

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121517\
 Data File : BF101440.D
 Acq On : 15 Dec 2017 14:03
 Operator : SJ/JU
 Sample : PB104983BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 17:36:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	166476	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	683864	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	319001	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	617184	20.00	ng	0.00
75) Chrysene-d12	14.00	240	455074	20.00	ng	0.00
86) Perylene-d12	15.47	264	378849	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1254392	112.24	ng	0.02
7) Phenol-d6	6.46	99	1546412	111.18	ng	0.00
23) Nitrobenzene-d5	7.39	82	1009559	82.18	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	381170	124.01	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1689845	82.17	ng	0.00
78) Terphenyl-d14	12.93	244	1685367	89.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	201510	35.090	ng	95
3) Pyridine	3.42	79	553021	34.661	ng	97
4) n-Nitrosodimethylamine	3.37	42	285585	38.875	ng	100
6) Aniline	6.49	93	272306	14.088	ng	# 80
8) 2-Chlorophenol	6.60	128	457047	38.876	ng	95
9) Benzaldehyde	6.37	77	355094	34.569	ng	97
10) Phenol	6.47	94	571351	36.041	ng	96
11) bis(2-Chloroethyl)ether	6.56	93	470419	37.830	ng	96
12) 1,3-Dichlorobenzene	6.76	146	502309	37.857	ng	99
13) 1,4-Dichlorobenzene	6.83	146	503608	37.168	ng	97
14) 1,2-Dichlorobenzene	6.99	146	451230	36.997	ng	98
15) Benzyl Alcohol	6.97	79	347624	36.311	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	776614	40.807	ng	71
17) 2-Methylphenol	7.08	107	391681	36.219	ng	# 89
18) Hexachloroethane	7.32	117	178659	37.925	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	315530	34.543	ng	92
20) 3+4-Methylphenols	7.23	107	486991	42.496	ng	# 62
22) Acetophenone	7.23	105	621934	39.857	ng	# 92
24) Nitrobenzene	7.40	77	513787	37.788	ng	98
25) Isophorone	7.64	82	971741	39.430	ng	98
26) 2-Nitrophenol	7.72	139	264315	45.249	ng	96
27) 2,4-Dimethylphenol	7.76	122	431908	43.523	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	605524	38.679	ng	98
29) 2,4-Dichlorophenol	7.96	162	414061	42.233	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	397636	38.433	ng	97
31) Naphthalene	8.12	128	1298283	37.710	ng	100
32) Benzoic acid	7.92	122	239118	37.791	ng	97
33) 4-Chloroaniline	8.18	127	109907	7.345	ng	99
34) Hexachlorobutadiene	8.23	225	224085	37.447	ng	98
35) Caprolactam	8.57	113	85782	25.198	ng	92
36) 4-Chloro-3-methylphenol	8.67	107	439429	40.779	ng	99
37) 2-Methylnaphthalene	8.81	142	879394	39.205	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	418172	38.826	ng	97
40) Hexachlorocyclopentadiene	8.96	237	179362	77.127	ng	98

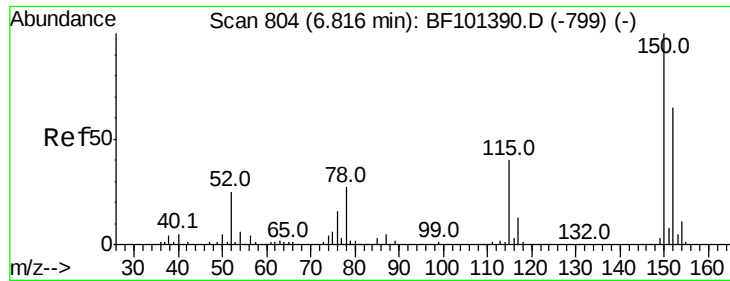
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121517\
 Data File : BF101440.D
 Acq On : 15 Dec 2017 14:03
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	275718	42.523	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	280745	39.544	nq	95
45) 1,1'-Biphenyl	9.27	154	1079724	38.165	nq	99
46) 2-Chloronaphthalene	9.30	162	825233	38.123	nq	98
47) 2-Nitroaniline	9.41	65	297807	39.825	nq	92
48) Acenaphthylene	9.72	152	1227959	35.915	nq	99
49) Dimethylphthalate	9.57	163	958068	37.338	nq	99
50) 2,6-Dinitrotoluene	9.65	165	217966	41.795	nq	# 89
51) Acenaphthene	9.89	154	742707	36.156	nq	99
52) 3-Nitroaniline	9.82	138	111779	17.192	nq	96
53) 2,4-Dinitrophenol	9.95	184	81702	49.499	nq	# 19
54) Dibenzofuran	10.06	168	1032054	39.535	nq	98
55) 4-Nitrophenol	10.00	139	242061	85.380	nq	92
56) 2,4-Dinitrotoluene	10.06	165	253867	43.207	nq	# 80
57) Fluorene	10.41	166	854211	38.681	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	233859	45.848	nq	# 87
59) Diethylphthalate	10.27	149	967982	38.095	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	414143	39.130	nq	94
61) 4-Nitroaniline	10.45	138	221664	33.918	nq	97
62) Azobenzene	10.56	77	970452	36.868	nq	96
64) 4,6-Dinitro-2-methylphenol	10.48	198	93779	29.775	nq	85
65) n-Nitrosodiphenylamine	10.52	169	828628	36.361	nq	95
66) 4-Bromophenyl-phenylether	10.89	248	268994	38.789	nq	# 87
67) Hexachlorobenzene	10.96	284	278194	37.903	nq	93
68) Atrazine	11.05	200	279632	41.152	nq	96
69) Pentachlorophenol	11.16	266	228872	80.172	nq	97
70) Phenanthrene	11.37	178	1267823	36.939	nq	99
71) Anthracene	11.43	178	1321136	37.683	nq	100
72) Carbazole	11.59	167	1203241	36.657	nq	99
73) Di-n-butylphthalate	11.90	149	1495621	37.540	nq	100
74) Fluoranthene	12.57	202	1364566	37.877	nq	97
76) Benzidine	12.69	184	267949	13.941	nq	98
77) Pyrene	12.80	202	1411267	41.322	nq	99
79) Butylbenzylphthalate	13.40	149	630270	40.785	nq	97
80) Benzo(a)anthracene	13.99	228	1160923	38.634	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	208530	21.283	nq	# 98
82) Chrysene	14.03	228	1100554	38.790	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	876285	44.769	nq	99
84) Di-n-octyl phthalate	14.56	149	1231088	35.267	nq	99
85) Indeno(1,2,3-cd)pyrene	16.96	276	887696	35.135	nq	96
87) Benzo(b)fluoranthene	15.04	252	883441	38.258	nq	98
88) Benzo(k)fluoranthene	15.07	252	882398	39.302	nq	98
89) Benzo(a)pyrene	15.41	252	840834	39.499	nq	99
90) Dibenzo(a,h)anthracene	16.96	278	729404	39.908	nq	97
91) Benzo(g,h,i)perylene	17.40	276	794521	43.901	nq	95

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

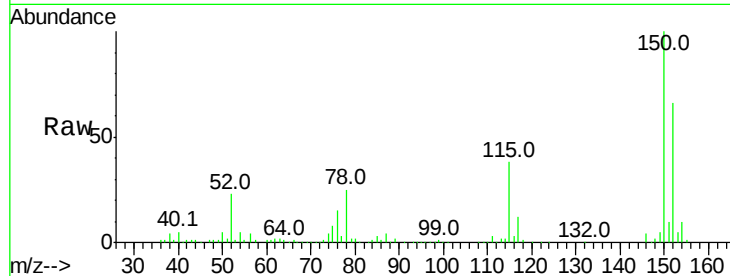


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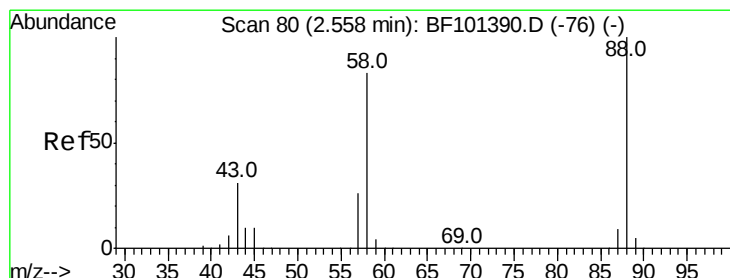
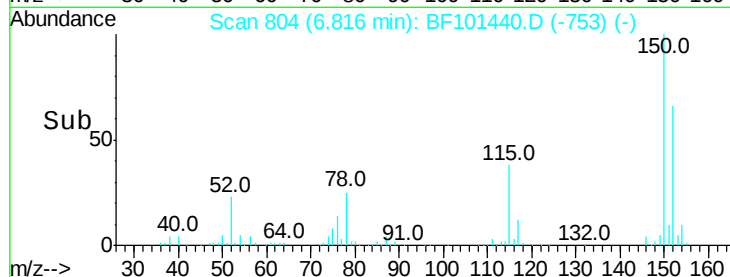
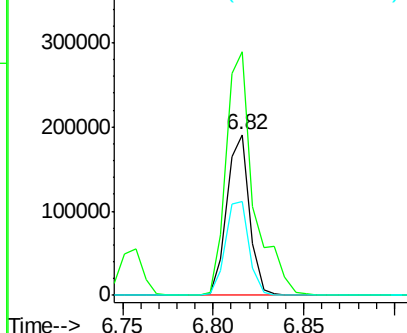
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 166476
Ion Ratio Lower Upper
152 100
150 151.6 124.6 186.8
115 58.3 50.1 75.1



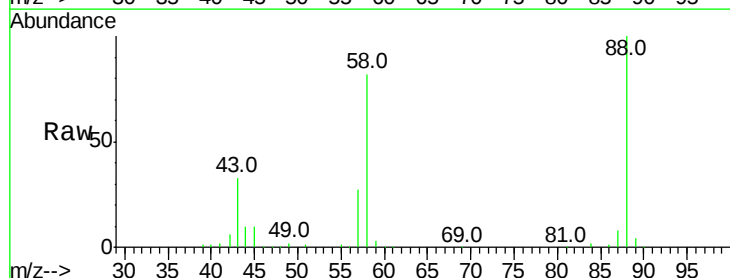
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



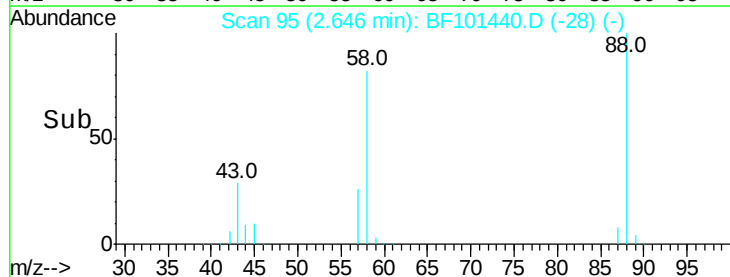
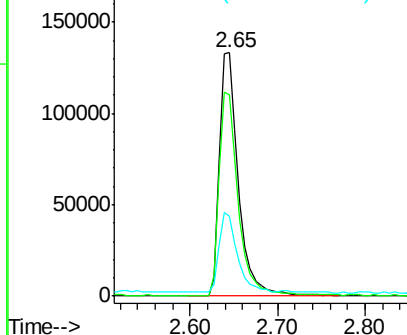
#2

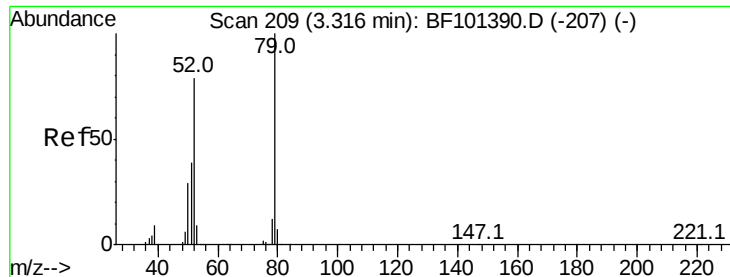
1,4-Dioxane
Concen: 35.090 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.09 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

Tgt Ion: 88 Resp: 201510
Ion Ratio Lower Upper
88 100
58 84.7 62.6 93.8
43 30.6 24.6 37.0



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





#3

Pvridine

Concen: 34.661 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.10 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Instrument :

BNA_F

ClientSampleId :

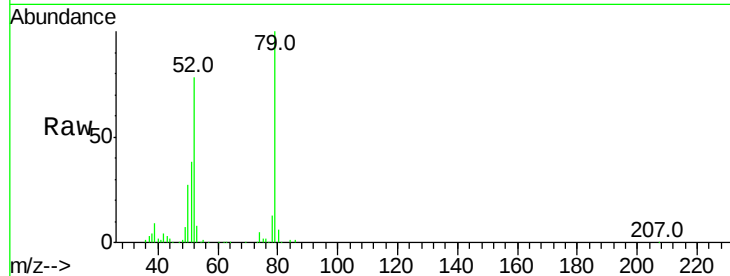
Tot Ion: 79 Resp: 553021

Ion Ratio Lower Upper

79 100

52 78.1 59.8 89.6

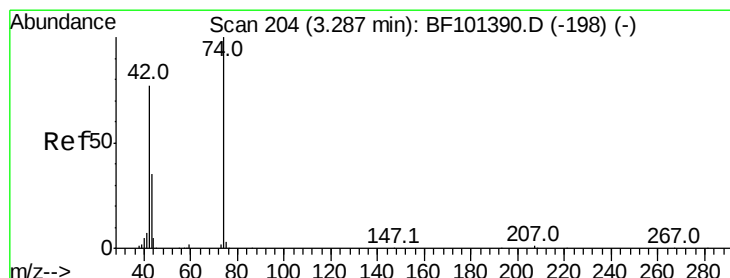
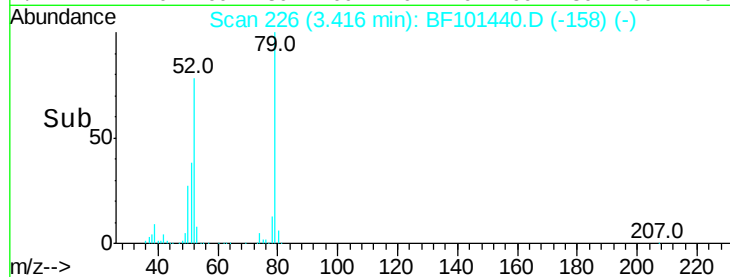
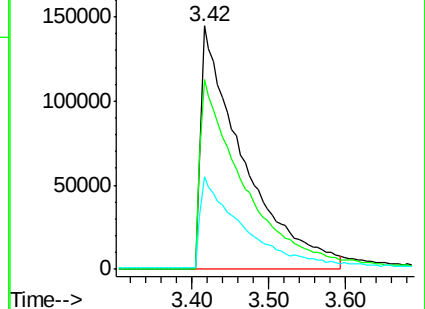
51 38.3 29.8 44.8



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: 38.875 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.09 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

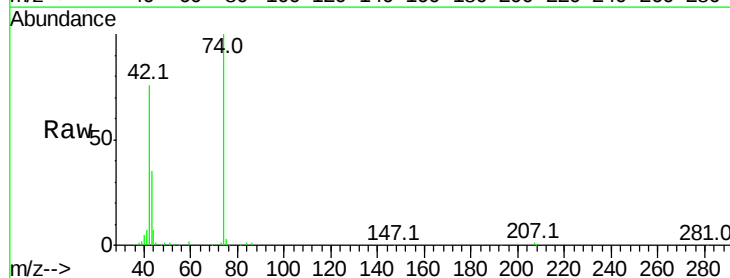
Tgt Ion: 42 Resp: 285585

Ion Ratio Lower Upper

42 100

74 131.6 104.9 157.3

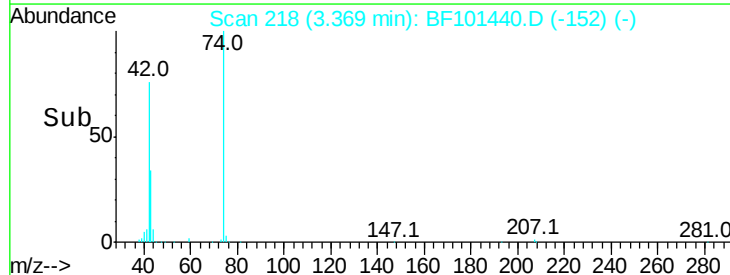
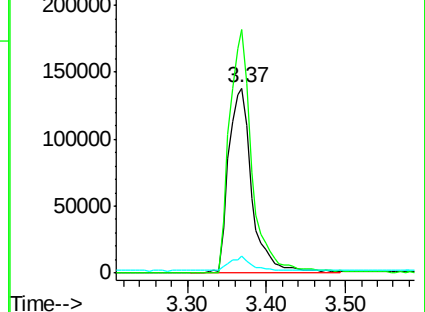
44 9.0 6.9 10.3

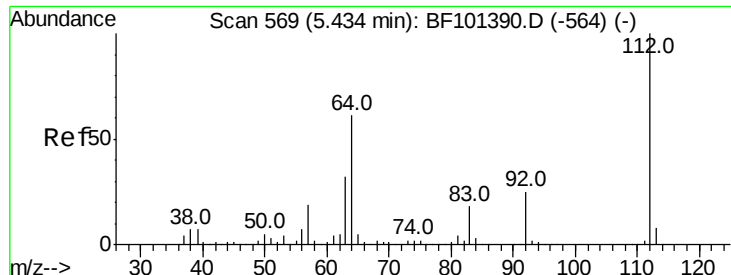


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 112.239 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.02 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Instrument :

BNA_F

ClientSampled :

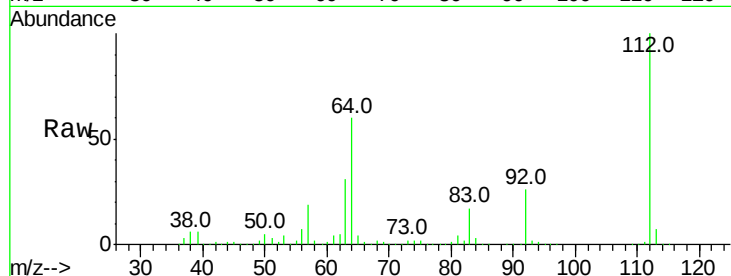
Tot Ion:112 Resp: 1254392

Ion Ratio Lower Upper

112 100

64 60.1 47.9 71.9

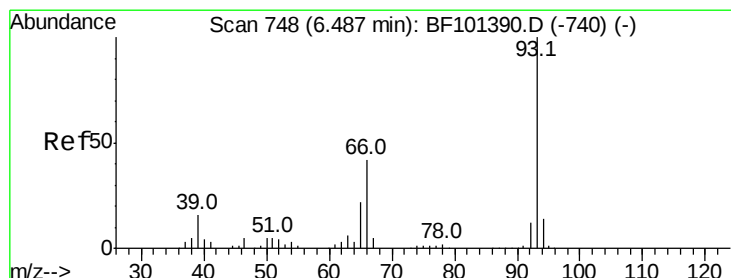
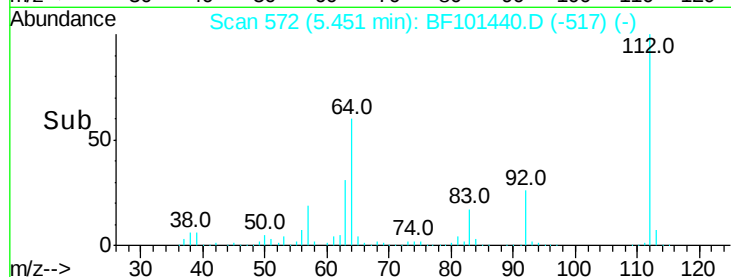
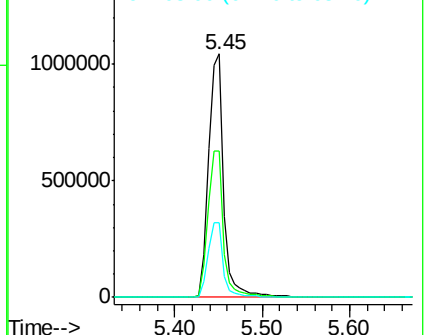
63 30.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.088 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

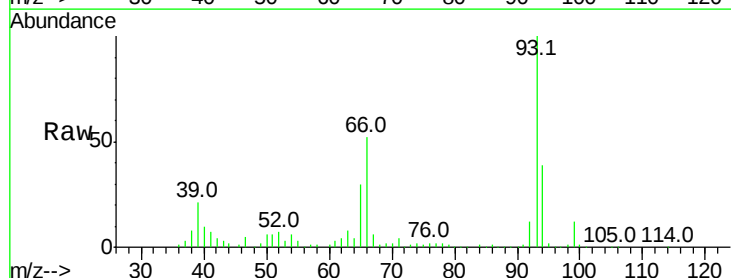
Tgt Ion: 93 Resp: 272306

Ion Ratio Lower Upper

93 100

66 52.0 32.2 48.2#

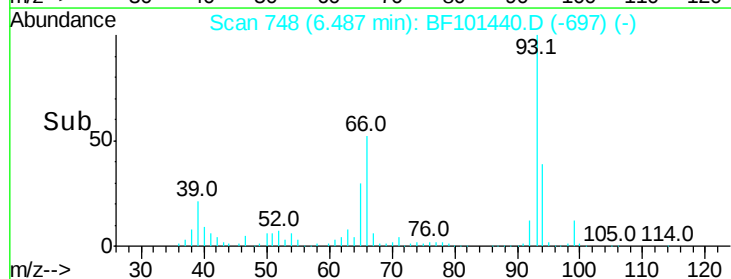
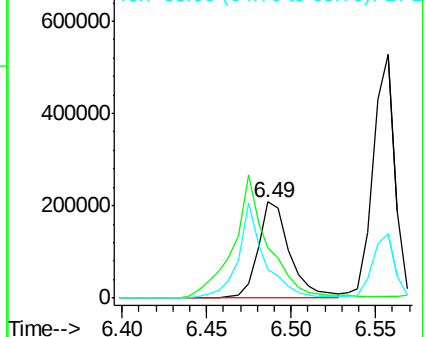
65 30.1 16.4 24.6#

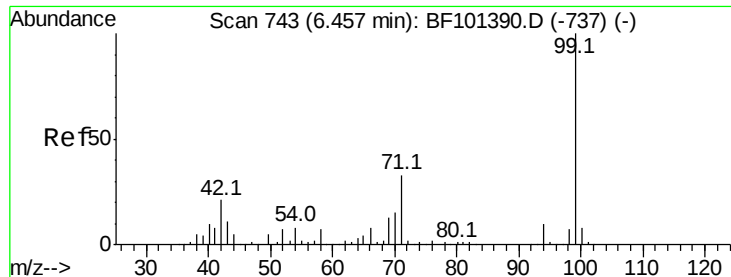


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.181 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Instrument :

BNA_F

ClientSampled :

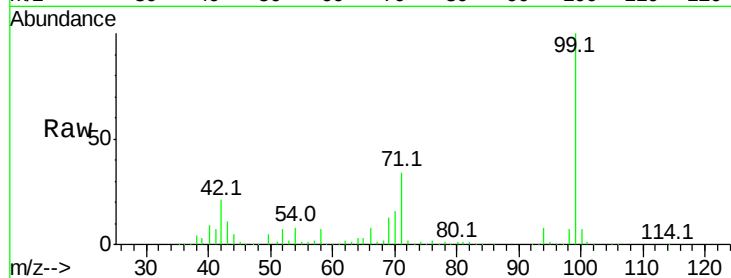
Tot Ion: 99 Resp: 1546412

Ion Ratio Lower Upper

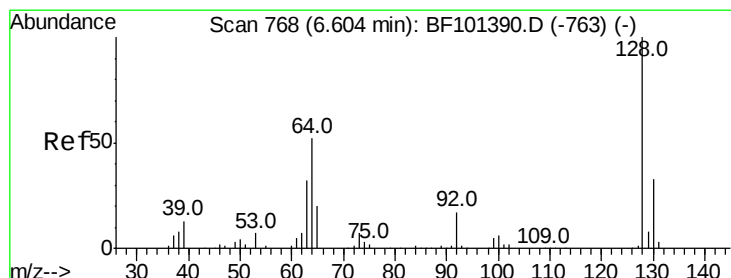
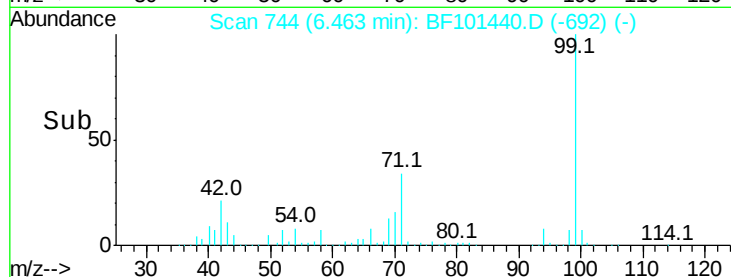
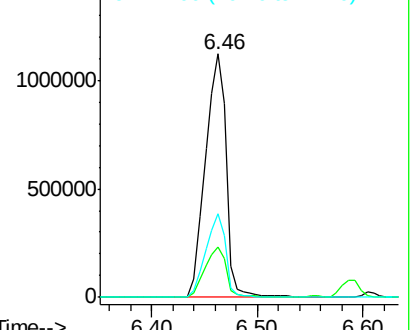
99 100

42 20.9 14.5 21.7

71 34.1 25.4 38.0



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



#8

2-Chlorophenol

Concen: 38.876 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

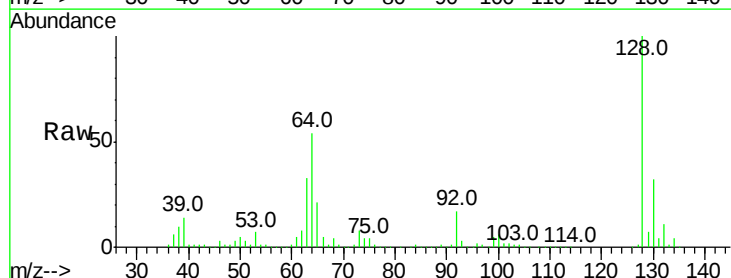
Tgt Ion: 128 Resp: 457047

Ion Ratio Lower Upper

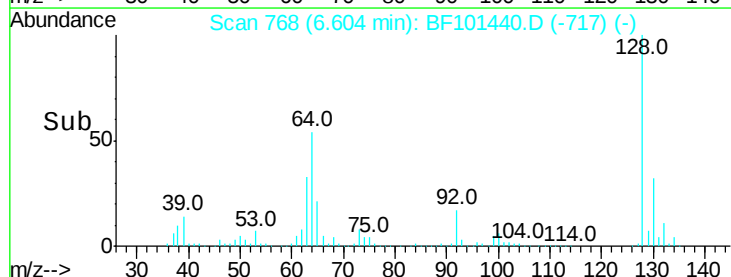
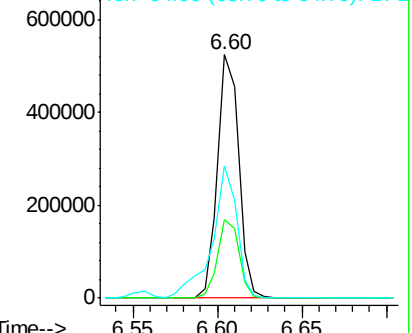
128 100

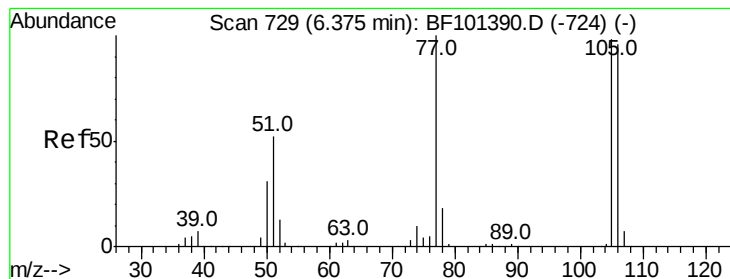
130 32.4 13.0 53.0

64 54.2 29.4 69.4



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





#9

Benzaldehyde

Concen: 34.569 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Instrument :

BNA_F

ClientSampleId :

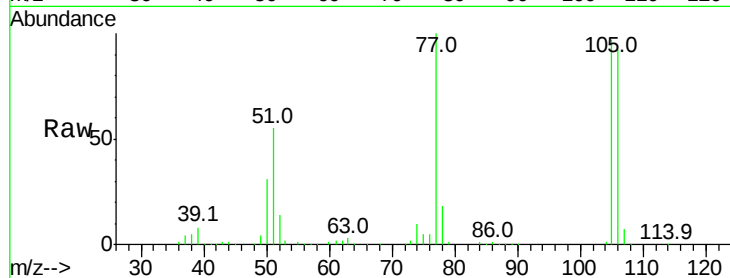
Tot Ion: 77 Resp: 355094

Ion Ratio Lower Upper

77 100

105 97.4 81.1 121.1

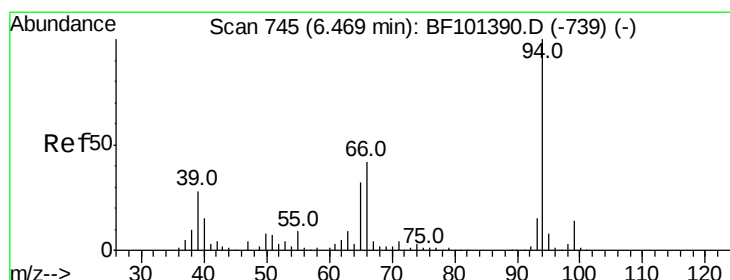
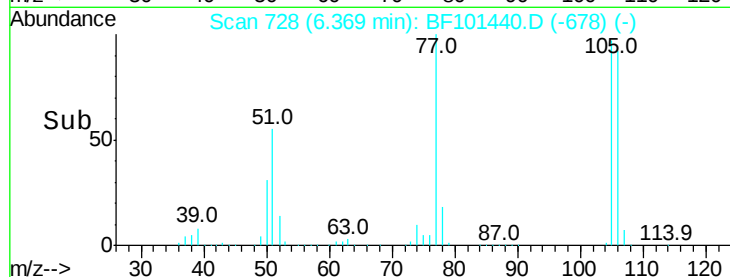
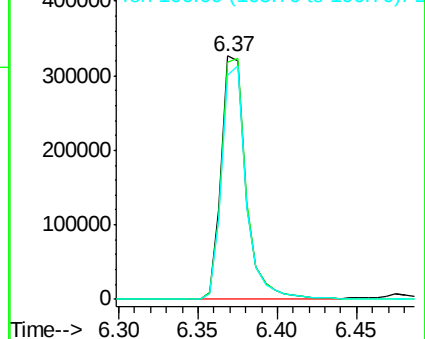
106 92.1 74.5 114.5



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: 36.041 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

