

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101353.D
 Acq On : 13 Dec 2017 2:42
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 13 05:07:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	42596	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	164525	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	70329	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	117953	20.00	ng	0.00
75) Chrysene-d12	14.01	240	97245	20.00	ng	0.00
86) Perylene-d12	15.48	264	84269	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	222753	86.41	ng	0.00
7) Phenol-d6	6.46	99	264616	84.55	ng	0.00
23) Nitrobenzene-d5	7.39	82	233678	84.73	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	58669	69.44	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	479101	93.21	ng	0.00
78) Terphenyl-d14	12.94	244	362188	81.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	43714	41.010	ng	98
3) Pyridine	3.30	79	106317	38.475	ng	97
4) n-Nitrosodimethylamine	3.26	42	59691	44.228	ng	# 90
6) Aniline	6.49	93	168688	41.449	ng	98
8) 2-Chlorophenol	6.61	128	118701	42.233	ng	98
9) Benzaldehyde	6.38	77	83567	43.627	ng	92
10) Phenol	6.48	94	143748	41.307	ng	# 72
11) bis(2-Chloroethyl)ether	6.56	93	108150	41.433	ng	99
12) 1,3-Dichlorobenzene	6.76	146	139839	42.729	ng	96
13) 1,4-Dichlorobenzene	6.84	146	140883	41.579	ng	98
14) 1,2-Dichlorobenzene	6.99	146	134347	42.509	ng	97
15) Benzyl Alcohol	6.97	79	100892	41.739	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	145288	40.948	ng	62
17) 2-Methylphenol	7.08	107	100272	44.182	ng	95
18) Hexachloroethane	7.33	117	36183	33.238	ng	93
19) n-Nitroso-di-n-propylamine	7.24	70	84990	40.324	ng	94
20) 3+4-Methylphenols	7.24	107	123004	41.558	ng	# 58
22) Acetophenone	7.24	105	172134	43.306	ng	# 92
24) Nitrobenzene	7.41	77	116323	43.034	ng	97
25) Isophorone	7.65	82	195676	41.536	ng	99
26) 2-Nitrophenol	7.73	139	52726	35.533	ng	96
27) 2,4-Dimethylphenol	7.76	122	93739	43.670	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	137046	43.283	ng	97
29) 2,4-Dichlorophenol	7.97	162	97477	41.719	ng	95
30) 1,2,4-Trichlorobenzene	8.05	180	109575	42.649	ng	96
31) Naphthalene	8.13	128	334207	41.216	ng	99
32) Benzoic acid	7.91	122	57712	34.568	ng	99
33) 4-Chloroaniline	8.18	127	134391	41.249	ng	98
34) Hexachlorobutadiene	8.24	225	67898	43.089	ng	96
35) Caprolactam	8.56	113	26322	36.149	ng	93
36) 4-Chloro-3-methylphenol	8.67	107	96204	39.749	ng	98
37) 2-Methylnaphthalene	8.82	142	217767	39.524	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	118022	46.194	ng	# 96
40) Hexachlorocyclopentadiene	8.97	237	1078	9.211	ng	93

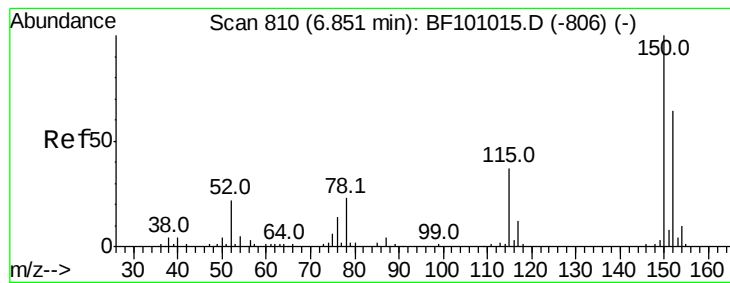
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101353.D
 Acq On : 13 Dec 2017 2:42
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 13 05:07:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	64416	43.010	ng	98
43) 2,4,5-Trichlorophenol	9.15	196	67876	42.391	ng	95
45) 1,1'-Biphenyl	9.29	154	290933	45.151	ng	98
46) 2-Chloronaphthalene	9.32	162	200814	43.883	ng	95
47) 2-Nitroaniline	9.42	65	58833	43.455	ng	99
48) Acenaphthylene	9.73	152	310450	41.281	ng	99
49) Dimethylphthalate	9.58	163	247926	43.711	ng	99
50) 2,6-Dinitrotoluene	9.66	165	46209	38.681	ng	91
51) Acenaphthene	9.90	154	185320	41.154	ng	99
52) 3-Nitroaniline	9.83	138	55974	41.665	ng	98
53) 2,4-Dinitrophenol	9.96	184	1720	7.458	ng	# 31
54) Dibenzofuran	10.07	168	262104	40.390	ng	99
55) 4-Nitrophenol	10.00	139	32365	35.722	ng	86
56) 2,4-Dinitrotoluene	10.07	165	53015	33.114	ng	# 92
57) Fluorene	10.42	166	206825	39.206	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	47174	36.796	ng	# 83
59) Diethylphthalate	10.28	149	234038	41.834	ng	96
60) 4-Chlorophenyl-phenylether	10.40	204	108291	41.576	ng	90
61) 4-Nitroaniline	10.45	138	55219	39.596	ng	92
62) Azobenzene	10.56	77	180117	37.938	ng	94
64) 4,6-Dinitro-2-methylphenol	10.49	198	4219	5.333	ng	86
65) n-Nitrosodiphenylamine	10.52	169	199104	47.847	ng	95
66) 4-Bromophenyl-phenylether	10.89	248	59907	45.374	ng	91
67) Hexachlorobenzene	10.97	284	59682	42.178	ng	# 83
68) Atrazine	11.05	200	42090	32.974	ng	95
69) Pentachlorophenol	11.17	266	32272	41.479	ng	99
70) Phenanthrene	11.38	178	263704	40.597	ng	98
71) Anthracene	11.43	178	267298	40.659	ng	98
72) Carbazole	11.59	167	233500	38.874	ng	98
73) Di-n-butylphthalate	11.90	149	325723	43.264	ng	98
74) Fluoranthene	12.57	202	264242	36.699	ng	95
76) Benzidine	12.70	184	136281	43.096	ng	98
77) Pyrene	12.80	202	268633	40.033	ng	98
79) Butylbenzylphthalate	13.41	149	119481	40.386	ng	91
80) Benzo(a)anthracene	14.00	228	252120	41.063	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	93961	44.188	ng	# 96
82) Chrysene	14.03	228	232148	40.712	ng	97
83) Bis(2-ethylhexyl)phthalate	13.96	149	170412	40.398	ng	98
84) Di-n-octyl phthalate	14.58	149	290861	41.413	ng	100
85) Indeno(1,2,3-cd)pyrene	16.98	276	178262	35.163	ng	# 92
87) Benzo(b)fluoranthene	15.05	252	223647	44.309	ng	98
88) Benzo(k)fluoranthene	15.08	252	198414	39.899	ng	# 96
89) Benzo(a)pyrene	15.42	252	190597	41.535	ng	99
90) Dibenzo(a,h)anthracene	16.98	278	154141	38.102	ng	# 93
91) Benzo(g,h,i)perylene	17.43	276	140008	36.723	ng	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

Instrument :

BNA_F

ClientSampled :

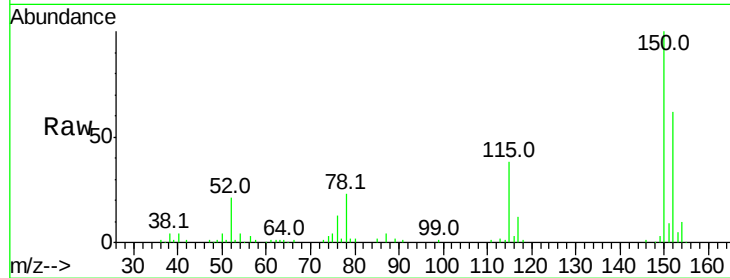
Tot Ion:152 Resp: 42596

Ion Ratio Lower Upper

152 100

150 160.1 124.6 186.8

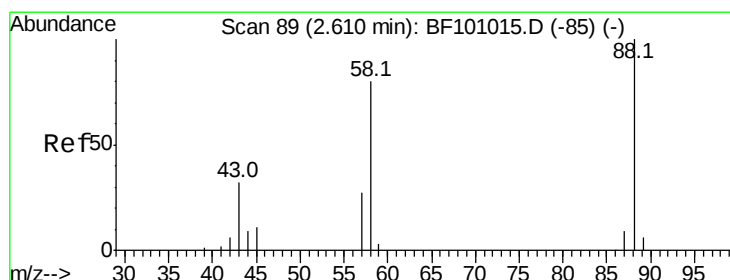
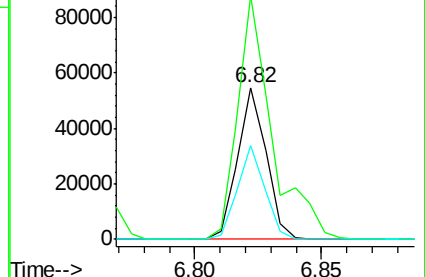
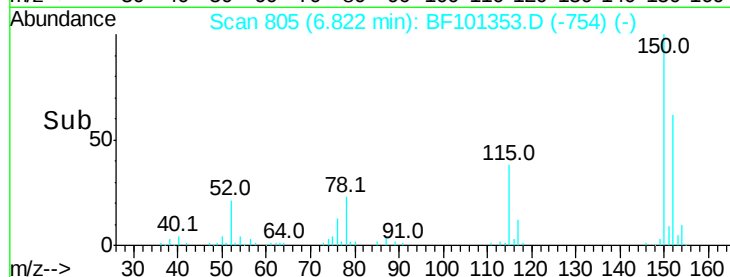
115 61.5 50.1 75.1



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: 41.010 ng

RT: 2.53 min Scan# 75

Delta R.T. -0.04 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

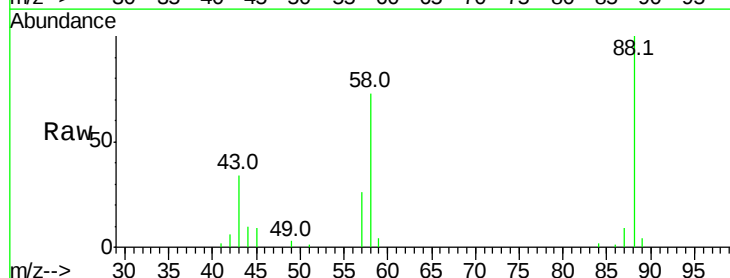
Tgt Ion: 88 Resp: 43714

Ion Ratio Lower Upper

88 100

58 76.5 62.6 93.8

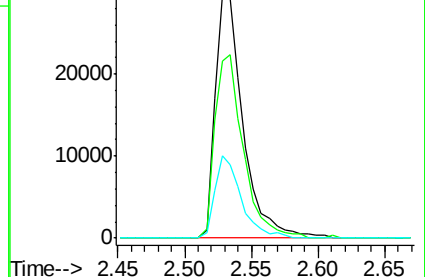
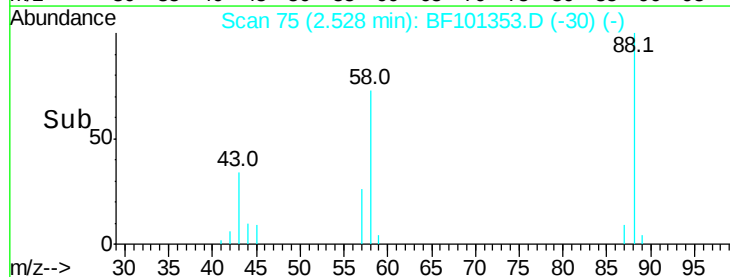
43 31.7 24.6 37.0

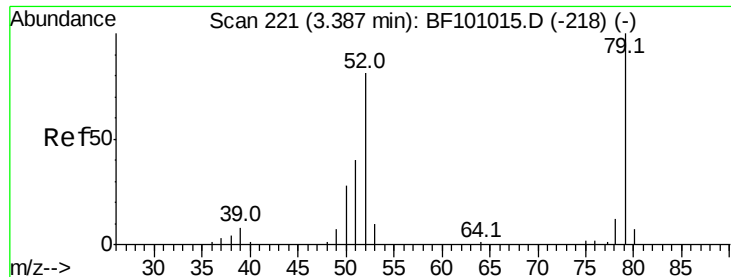


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.475 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.03 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

Instrument :

BNA_F

ClientSampleId :

