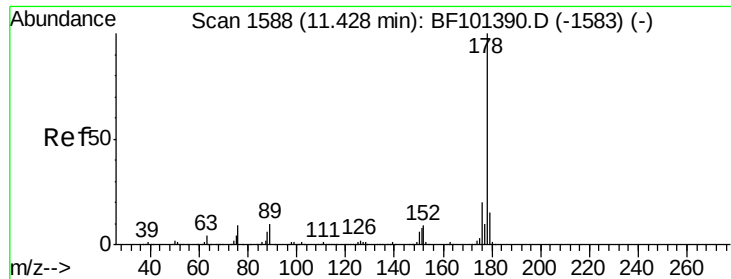


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

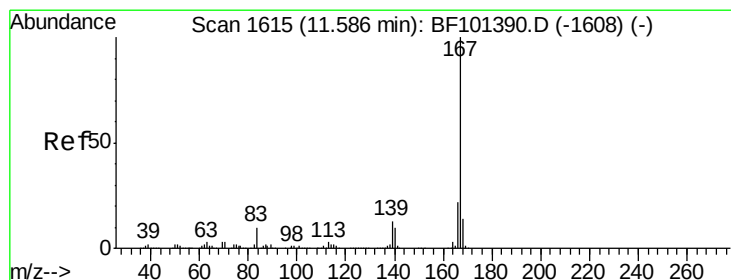
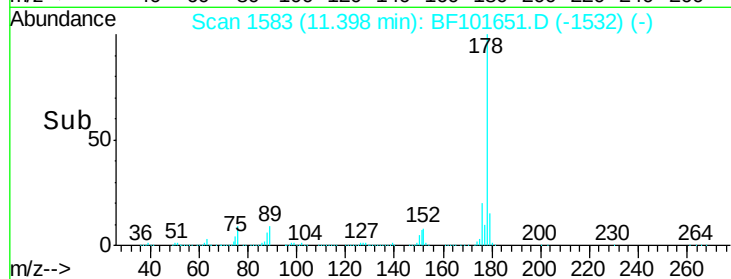
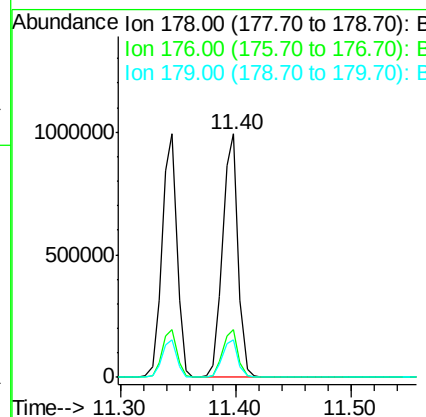
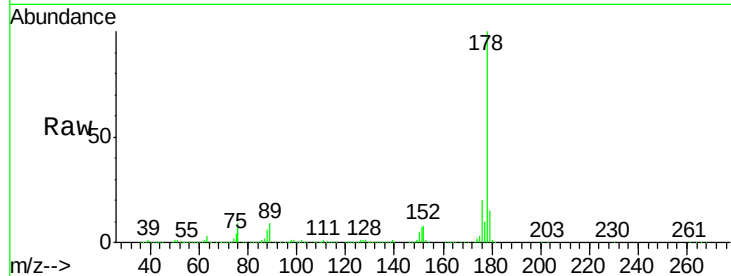




#71
 Anthracene
 Concen: 32.746 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF101651.D
 Acq: 22 Dec 2017 14:16

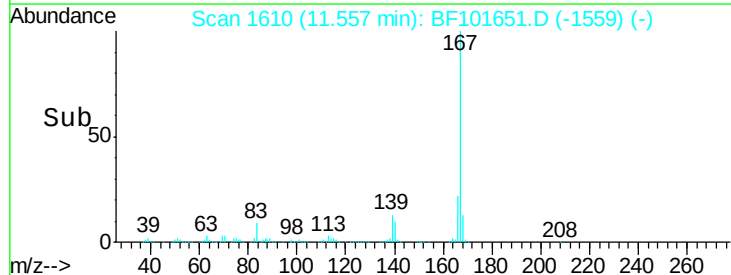
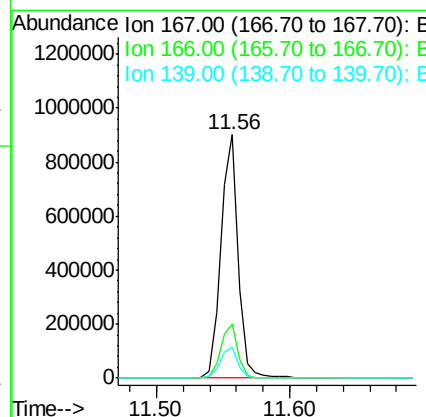
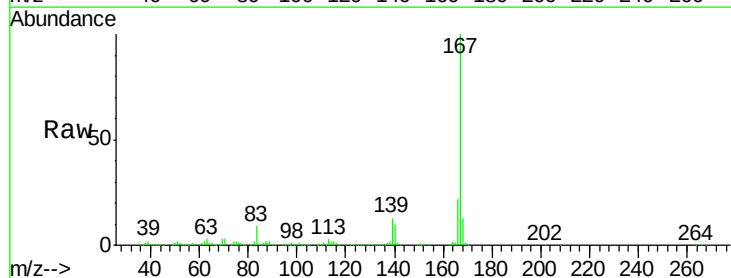
Instrument :
 BNA_F
 ClientSampleId :
 PB105201BS

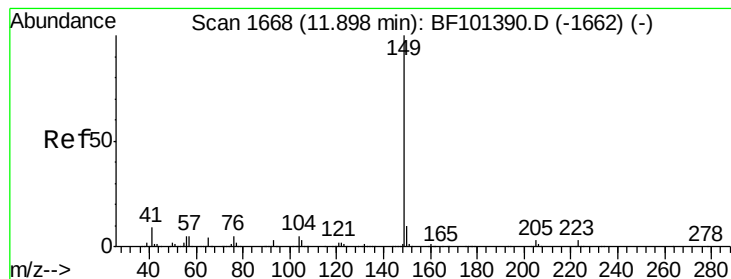
Tgt Ion:178 Resp: 923046
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 30.986 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF101651.D
 Acq: 22 Dec 2017 14:16

Tgt Ion:167 Resp: 817757
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 33.007 ng

RT: 11.87 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

Instrument :

BNA_F

ClientSampleId :