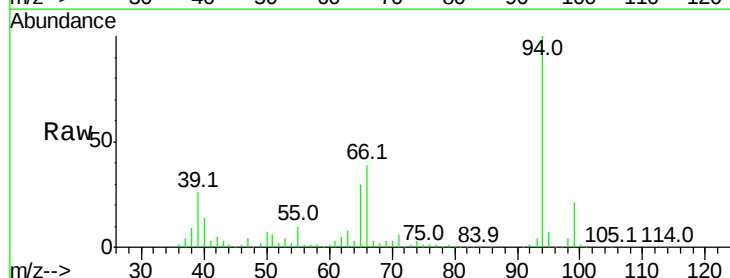
Tgt Ion: 94 Resp: 571351

Ion Ratio Lower Upper

94 100

65 29.8 7.9 47.9

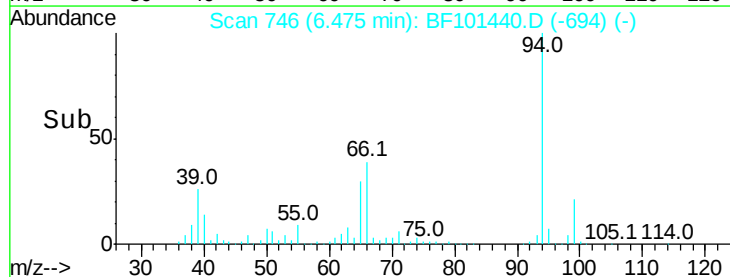
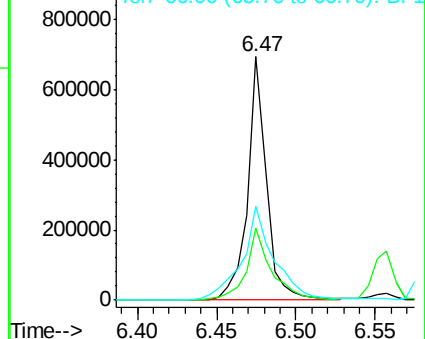
66 38.5 16.2 56.2

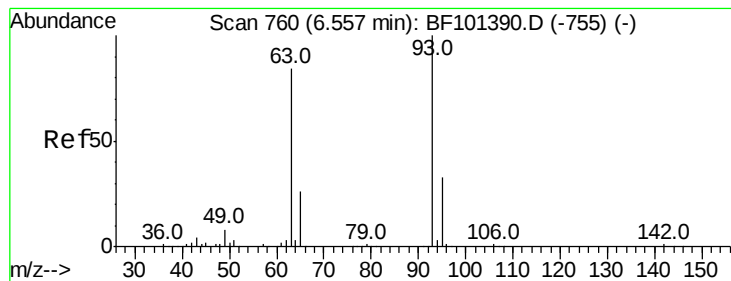


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.830 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Instrument :

BNA_F

ClientSampleId :

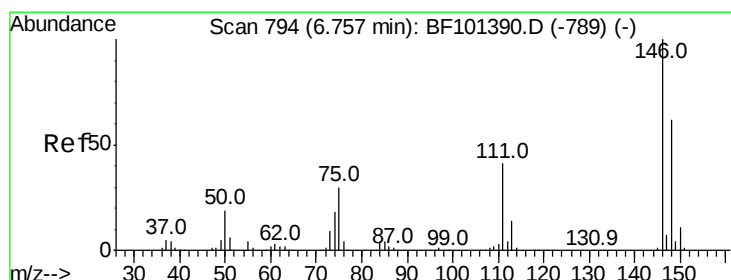
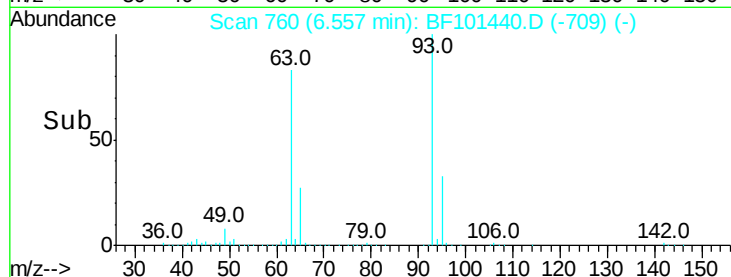
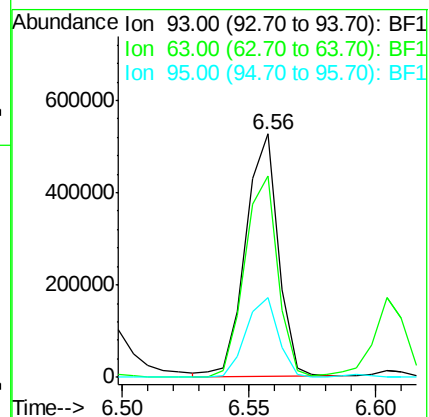
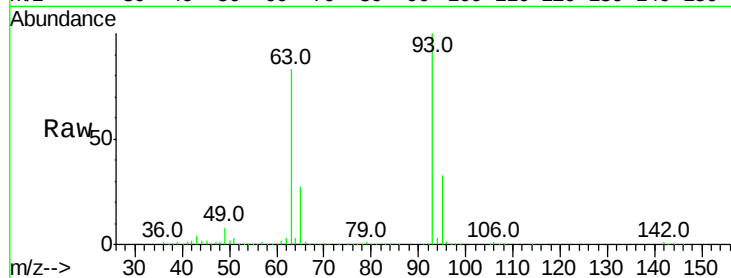
Tot Ion: 93 Resp: 470419

Ion Ratio Lower Upper

93 100

63 82.9 58.6 98.6

95 32.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 37.857 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

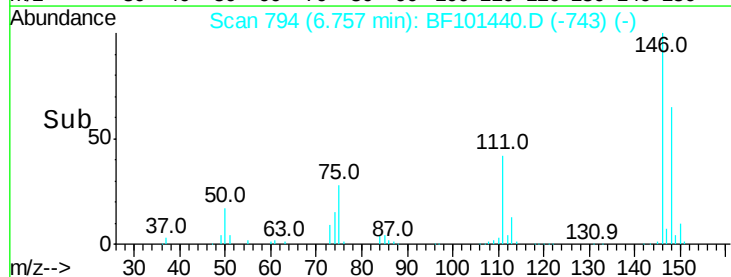
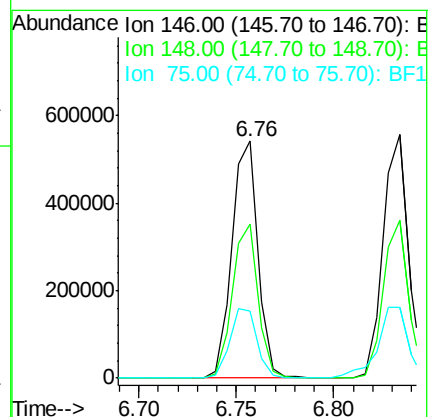
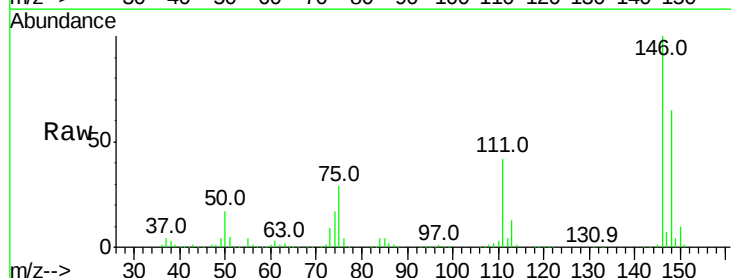
Tgt Ion: 146 Resp: 502309

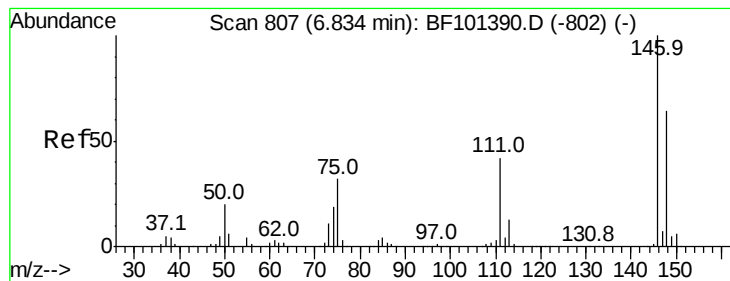
Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.8

75 28.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.168 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Instrument :

BNA_F

ClientSampleId :

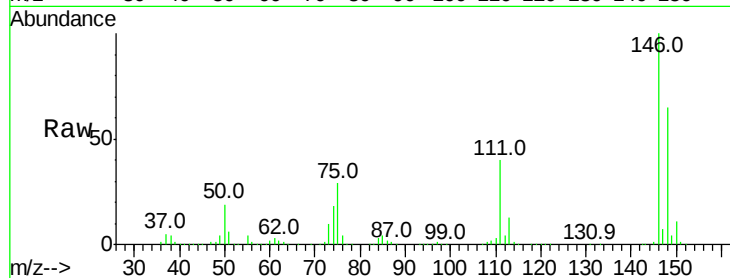
Tot Ion:146 Resp: 503608

Ion Ratio Lower Upper

146 100

148 64.6 50.8 76.2

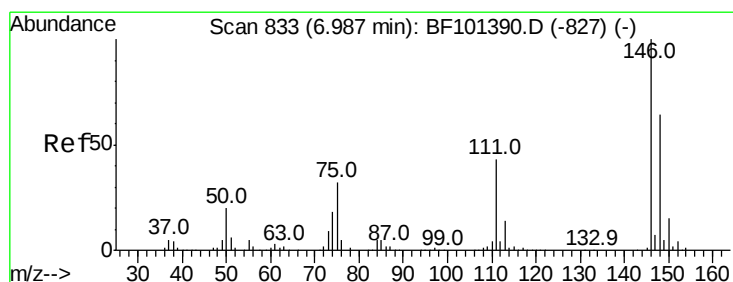
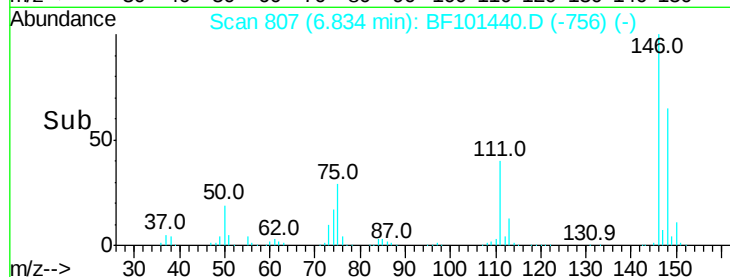
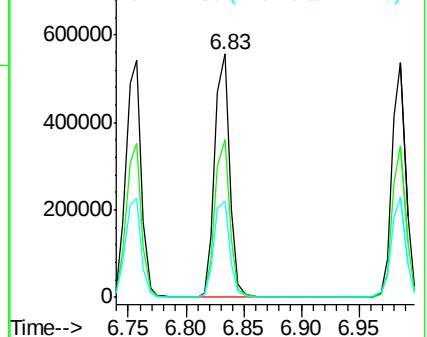
111 39.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.997 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

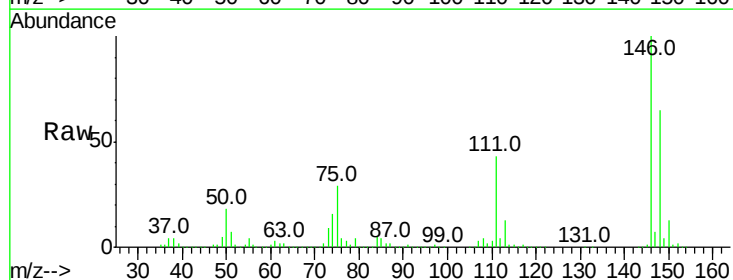
Tgt Ion:146 Resp: 451230

Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

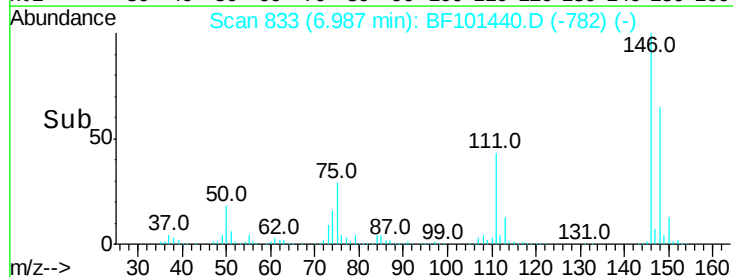
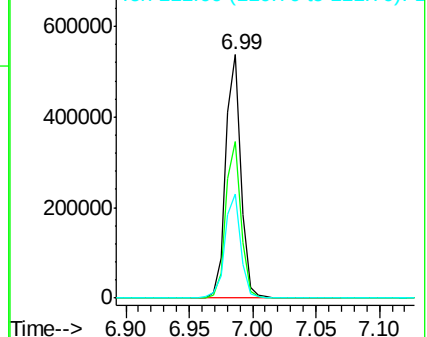
111 42.8 36.0 54.0

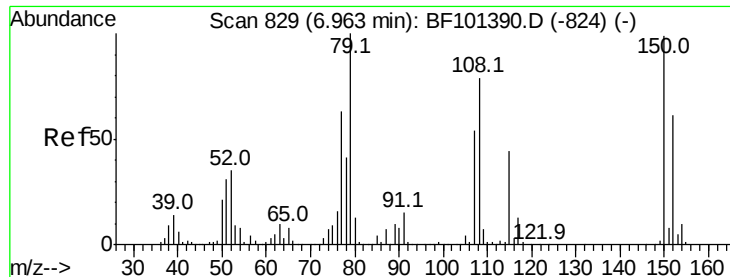


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.311 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Instrument :

BNA_F

ClientSampled :

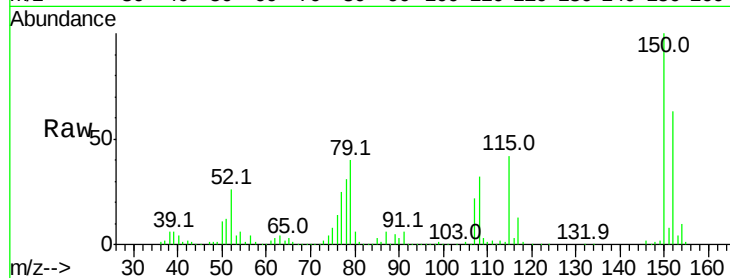
Tot Ion: 79 Resp: 347624

Ion Ratio Lower Upper

79 100

108 79.3 65.1 97.7

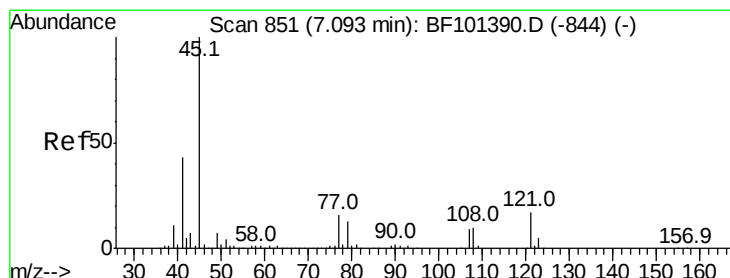
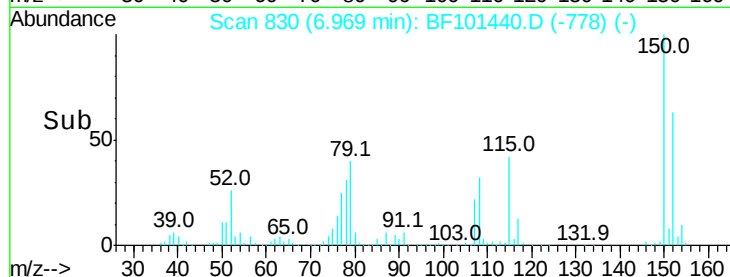
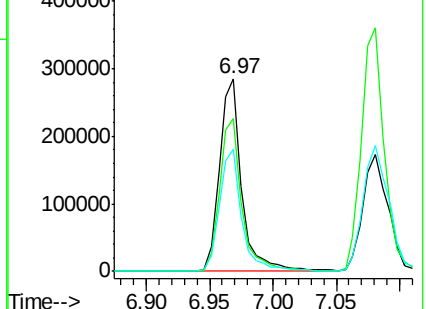
77 63.1 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.807 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

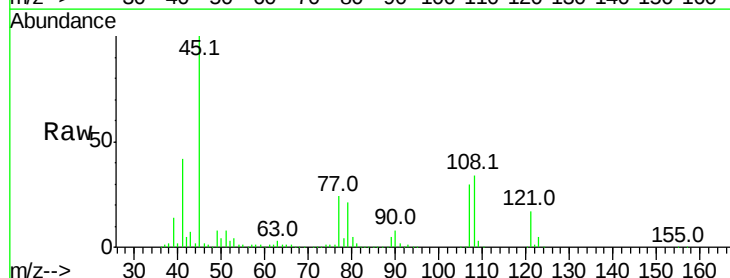
Tgt Ion: 45 Resp: 776614

Ion Ratio Lower Upper

45 100

77 23.7 0.0 32.9

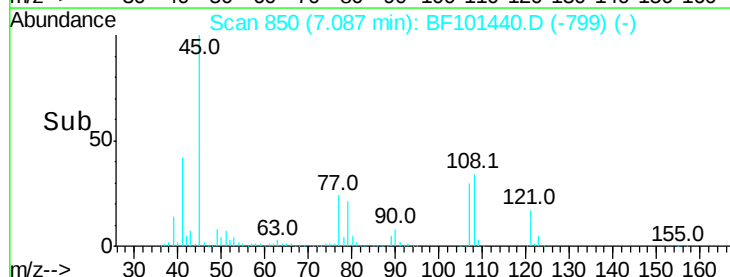
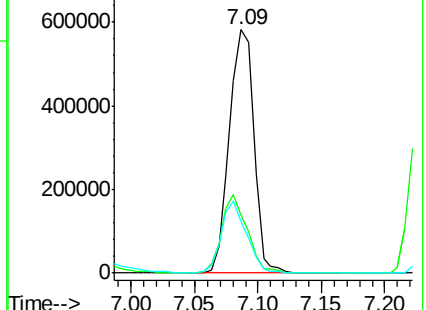
79 21.1 0.0 29.6

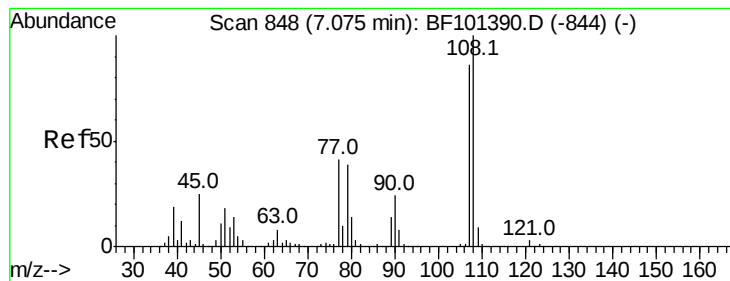


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 36.219 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.01 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 391681

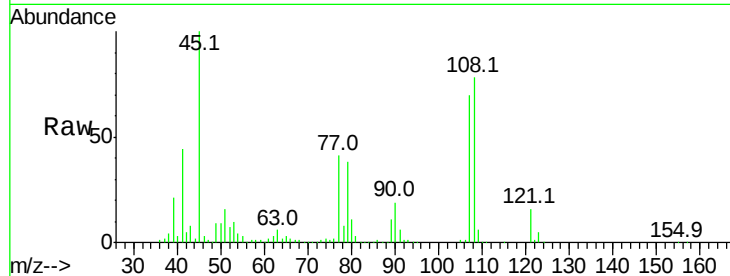
Ion Ratio Lower Upper

107 100

108 111.3 91.7 137.5

77 57.8 33.8 50.8#

79 53.6 33.8 50.8#

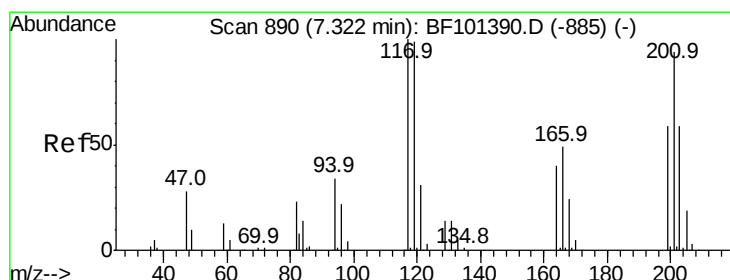
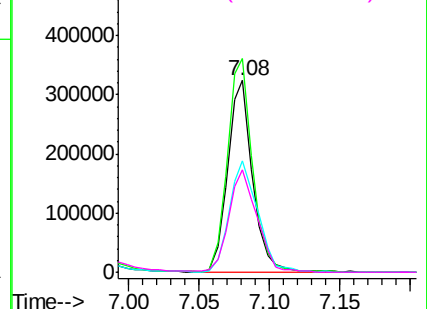
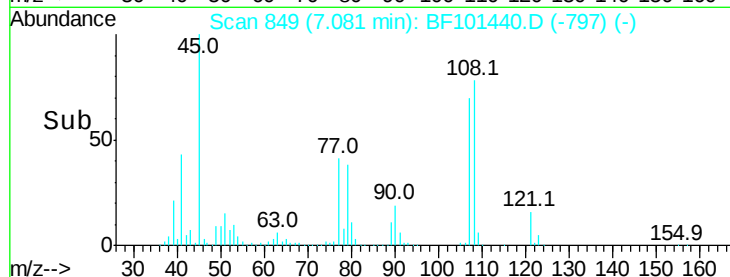


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.925 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

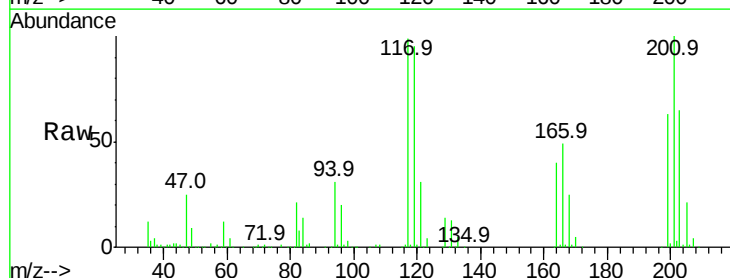
Tgt Ion:117 Resp: 178659

Ion Ratio Lower Upper

117 100

119 95.7 75.8 113.8

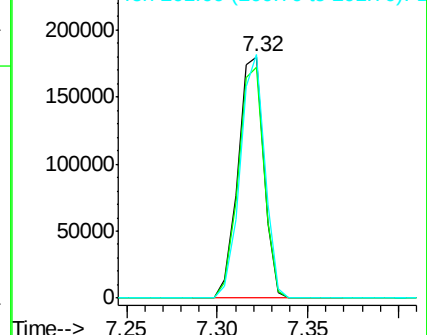
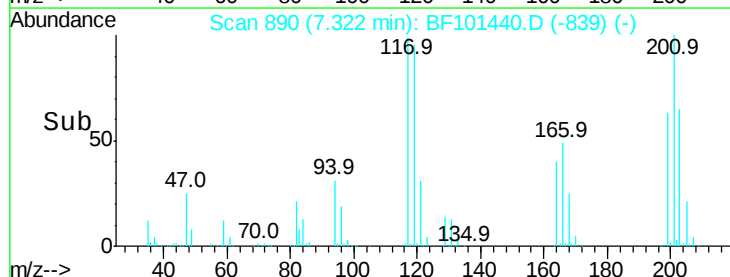
201 100.9 75.7 113.5

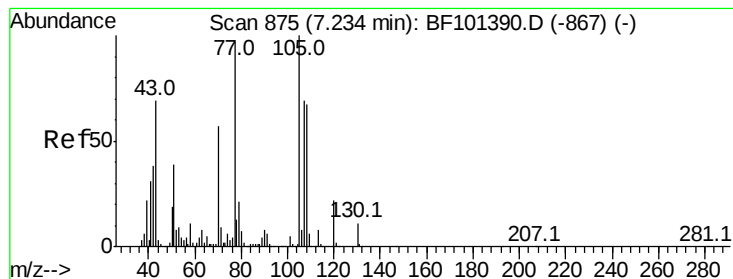


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.543 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 315530

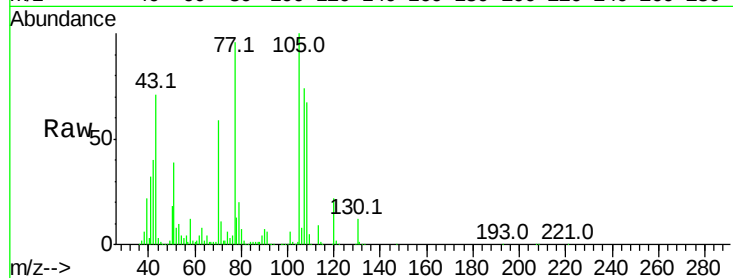
Ion Ratio Lower Upper

70 100

42 67.4 47.5 71.3

101 10.1 7.4 11.2

130 20.1 16.6 25.0

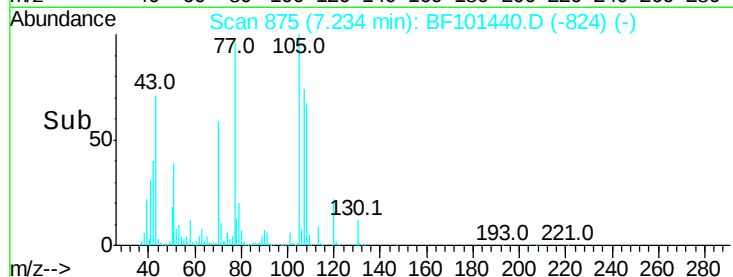
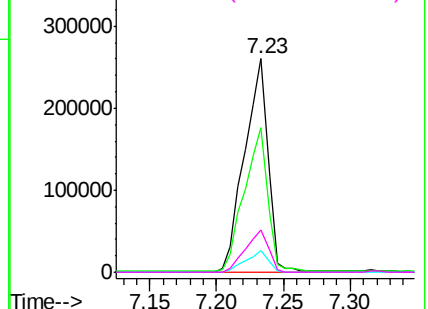


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 42.496 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.01 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Tgt Ion: 107 Resp: 486991

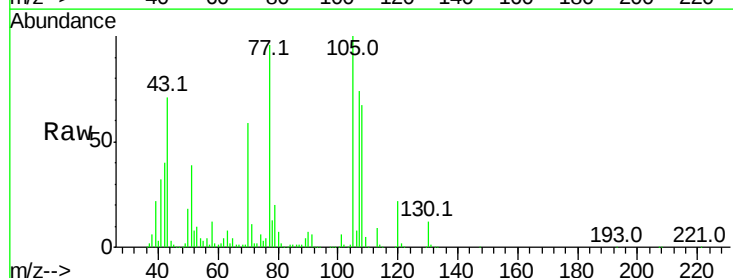
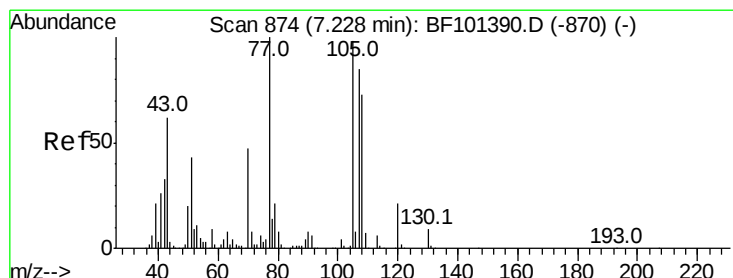
Ion Ratio Lower Upper

107 100

108 90.8 68.2 108.2

77 130.0 26.7 66.7#

79 27.3 6.3 46.3

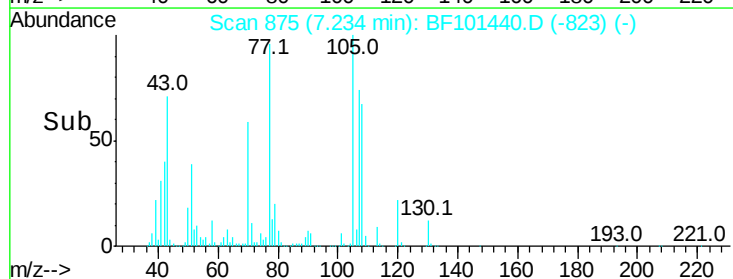
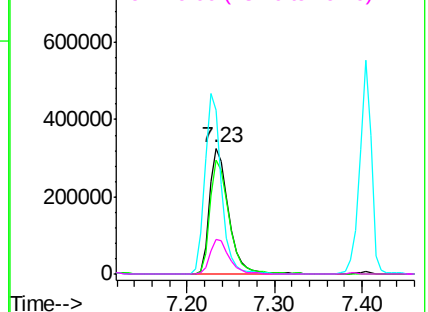


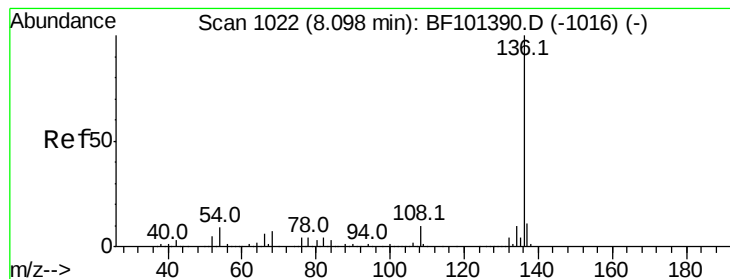
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 683864

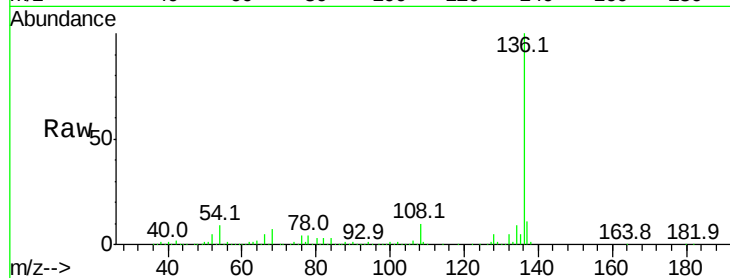
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.0 6.6 9.8

68 6.7 5.0 7.4

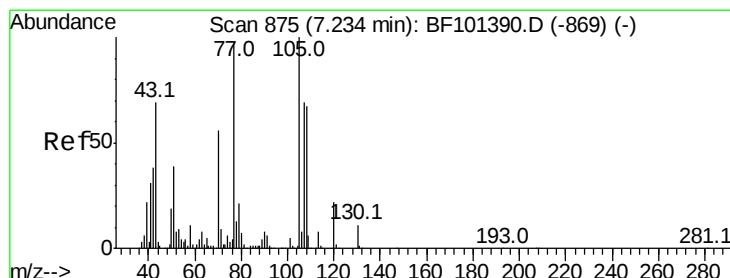
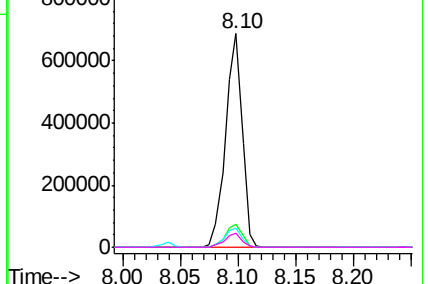
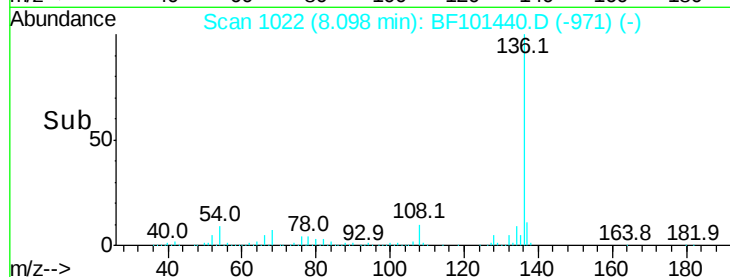