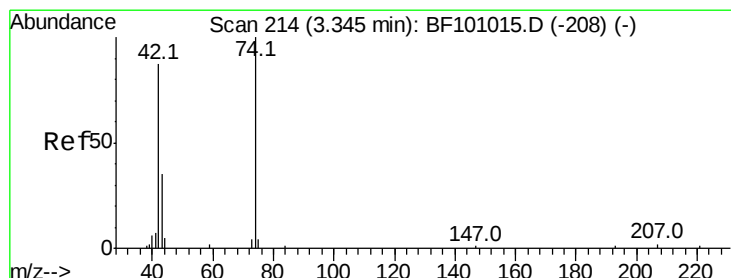
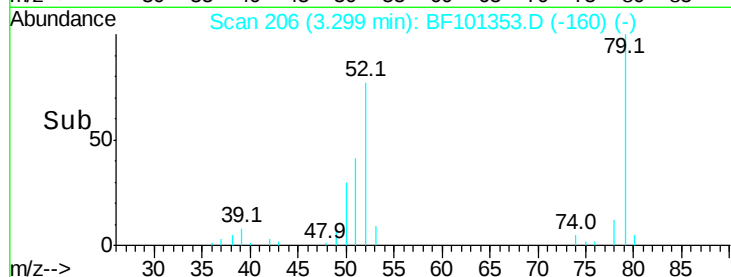
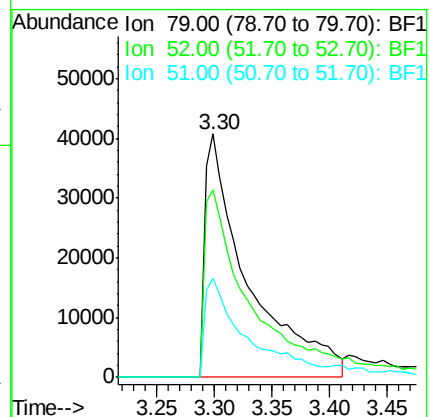
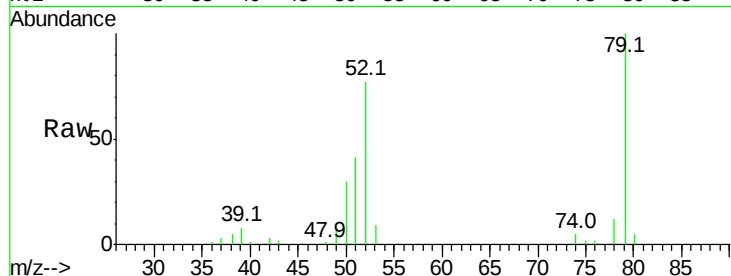
Tot Ion: 79 Resp: 106317

Ion Ratio Lower Upper

79 100

52 76.8 59.8 89.6

51 40.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 44.228 ng

RT: 3.26 min Scan# 200

Delta R.T. -0.03 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

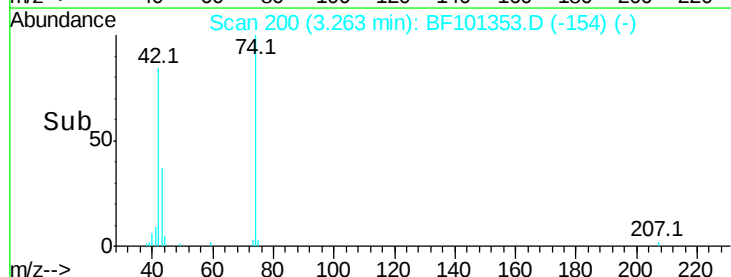
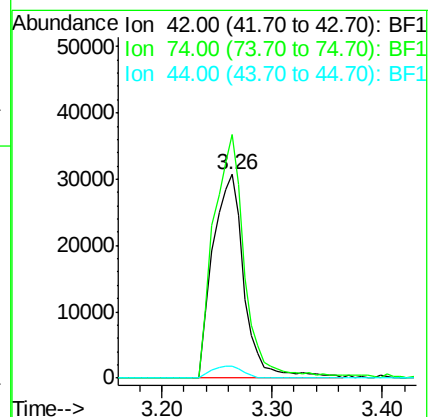
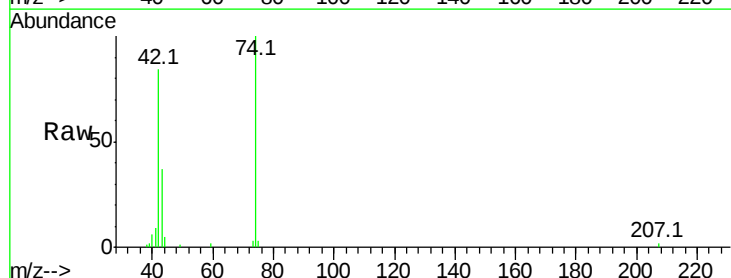
Tgt Ion: 42 Resp: 59691

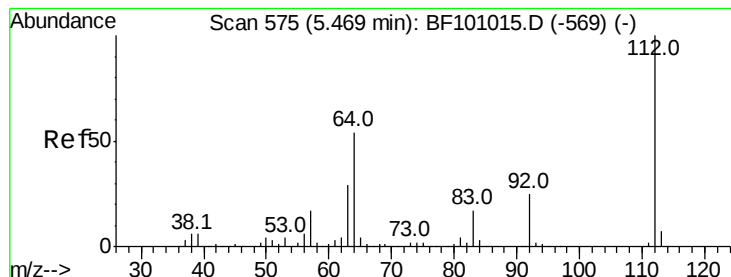
Ion Ratio Lower Upper

42 100

74 119.6 104.9 157.3

44 5.8 6.9 10.3#





#5

2-Fluorophenol

Concen: 86.413 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

Instrument :

BNA_F

ClientSampleId :

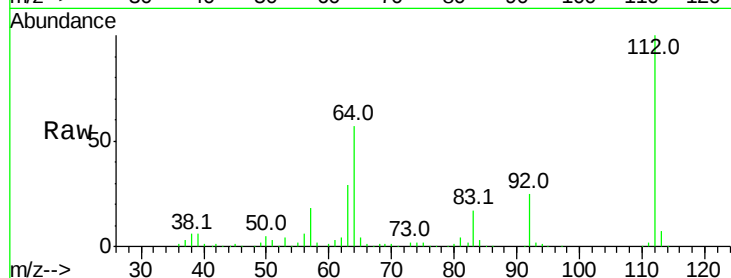
Tot Ion:112 Resp: 222753

Ion Ratio Lower Upper

112 100

64 56.6 47.9 71.9

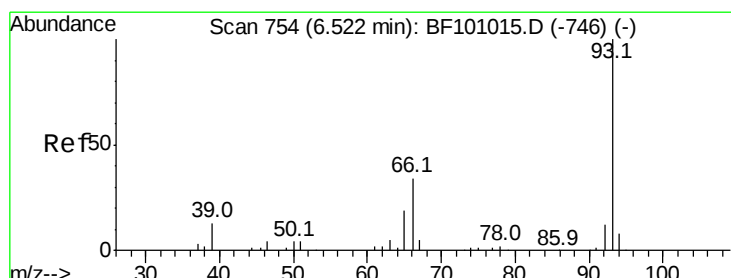
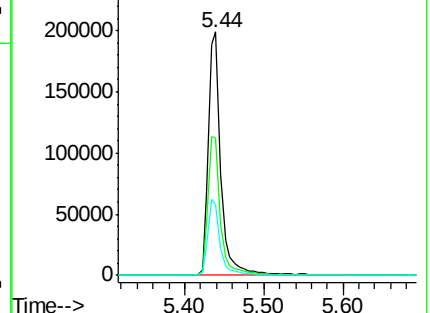
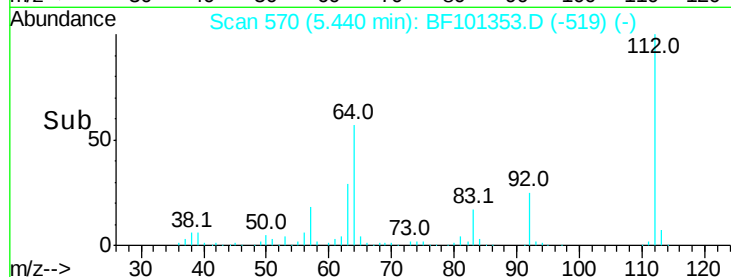
63 29.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.449 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

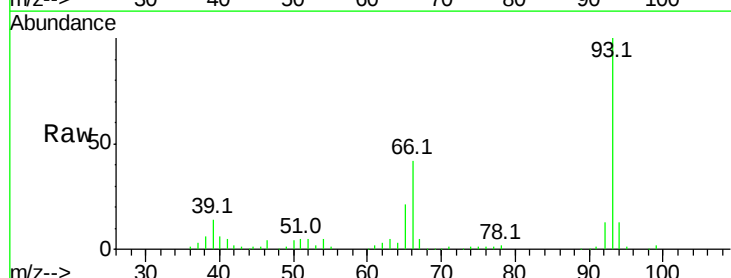
Tgt Ion: 93 Resp: 168688

Ion Ratio Lower Upper

93 100

66 42.0 32.2 48.2

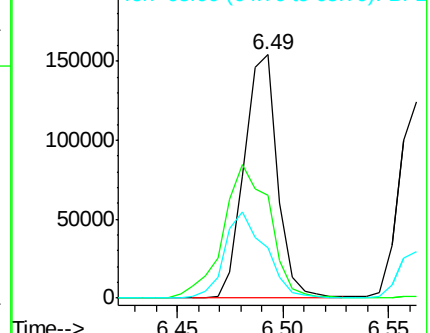
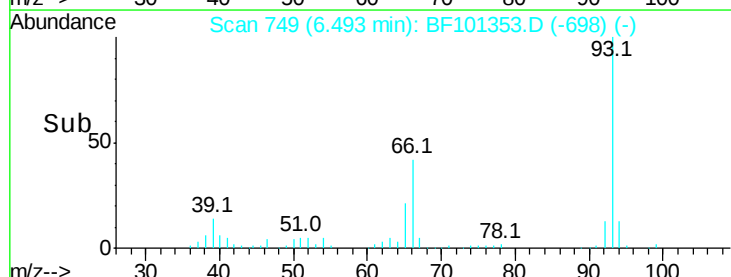
65 20.7 16.4 24.6

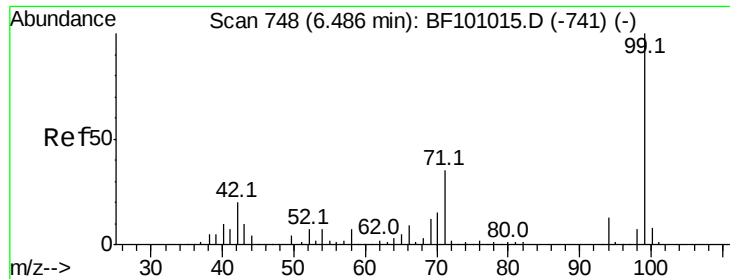


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.551 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

Instrument :

BNA_F

ClientSampleId :

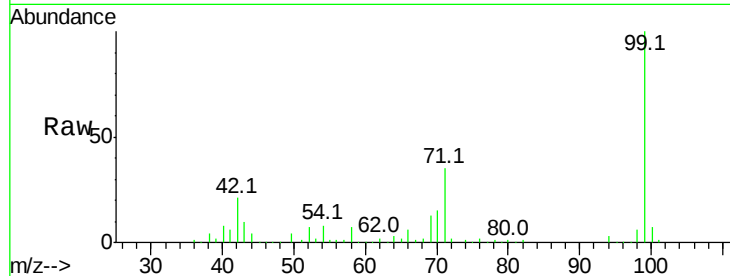
Tot Ion: 99 Resp: 264616

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

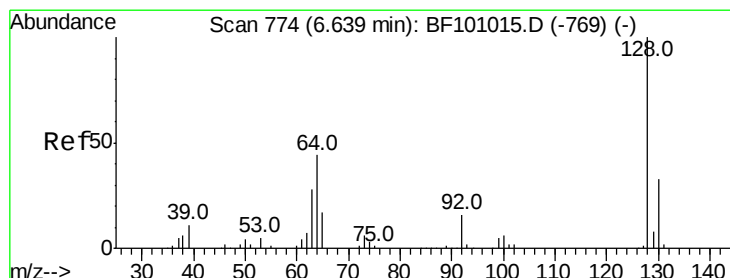
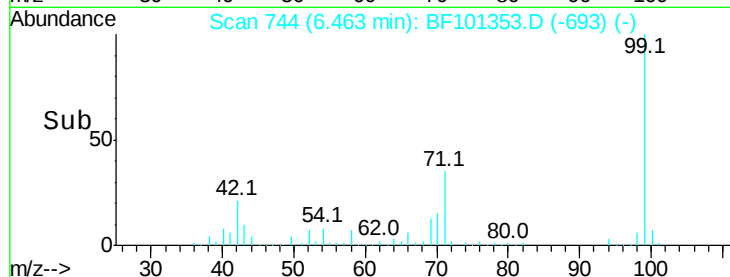
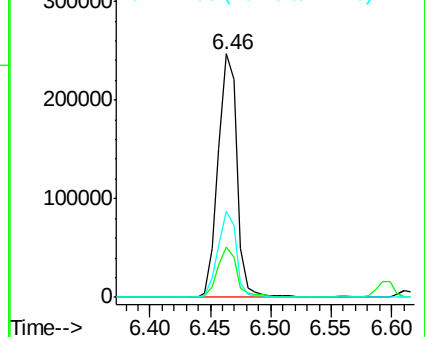
71 35.3 25.4 38.0



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: 42.233 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