PB105201BS

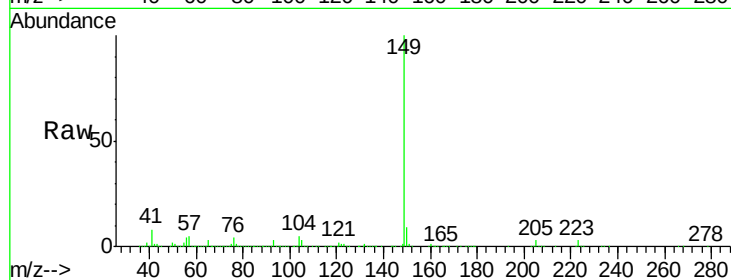
Tgt Ion:149 Resp: 1057279

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

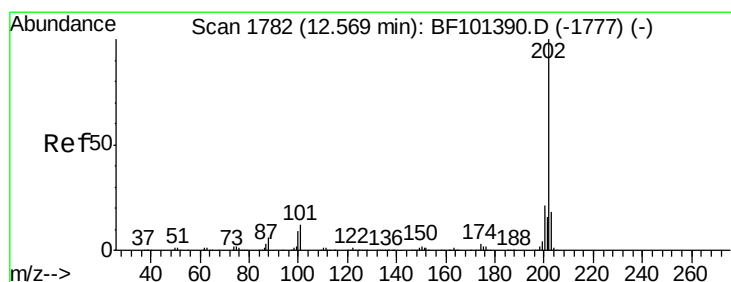
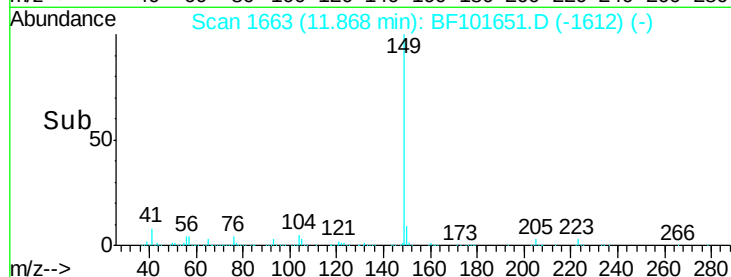
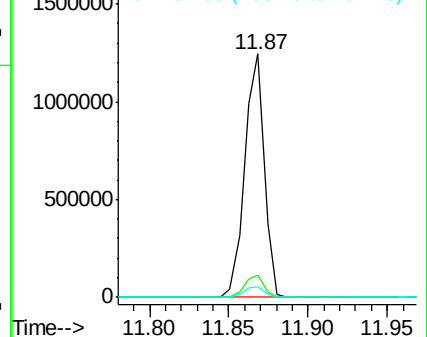
104 4.6 3.8 5.8



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: 32.627 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

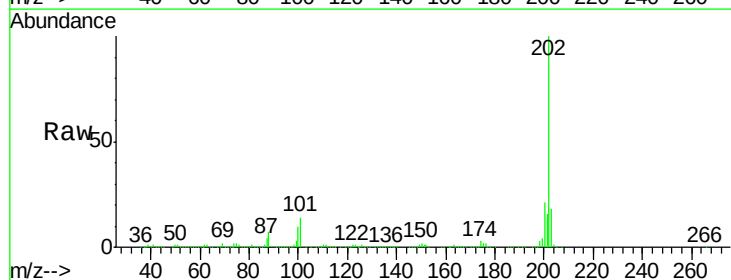
Tgt Ion:202 Resp: 945047

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

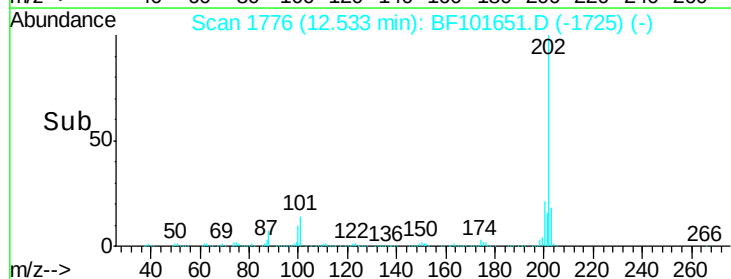
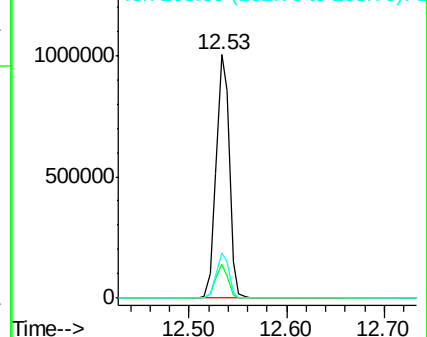
203 18.4 0.0 38.1

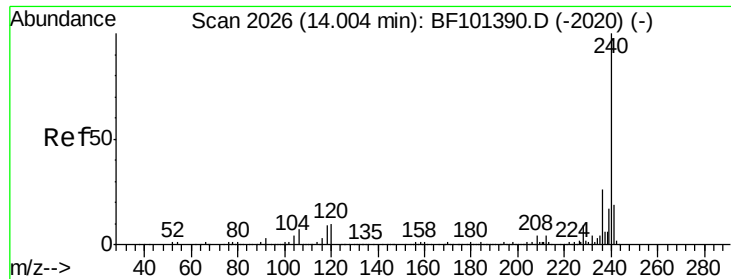


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2020

Delta R.T. 0.00 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

Instrument :

BNA_F

ClientSampleId :