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.857 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Tgt Ion:105 Resp: 621934

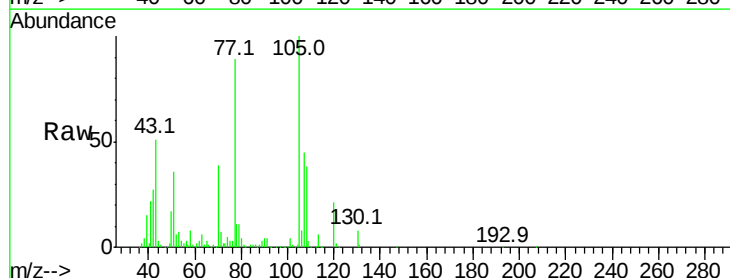
Ion Ratio Lower Upper

105 100

71 6.9 4.4 6.6#

51 35.9 22.3 33.5#

120 21.4 16.9 25.3

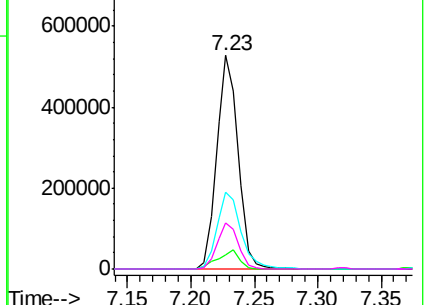
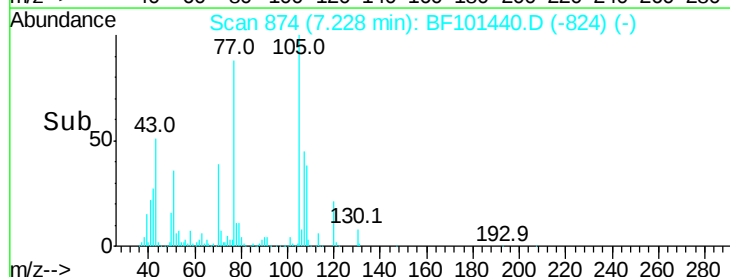


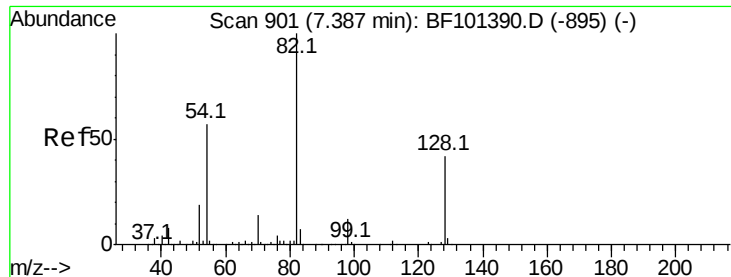
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

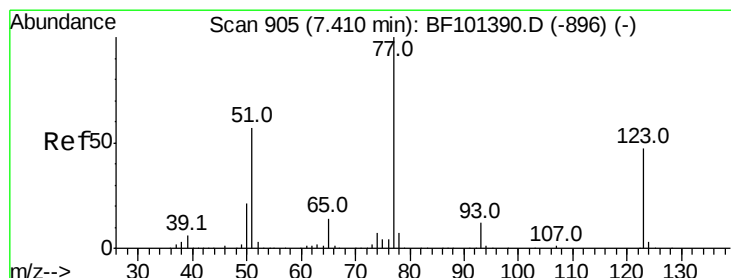
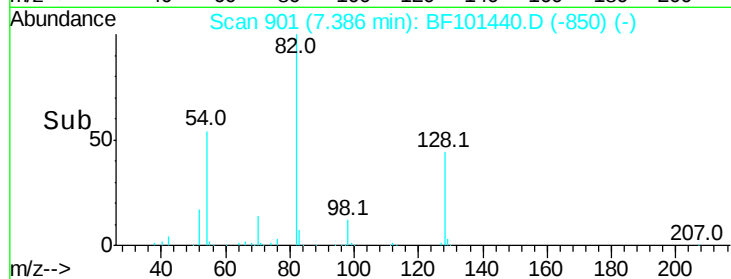
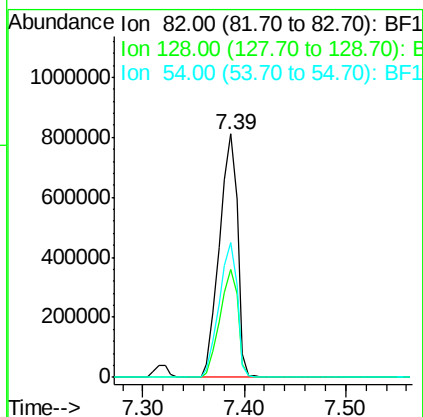
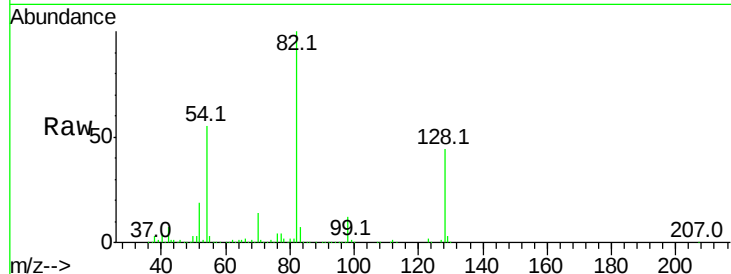




#23
 Nitrobenzene-d5
 Concen: 82.177 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF101440.D
 Acq: 15 Dec 2017 14:03

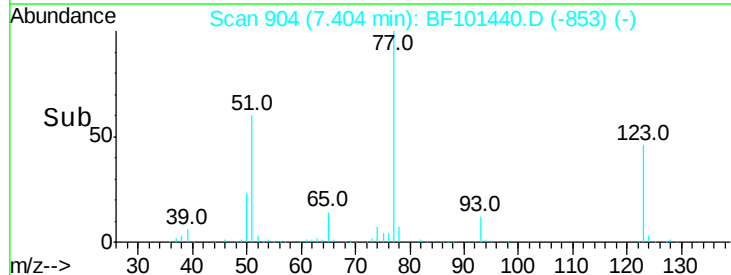
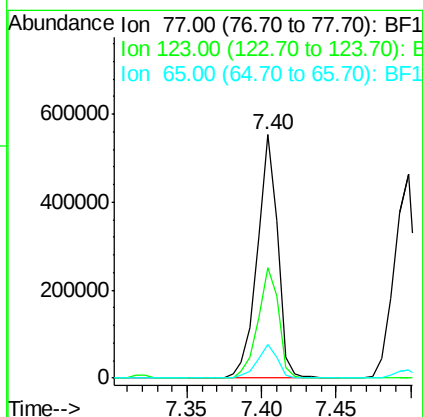
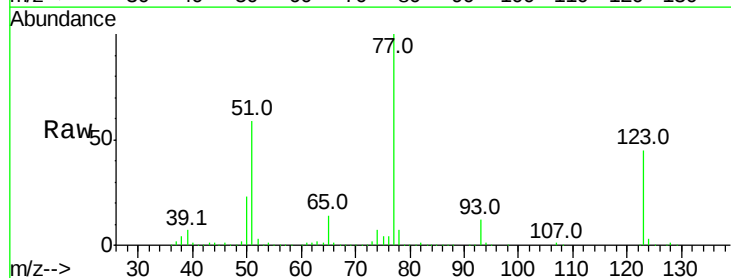
Instrument :
 BNA_F
 ClientSampleId :

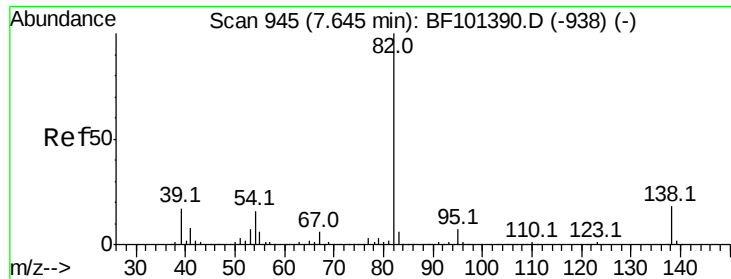
Tot Ion: 82 Resp: 1009559
 Ion Ratio Lower Upper
 82 100
 128 44.3 36.1 54.1
 54 55.2 41.4 62.2



#24
 Nitrobenzene
 Concen: 37.788 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF101440.D
 Acq: 15 Dec 2017 14:03

Tgt Ion: 77 Resp: 513787
 Ion Ratio Lower Upper
 77 100
 123 45.4 37.9 56.9
 65 14.0 11.0 16.4





#25

Isophorone

Concen: 39.430 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Instrument :

BNA_F

ClientSampleId :

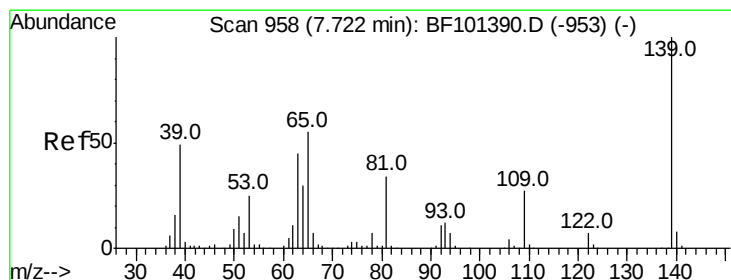
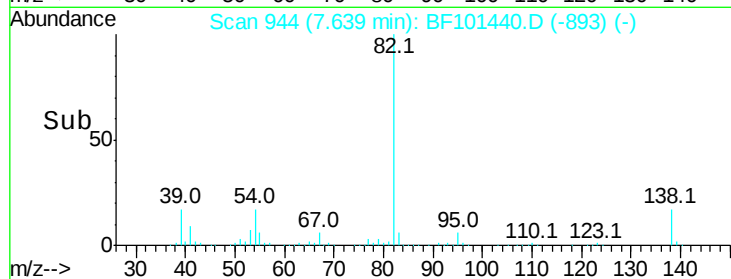
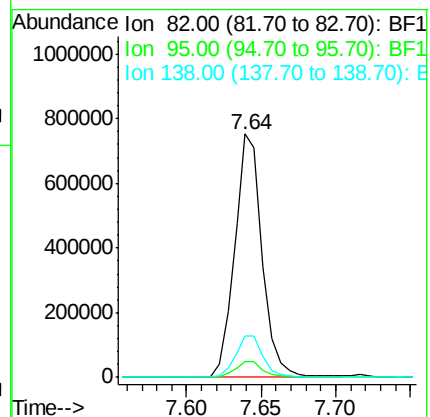
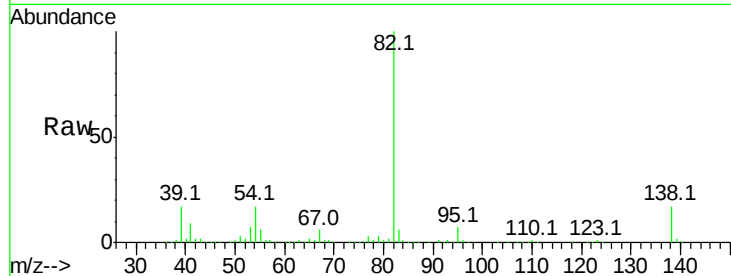
Tot Ion: 82 Resp: 971741

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 17.3 14.9 22.3



#26

2-Nitrophenol

Concen: 45.249 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

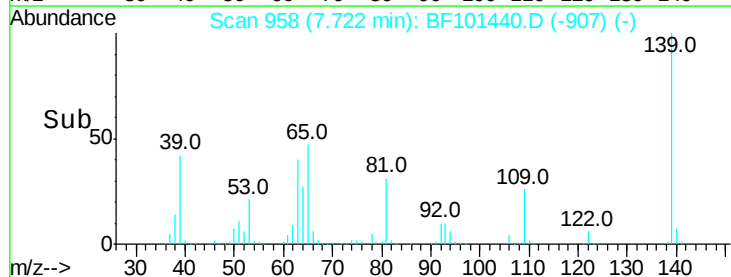
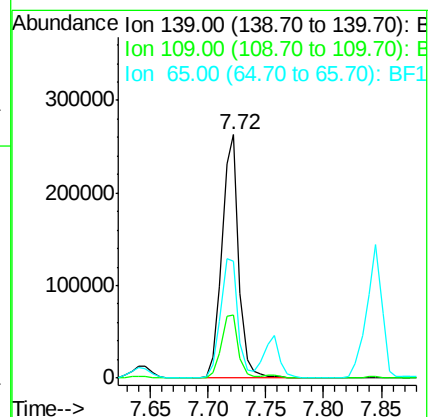
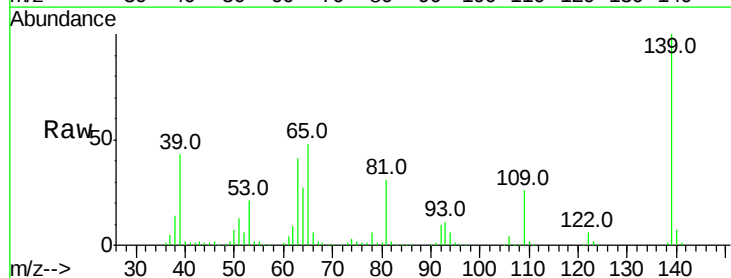
Tgt Ion: 139 Resp: 264315

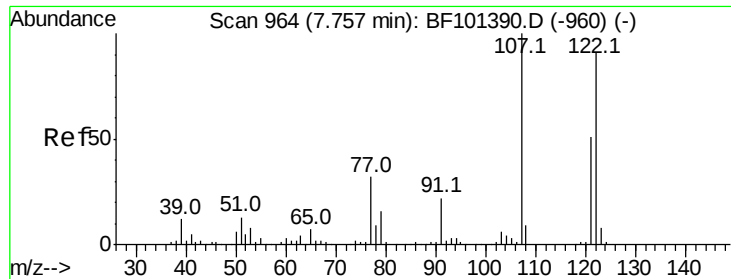
Ion Ratio Lower Upper

139 100

109 25.8 22.7 34.1

65 48.0 40.5 60.7

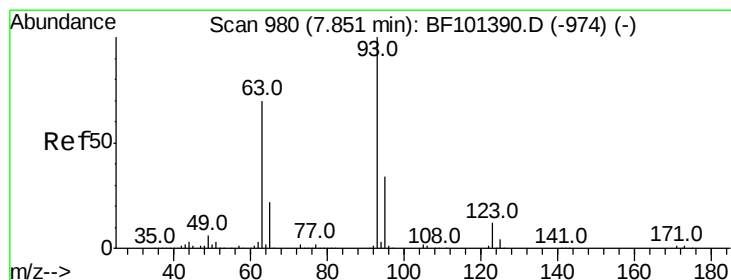
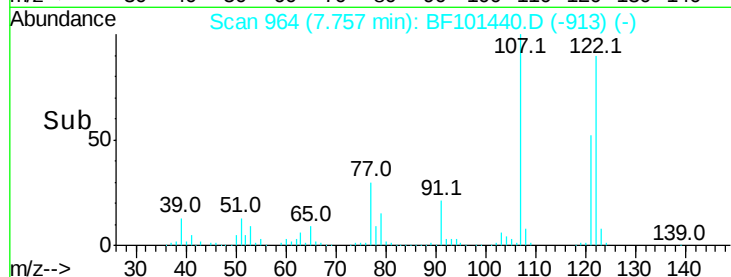
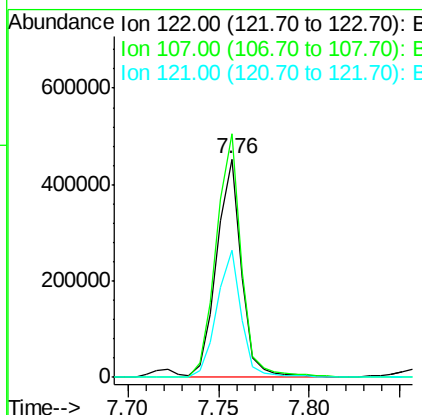
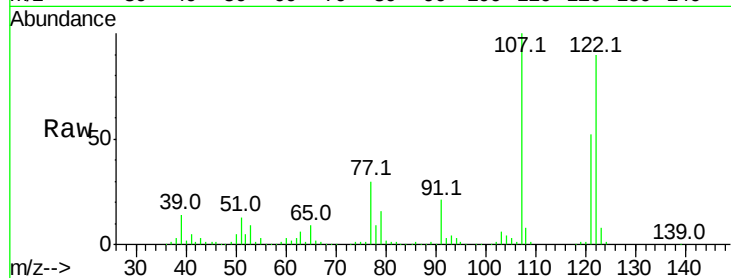




#27
2,4-Dimethylphenol
Concen: 43.523 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

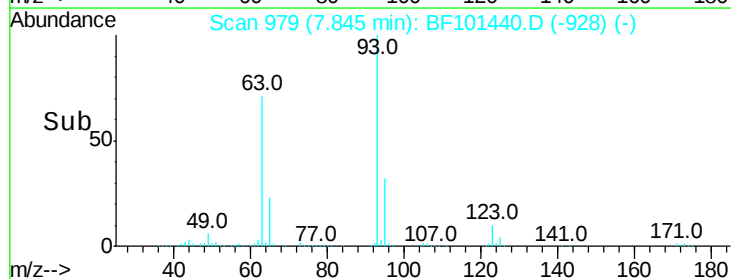
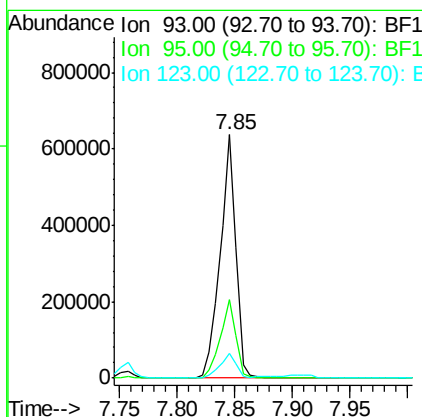
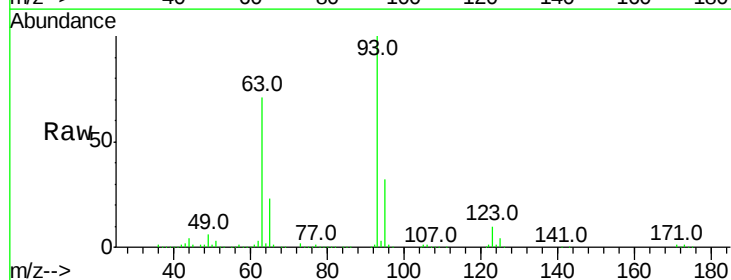
Instrument :
BNA_F
ClientSampleId :

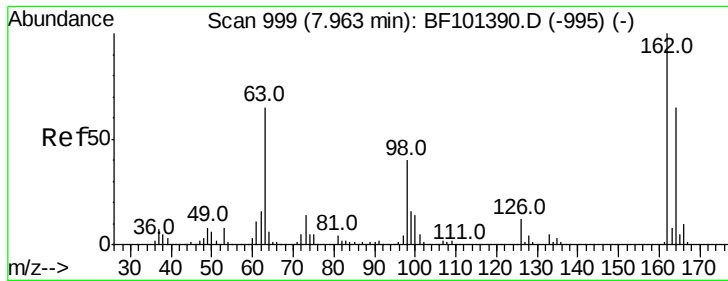
Tot Ion:122 Resp: 431908
Ion Ratio Lower Upper
122 100
107 111.4 91.2 136.8
121 58.2 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 38.679 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

Tgt Ion: 93 Resp: 605524
Ion Ratio Lower Upper
93 100
95 32.3 26.3 39.5
123 10.3 9.8 14.6

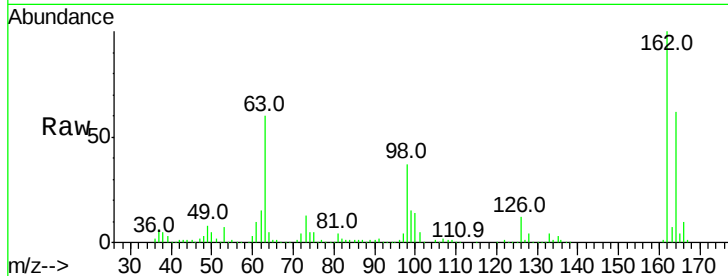




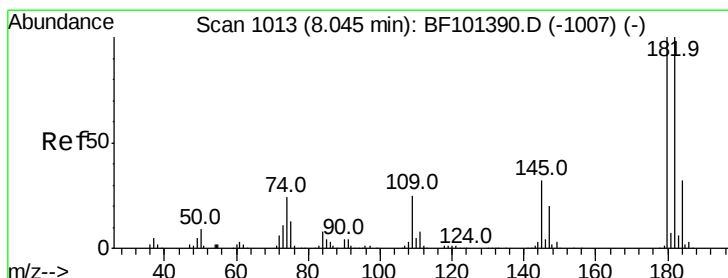
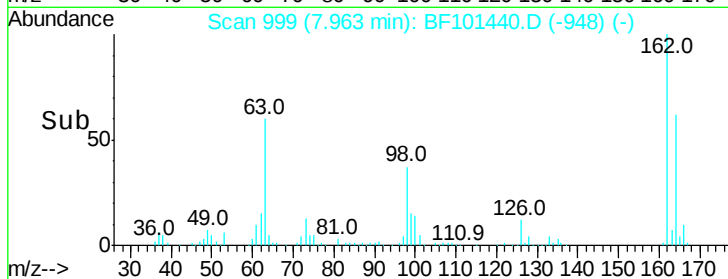
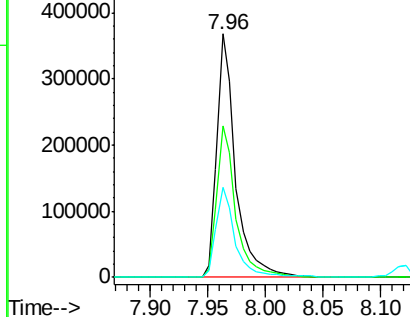
#29
 2,4-Dichlorophenol
 Concen: 42.233 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF101440.D
 Acq: 15 Dec 2017 14:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	42.7	82.7
98	37.0	18.1	58.1

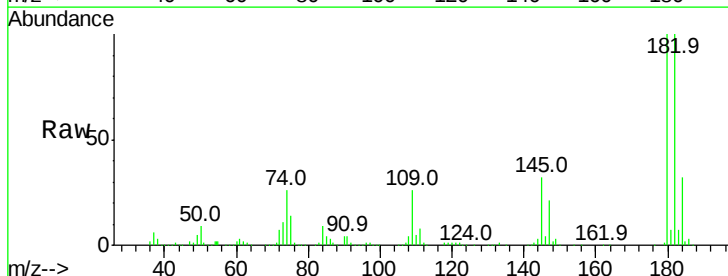


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

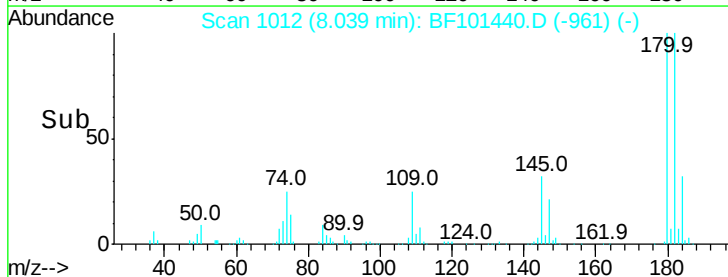
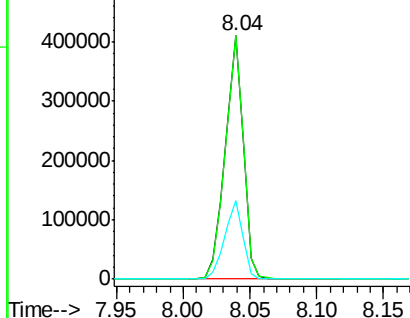


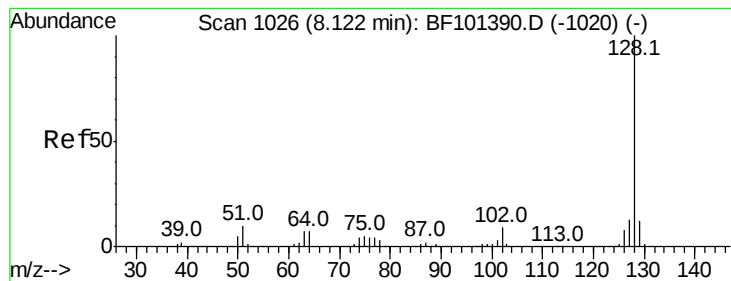
#30
 1,2,4-Trichlorobenzene
 Concen: 38.433 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF101440.D
 Acq: 15 Dec 2017 14:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.0	76.8	115.2
145	32.2	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.710 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Instrument :

BNA_F

ClientSampleId :

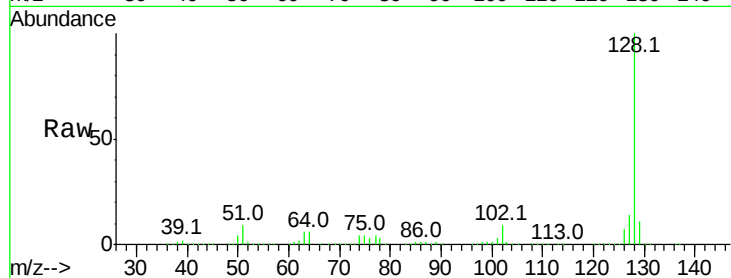
Tot Ion:128 Resp: 1298283

Ion Ratio Lower Upper

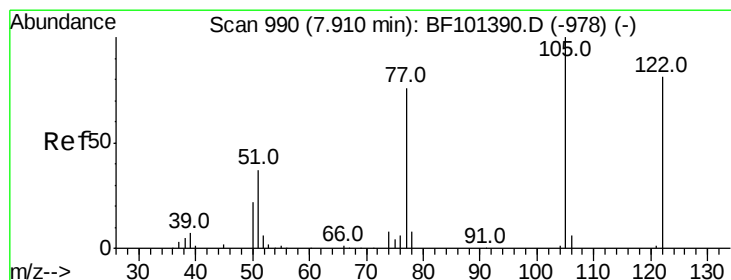
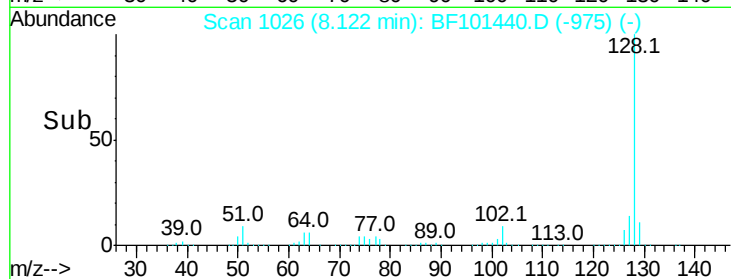
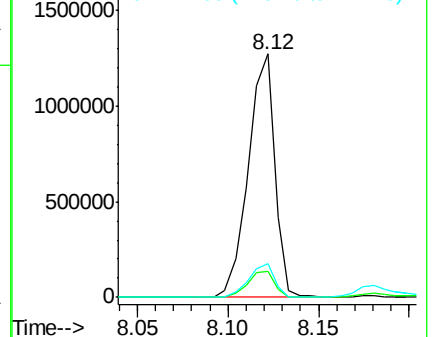
128 100

129 10.9 8.8 13.2

127 13.6 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: 37.791 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.01 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

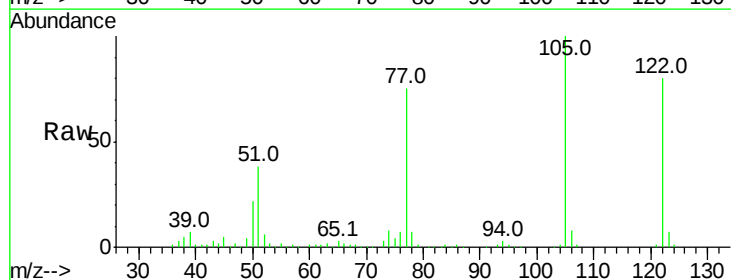
Tgt Ion:122 Resp: 239118

Ion Ratio Lower Upper

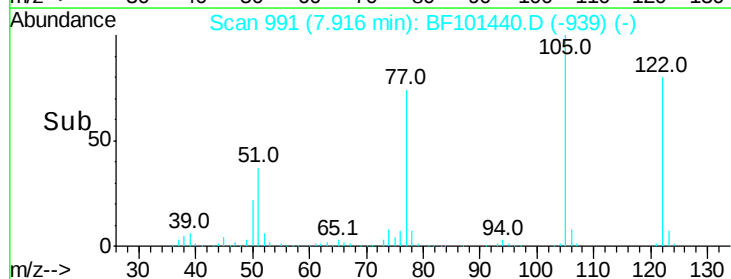
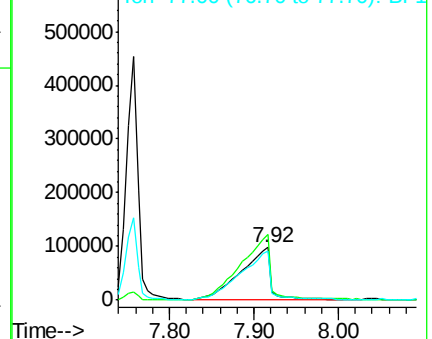
122 100