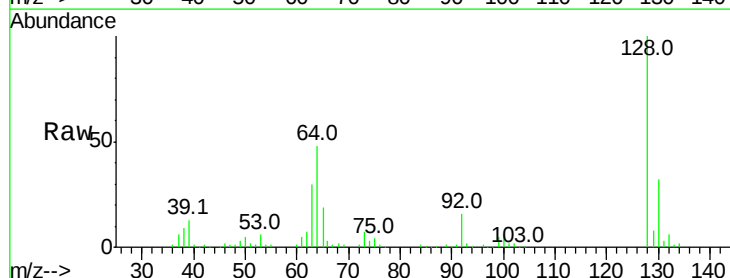
Tgt Ion: 128 Resp: 118701

Ion Ratio Lower Upper

128 100

130 31.6 13.0 53.0

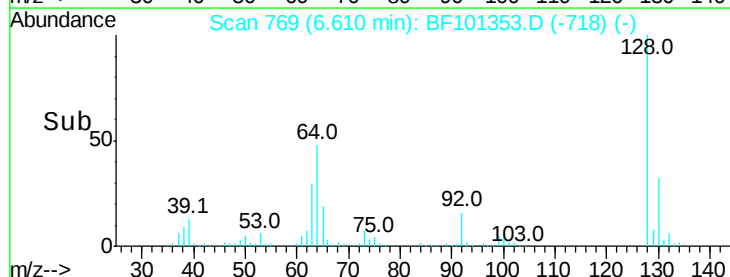
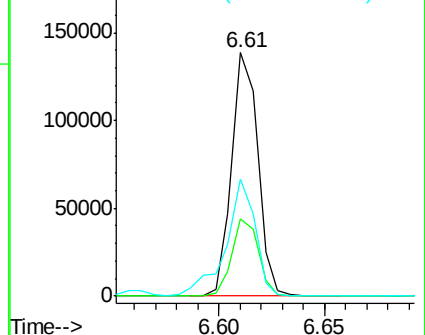
64 48.2 29.4 69.4

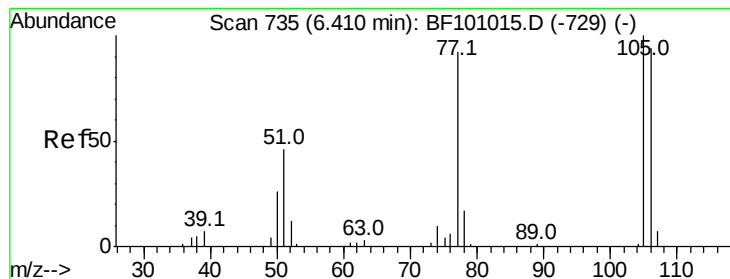


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 43.627 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

Instrument :

BNA_F

ClientSampleId :

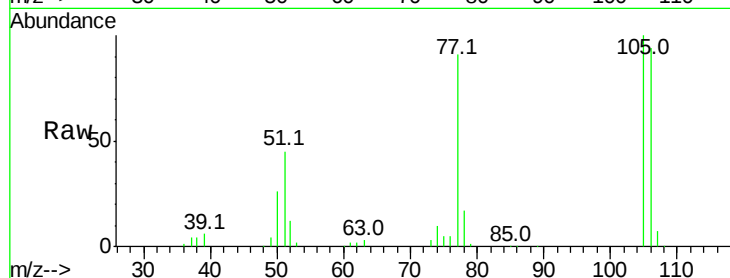
Tot Ion: 77 Resp: 83567

Ion Ratio Lower Upper

77 100

105 109.6 81.1 121.1

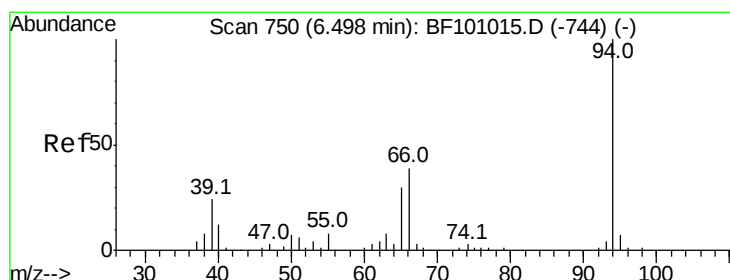
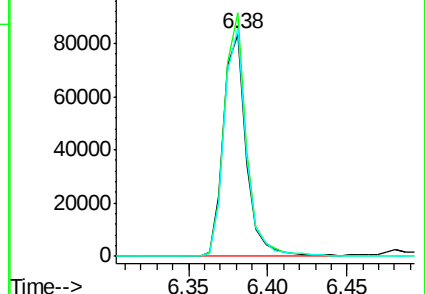
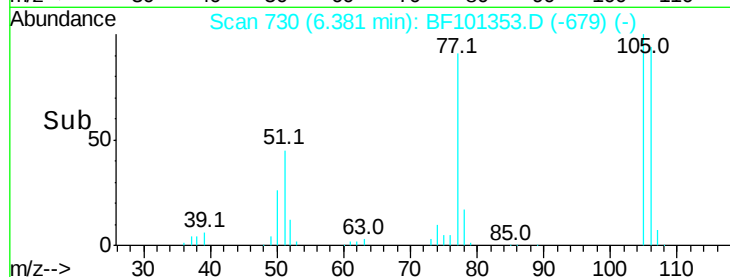
106 102.7 74.5 114.5



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: 41.307 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

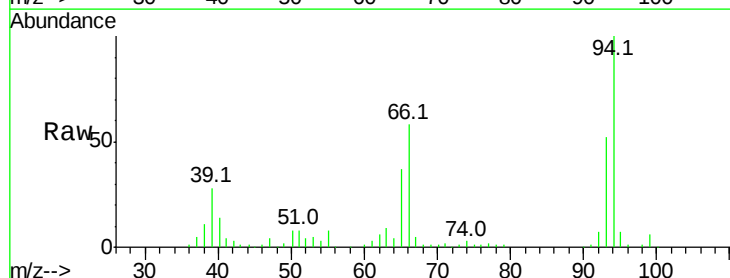
Tgt Ion: 94 Resp: 143748

Ion Ratio Lower Upper

94 100

65 37.2 7.9 47.9

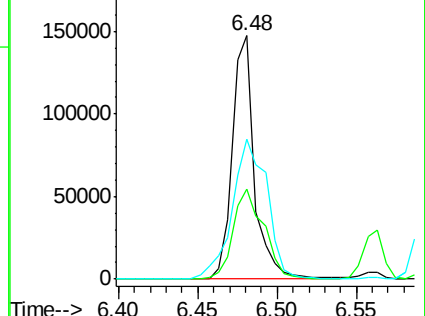
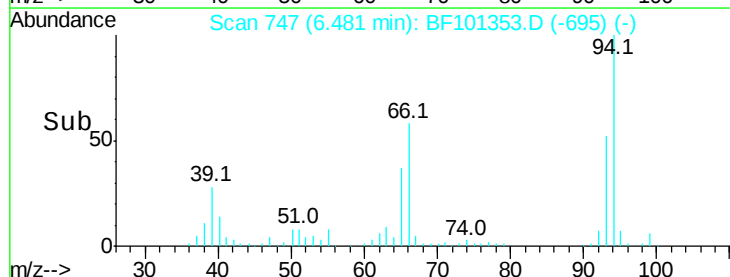
66 57.6 16.2 56.2#

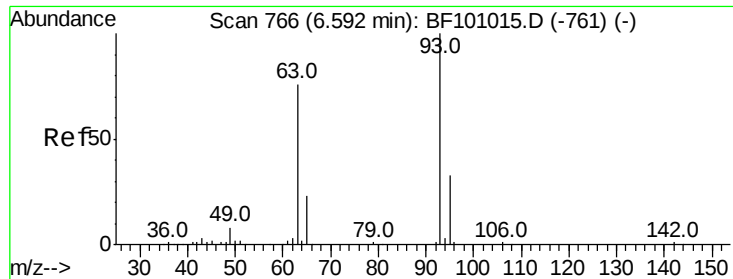


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.433 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

Instrument :

BNA_F

ClientSampleId :

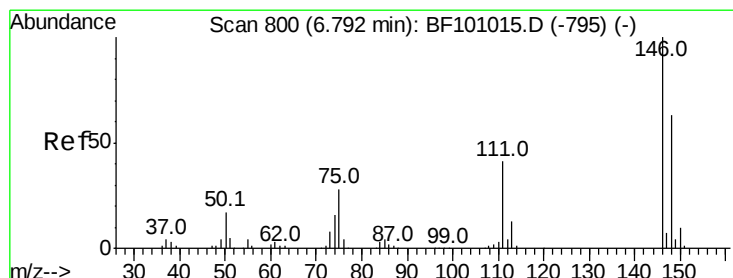
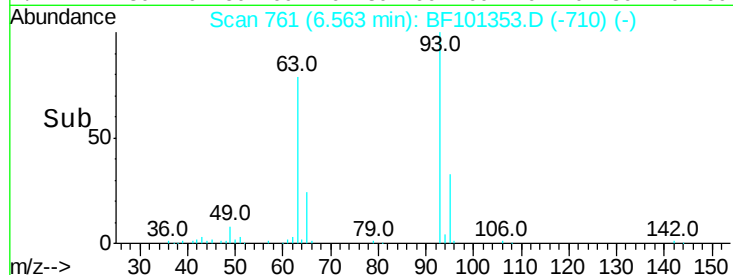
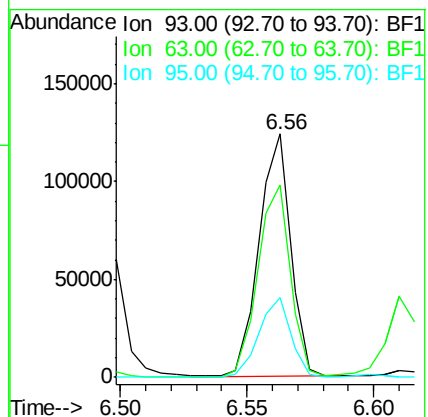
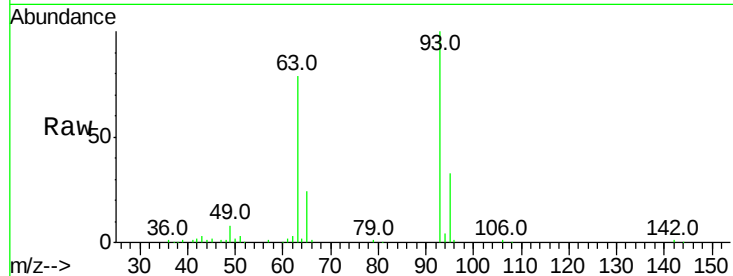
Tot Ion: 93 Resp: 108150

Ion Ratio Lower Upper

93 100

63 79.0 58.6 98.6

95 32.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 42.729 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

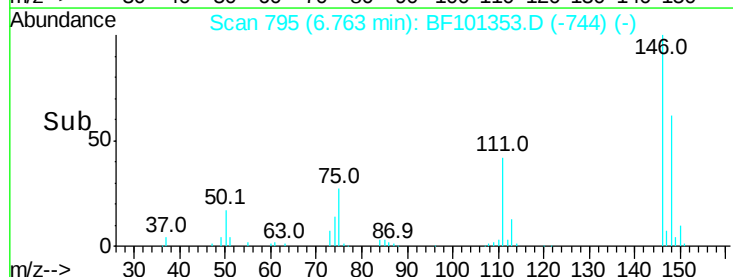
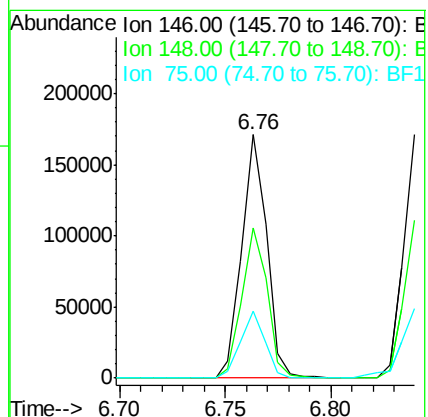
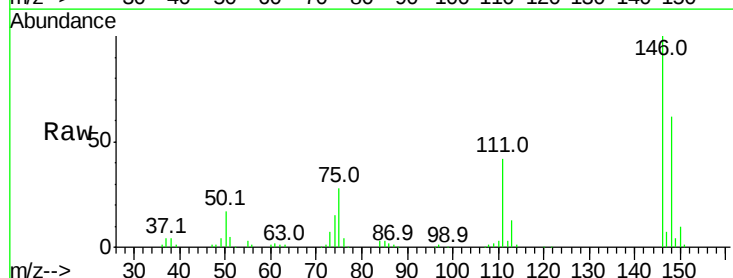
Tgt Ion: 146 Resp: 139839