PB105201BS

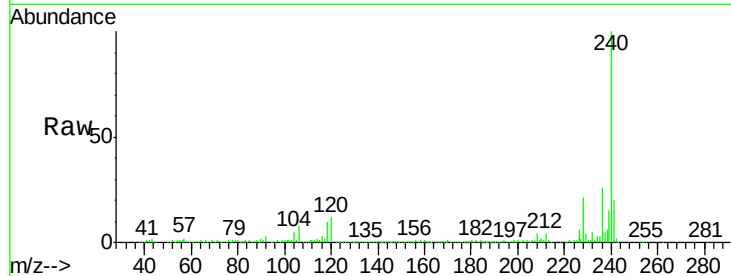
Tgt Ion:240 Resp: 367376

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

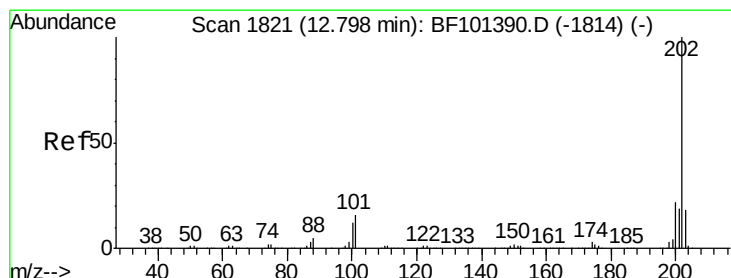
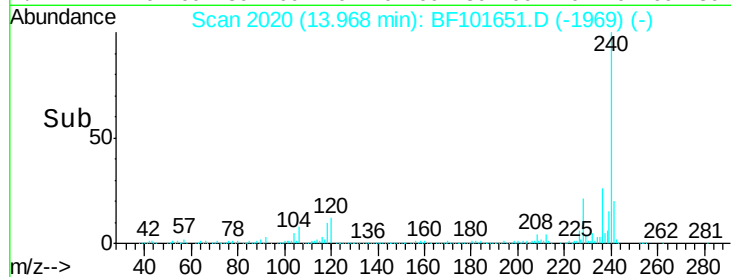
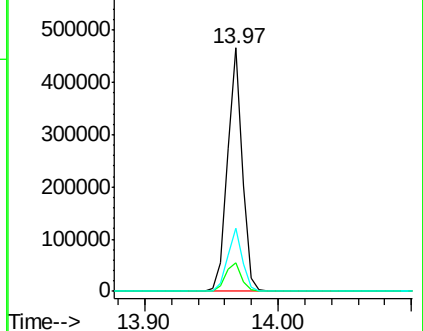
236 26.2 20.7 31.1



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



#77

Pyrene

Concen: 35.747 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

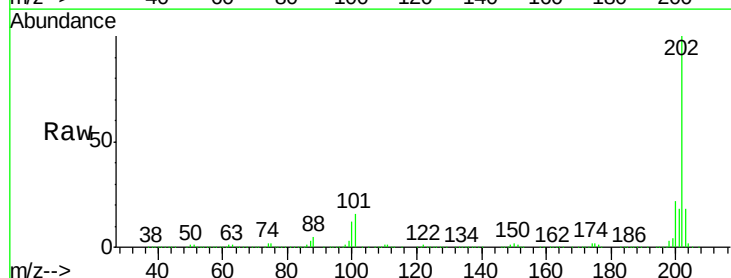
Tgt Ion:202 Resp: 985598

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

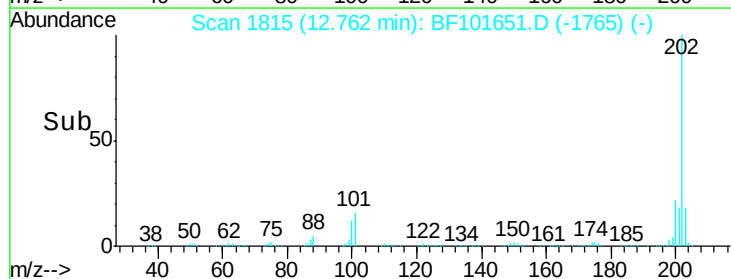
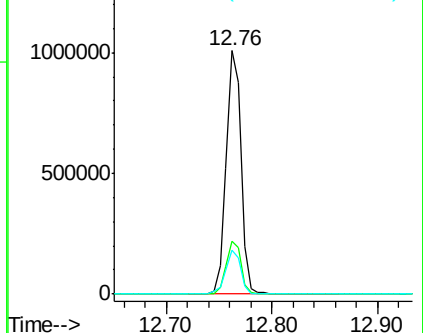
203 17.8 14.3 21.5

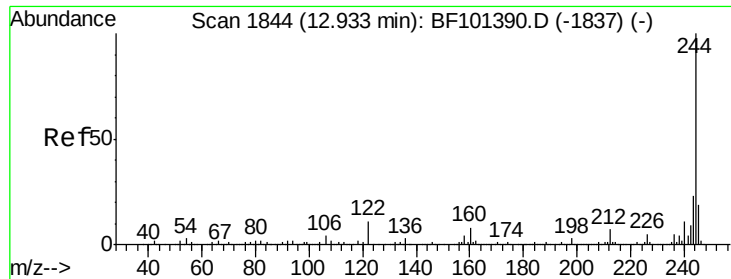


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 82.460 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

Instrument :

BNA_F

ClientSampleId :

PB105201BS

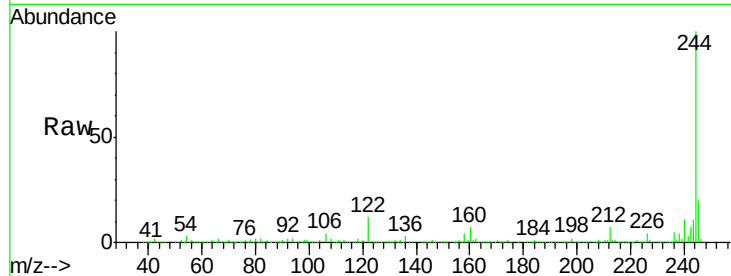
Tgt Ion:244 Resp: 1256610

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

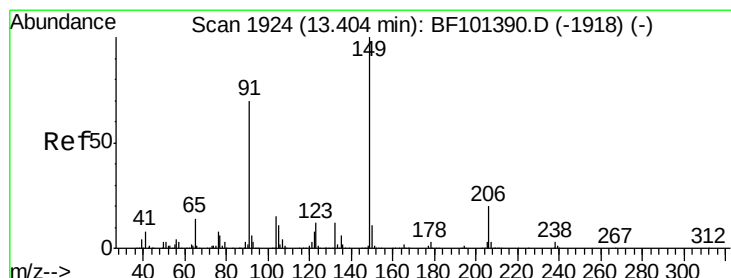
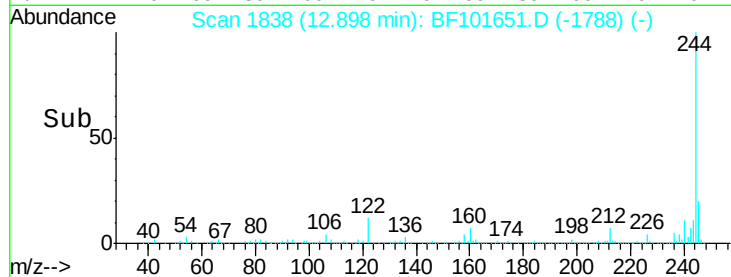
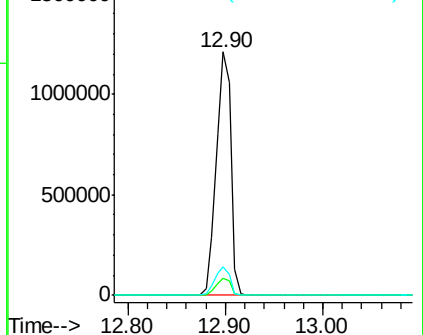
122 11.9 11.0 16.4