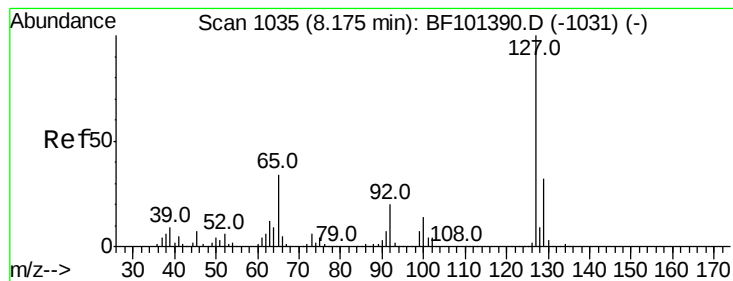
105 125.0 101.1 141.1

77 93.4 70.7 110.7



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





#33

4-Chloroaniline

Concen: 7.345 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.01 min

Lab File: BF101440.D

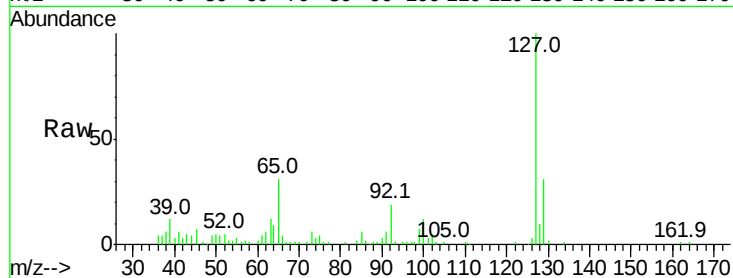
Acq: 15 Dec 2017 14:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	109907
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.9	38.9
65	31.2	25.0	37.4
92	18.6	15.2	22.8

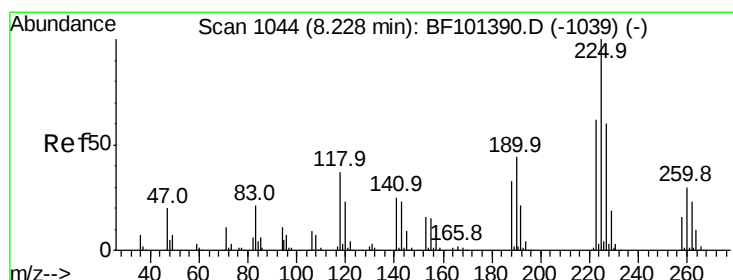
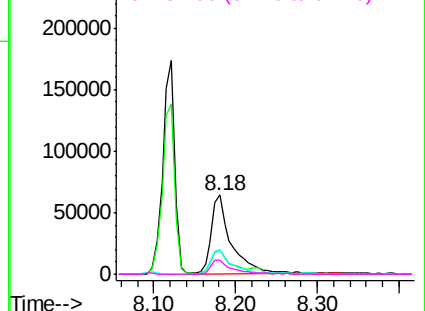
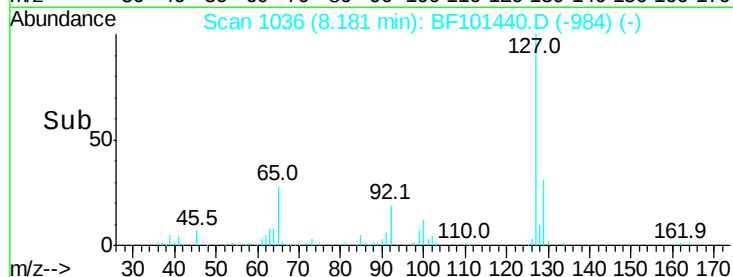


Abundance Ion 127.00 (126.70 to 127.70): E

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: 37.447 ng

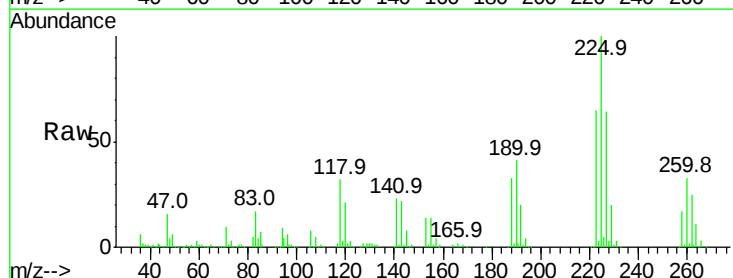
RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

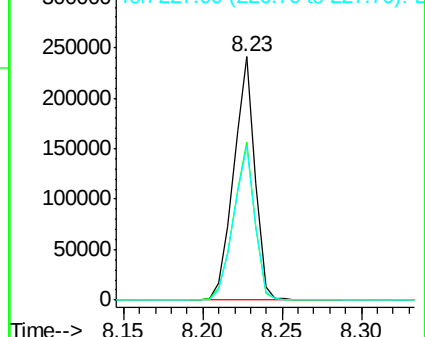
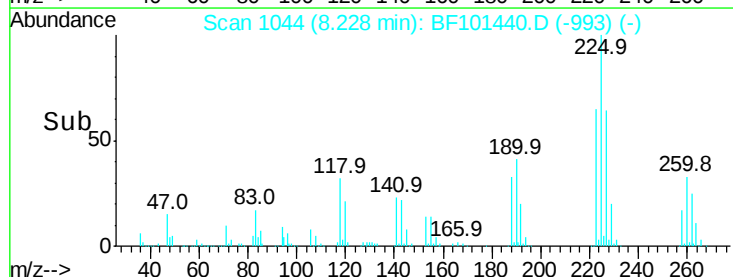
Tgt Ion:	225	Resp:	224085
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.6	76.0
227	63.5	51.9	77.9

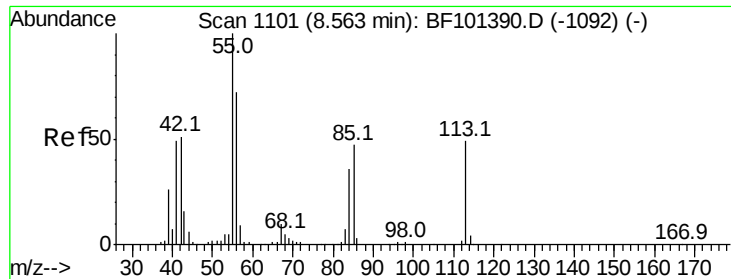


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

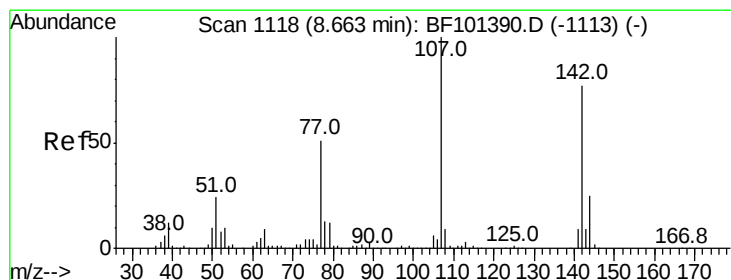
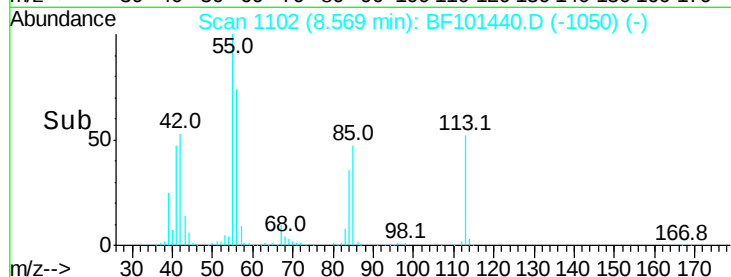
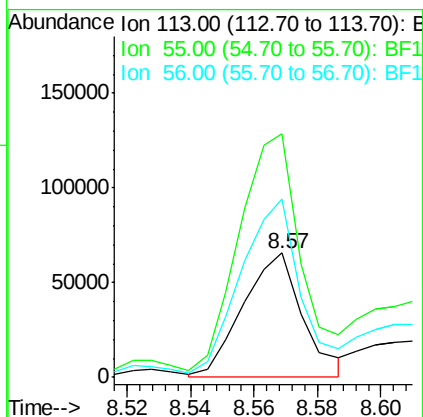
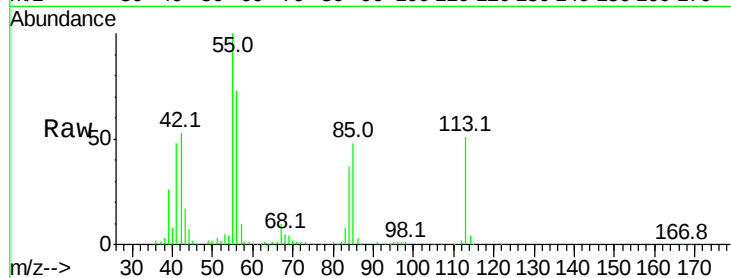




#35
Caprolactam
Concen: 25.198 ng
RT: 8.57 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

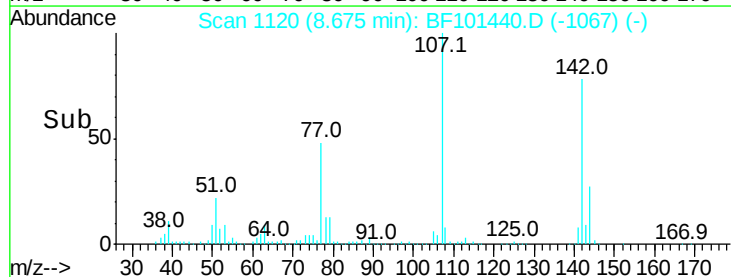
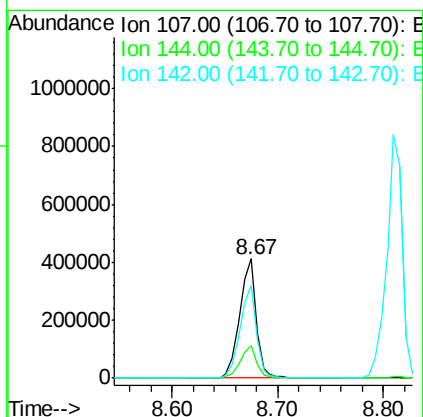
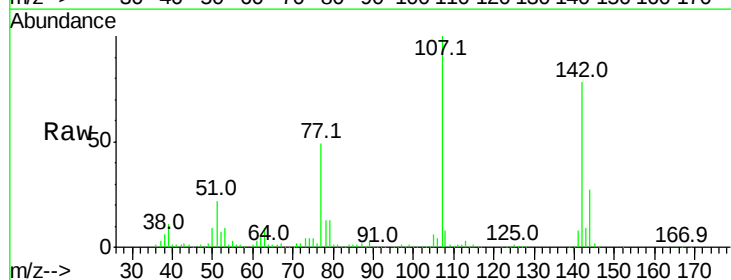
Instrument :
BNA_F
ClientSampleId :

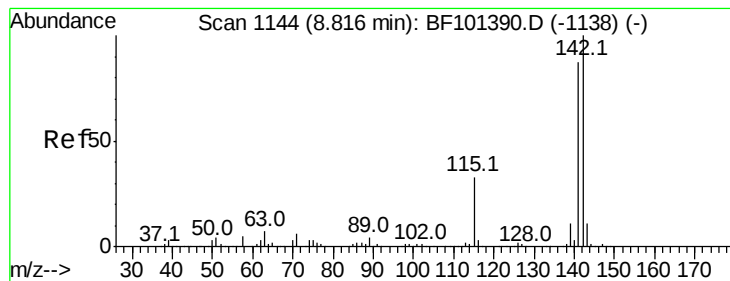
Tot Ion:113 Resp: 85782
Ion Ratio Lower Upper
113 100
55 196.3 163.3 203.3
56 143.6 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 40.779 ng
RT: 8.67 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

Tgt Ion:107 Resp: 439429
Ion Ratio Lower Upper
107 100
144 27.0 20.5 30.7
142 77.6 62.0 93.0





#37

2-Methylnaphthalene

Concen: 39.205 ng

RT: 8.81 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Instrument :

BNA_F

ClientSampleId :

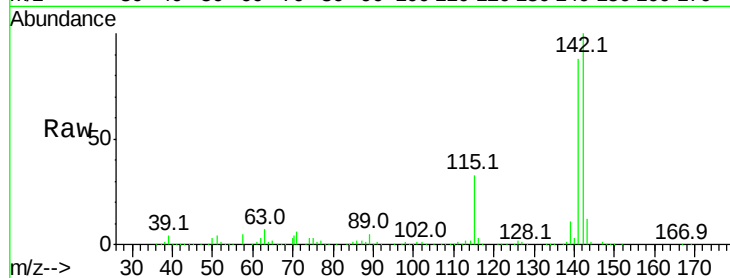
Tot Ion:142 Resp: 879394

Ion Ratio Lower Upper

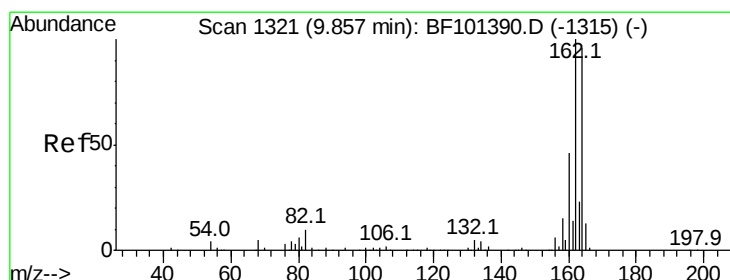
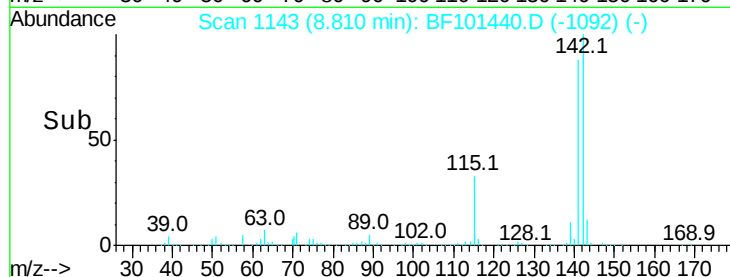
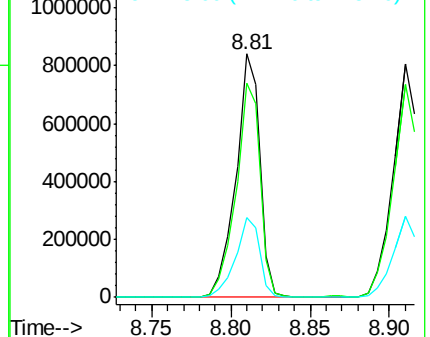
142 100

141 87.8 70.8 106.2

115 33.0 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: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

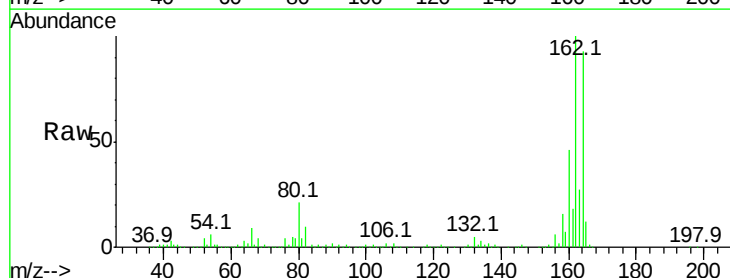
Tgt Ion:164 Resp: 319001

Ion Ratio Lower Upper

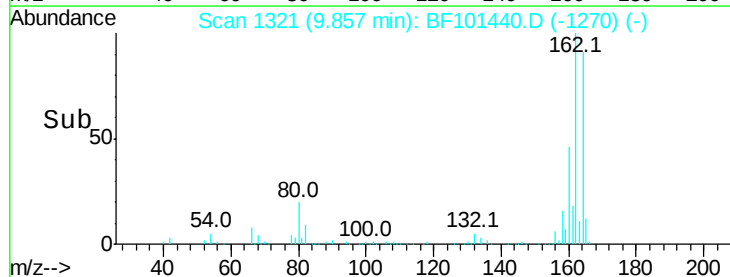
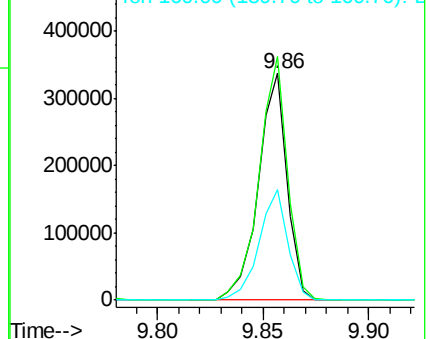
164 100

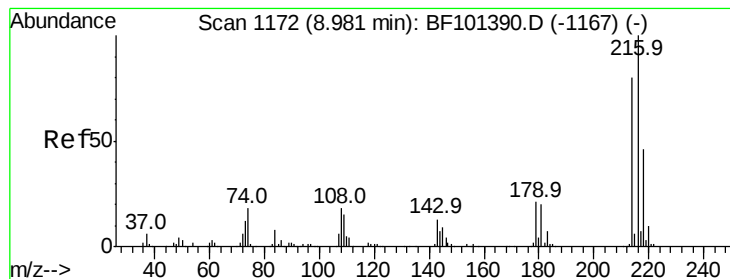
162 107.5 86.1 129.1

160 49.0 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: 38.826 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 418172

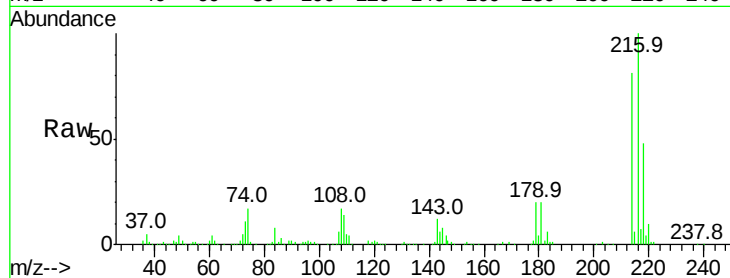
Ion Ratio Lower Upper

216 100

214 80.5 63.0 94.4

179 20.6 18.1 27.1

108 19.5 17.2 25.8

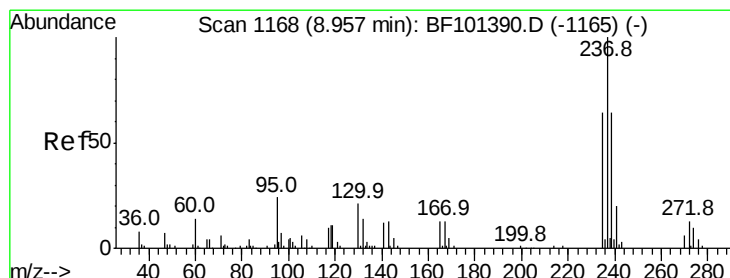
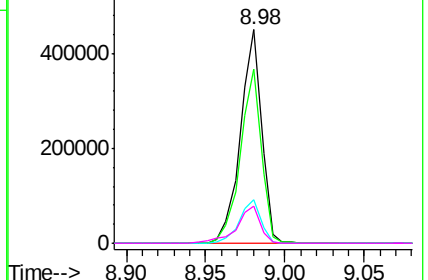
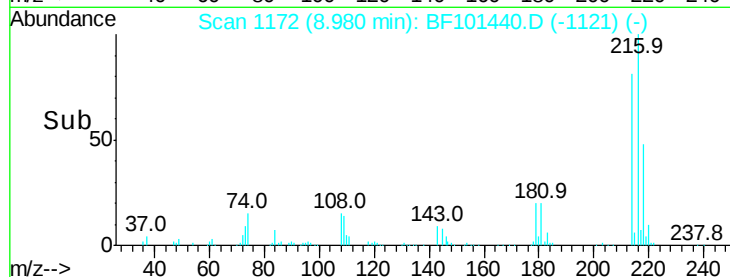


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.127 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

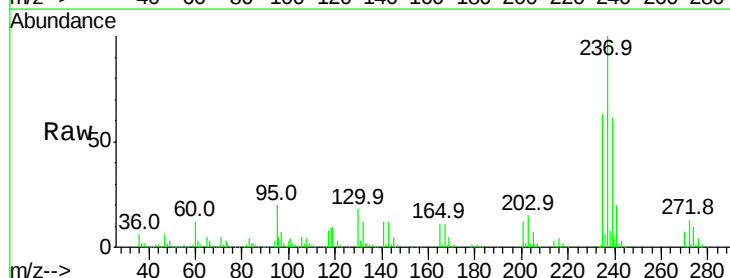
Tgt Ion:237 Resp: 179362

Ion Ratio Lower Upper

237 100

235 62.9 44.8 84.8

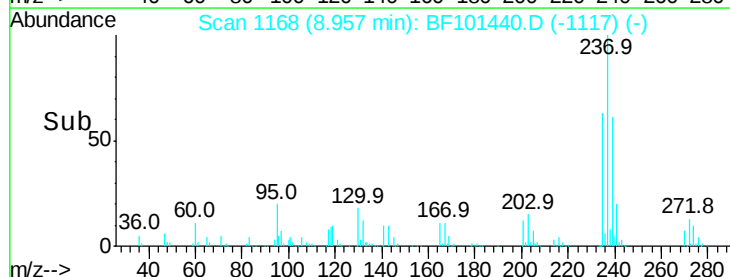
272 12.9 0.0 33.3



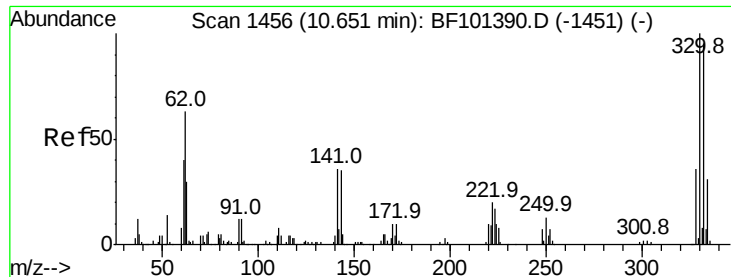
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



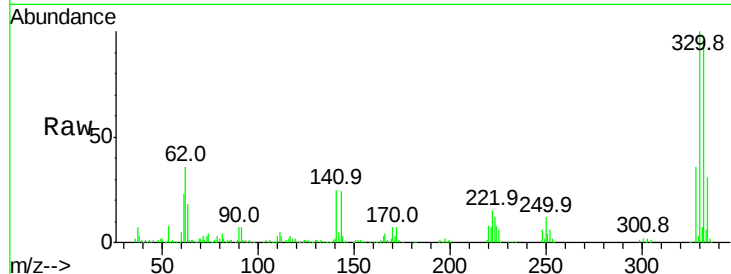
Time-->



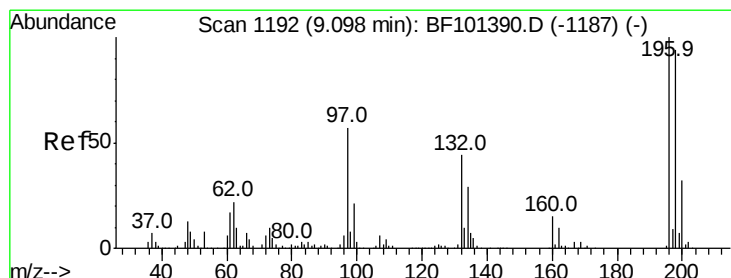
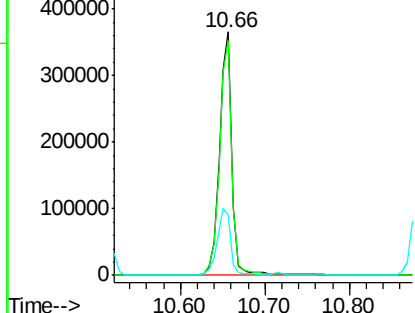
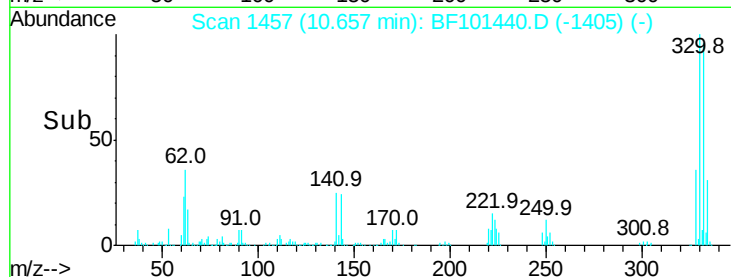
#41
 2,4,6-Tribromophenol
 Concen: 124.005 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.01 min
 Lab File: BF101440.D
 Acq: 15 Dec 2017 14:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	30.4	29.9	44.9

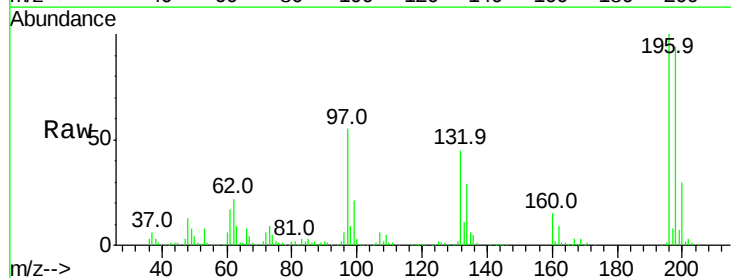


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

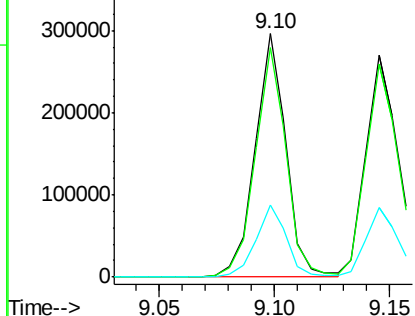
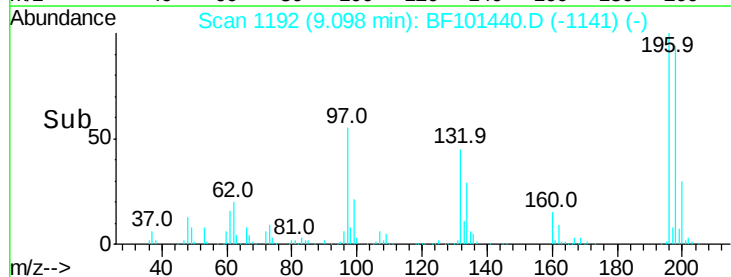


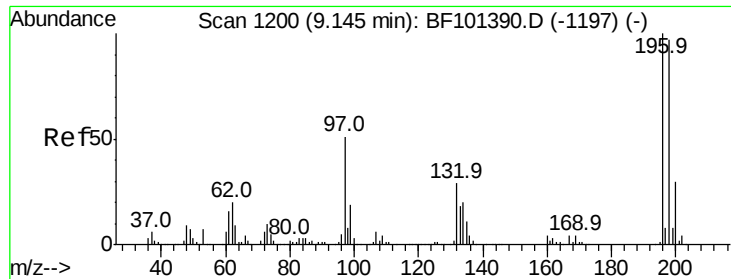
#42
 2,4,6-Trichlorophenol
 Concen: 42.523 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF101440.D
 Acq: 15 Dec 2017 14:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.7	113.5
200	29.7	24.5	36.7



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

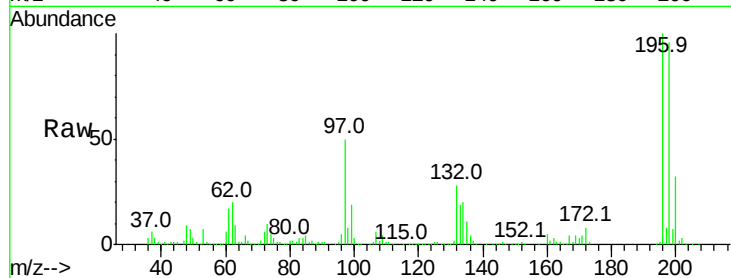




#43
2,4,5-Trichlorophenol
Concen: 39.544 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	74.6	112.0
97	49.9	42.9	64.3
132	28.4	26.3	39.5



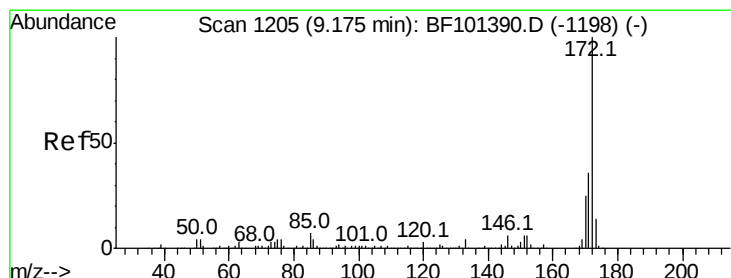
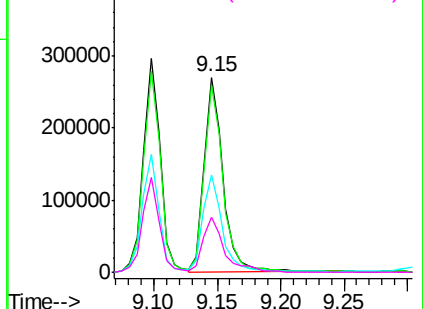
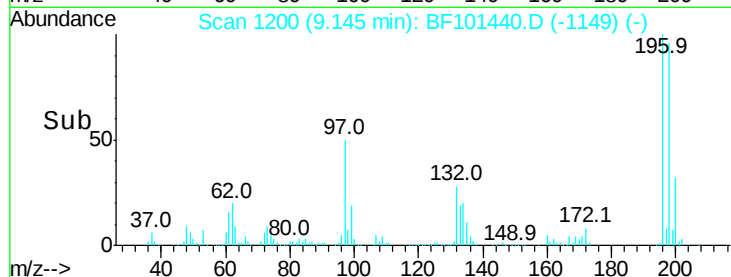
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

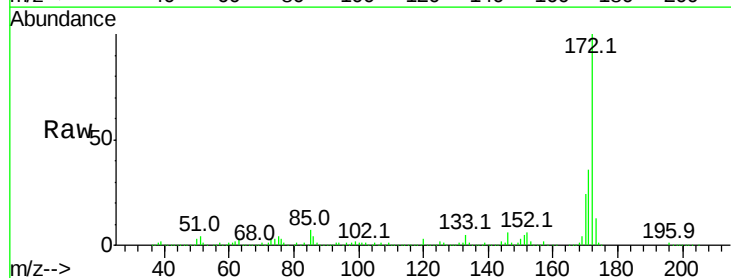
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 82.174 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.3	19.6	29.4

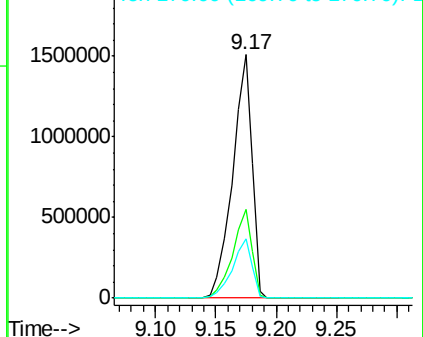
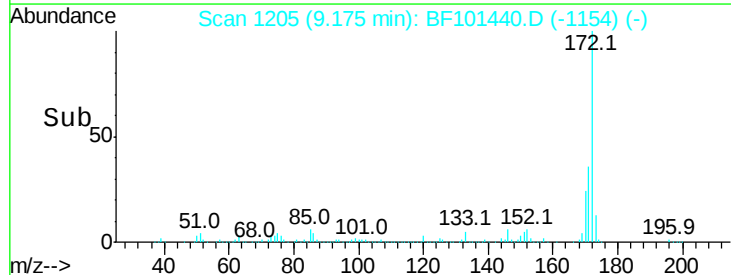