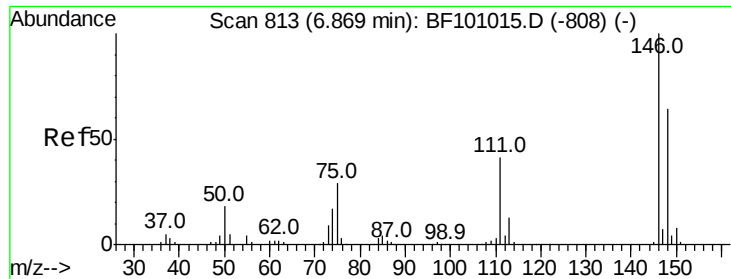
Ion Ratio Lower Upper

146 100

148 61.9 51.8 77.8

75 27.5 24.2 36.4

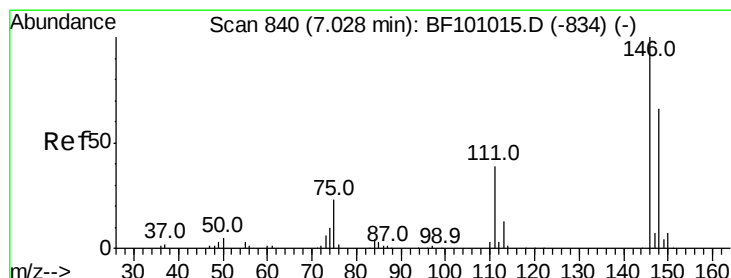
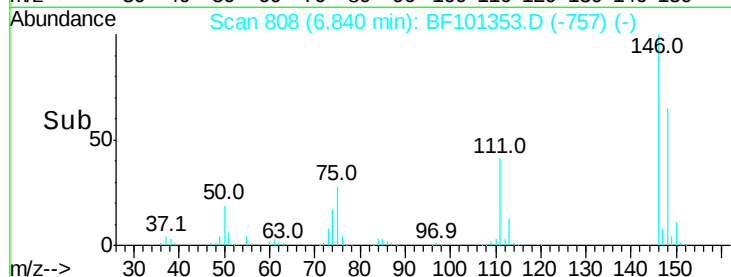
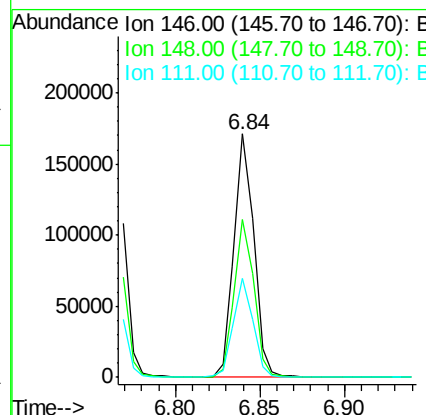
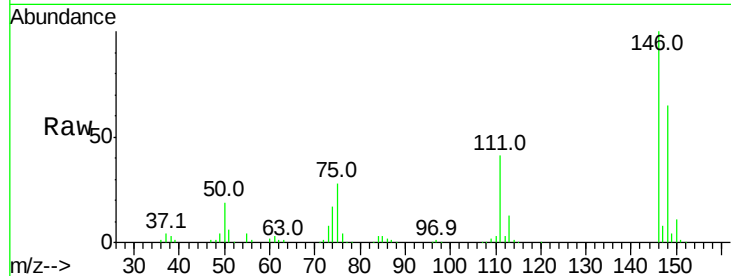




#13
 1,4-Dichlorobenzene
 Concen: 41.579 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF101353.D
 Acq: 13 Dec 2017 2:42

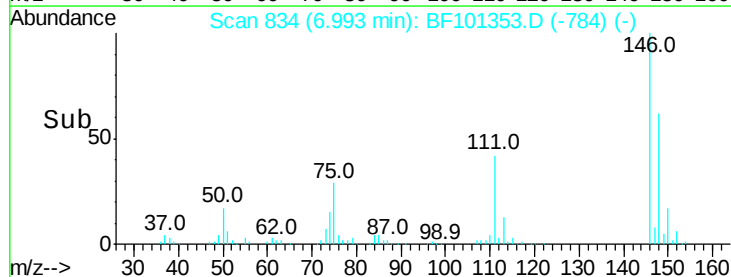
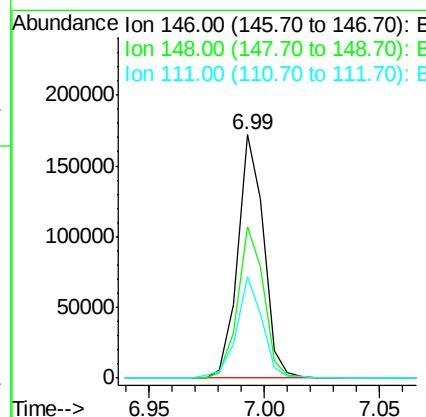
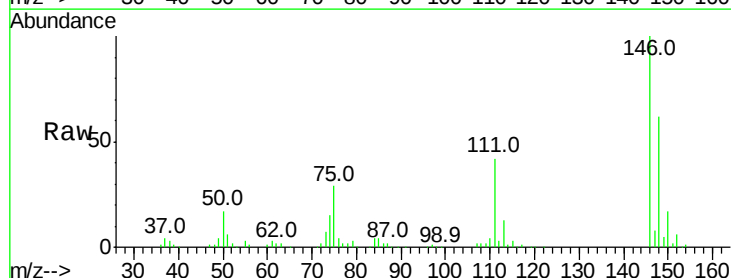
Instrument :
 BNA_F
 ClientSampleId :

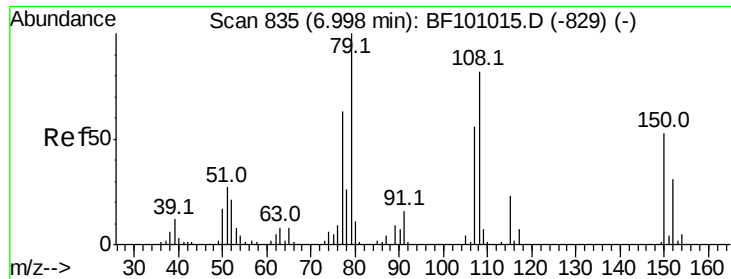
Tot Ion:146 Resp: 140883
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.8 76.2
 111 40.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 42.509 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF101353.D
 Acq: 13 Dec 2017 2:42

Tgt Ion:146 Resp: 134347
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.6 75.8
 111 41.5 36.0 54.0

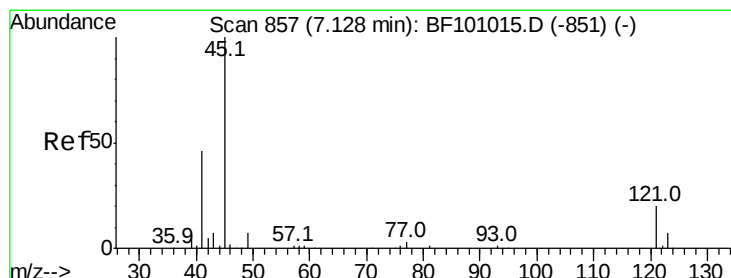
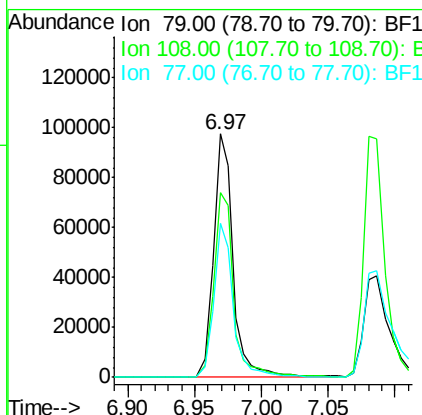
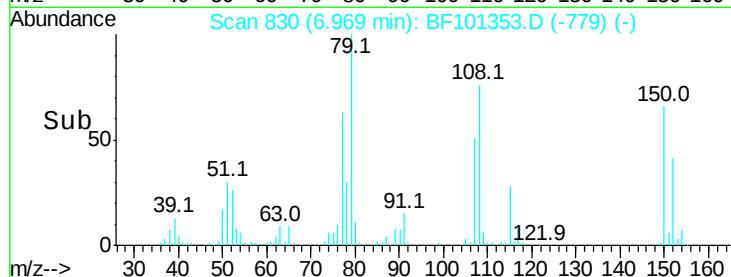
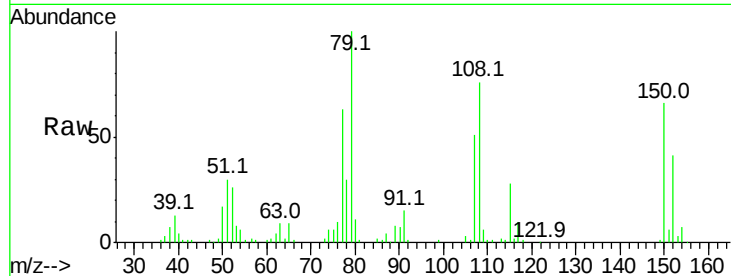




#15
Benzyl Alcohol
Concen: 41.739 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF101353.D
Acq: 13 Dec 2017 2:42

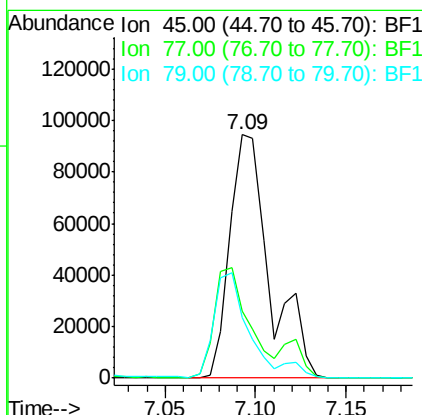
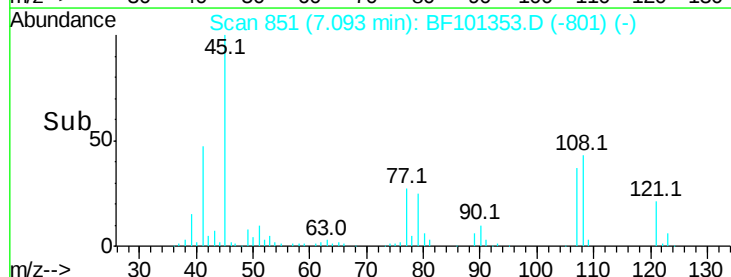
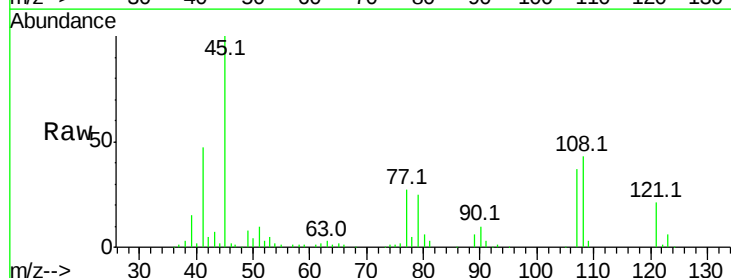
Instrument :
BNA_F
ClientSampled :

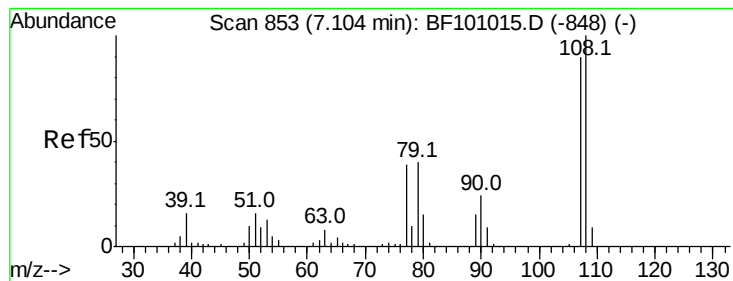
Tot Ion: 79 Resp: 100892
Ion Ratio Lower Upper
79 100
108 75.7 65.1 97.7
77 63.5 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.948 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF101353.D
Acq: 13 Dec 2017 2:42

Tgt Ion: 45 Resp: 145288
Ion Ratio Lower Upper
45 100
77 27.3 0.0 32.9
79 24.8 0.0 29.6





#17

2-Methylphenol

Concen: 44.182 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 100272

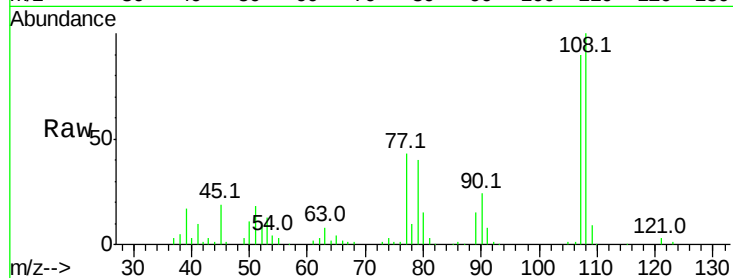
Ion Ratio Lower Upper

107 100

108 110.9 91.7 137.5

77 47.6 33.8 50.8

79 44.9 33.8 50.8

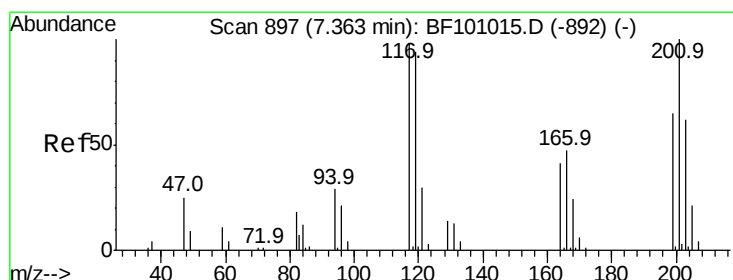
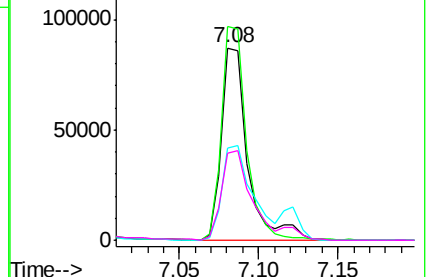
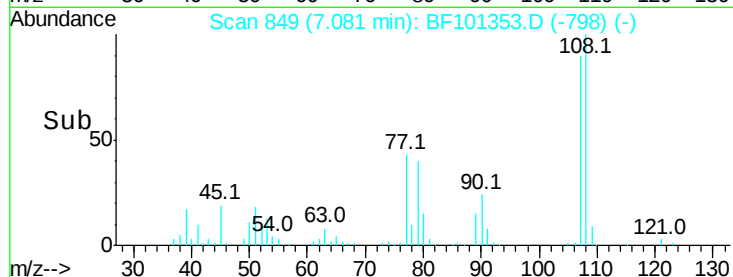