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: 35.767 ng

RT: 13.37 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

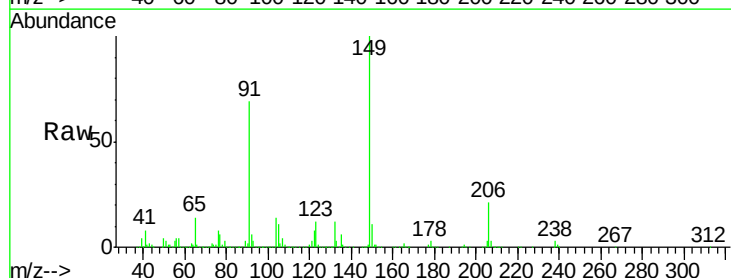
Tgt Ion:149 Resp: 446214

Ion Ratio Lower Upper

149 100

91 68.6 56.8 85.2

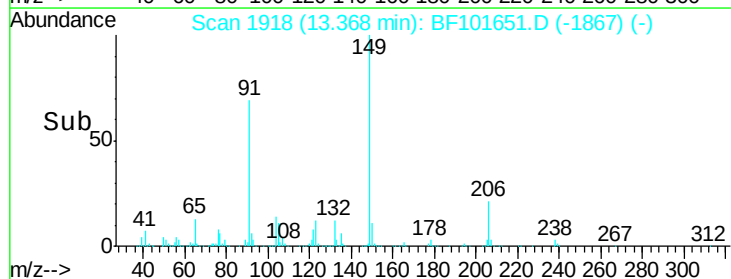
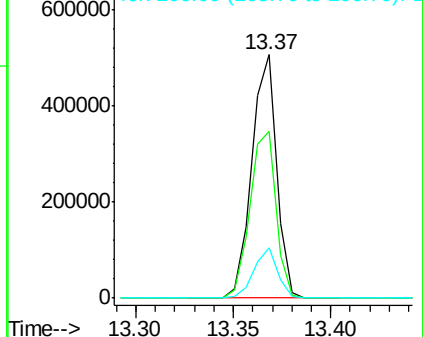
206 20.6 14.1 21.1

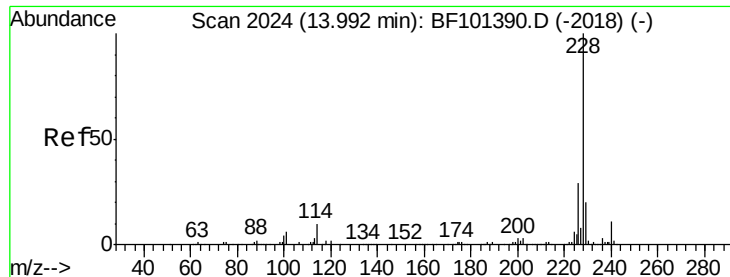


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 32.876 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

Instrument :

BNA_F

ClientSampleId :

PB105201BS

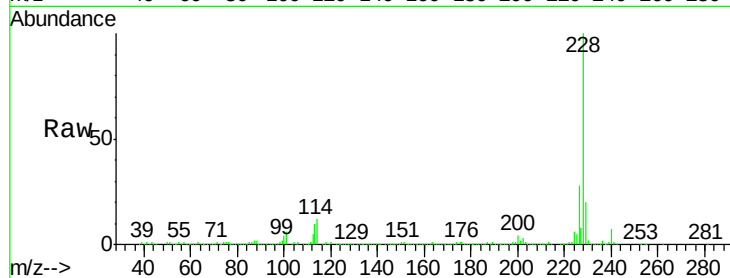
Tgt Ion:228 Resp: 797525

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

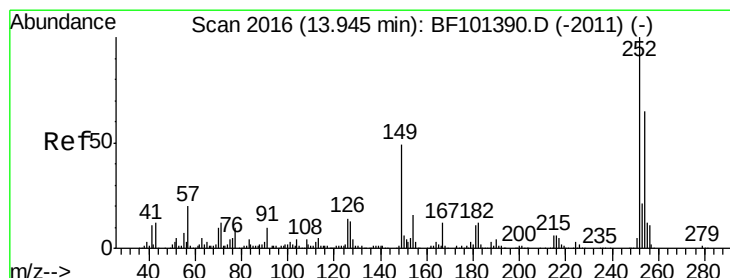
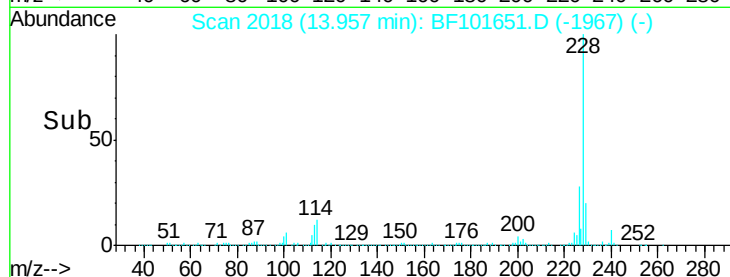
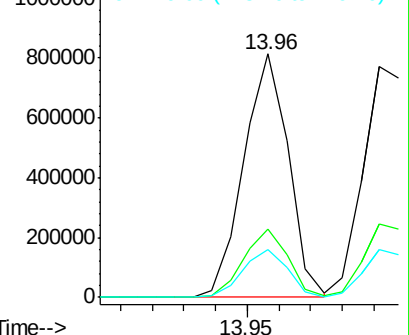
229 19.8 15.8 23.6



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: 22.034 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

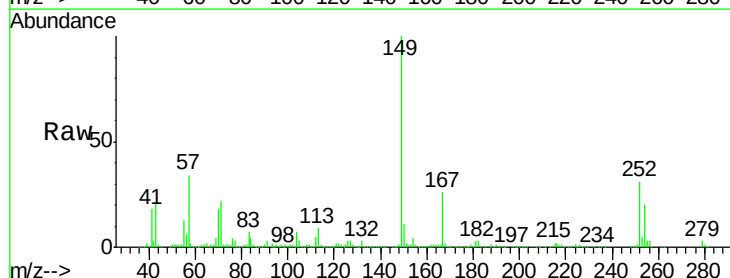
Tgt Ion:252 Resp: 174284

Ion Ratio Lower Upper

252 100

254 63.5 50.4 75.6

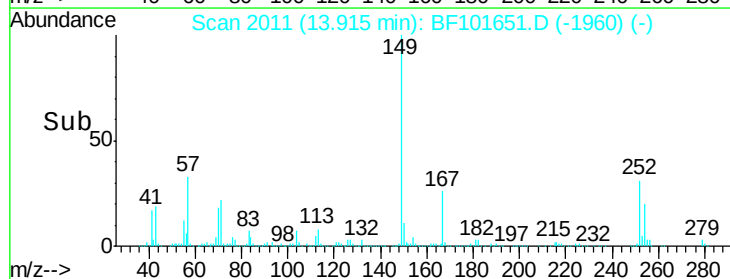
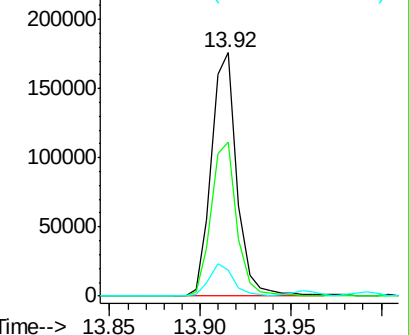
126 10.6 11.3 16.9#