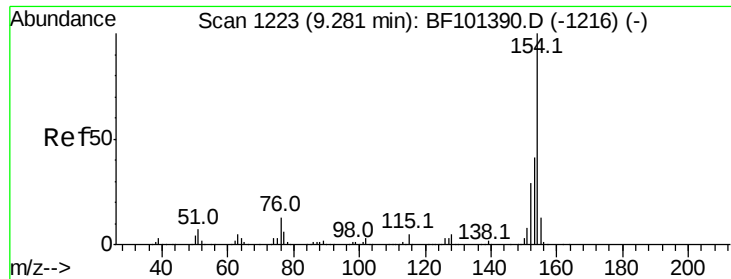
Abundance

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

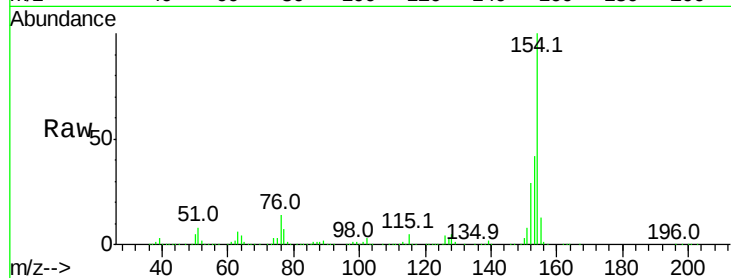




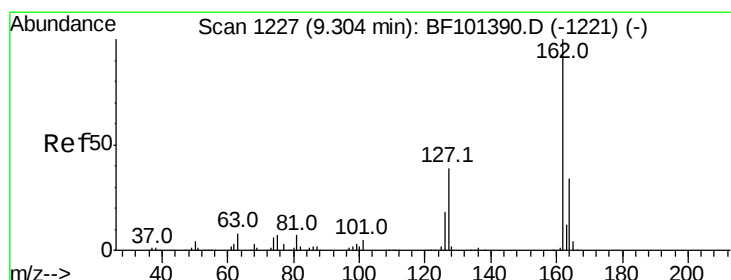
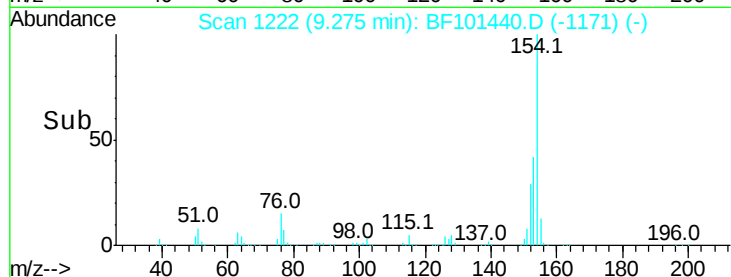
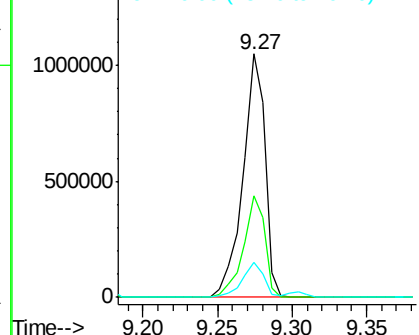
#45
1,1'-Biphenyl
Concen: 38.165 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 1079724
Ion Ratio Lower Upper
154 100
153 41.7 21.3 61.3
76 14.5 0.0 34.0

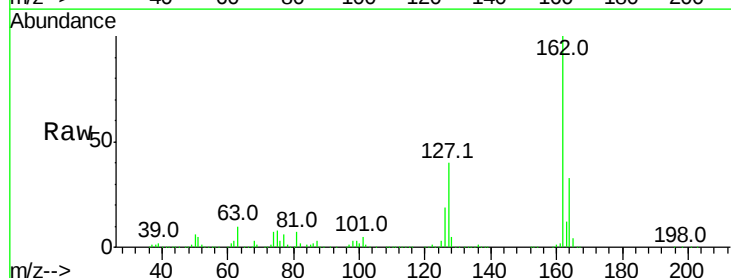


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

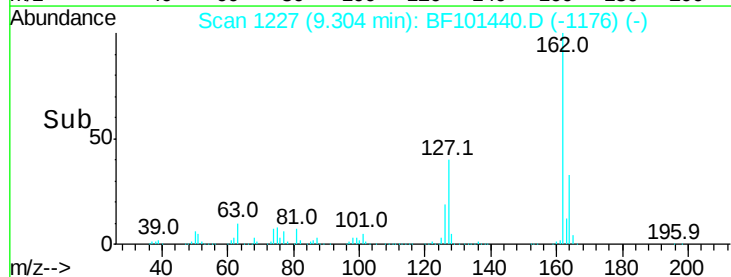
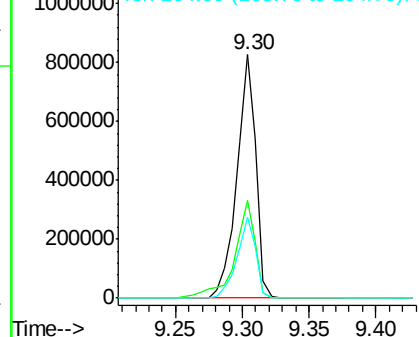


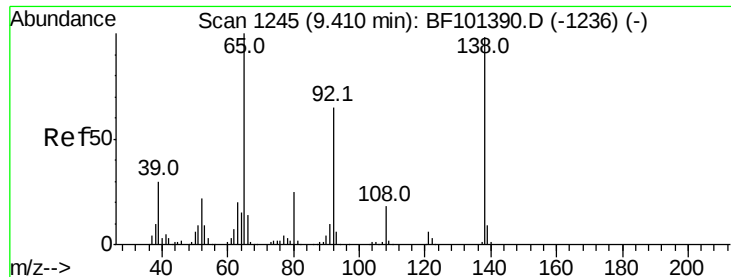
#46
2-Chloronaphthalene
Concen: 38.123 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

Tgt Ion:162 Resp: 825233
Ion Ratio Lower Upper
162 100
127 40.3 33.9 50.9
164 33.3 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

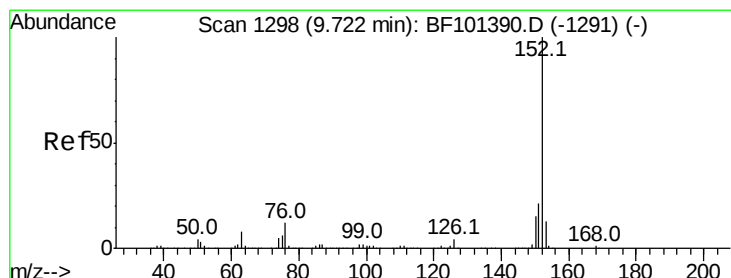
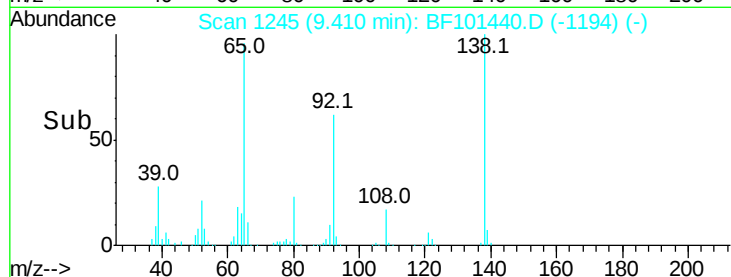
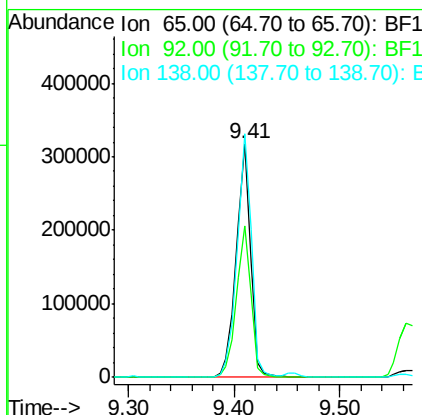
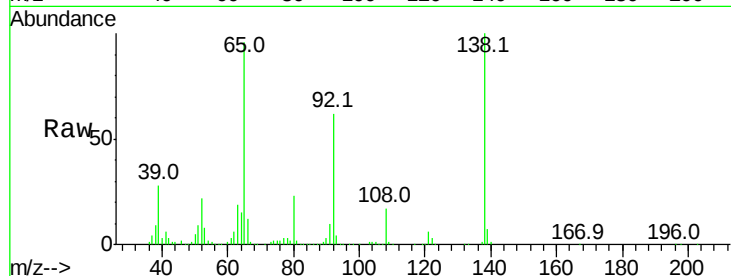




#47
2-Nitroaniline
Concen: 39.825 ng
RT: 9.41 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

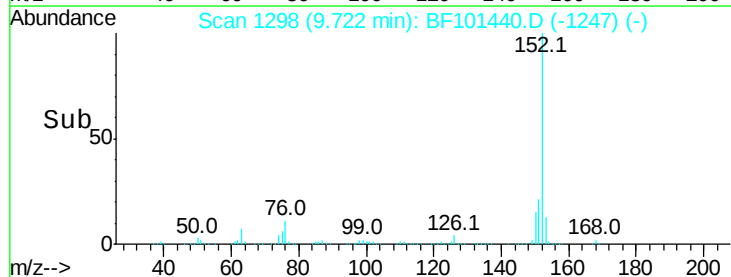
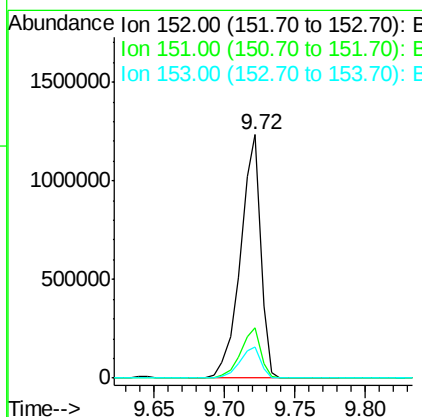
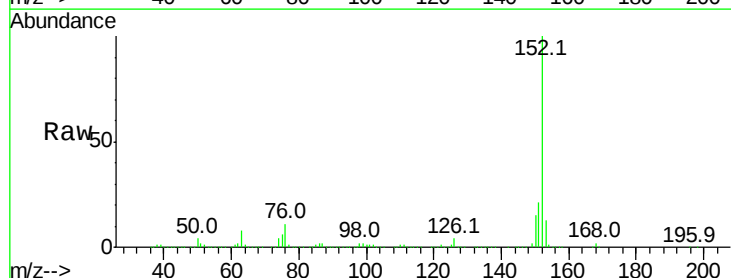
Instrument :
BNA_F
ClientSampleId :

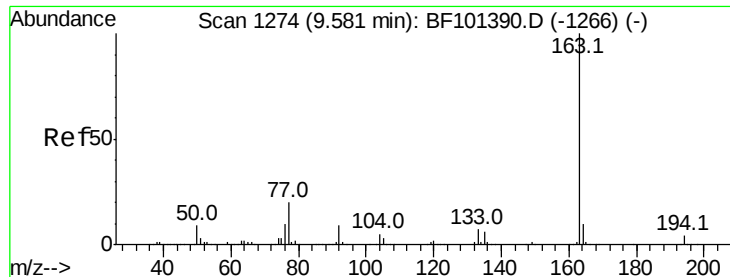
Tot Ion: 65 Resp: 297807
Ion Ratio Lower Upper
65 100
92 64.8 55.8 83.6
138 104.0 91.2 136.8



#48
Acenaphthylene
Concen: 35.915 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

Tgt Ion: 152 Resp: 1227959
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.0 10.7 16.1

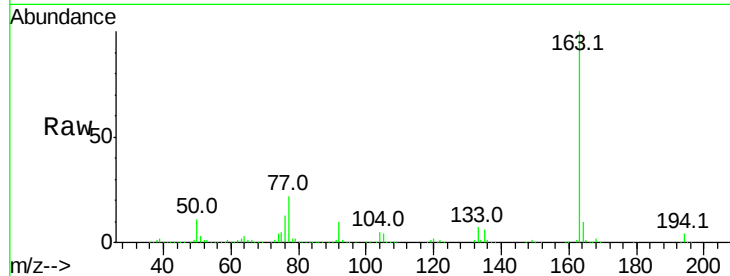




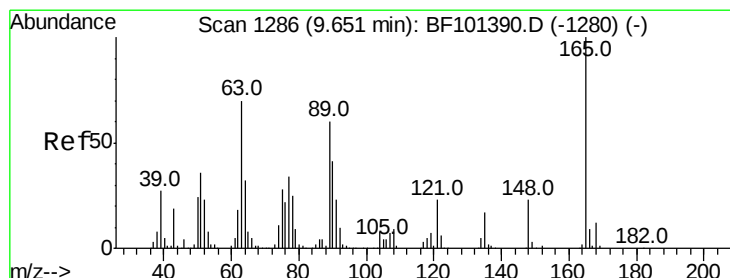
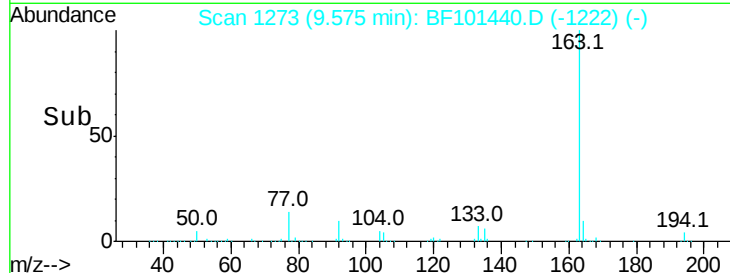
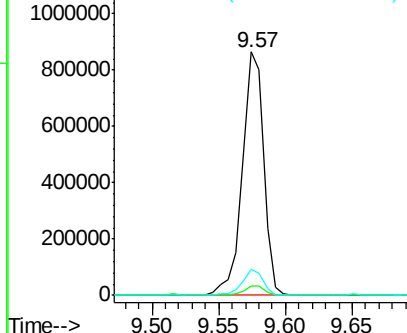
#49
Dimethylphthalate
Concen: 37.338 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.5	8.2	12.2

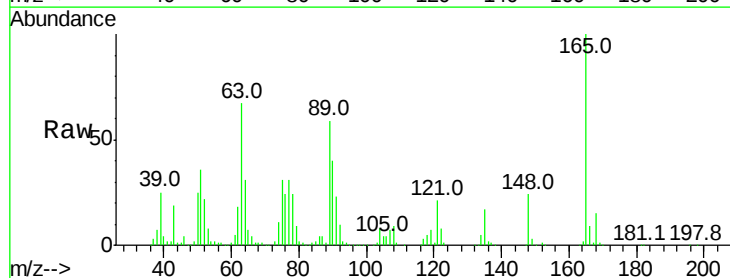


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

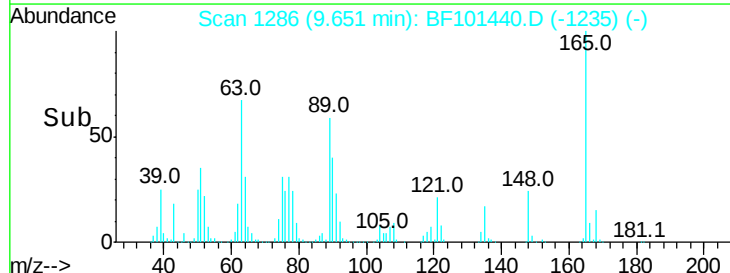
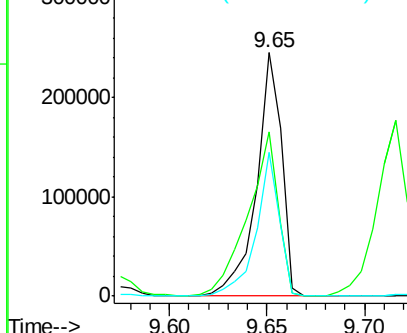


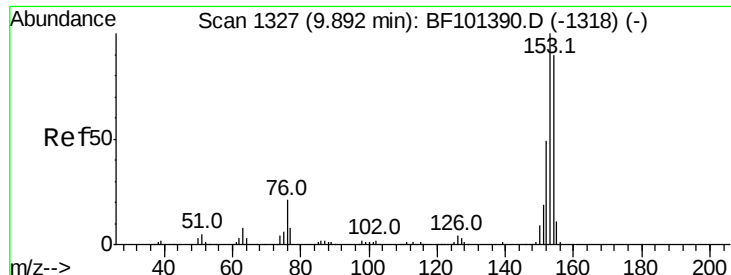
#50
2,6-Dinitrotoluene
Concen: 41.795 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	67.4	44.7	67.1#
89	58.8	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: 36.156 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Instrument :

BNA_F

ClientSampleId :

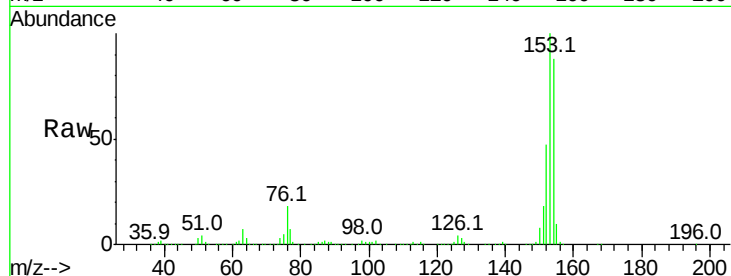
Tot Ion:154 Resp: 742707

Ion Ratio Lower Upper

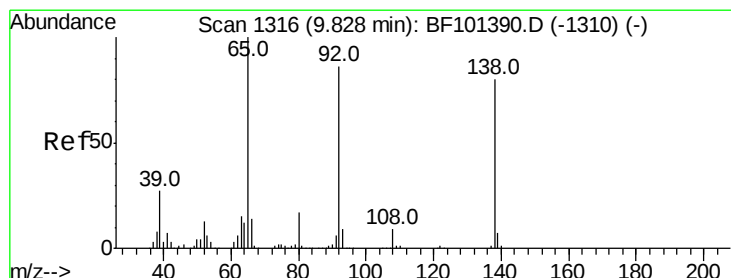
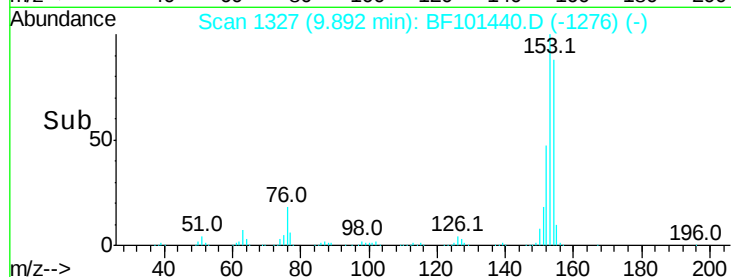
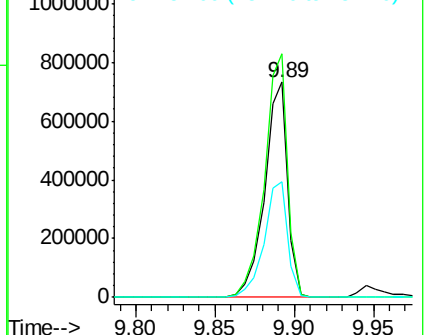
154 100

153 113.1 91.2 136.8

152 53.6 43.8 65.8



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



#52

3-Nitroaniline

Concen: 17.192 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

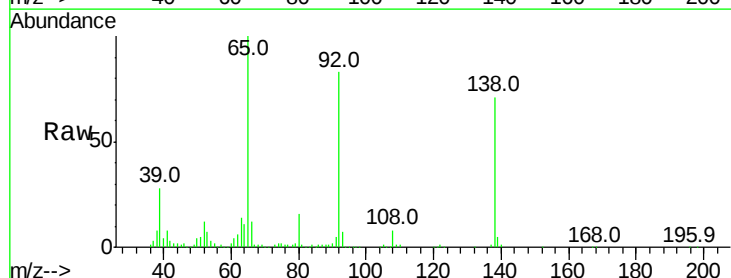
Tgt Ion:138 Resp: 111779

Ion Ratio Lower Upper

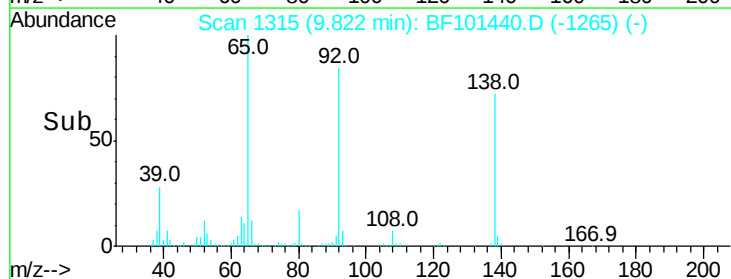
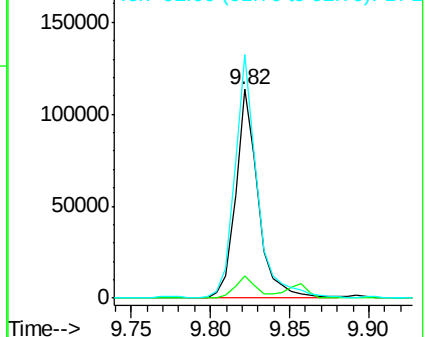
138 100

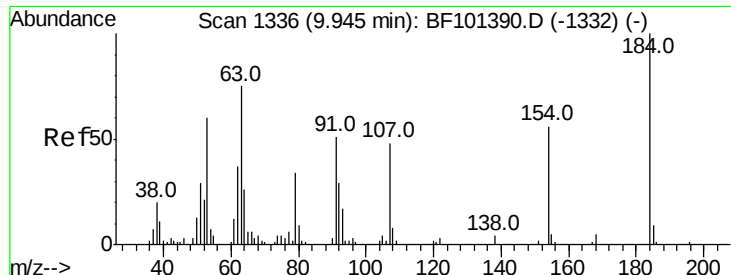
108 10.7 9.4 14.0

92 116.7 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

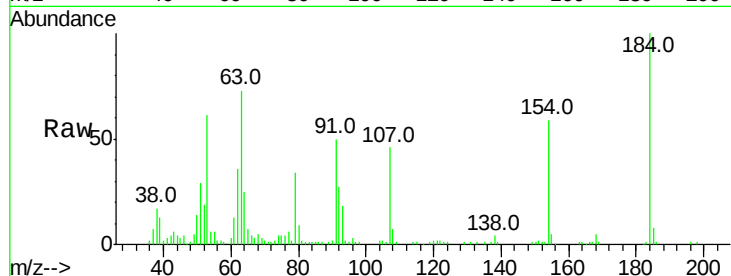




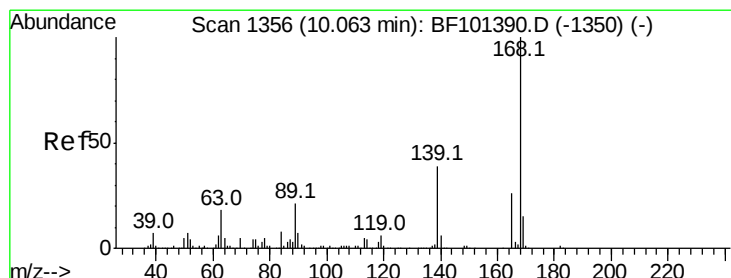
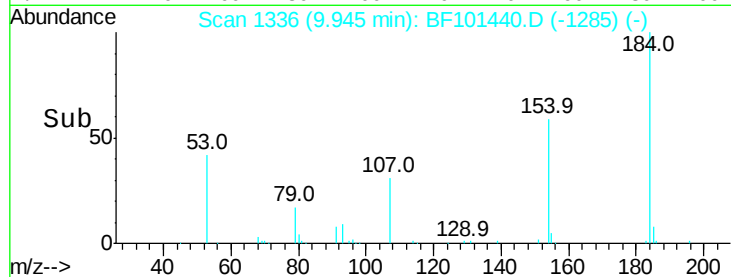
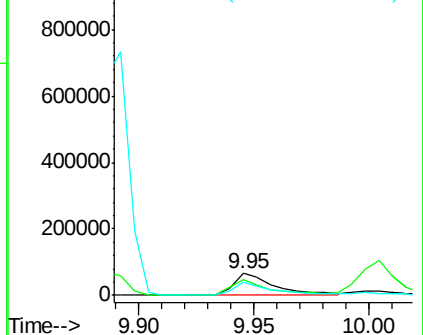
#53
 2,4-Dinitrophenol
 Concen: 49.499 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF101440.D
 Acq: 15 Dec 2017 14:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 81702
 Ion Ratio Lower Upper
 184 100
 63 73.2 54.2 81.2
 154 59.4 184.0 276.0#

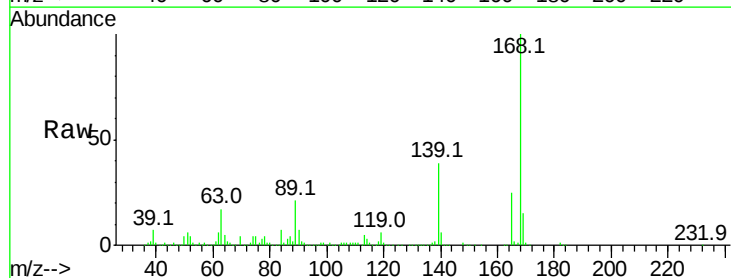


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

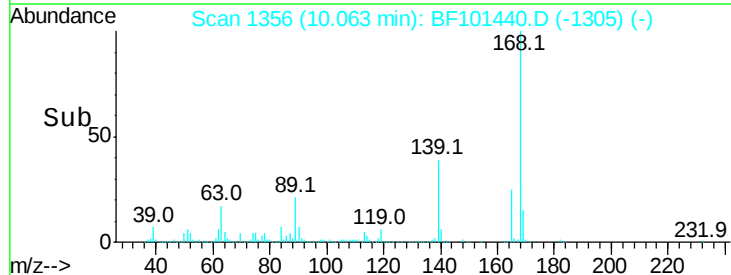
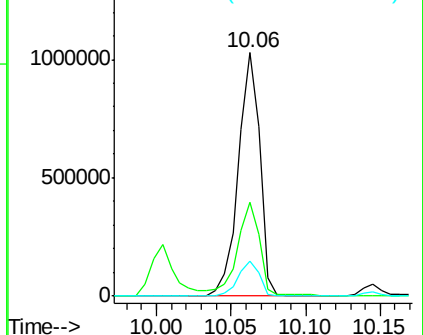


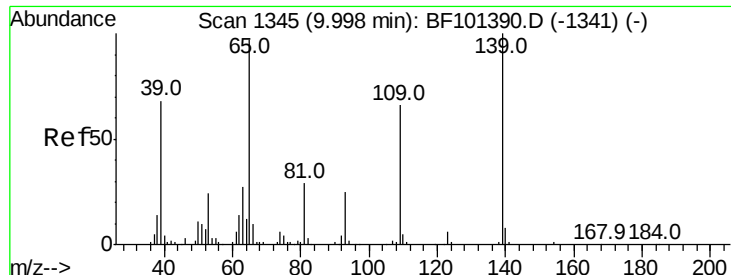
#54
 Dibenzofuran
 Concen: 39.535 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF101440.D
 Acq: 15 Dec 2017 14:03

Tgt Ion:168 Resp: 1032054
 Ion Ratio Lower Upper
 168 100
 139 38.6 30.1 45.1
 169 14.5 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

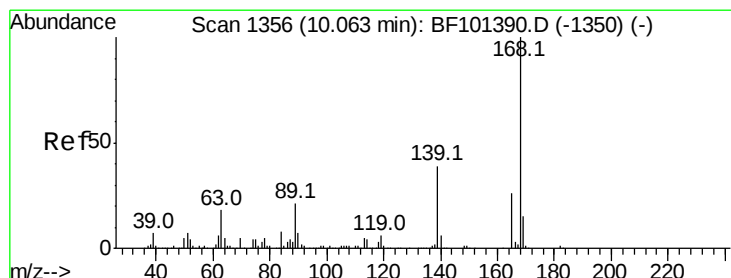
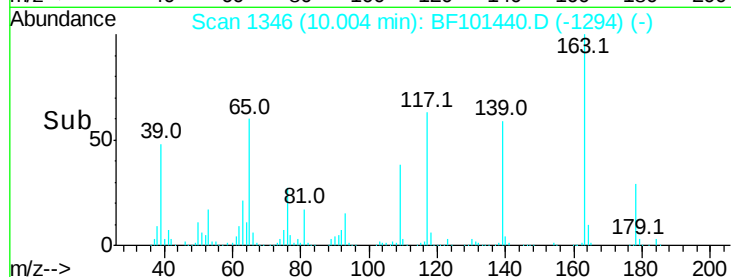
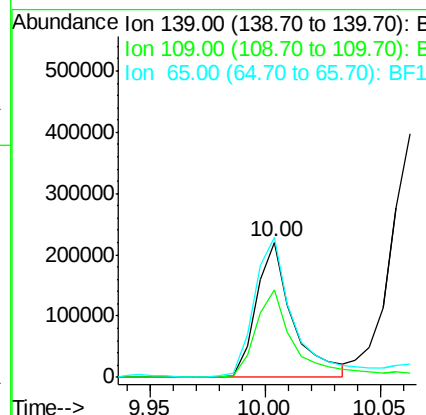
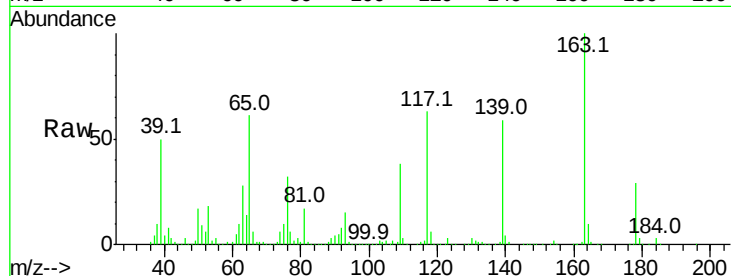




#55
4-Nitrophenol
Concen: 85.380 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

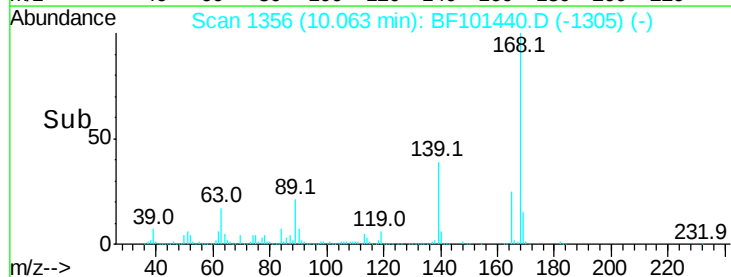
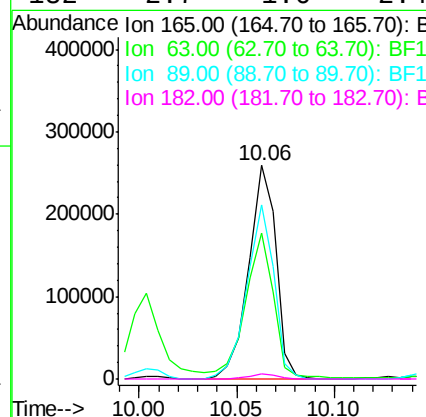
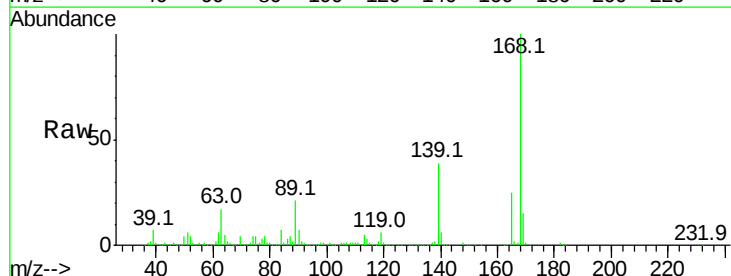
Instrument :
BNA_F
ClientSampled :