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 33.238 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

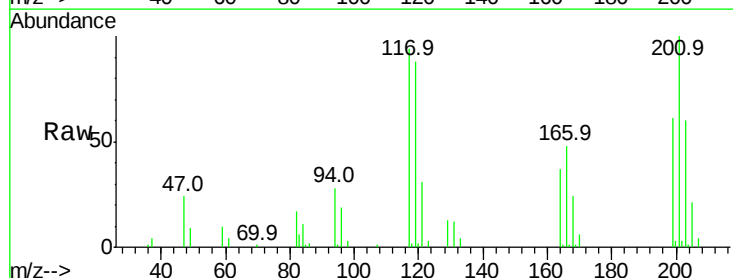
Tgt Ion:117 Resp: 36183

Ion Ratio Lower Upper

117 100

119 93.5 75.8 113.8

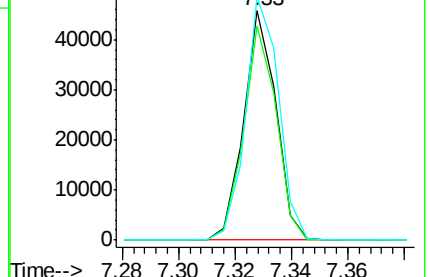
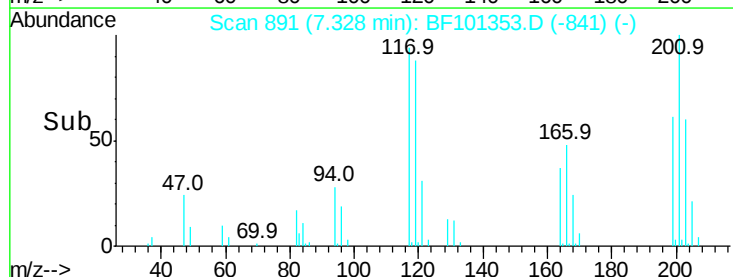
201 106.2 75.7 113.5

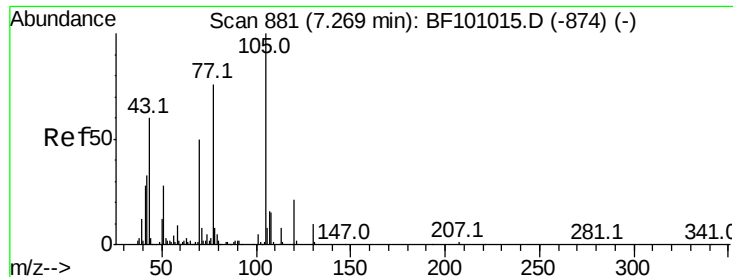


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

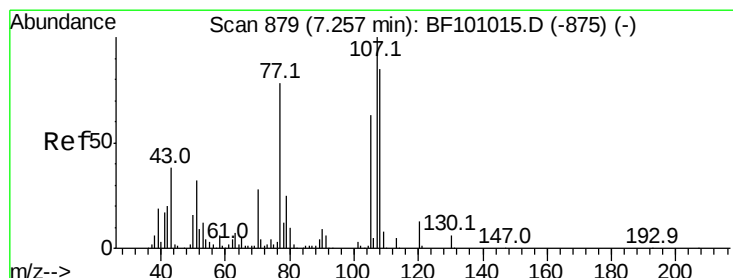
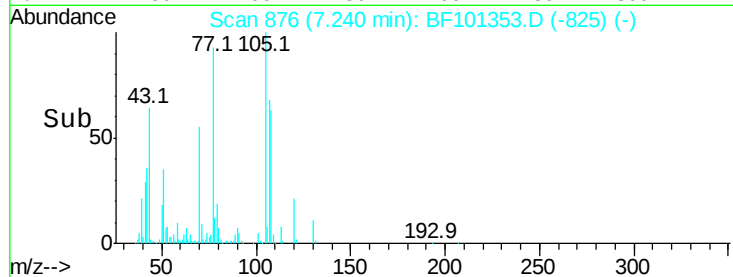
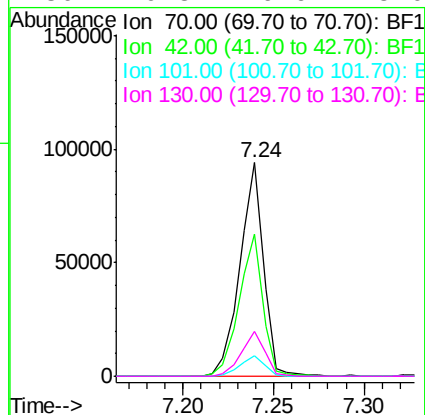
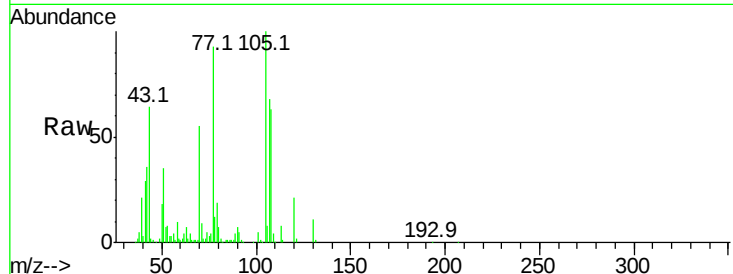




#19
n-Nitroso-di-n-propylamine
Concen: 40.324 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF101353.D
Acq: 13 Dec 2017 2:42

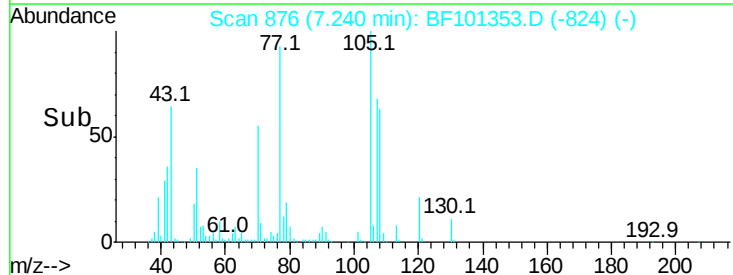
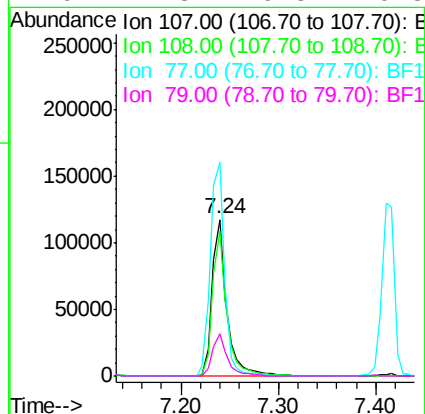
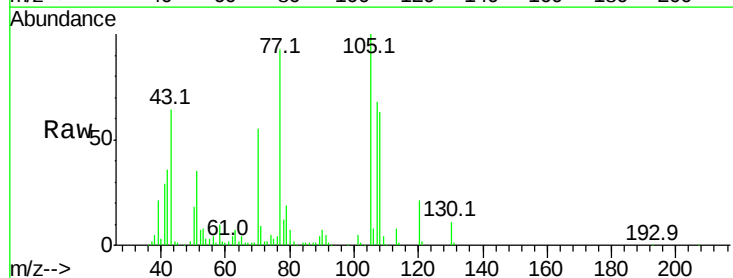
Instrument :
BNA_F
ClientSampled :

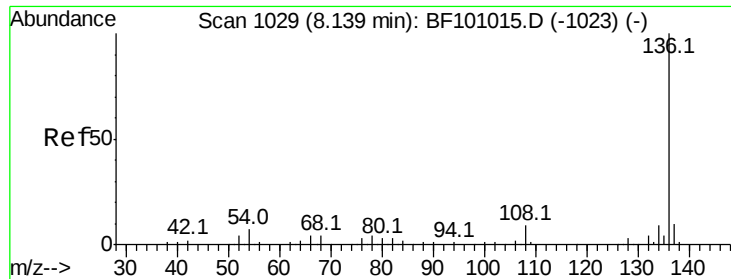
Tot Ion	70	Resp	84990
Ion Ratio	Lower	Upper	
70	100		
42	66.4	47.5	71.3
101	9.8	7.4	11.2
130	20.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 41.558 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF101353.D
Acq: 13 Dec 2017 2:42

Tgt Ion	107	Resp	123004
Ion Ratio	Lower	Upper	
107	100		
108	92.2	68.2	108.2
77	136.4	26.7	66.7#
79	27.3	6.3	46.3

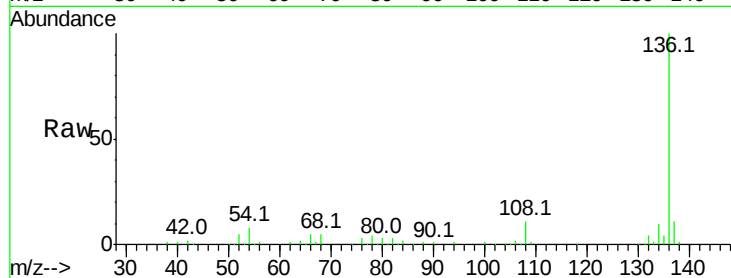




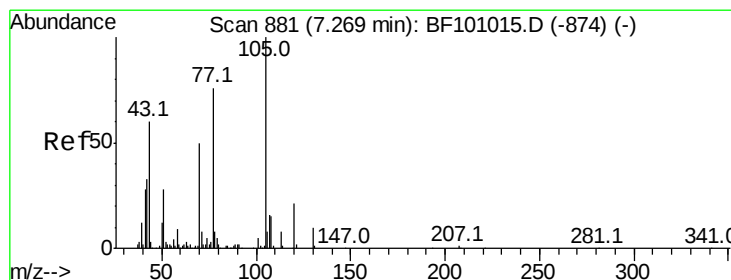
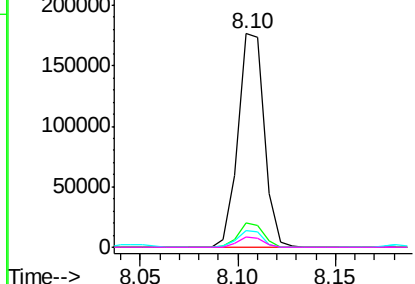
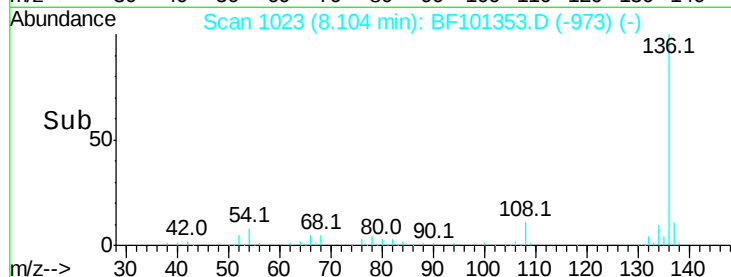
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101353.D
Acq: 13 Dec 2017 2:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	164525
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.8	6.6	9.8
68	5.0	5.0	7.4

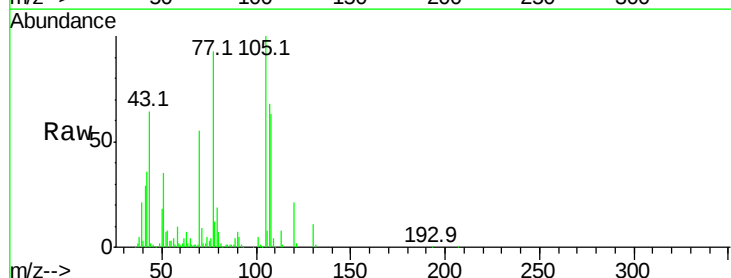


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

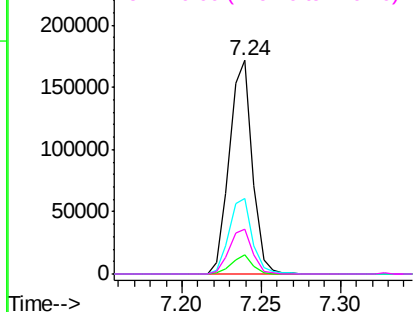
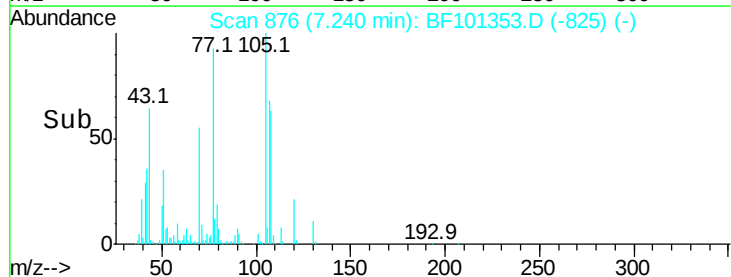