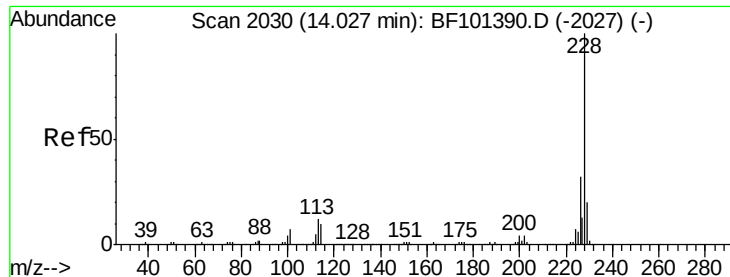


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 33.188 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

Instrument :

BNA_F

ClientSampleId :

PB105201BS

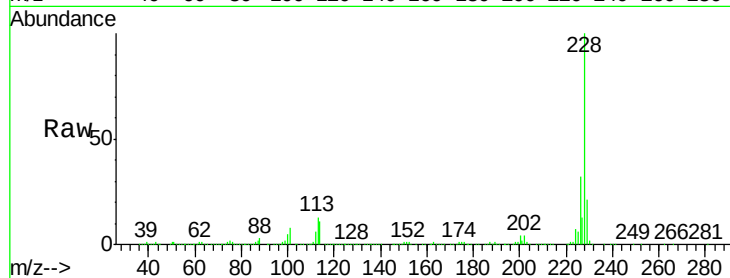
Tgt Ion:228 Resp: 760140

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.6

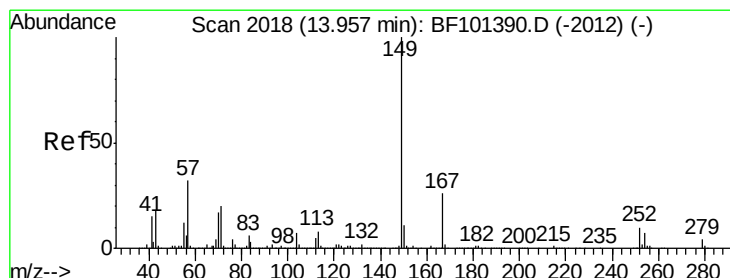
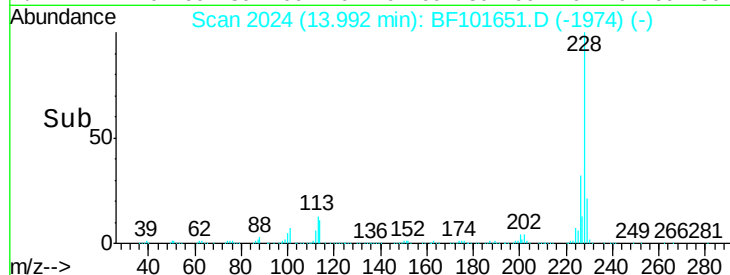
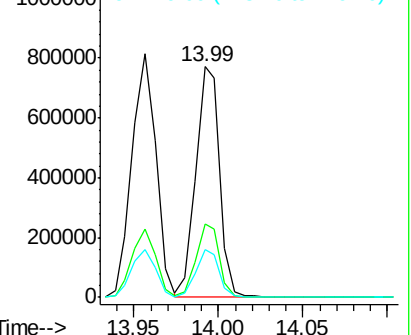
229 20.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 36.161 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

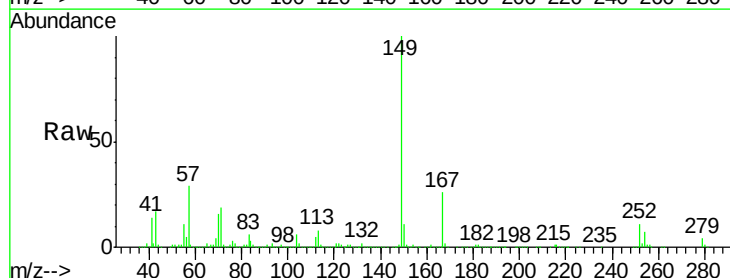
Tgt Ion:149 Resp: 571408

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

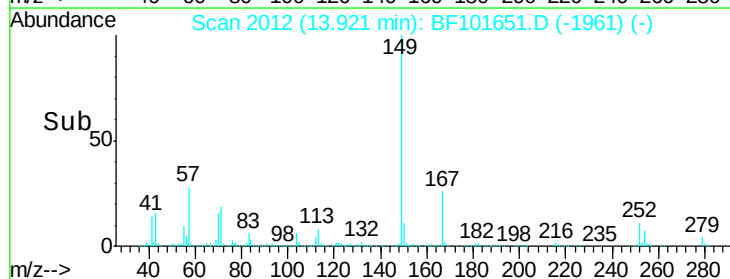
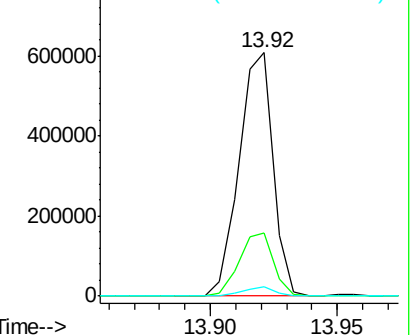
279 3.9 3.0 4.4