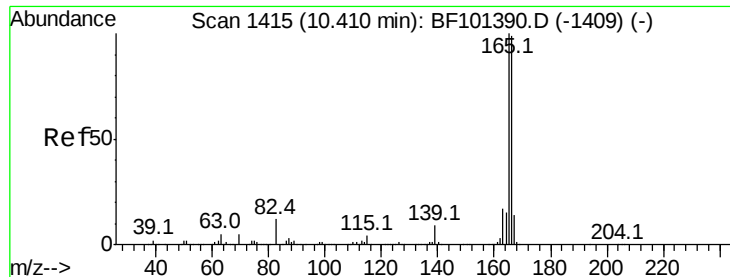
Tot Ion:139 Resp: 242061
Ion Ratio Lower Upper
139 100
109 65.2 48.4 88.4
65 103.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.207 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

Tgt Ion:165 Resp: 253867
Ion Ratio Lower Upper
165 100
63 68.1 36.4 54.6#
89 81.7 57.8 86.6
182 2.7 1.6 2.4#





#57

Fluorene

Concen: 38.681 ng

RT: 10.41 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Instrument :

BNA_F

ClientSampleId :

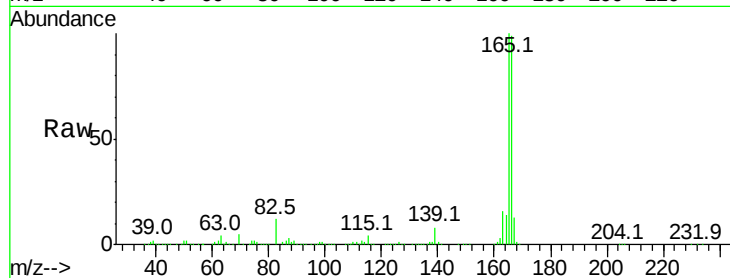
Tot Ion:166 Resp: 854211

Ion Ratio Lower Upper

166 100

165 100.6 79.8 119.8

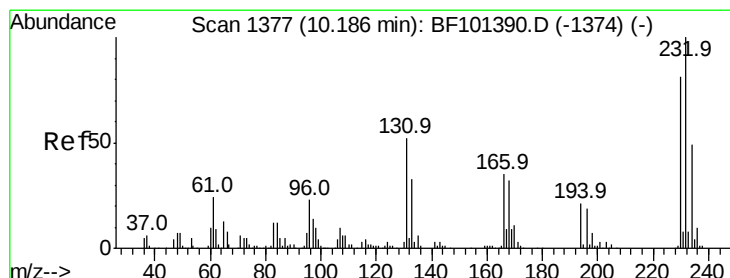
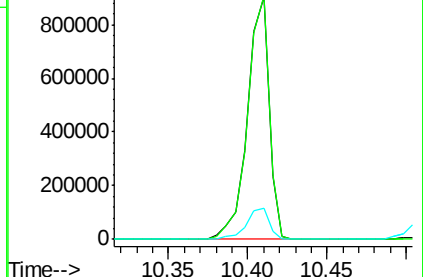
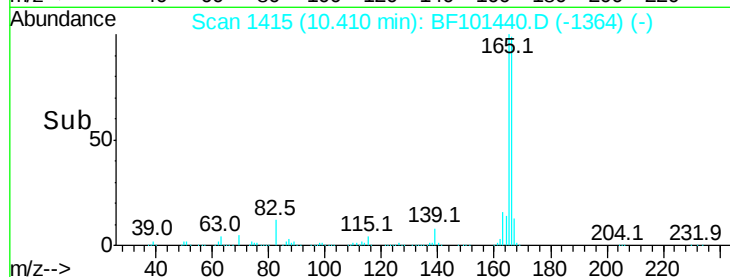
167 12.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.848 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Tgt Ion:232 Resp: 233859

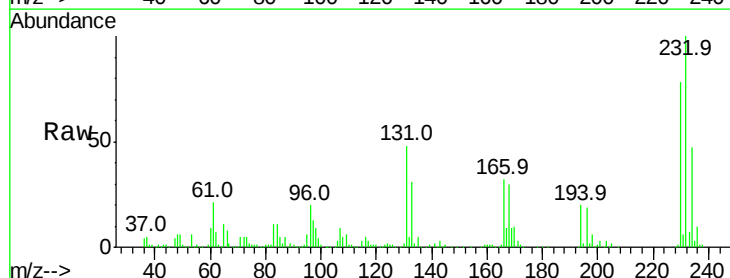
Ion Ratio Lower Upper

232 100

131 43.7 43.8 65.8#

130 2.2 2.1 3.1

166 29.3 27.8 41.6

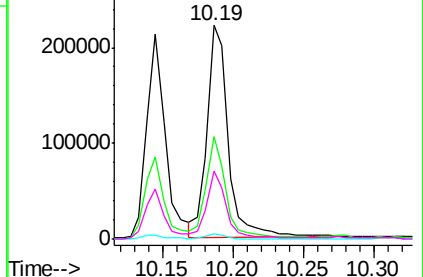
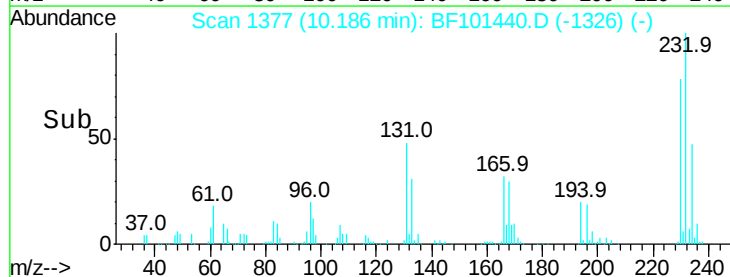


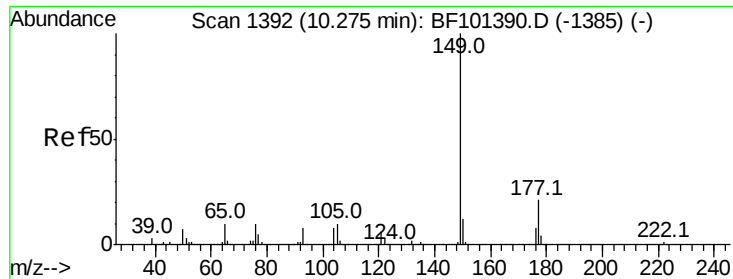
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.095 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Instrument :

BNA_F

ClientSampleId :

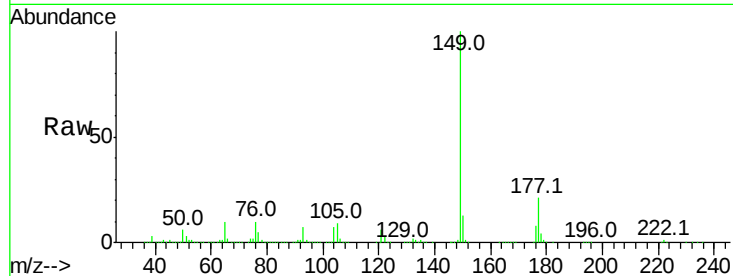
Tot Ion:149 Resp: 967982

Ion Ratio Lower Upper

149 100

177 21.1 16.1 24.1

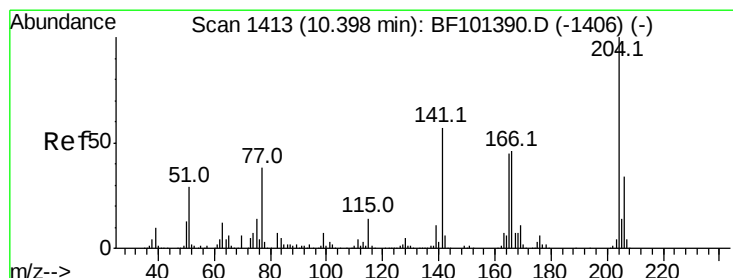
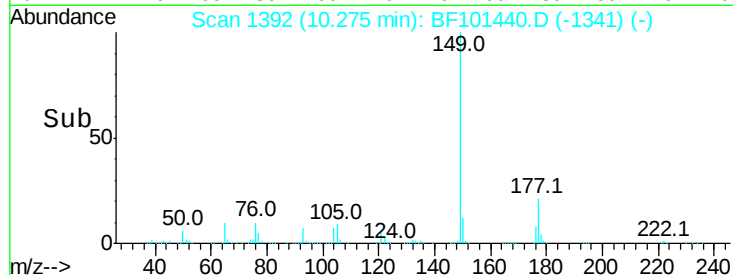
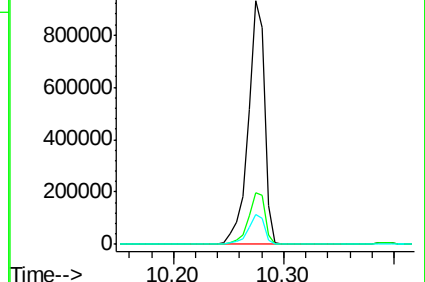
150 12.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.130 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

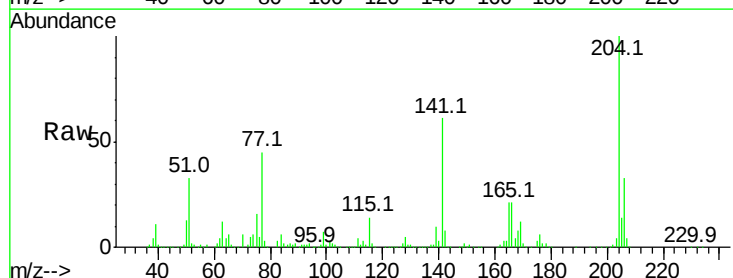
Tgt Ion:204 Resp: 414143

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

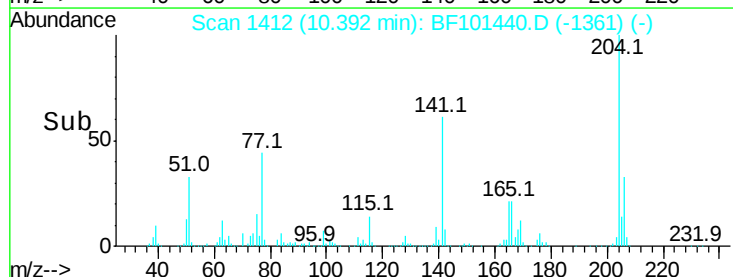
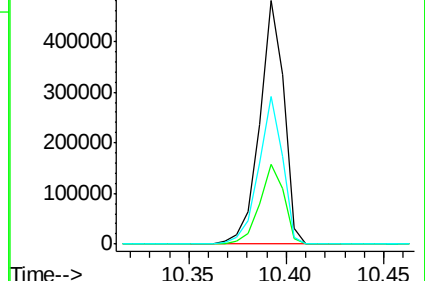
141 60.8 54.6 81.8

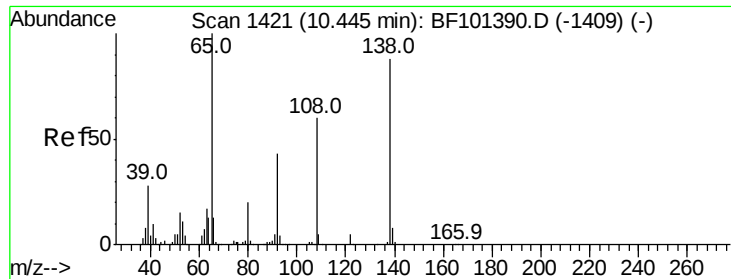


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

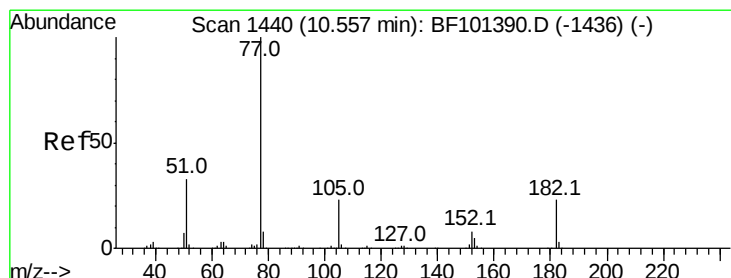
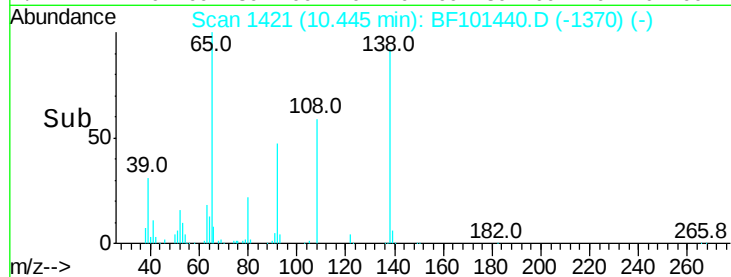
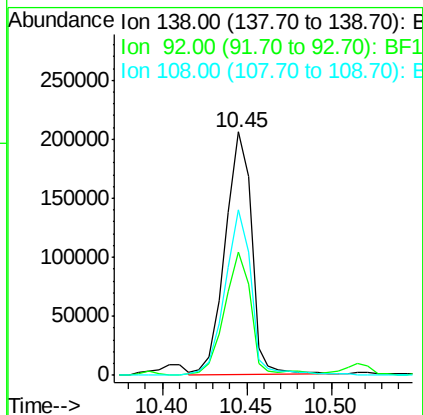
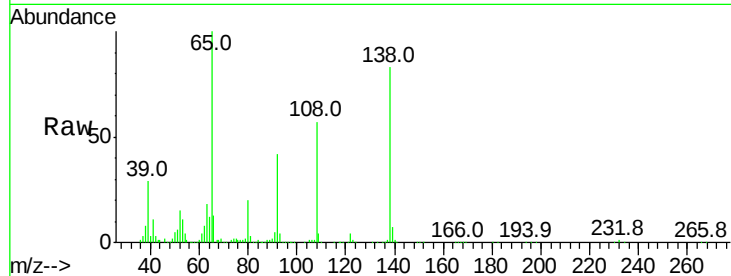




#61
4-Nitroaniline
Concen: 33.918 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

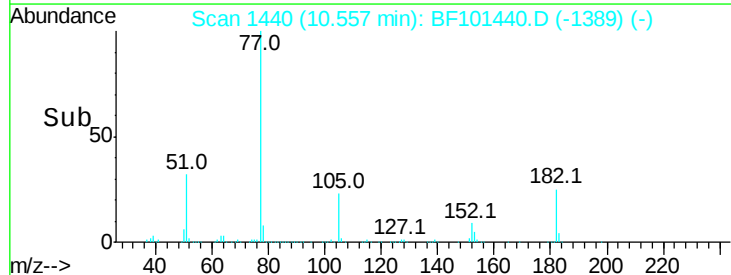
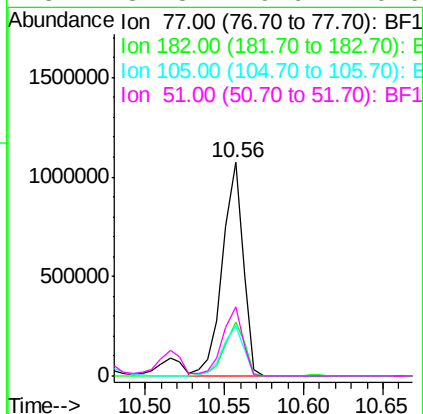
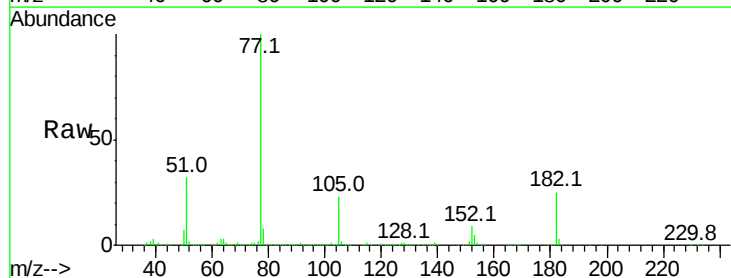
Instrument :
BNA_F
ClientSampleId :

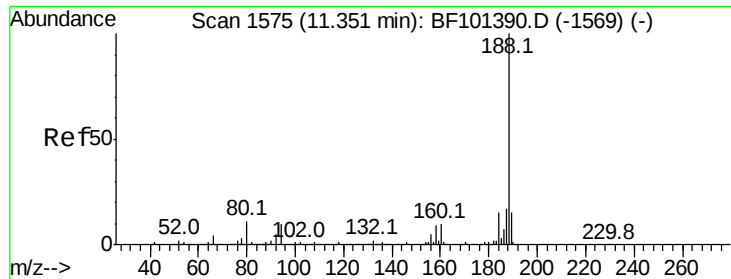
Tot Ion:138 Resp: 221664
Ion Ratio Lower Upper
138 100
92 50.7 30.2 70.2
108 68.2 52.5 92.5



#62
Azobenzene
Concen: 36.868 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

Tgt Ion: 77 Resp: 970452
Ion Ratio Lower Upper
77 100
182 25.3 1.7 41.7
105 23.4 3.0 43.0
51 32.3 9.9 49.9

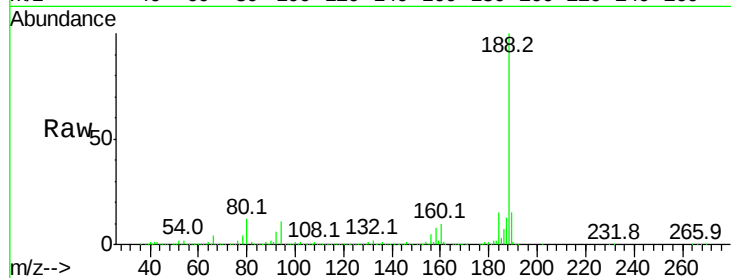




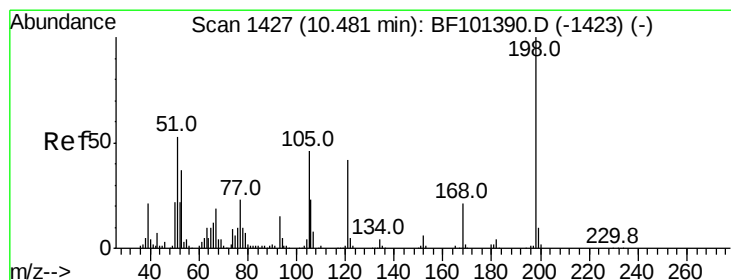
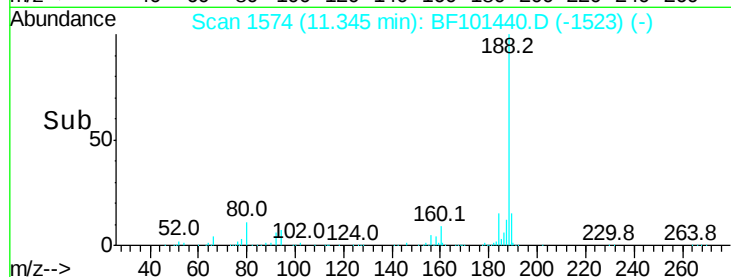
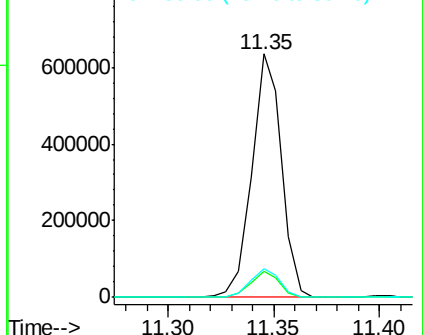
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 617184
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.8 9.2 13.8

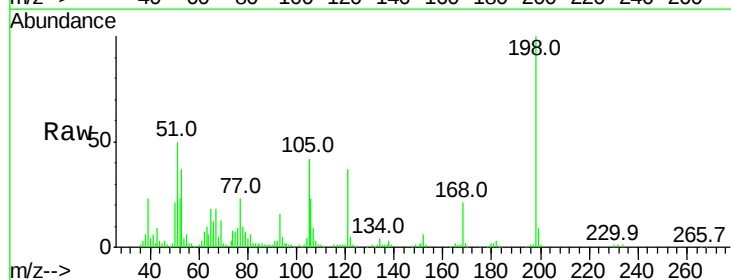


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

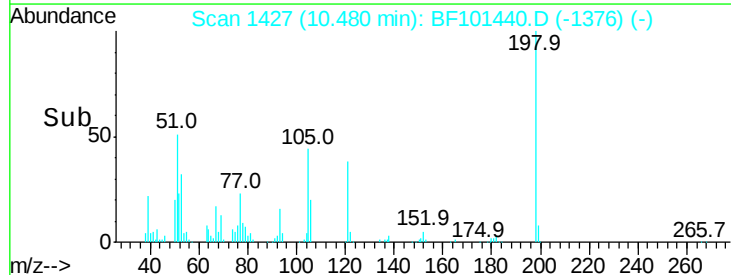
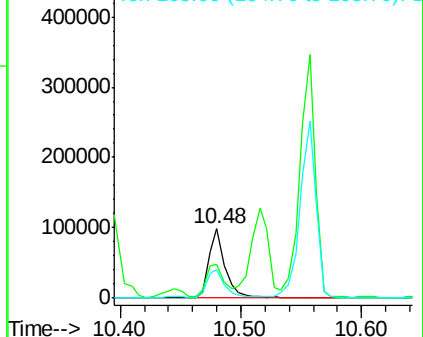


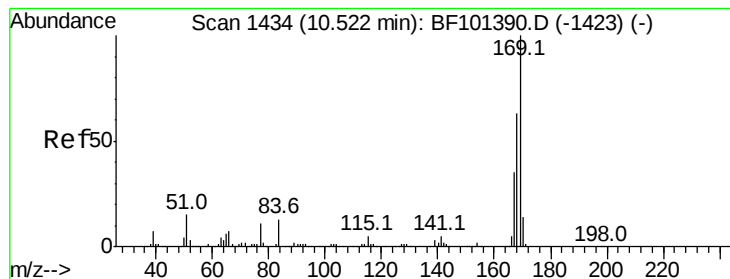
#64
4,6-Dinitro-2-methylphenol
Concen: 29.775 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

Tgt Ion:198 Resp: 93779
Ion Ratio Lower Upper
198 100
51 49.6 37.7 77.7
105 42.2 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: 36.361 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Instrument :

BNA_F

ClientSampleId :

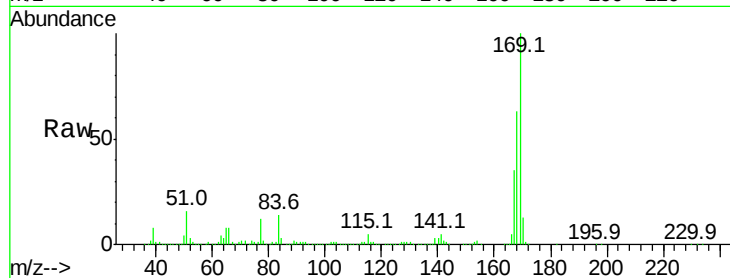
Tot Ion:169 Resp: 828628

Ion Ratio Lower Upper

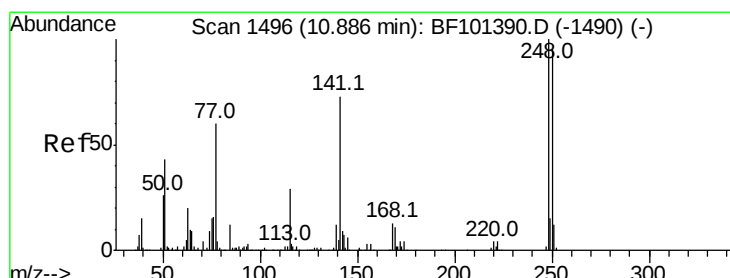
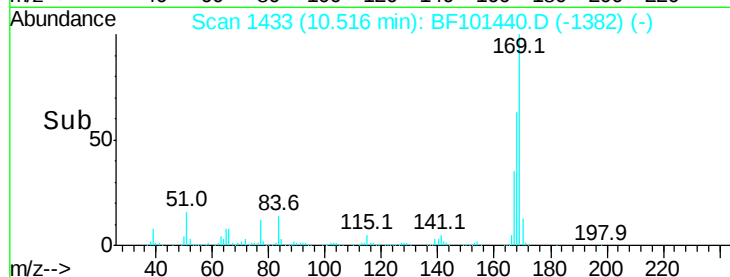
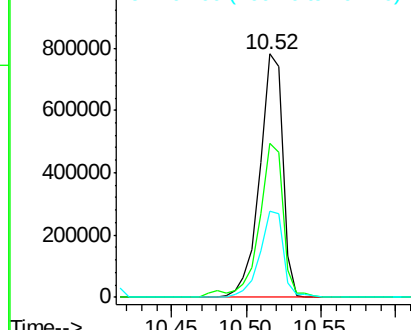
169 100

168 63.4 54.4 81.6

167 35.1 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: 38.789 ng

RT: 10.89 min Scan# 1496

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

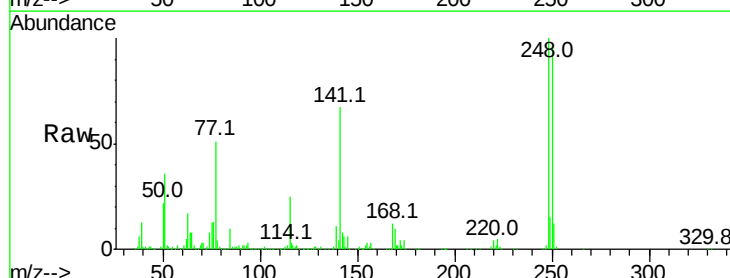
Tgt Ion:248 Resp: 268994

Ion Ratio Lower Upper

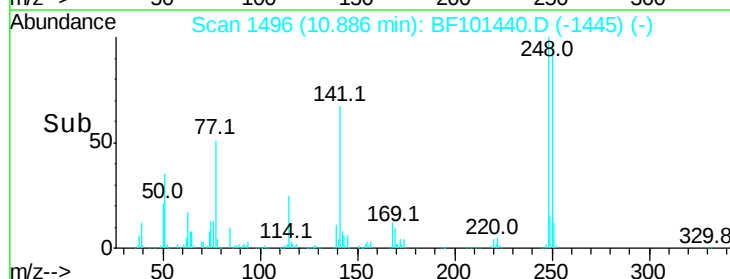
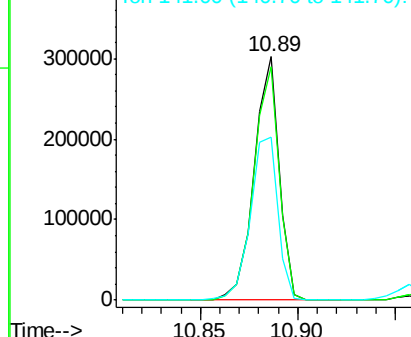
248 100

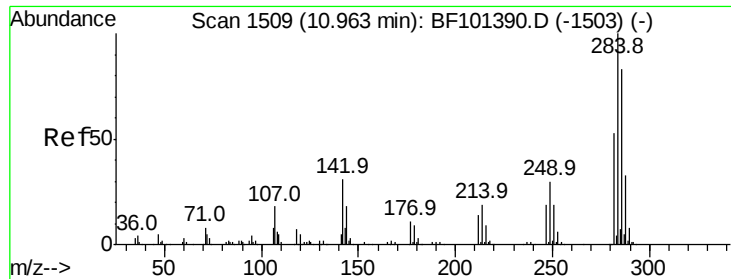
250 95.9 76.9 115.3

141 67.0 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: 37.903 ng

RT: 10.96 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Instrument :

BNA_F

ClientSampleId :

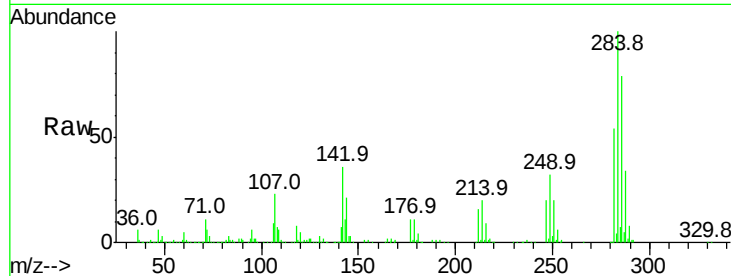
Tot Ion:284 Resp: 278194

Ion	Ratio	Lower	Upper
284	100		
142	36.0	34.6	52.0
249	31.6	24.8	37.2

284 100

142 36.0 34.6 52.0

249 31.6 24.8 37.2

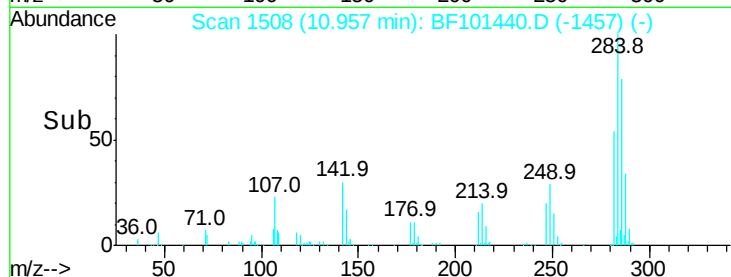


Abundance Ion 283.80 (283.50 to 284.50): E

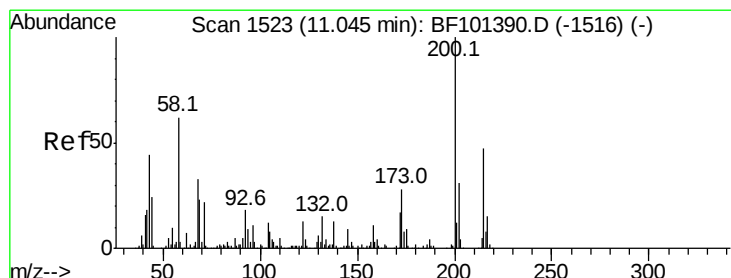
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time-->