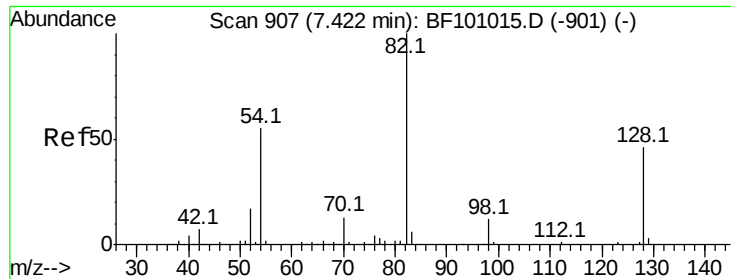
#22
Acetophenone
Concen: 43.306 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF101353.D
Acq: 13 Dec 2017 2:42

Tgt Ion:	105	Resp:	172134
Ion	Ratio	Lower	Upper
105	100		
71	9.2	4.4	6.6#
51	35.2	22.3	33.5#
120	20.8	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

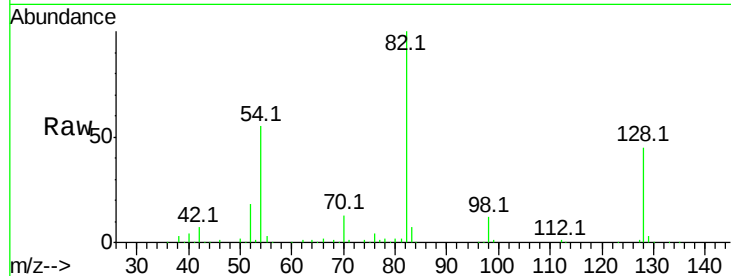




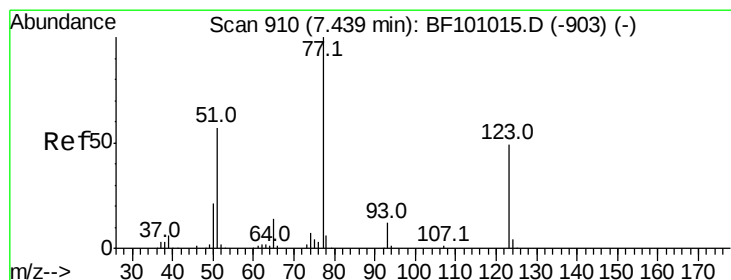
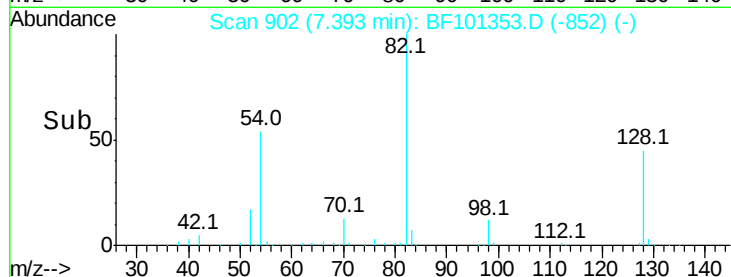
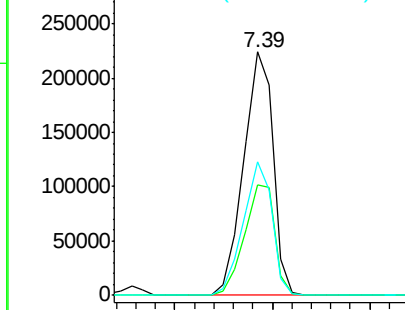
#23
 Nitrobenzene-d5
 Concen: 84.726 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF101353.D
 Acq: 13 Dec 2017 2:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	233678
Ion Ratio	100	Lower	Upper
128	45.4	36.1	54.1
54	54.7	41.4	62.2

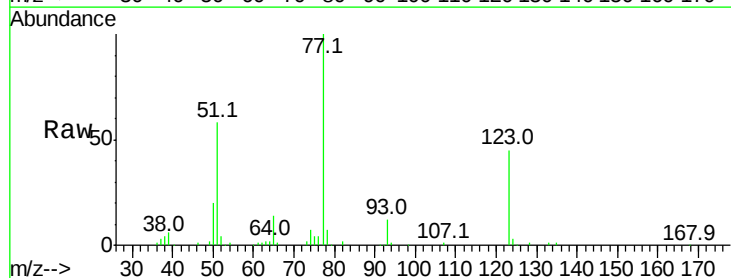


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

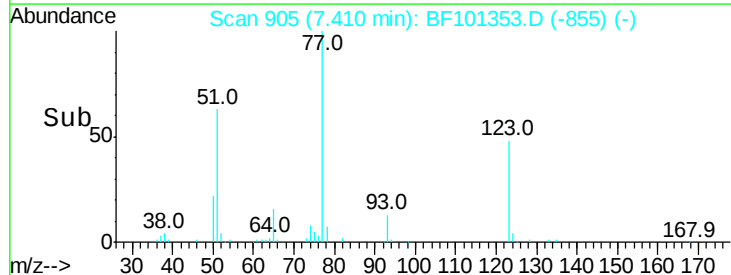
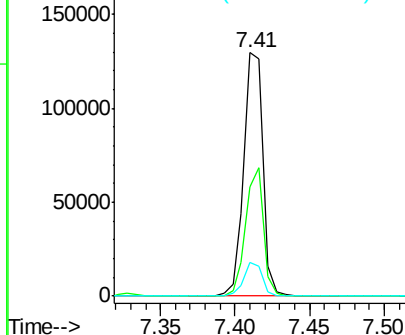


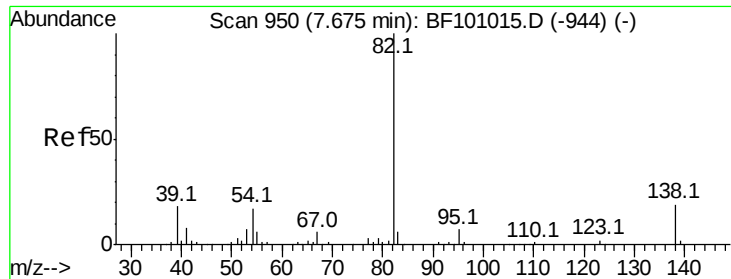
#24
 Nitrobenzene
 Concen: 43.034 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF101353.D
 Acq: 13 Dec 2017 2:42

Tgt Ion	77	Resp	116323
Ion Ratio	100	Lower	Upper
123	45.0	37.9	56.9
65	13.9	11.0	16.4



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





#25

Isophorone

Concen: 41.536 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

Instrument :

BNA_F

ClientSampleId :

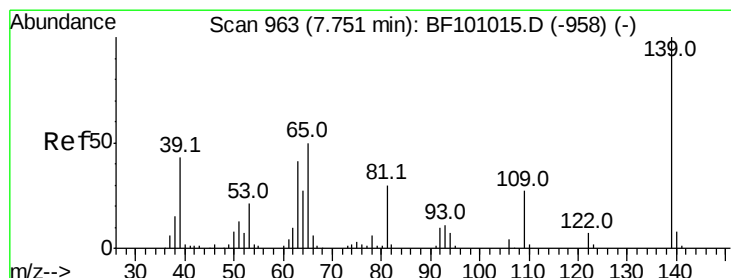
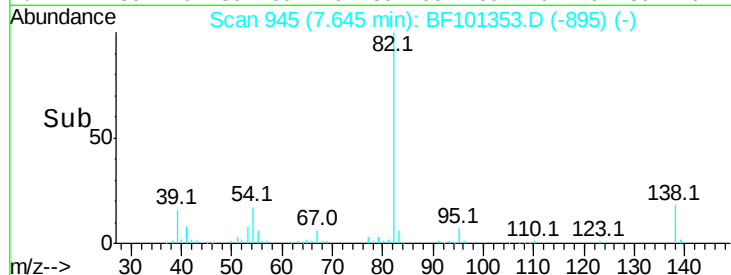
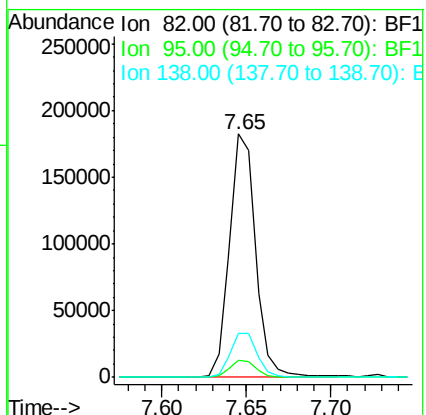
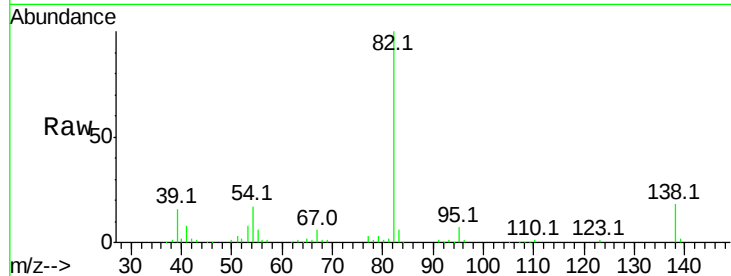
Tot Ion: 82 Resp: 195676

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 18.3 14.9 22.3



#26

2-Nitrophenol

Concen: 35.533 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

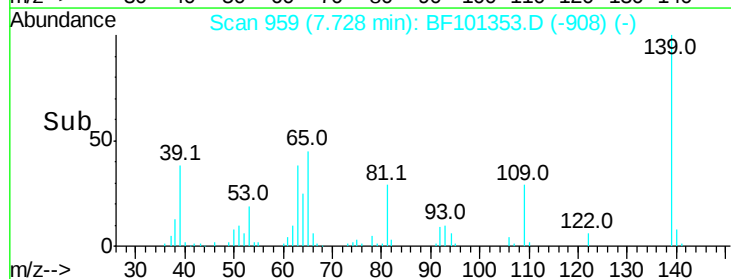
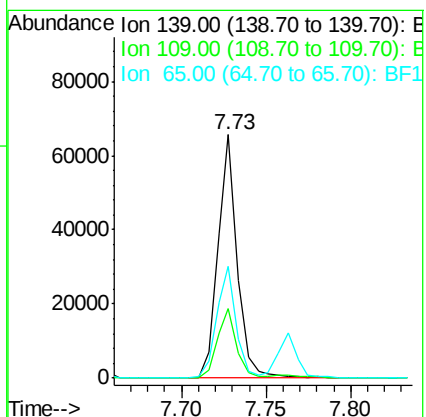
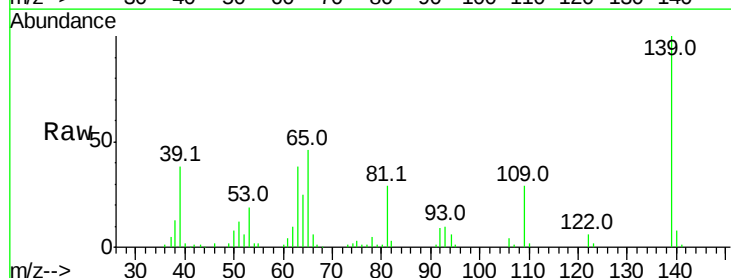
Tgt Ion: 139 Resp: 52726

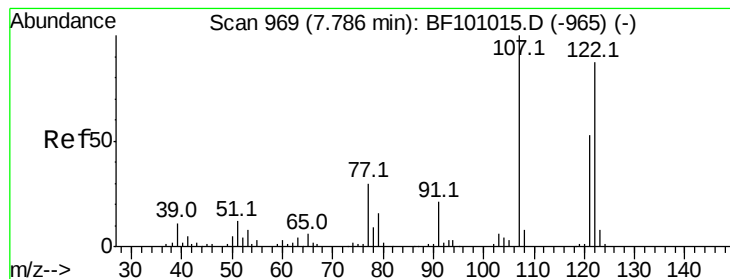
Ion Ratio Lower Upper

139 100

109 28.7 22.7 34.1

65 46.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 43.670 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

Instrument :

BNA_F

ClientSampleId :

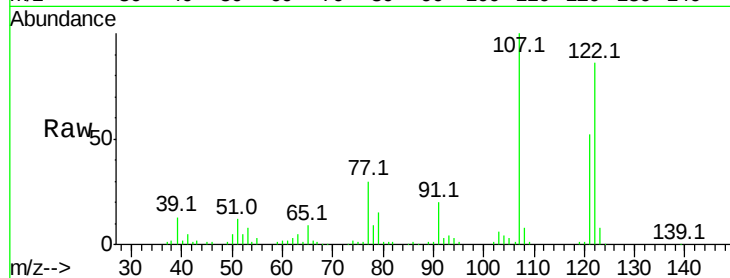
Tot Ion:122 Resp: 93739

Ion Ratio Lower Upper

122 100

107 116.3 91.2 136.8

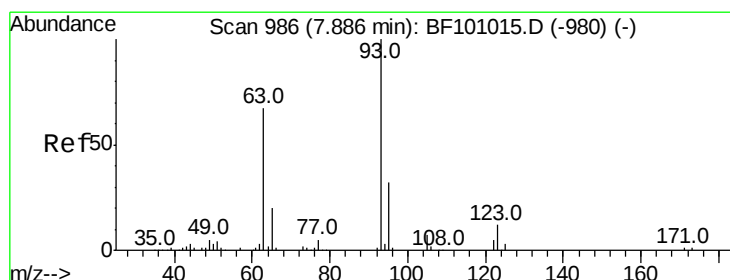
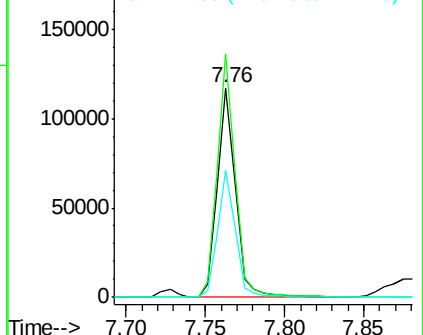
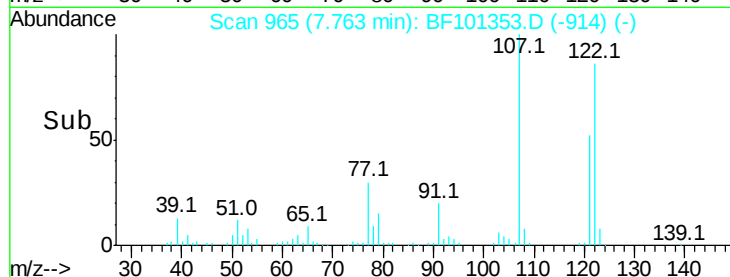
121 60.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.283 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