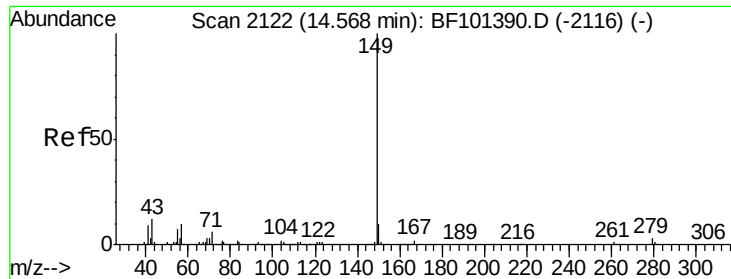


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

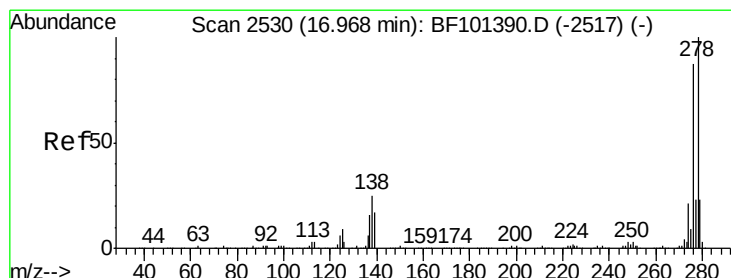
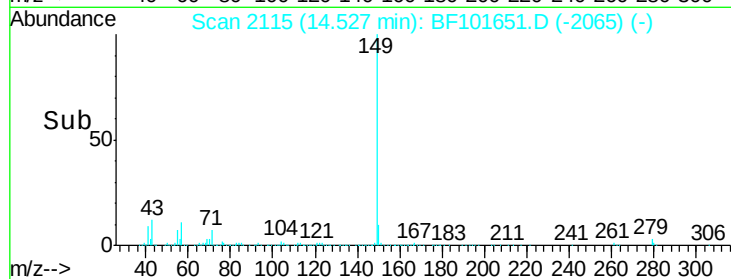
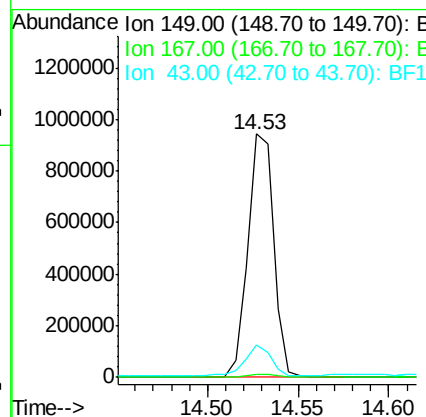
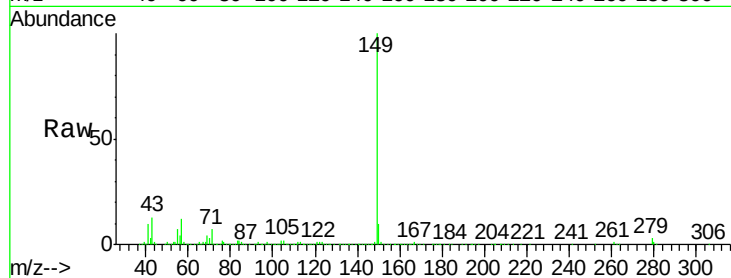




#84
Di-n-octyl phthalate
Concen: 32.971 ng
RT: 14.53 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

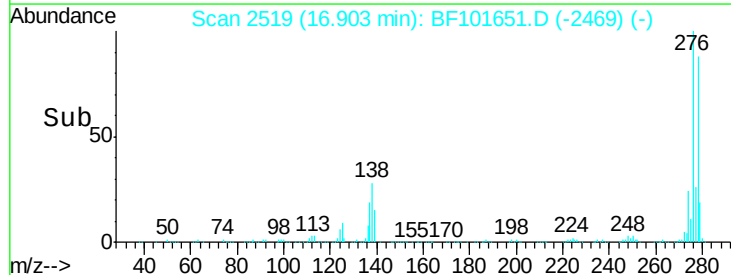
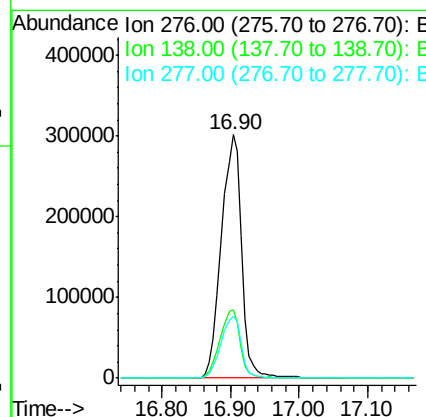
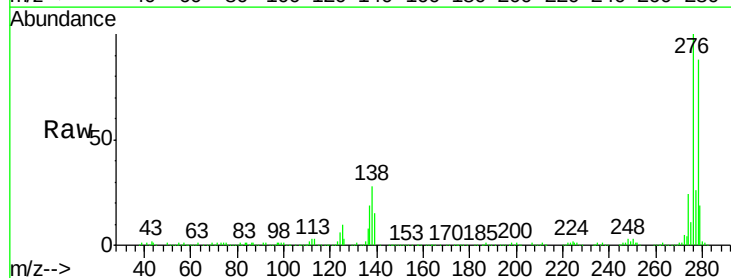
Instrument :
BNA_F
ClientSampleId :
PB105201BS

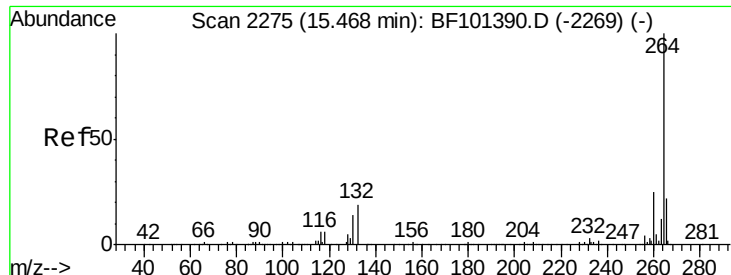
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.8	8.4	12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 30.450 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	25.0	37.6
277	25.4	20.1	30.1



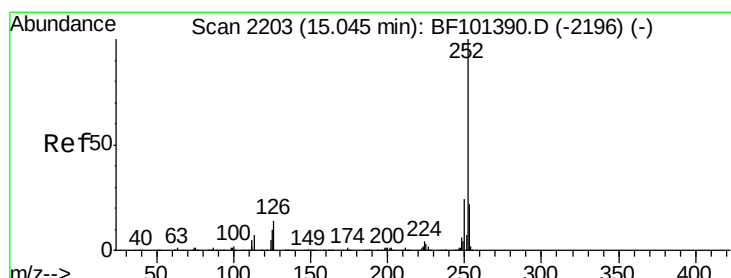
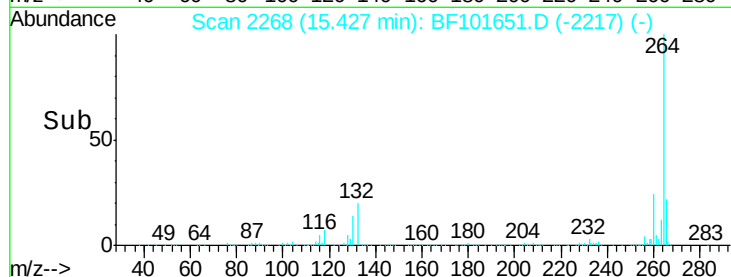
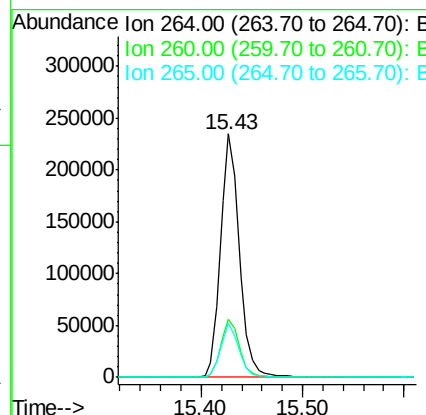
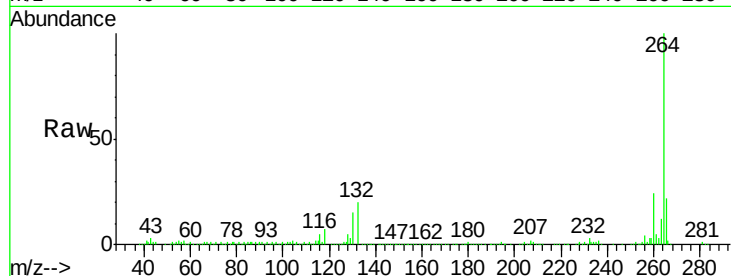