Time-->



#68

Atrazine

Concen: 41.152 ng

RT: 11.05 min Scan# 1524

Delta R.T. 0.01 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

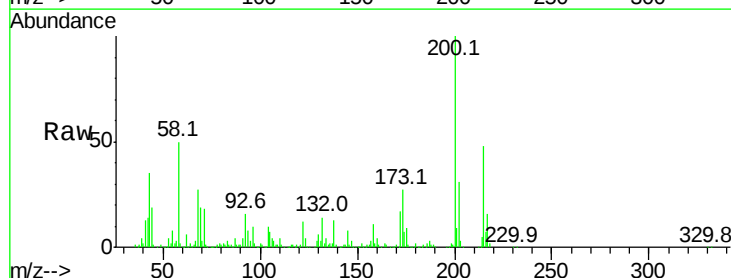
Tgt Ion:200 Resp: 279632

Ion	Ratio	Lower	Upper
200	100		
173	27.0	8.6	48.6
215	47.6	25.1	65.1

200 100

173 27.0 8.6 48.6

215 47.6 25.1 65.1

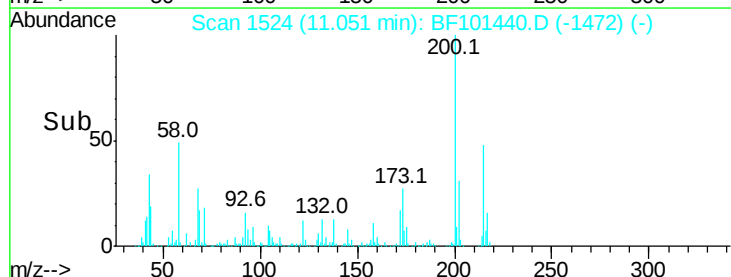


Abundance Ion 200.00 (199.70 to 200.70): E

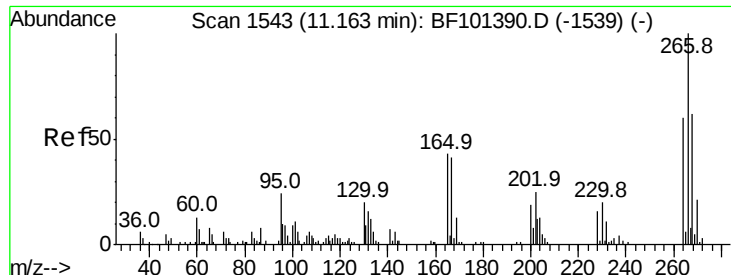
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

Time-->



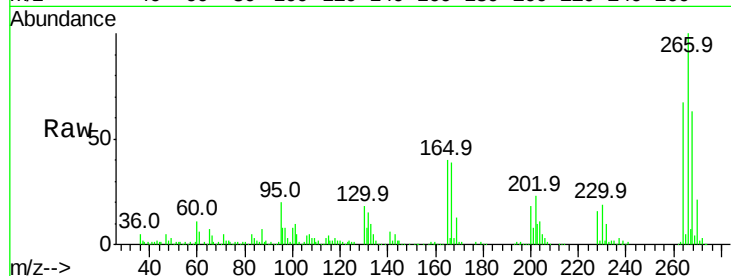
Time-->



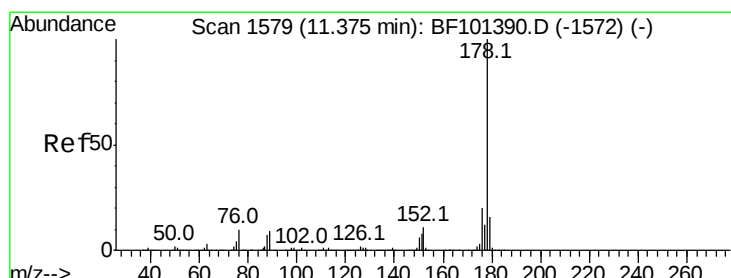
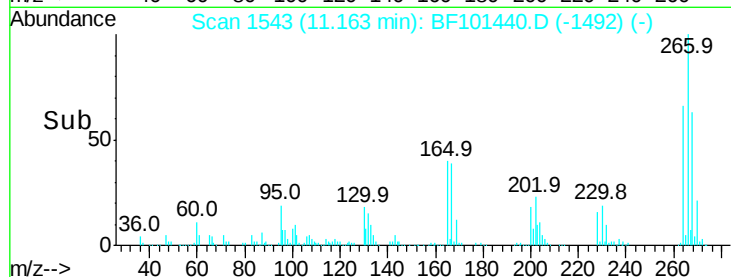
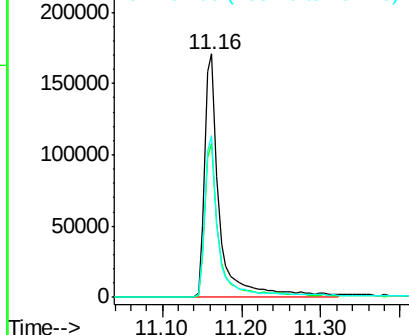
#69
 Pentachlorophenol
 Concen: 80.172 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF101440.D
 Acq: 15 Dec 2017 14:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 228872
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.1 76.7
 264 66.5 49.5 74.3

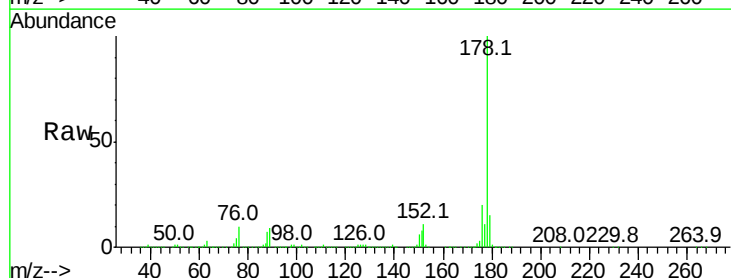


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

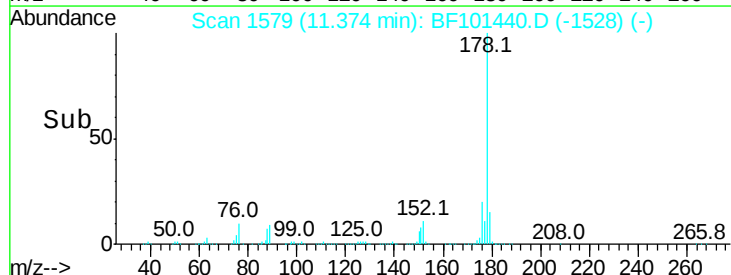
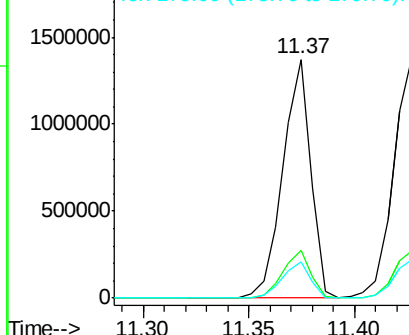


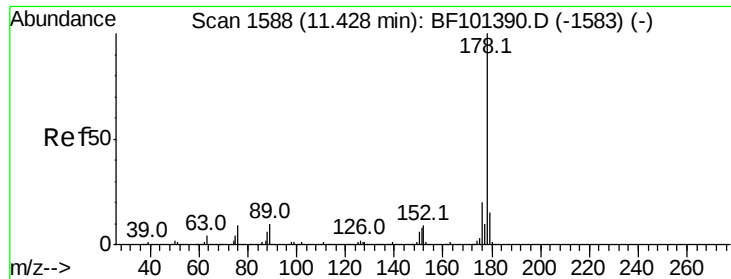
#70
 Phenanthrene
 Concen: 36.939 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101440.D
 Acq: 15 Dec 2017 14:03

Tgt Ion:178 Resp: 1267823
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.1 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

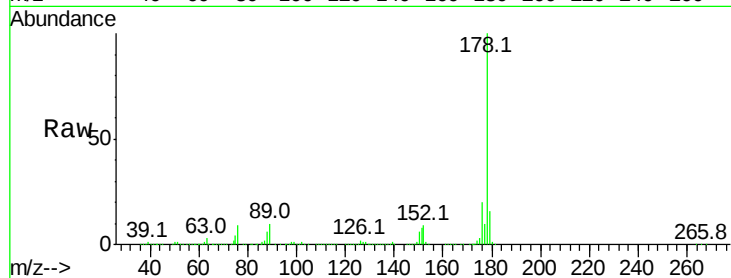




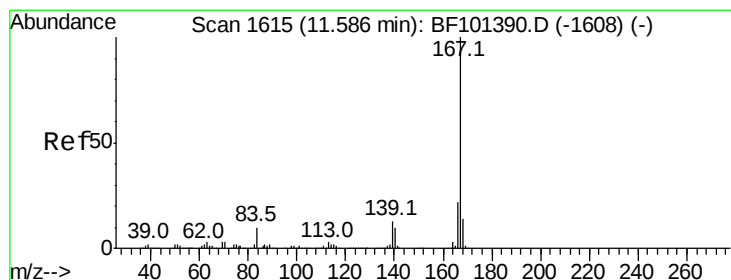
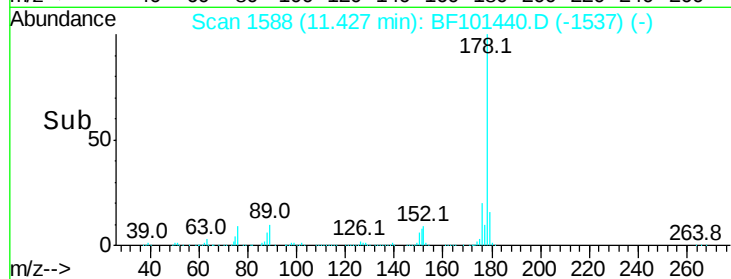
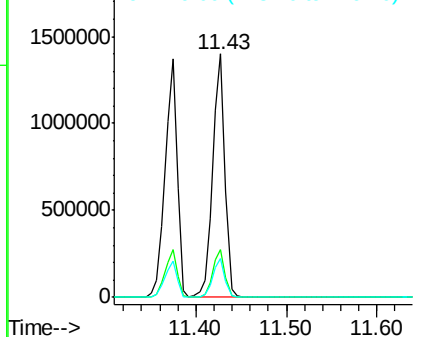
#71
 Anthracene
 Concen: 37.683 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF101440.D
 Acq: 15 Dec 2017 14:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1321136
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 16.0 12.6 19.0

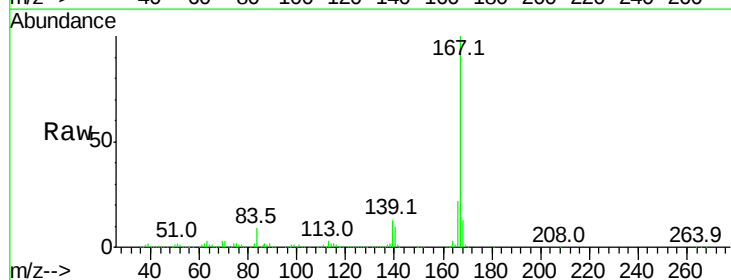


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

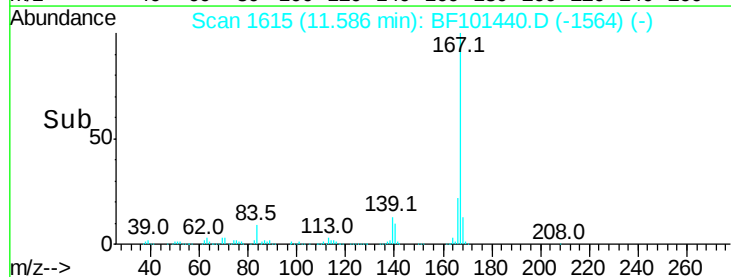
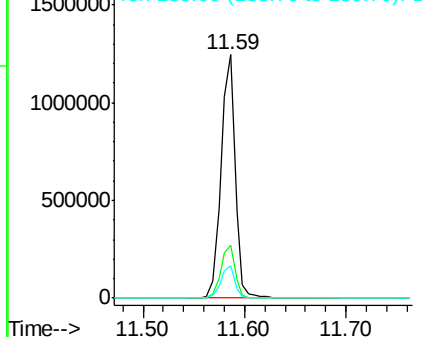


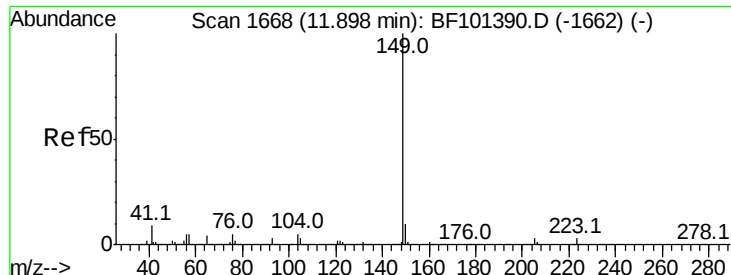
#72
 Carbazole
 Concen: 36.657 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BF101440.D
 Acq: 15 Dec 2017 14:03

Tgt Ion:167 Resp: 1203241
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.1 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.540 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

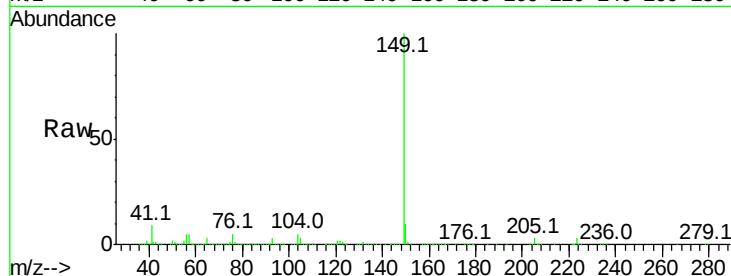
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1495621

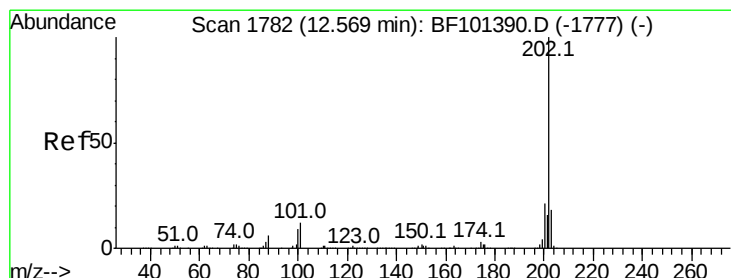
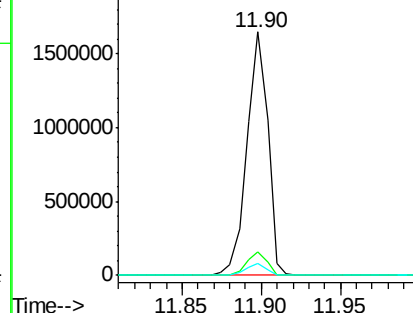
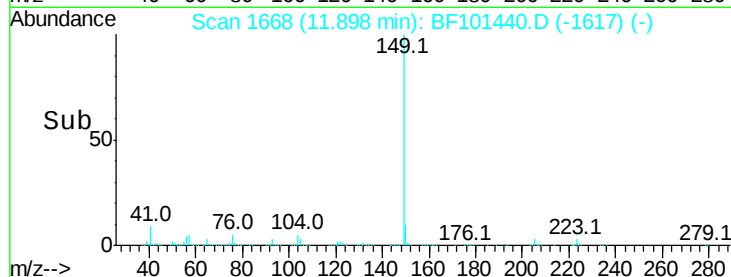
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.9	3.8	5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.877 ng

RT: 12.57 min Scan# 1782

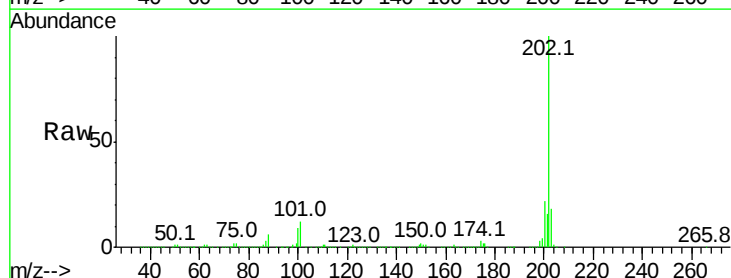
Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Tgt Ion:202 Resp: 1364566

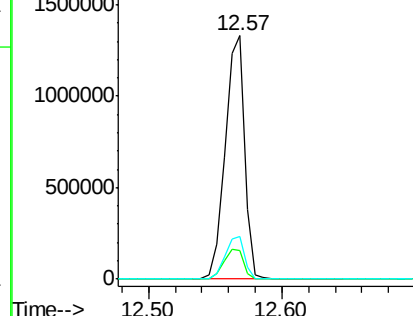
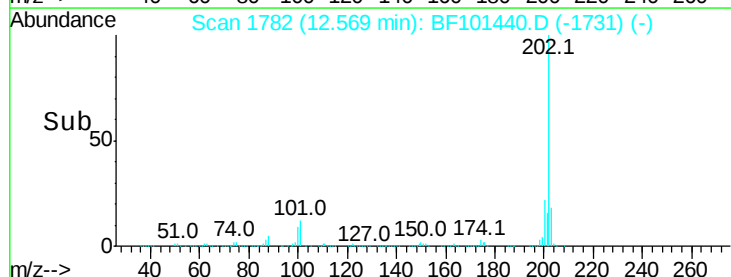
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.1
203	17.7	0.0	38.1

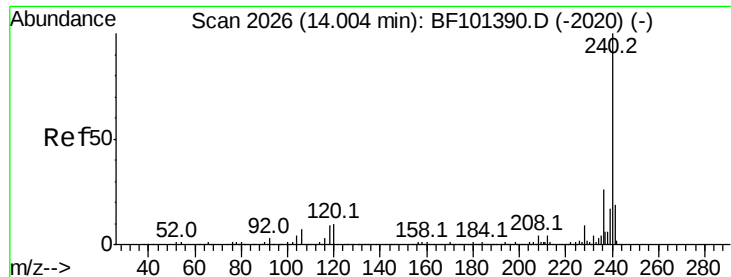


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Instrument :

BNA_F

ClientSampleId :

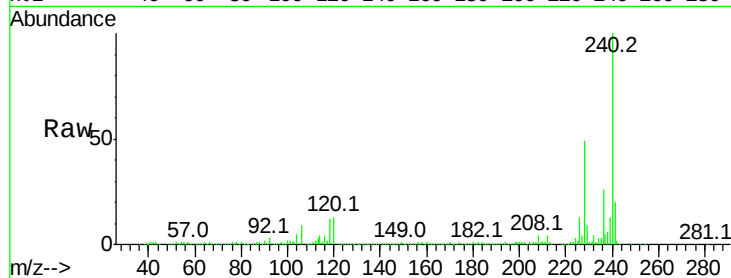
Tot Ion:240 Resp: 455074

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

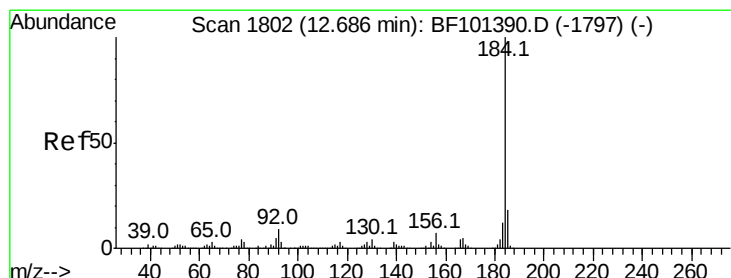
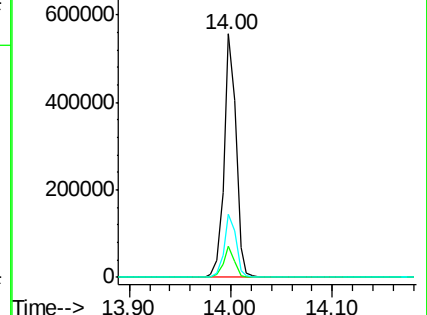
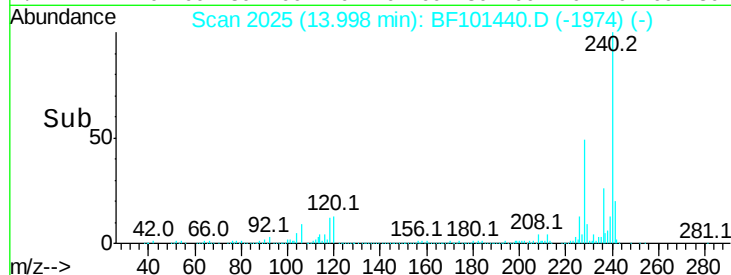
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 13.941 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

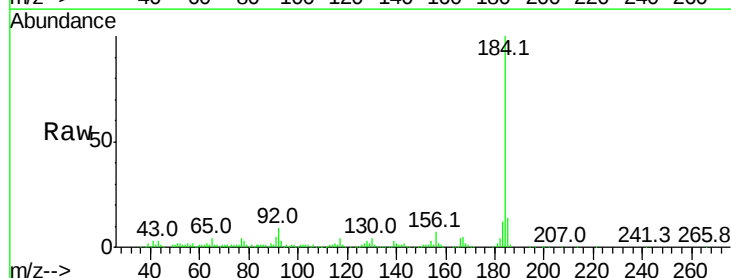
Tgt Ion:184 Resp: 267949

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

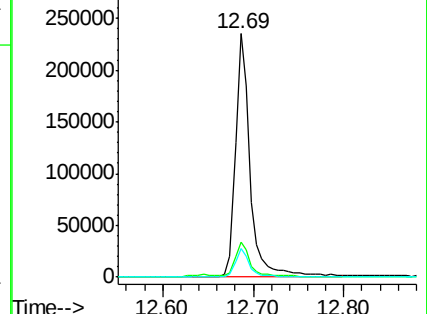
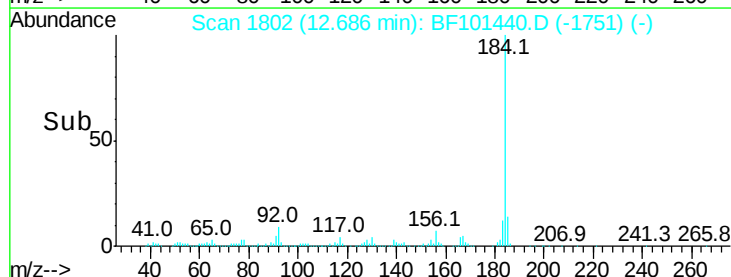
183 11.7 9.3 13.9

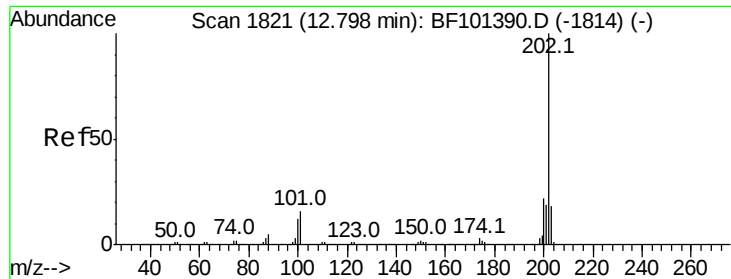


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.322 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

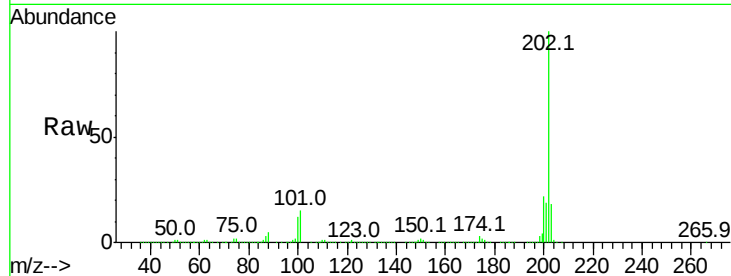
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1411267

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.5	14.3	21.5

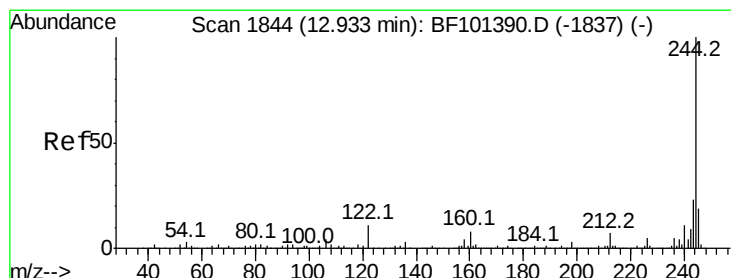
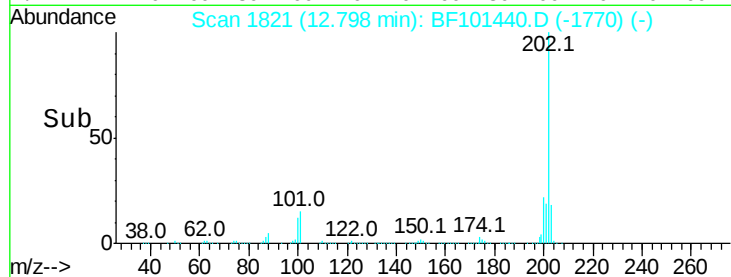
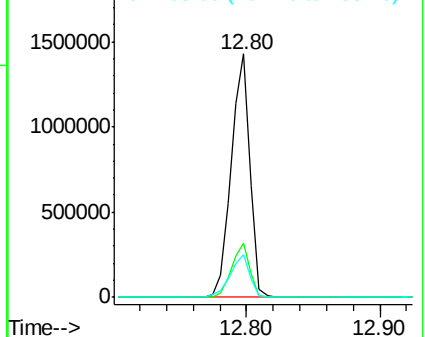


Abundance

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: 89.283 ng

RT: 12.93 min Scan# 1844

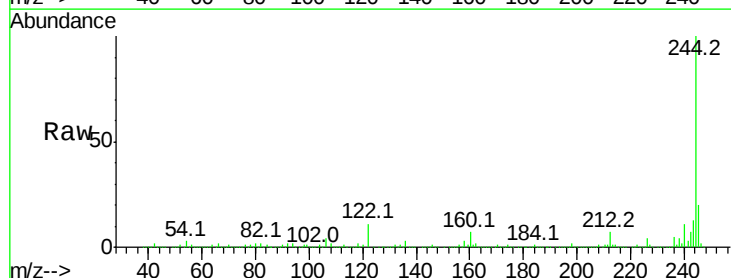
Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Tgt Ion:244 Resp: 1685367

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.5	11.0	16.4

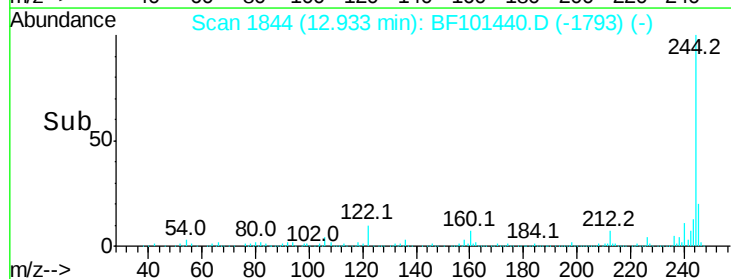
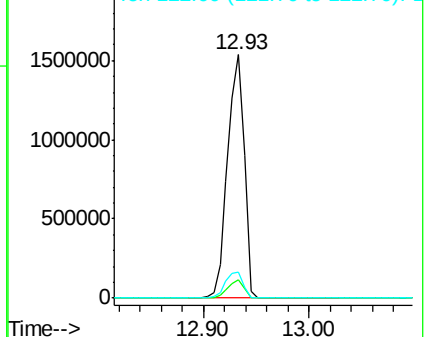


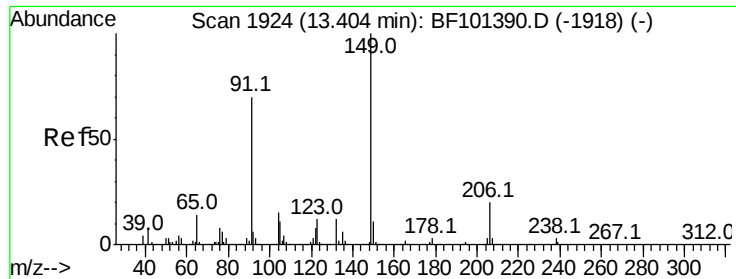
Abundance

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: 40.785 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

Instrument :

BNA_F

ClientSampleId :

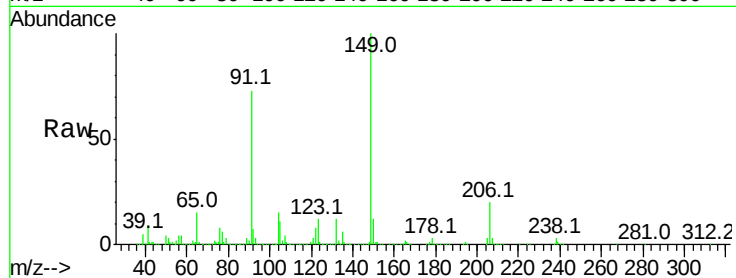
Tot Ion:149 Resp: 630270

Ion Ratio Lower Upper

149 100

91 73.1 56.8 85.2

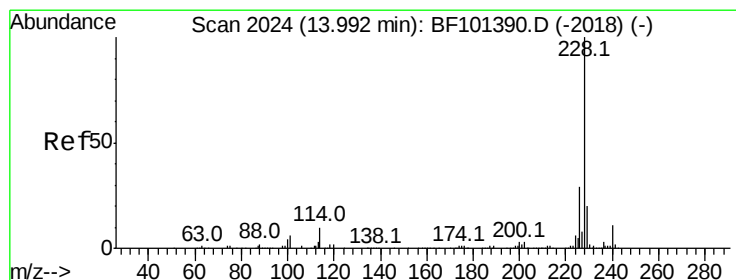
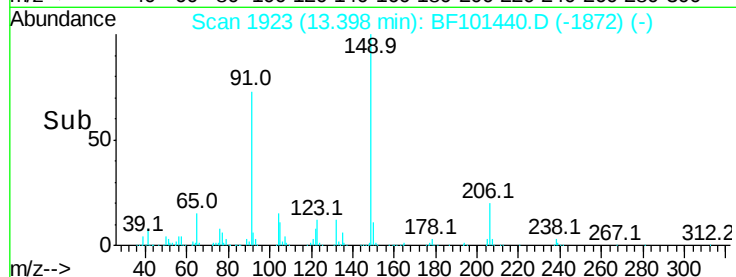
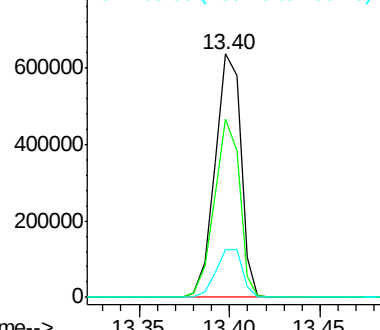
206 19.6 14.1 21.1



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: 38.634 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101440.D