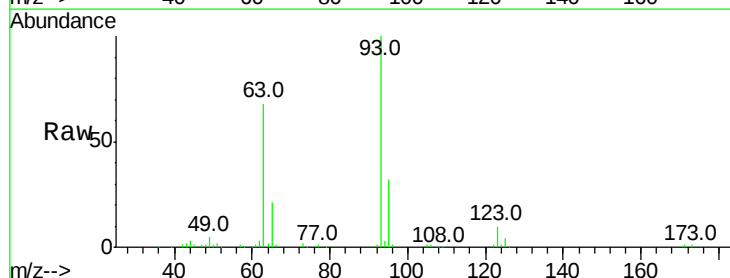
Tgt Ion: 93 Resp: 137046

Ion Ratio Lower Upper

93 100

95 31.7 26.3 39.5

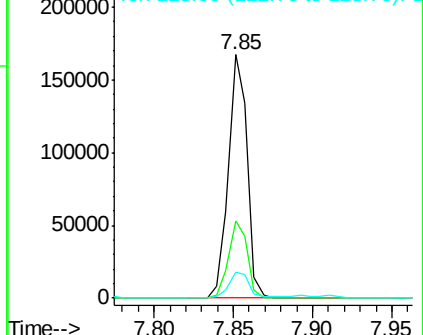
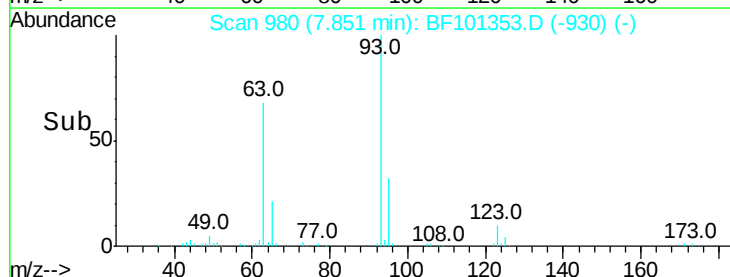
123 10.5 9.8 14.6

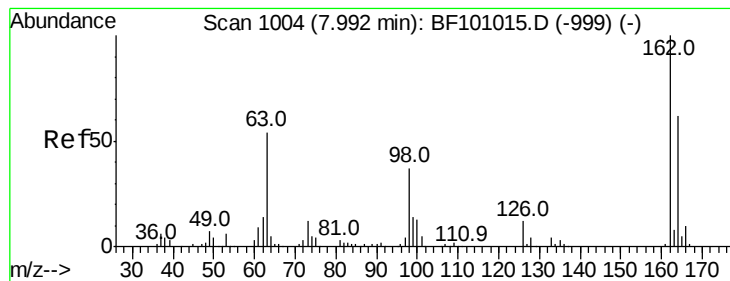


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.719 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.01 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

Instrument :

BNA_F

ClientSampleId :

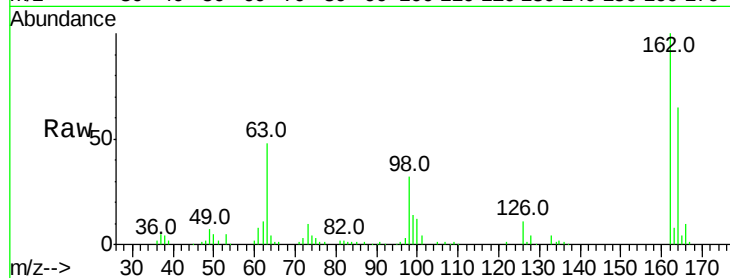
Tot Ion:162 Resp: 97477

Ion Ratio Lower Upper

162 100

164 64.5 42.7 82.7

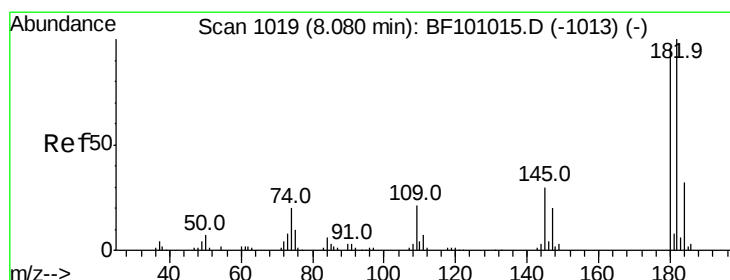
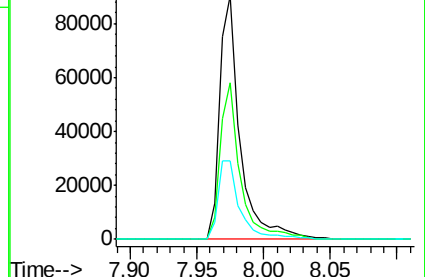
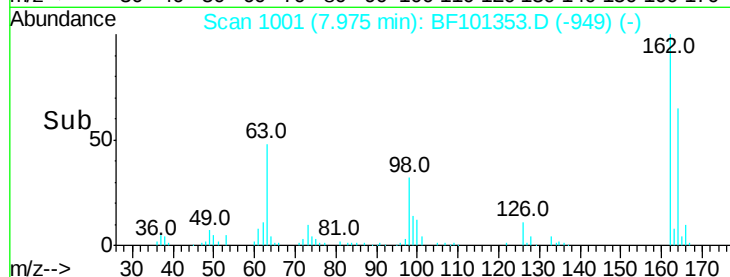
98 32.2 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 42.649 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

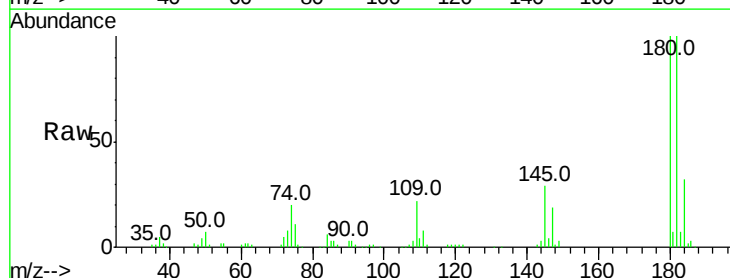
Tgt Ion:180 Resp: 109575

Ion Ratio Lower Upper

180 100

182 99.6 76.8 115.2

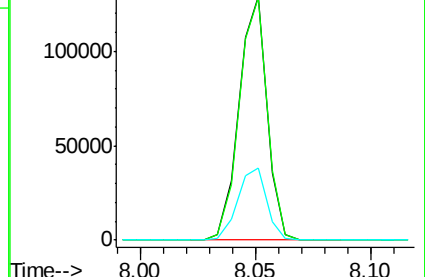
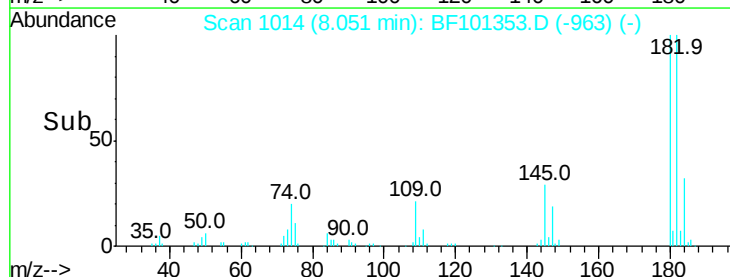
145 29.5 26.5 39.7

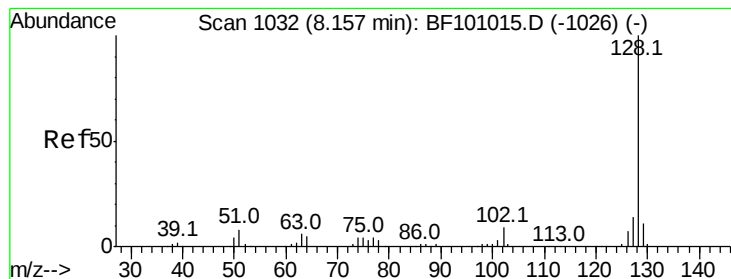


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.216 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

Instrument :

BNA_F

ClientSampleId :

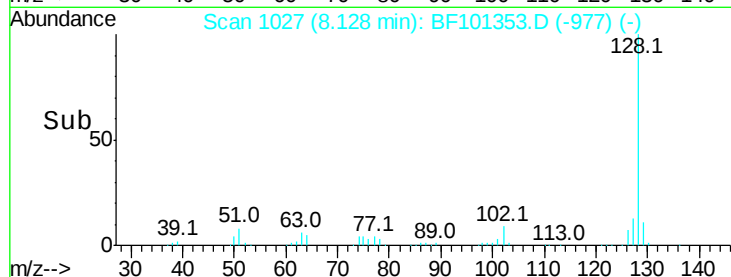
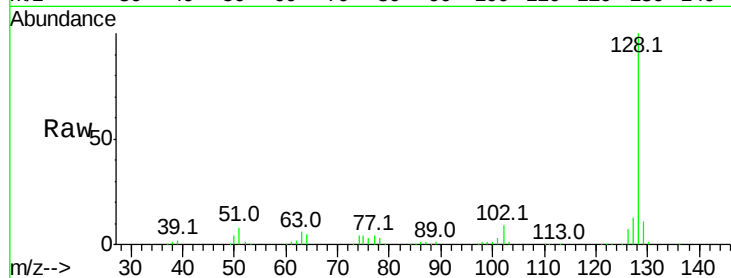
Tot Ion:128 Resp: 334207

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

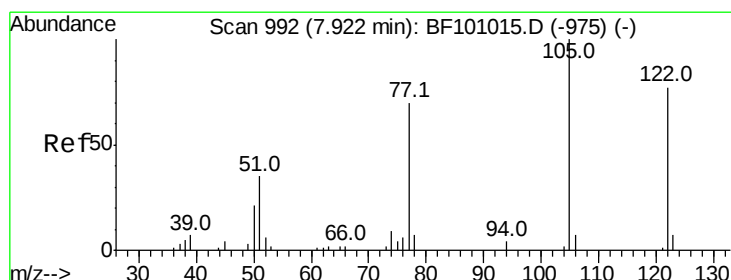
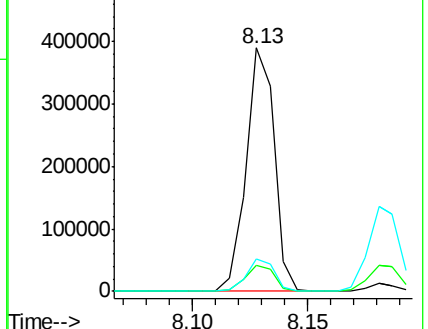
127 13.1 10.9 16.3



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: 34.568 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

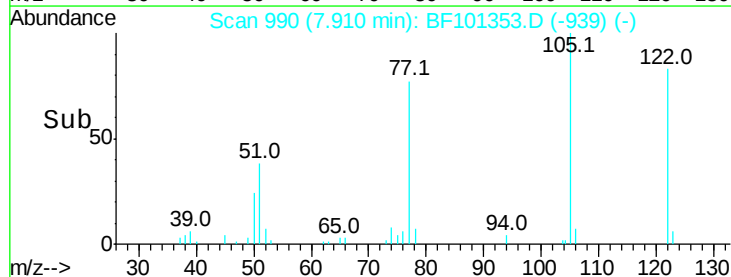
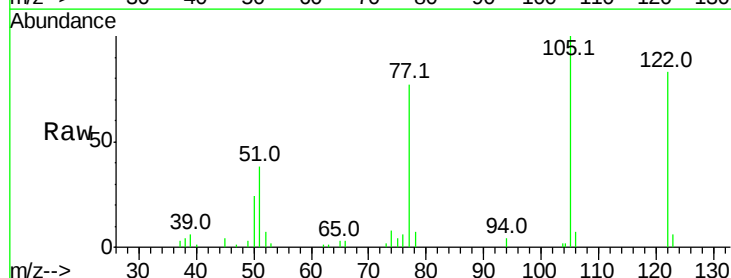
Tgt Ion:122 Resp: 57712