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

Instrument :
BNA_F
ClientSampleId :
PB105201BS

Tgt Ion: 264 Resp: 303371

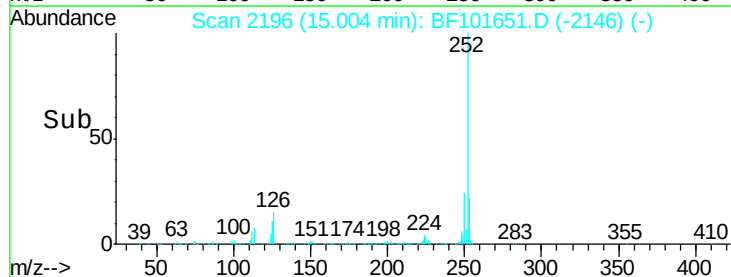
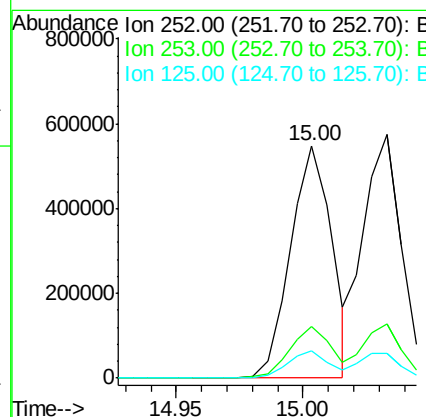
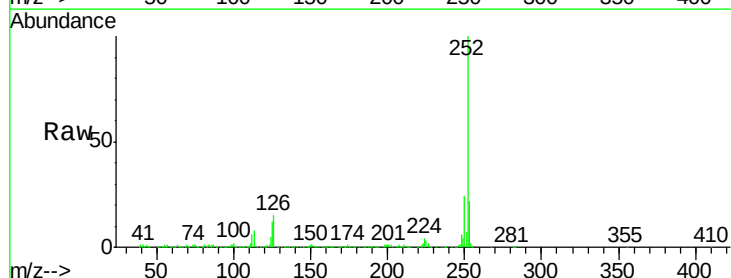
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.4	17.5	26.3

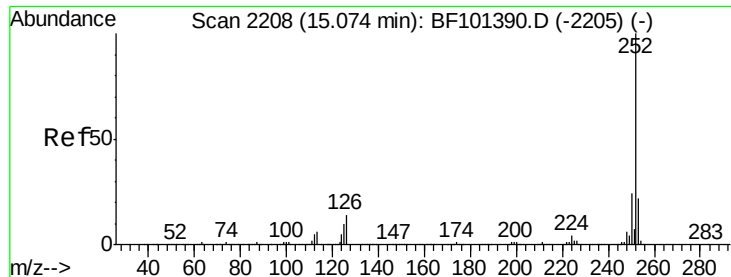


#87
Benzo(b)fluoranthene
Concen: 33.677 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

Tgt Ion: 252 Resp: 622724

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	11.5	9.0	13.6

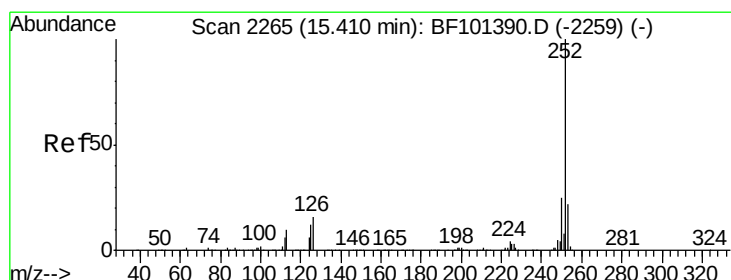
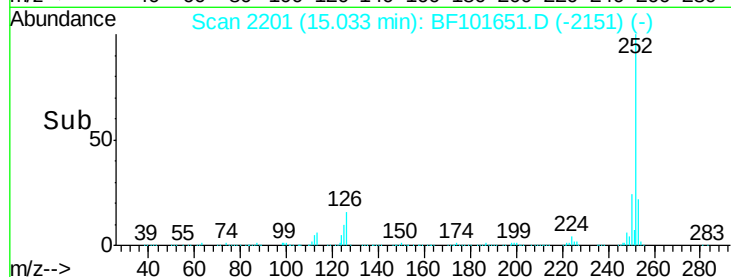
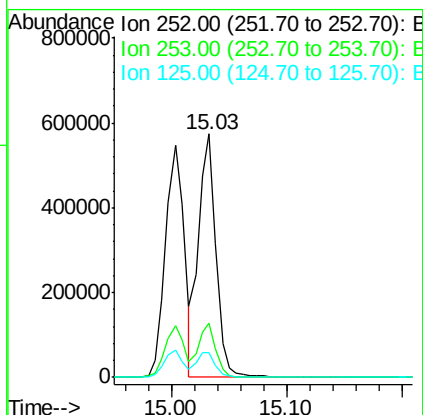
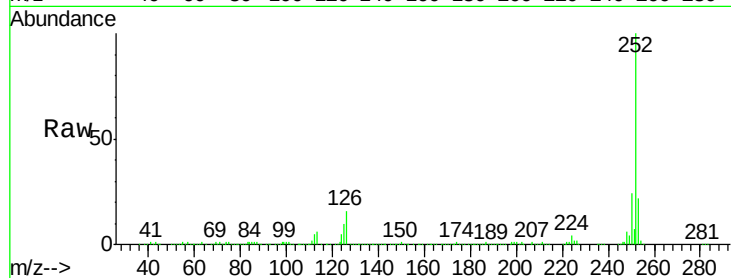




#88
Benzo(k)fluoranthene
Concen: 34.113 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