Acq: 15 Dec 2017 14:03

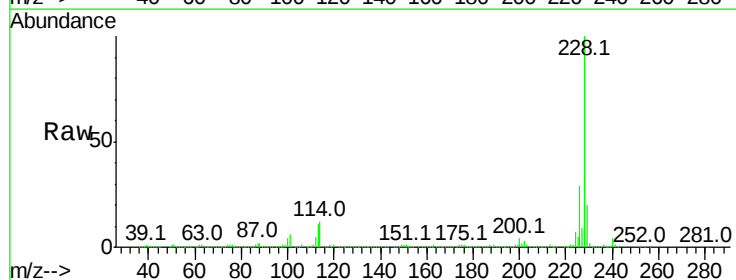
Tgt Ion:228 Resp: 1160923

Ion Ratio Lower Upper

228 100

226 28.7 22.6 33.8

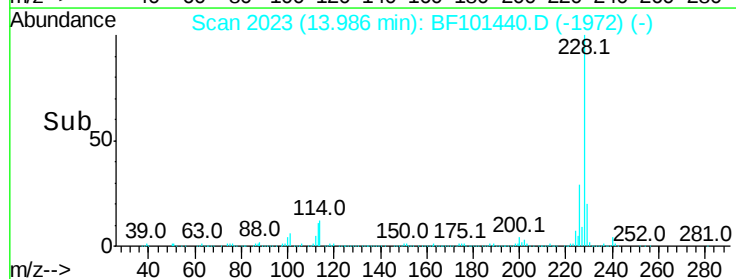
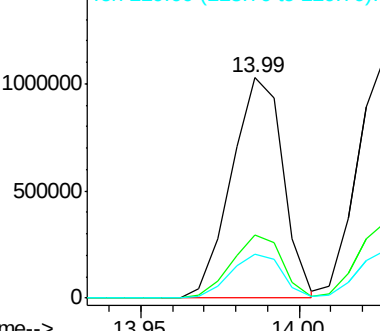
229 20.2 15.8 23.6

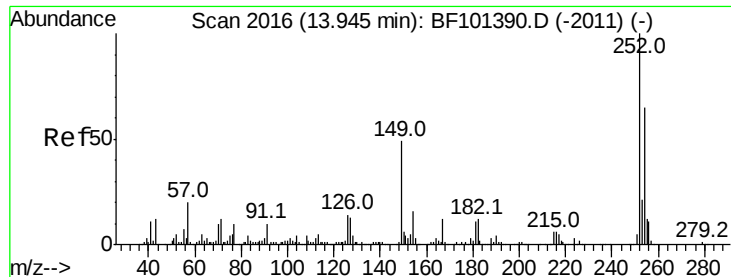


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

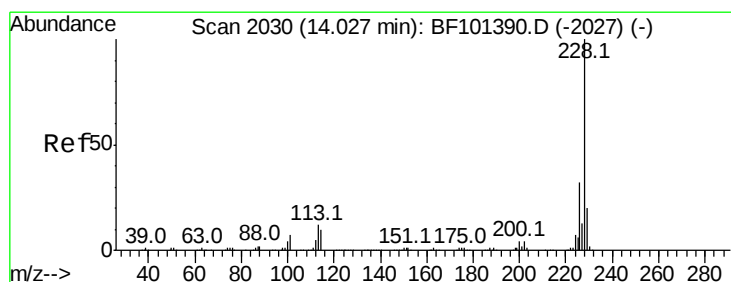
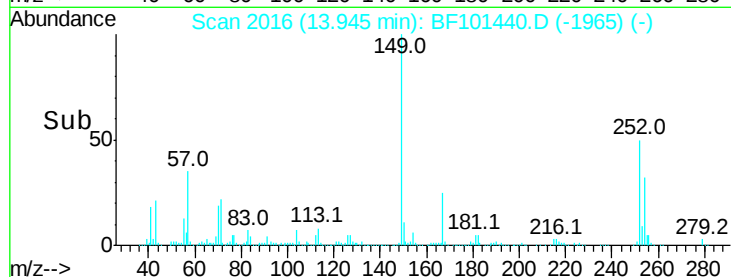
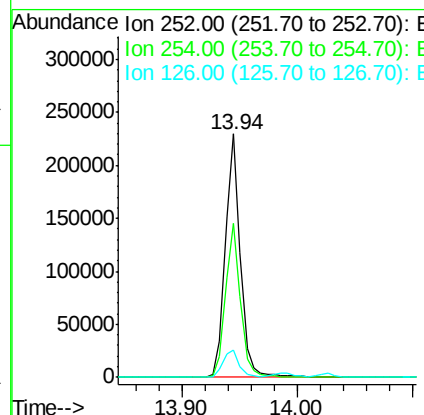
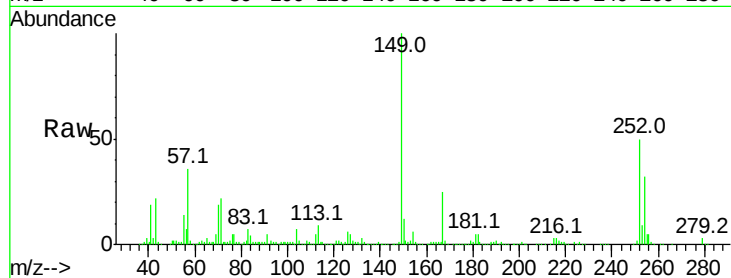




#81
 3,3'-Dichlorobenzidine
 Concen: 21.283 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF101440.D
 Acq: 15 Dec 2017 14:03

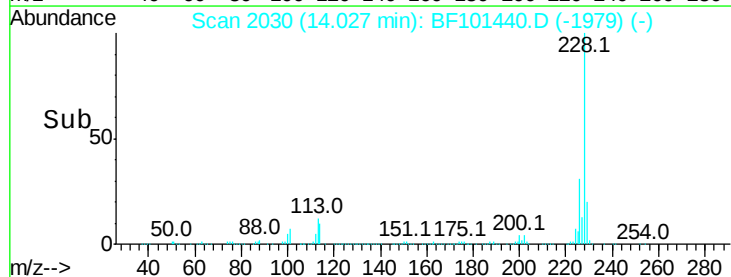
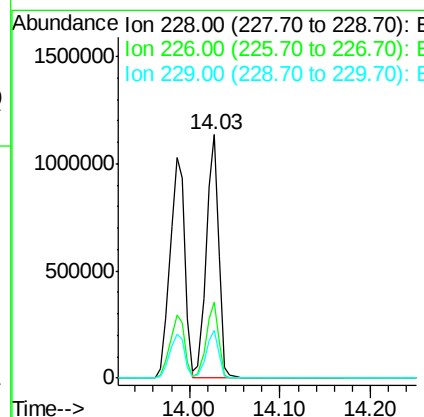
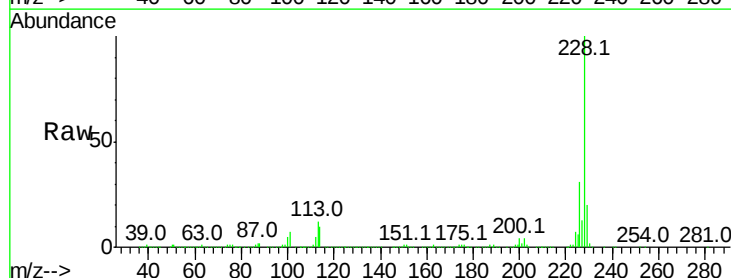
Instrument :
 BNA_F
 ClientSampleId :

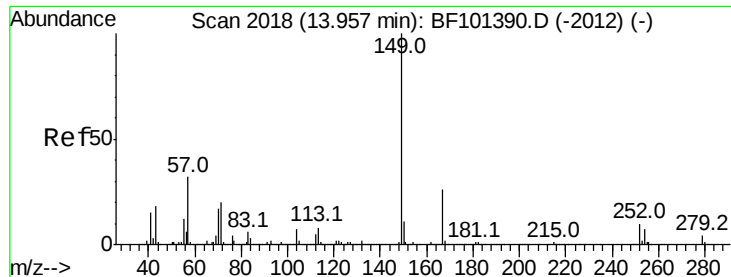
Tot Ion:252 Resp: 208530
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.4 75.6
 126 11.1 11.3 16.9#



#82
 Chrysene
 Concen: 38.790 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF101440.D
 Acq: 15 Dec 2017 14:03

Tgt Ion:228 Resp: 1100554
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.6
 229 19.6 16.2 24.4

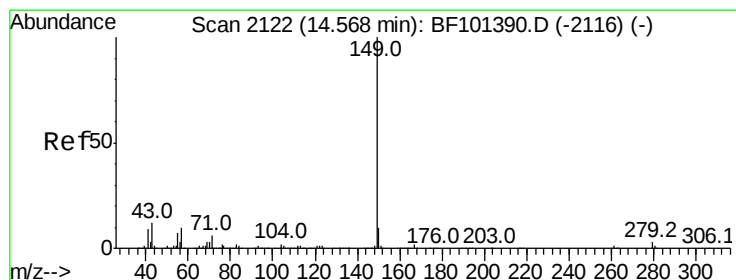
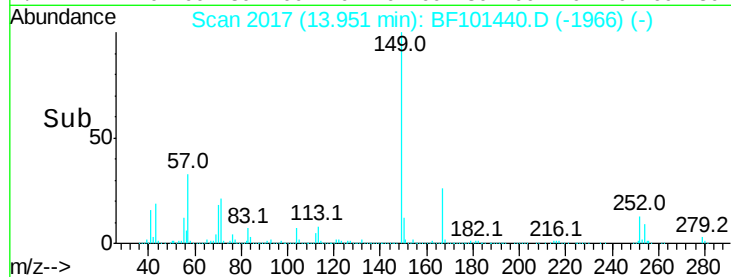
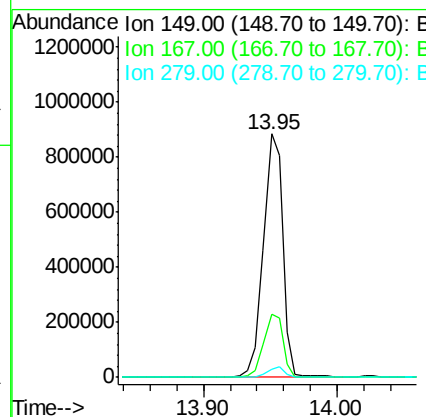
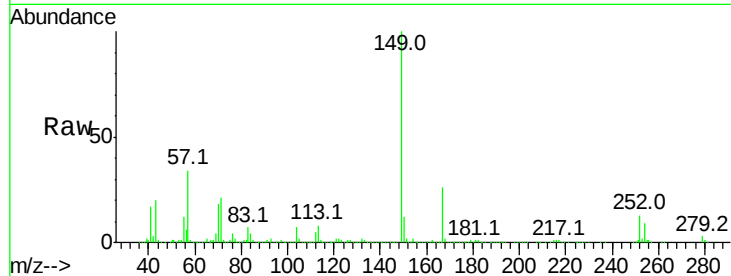




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.769 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BF101440.D
 Acq: 15 Dec 2017 14:03

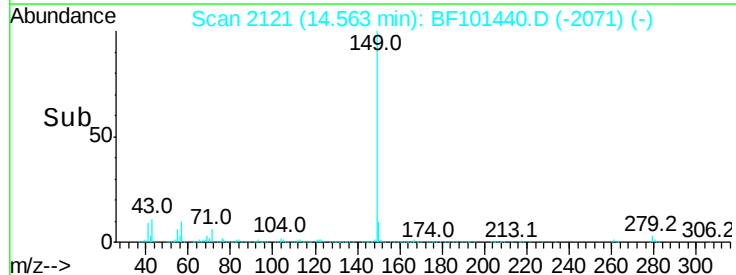
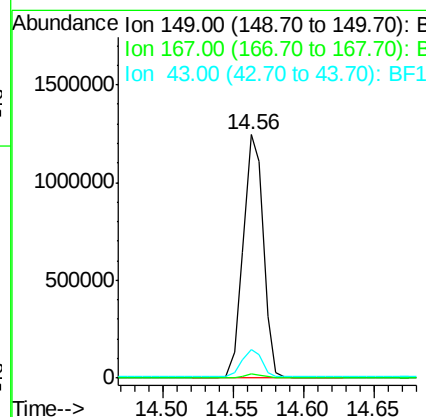
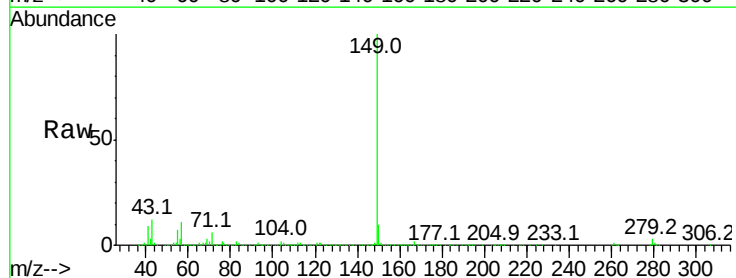
Instrument :
 BNA_F
 ClientSampled :

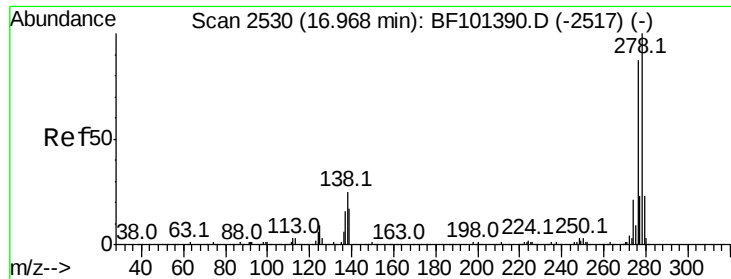
Tot Ion:149 Resp: 876285
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.3 31.9
 279 3.4 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 35.267 ng
 RT: 14.56 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BF101440.D
 Acq: 15 Dec 2017 14:03

Tgt Ion:149 Resp: 1231088
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.0 8.4 12.6

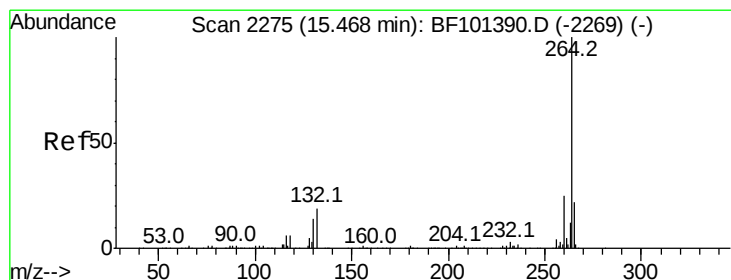
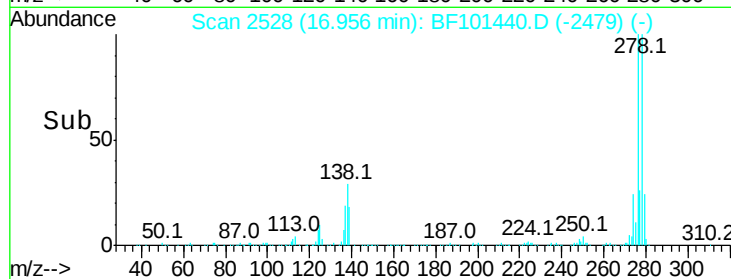
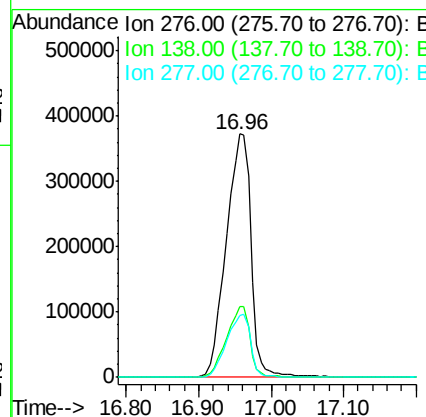
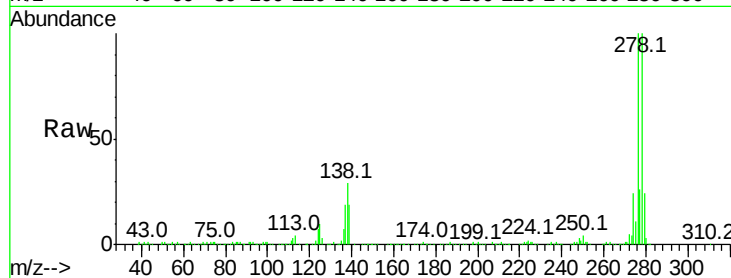




#85
Indeno(1,2,3-cd)pyrene
Concen: 35.135 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

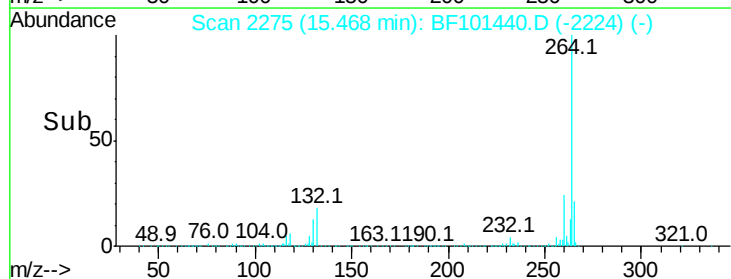
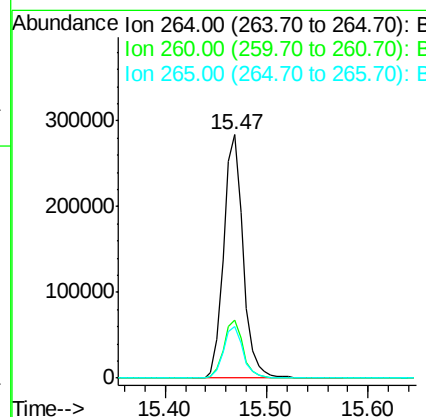
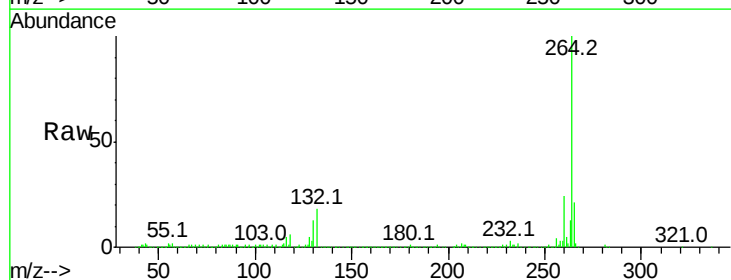
Instrument :
BNA_F
ClientSampleId :

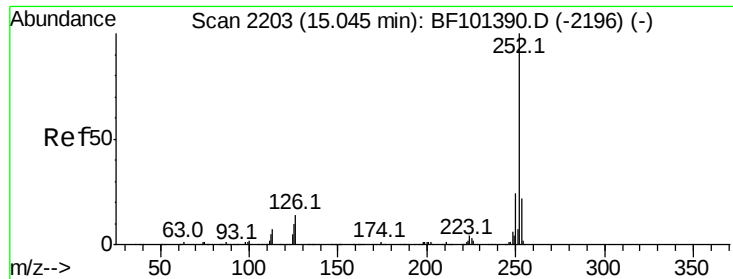
Tot Ion:276 Resp: 887696
Ion Ratio Lower Upper
276 100
138 27.7 25.0 37.6
277 25.4 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

Tgt Ion:264 Resp: 378849
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.0 17.5 26.3

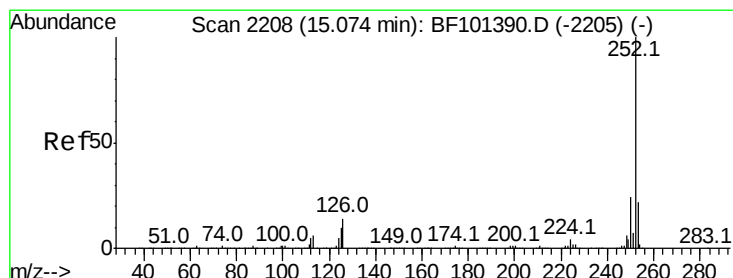
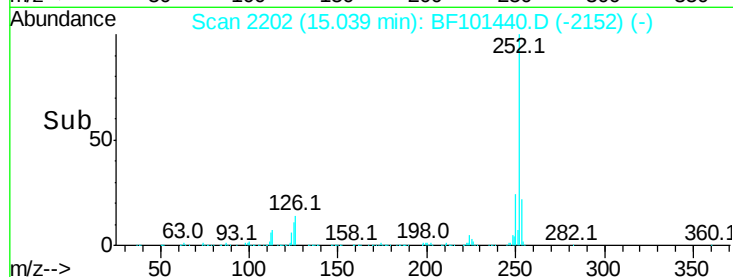
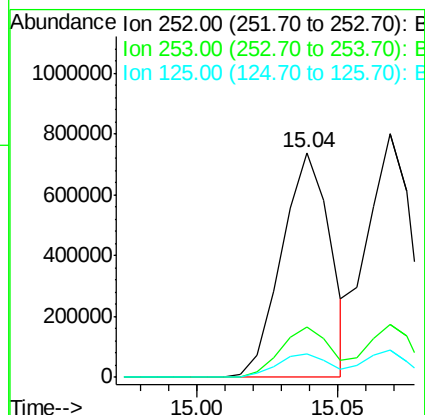
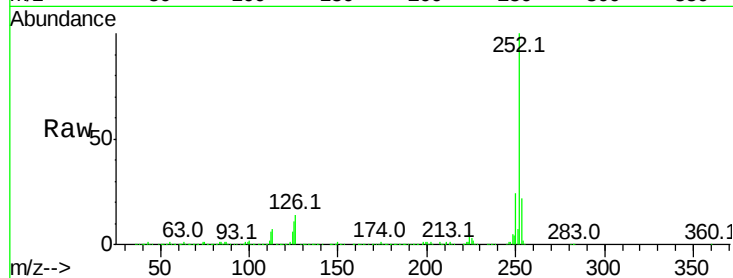




#87
Benzo(b)fluoranthene
Concen: 38.258 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

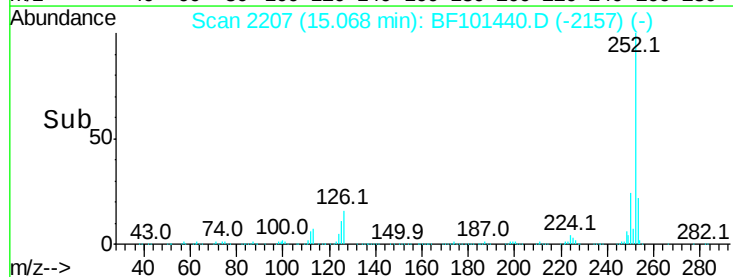
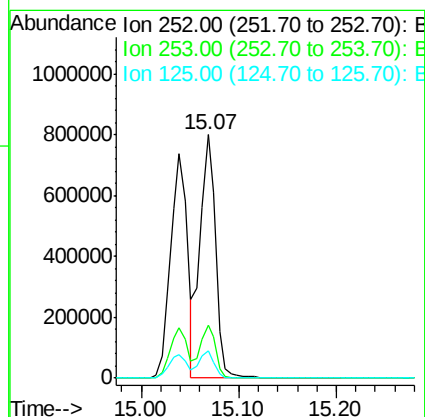
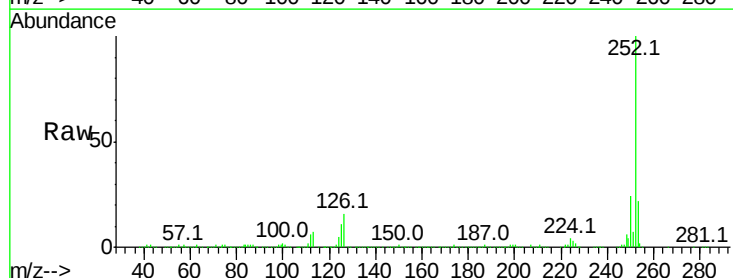
Instrument :
BNA_F
ClientSampleId :

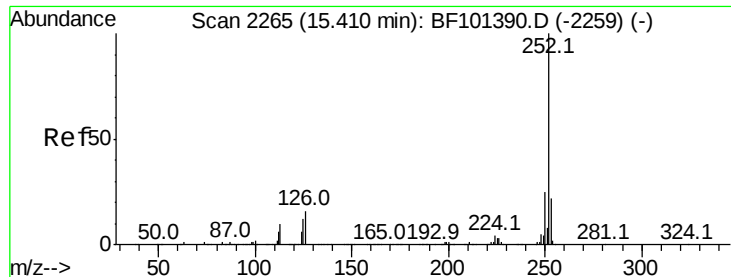
Tot Ion:252 Resp: 883441
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 10.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.302 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

Tgt Ion:252 Resp: 882398
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 11.1 10.2 15.2

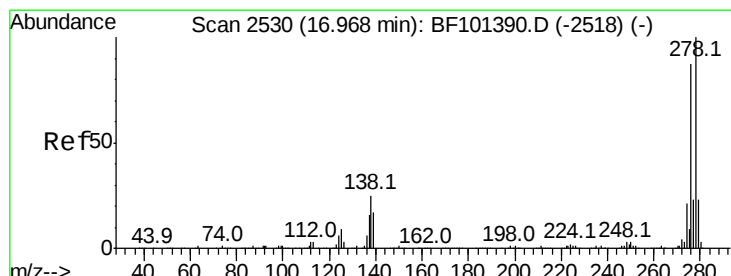
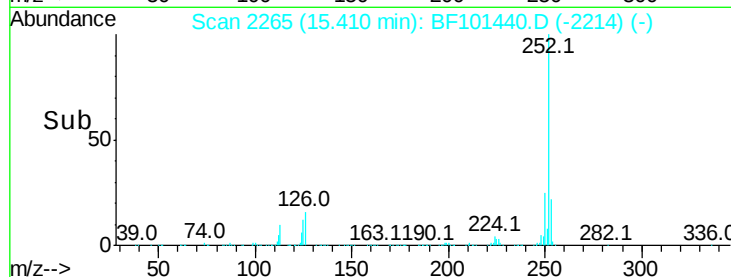
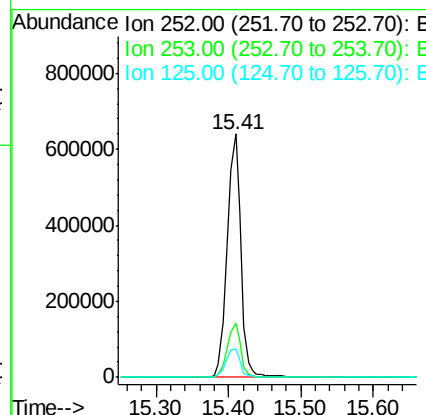
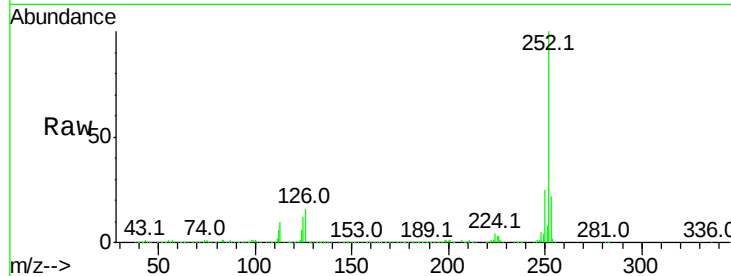




#89
Benzo(a)pyrene
Concen: 39.499 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

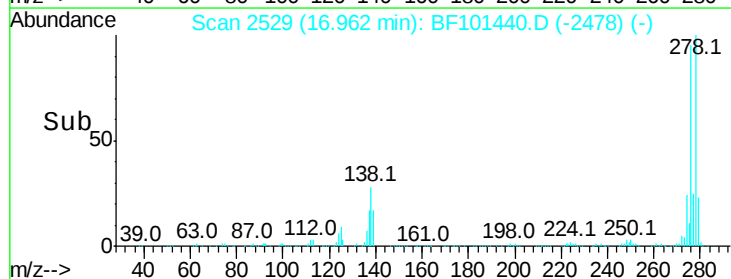
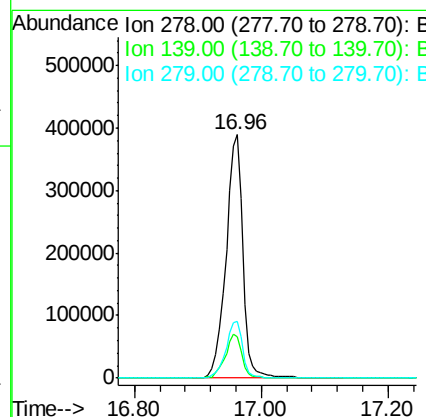
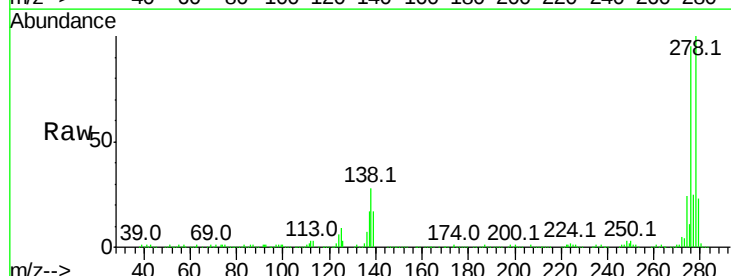
Instrument :
BNA_F
ClientSampleId :

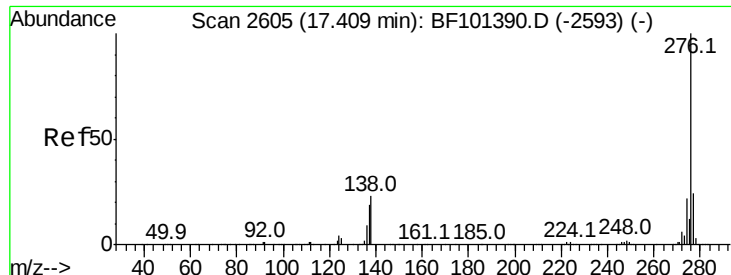
Tot Ion:252 Resp: 840834
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 11.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 39.908 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.00 min
Lab File: BF101440.D
Acq: 15 Dec 2017 14:03

Tgt Ion:278 Resp: 729404
Ion Ratio Lower Upper
278 100
139 16.9 15.9 23.9
279 23.3 19.0 28.4

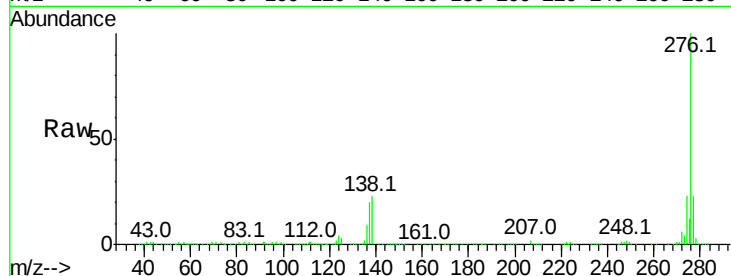




#91
 Benzo(a,h,i)perylene
 Concen: 43.901 ng
 RT: 17.40 min Scan# 2604
 Delta R.T. 0.00 min
 Lab File: BF101440.D
 Acq: 15 Dec 2017 14:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	23.4	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