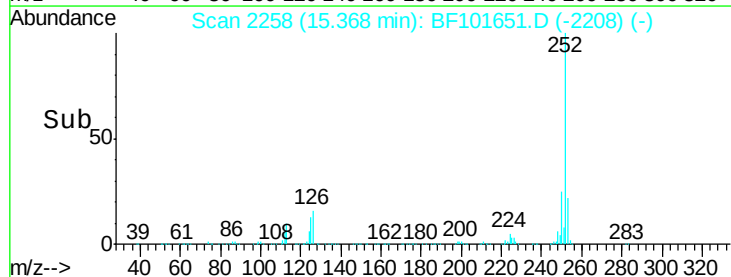
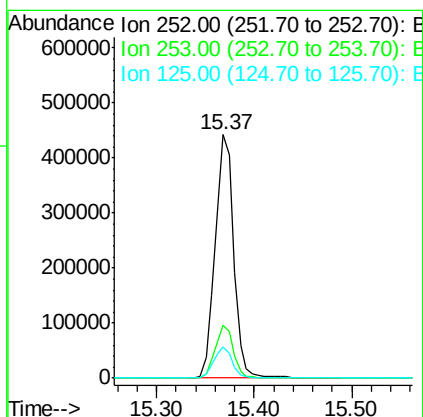
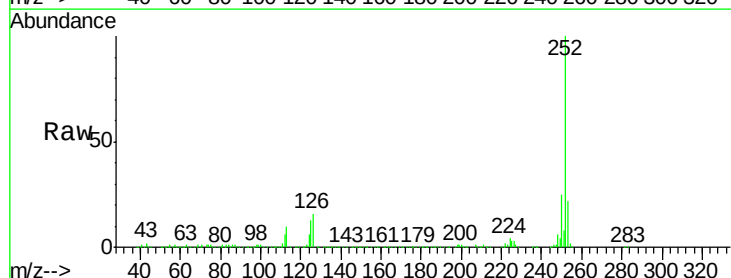
Instrument :
BNA_F
ClientSampleId :
PB105201BS

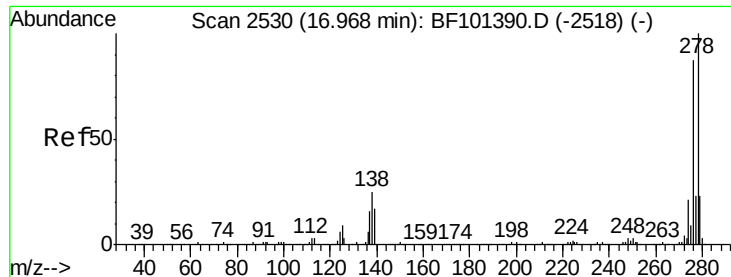
Tgt Ion:252 Resp: 613302
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 10.4 10.2 15.2



#89
Benzo(a)pyrene
Concen: 34.276 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF101651.D
Acq: 22 Dec 2017 14:16

Tgt Ion:252 Resp: 584281
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 12.8 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 35.685 ng

RT: 16.90 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

Instrument :

BNA_F

ClientSampleId :

PB105201BS

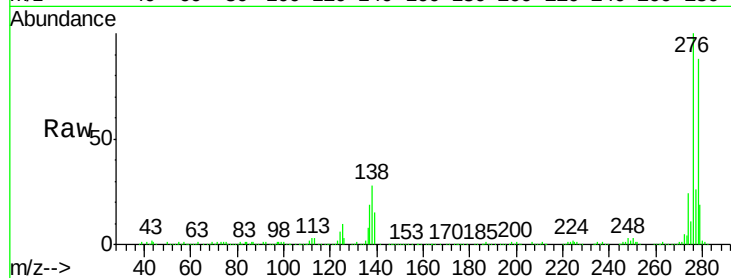
Tgt Ion:278 Resp: 522272

Ion Ratio Lower Upper

278 100

139 16.8 15.9 23.9

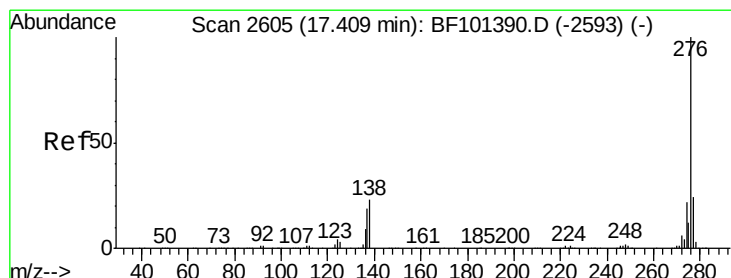
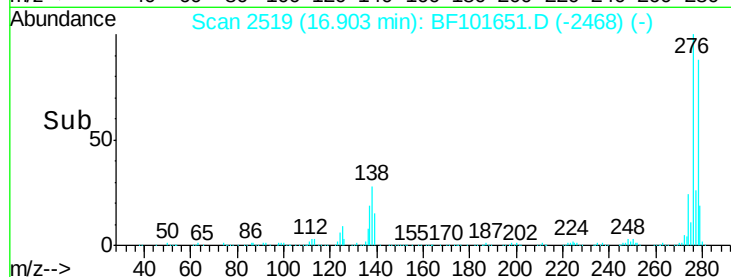
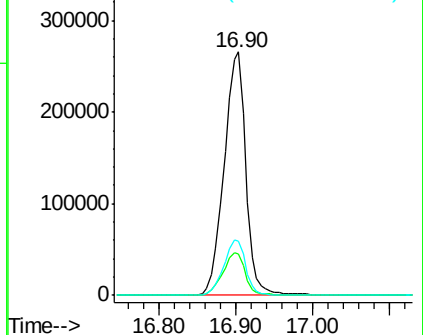
279 22.1 19.0 28.4



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(g,h,i)perylene

Concen: 37.892 ng

RT: 17.34 min Scan# 2594

Delta R.T. 0.00 min

Lab File: BF101651.D

Acq: 22 Dec 2017 14:16

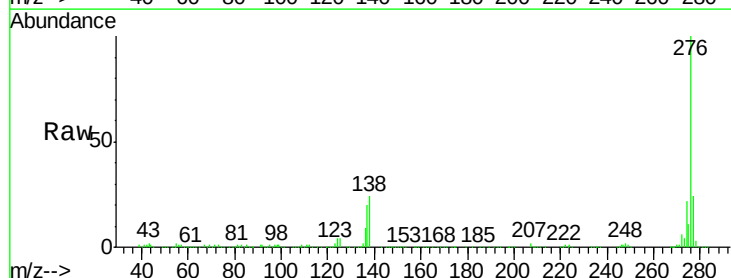
Tgt Ion:276 Resp: 549141

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 23.5 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