Ion Ratio Lower Upper

122 100

105 120.0 101.1 141.1

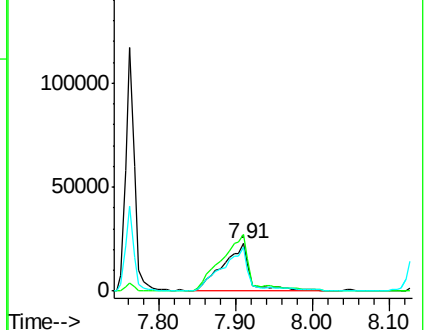
77 92.7 70.7 110.7

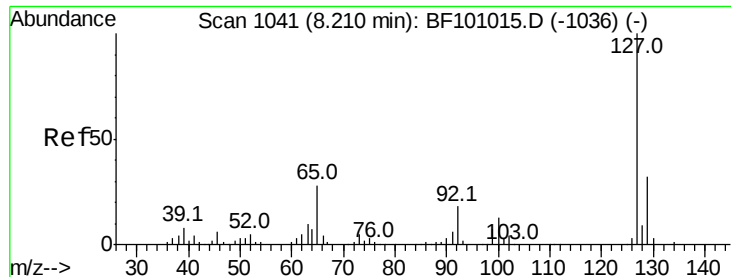


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

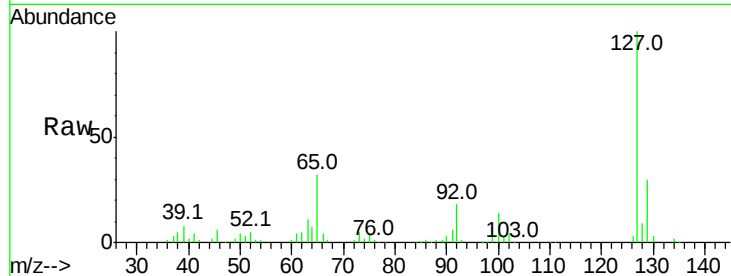




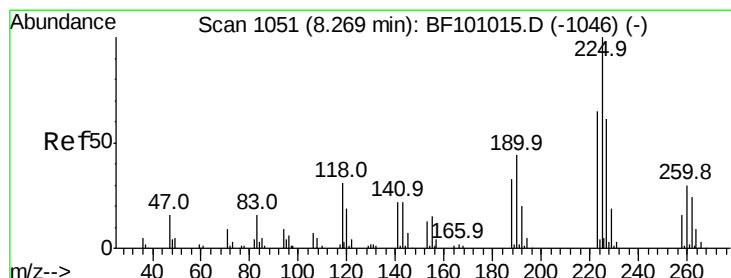
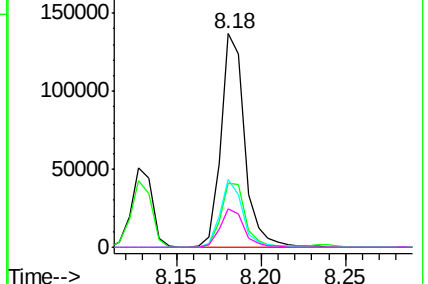
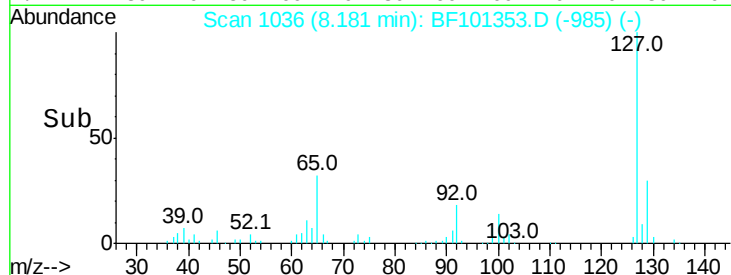
#33
 4-Chloroaniline
 Concen: 41.249 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF101353.D
 Acq: 13 Dec 2017 2:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	134391
Ion	Ratio	Lower	Upper
127	100		
129	30.2	25.9	38.9
65	32.0	25.0	37.4
92	18.2	15.2	22.8

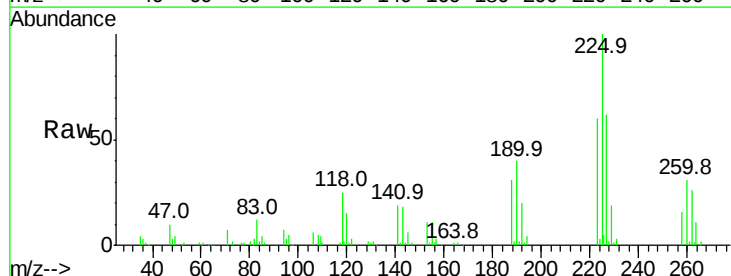


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

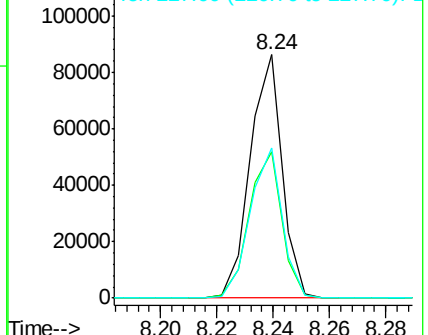
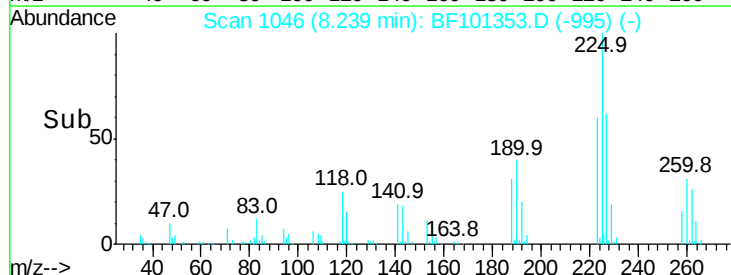


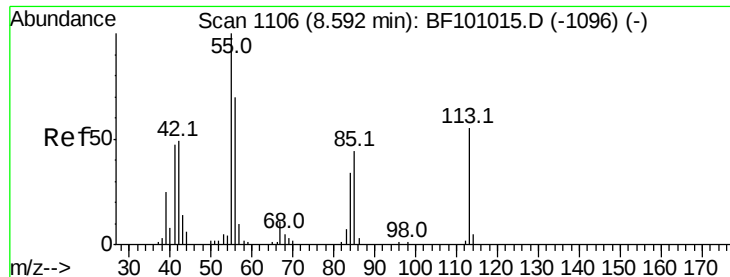
#34
 Hexachlorobutadiene
 Concen: 43.089 ng
 RT: 8.24 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF101353.D
 Acq: 13 Dec 2017 2:42

Tgt Ion:	225	Resp:	67898
Ion	Ratio	Lower	Upper
225	100		
223	60.1	50.6	76.0
227	61.6	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

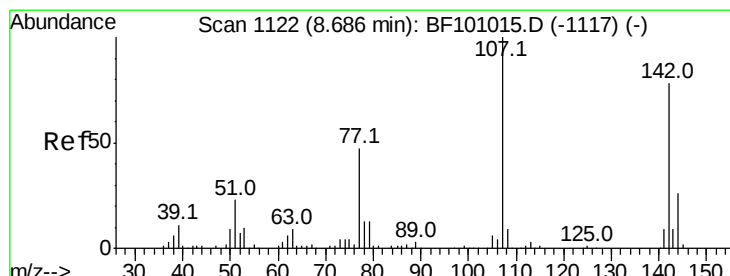
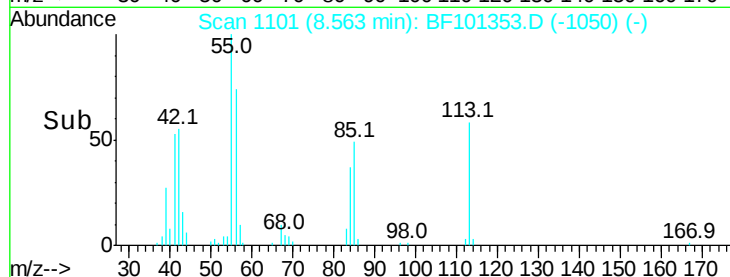
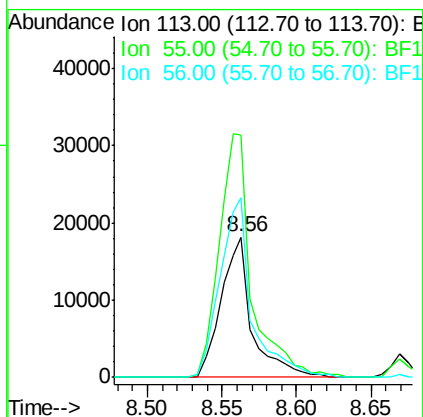
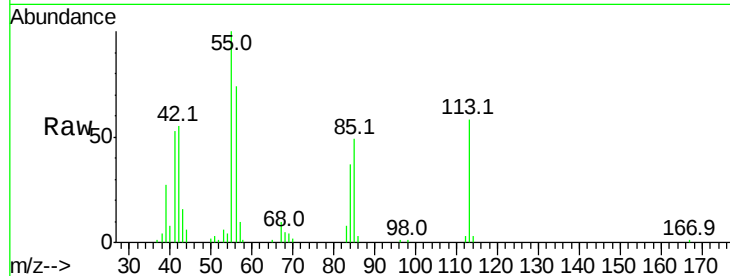




#35
 Caprolactam
 Concen: 36.149 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF101353.D
 Acq: 13 Dec 2017 2:42

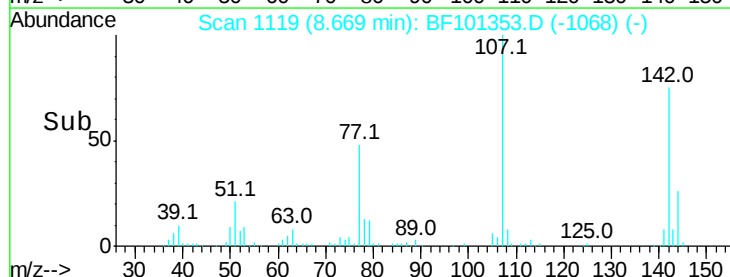
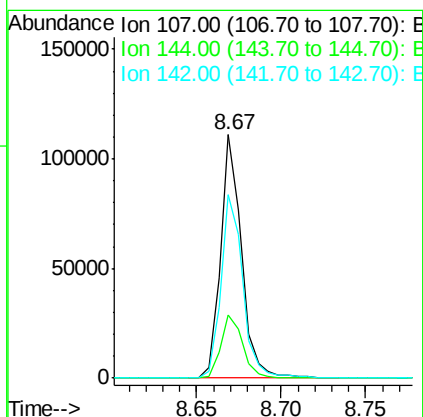
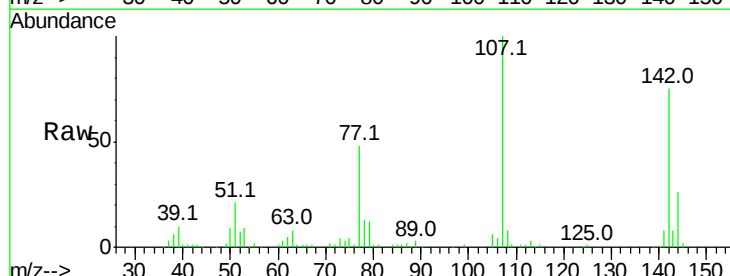
Instrument :
 BNA_F
 ClientSampled :

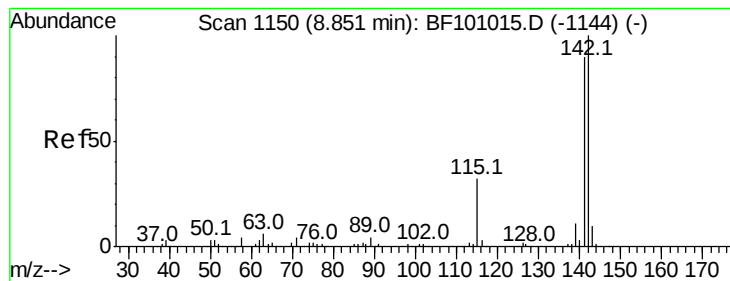
Tot Ion:113 Resp: 26322
 Ion Ratio Lower Upper
 113 100
 55 173.1 163.3 203.3
 56 128.5 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.749 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.00 min
 Lab File: BF101353.D
 Acq: 13 Dec 2017 2:42

Tgt Ion:107 Resp: 96204
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.5 30.7
 142 75.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 39.524 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

Instrument :

BNA_F

ClientSampleId :

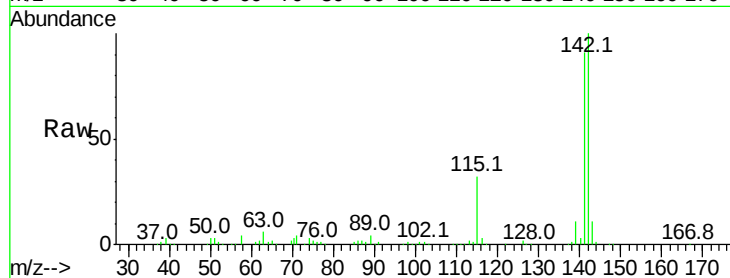
Tot Ion:142 Resp: 217767

Ion Ratio Lower Upper

142 100

141 91.4 70.8 106.2

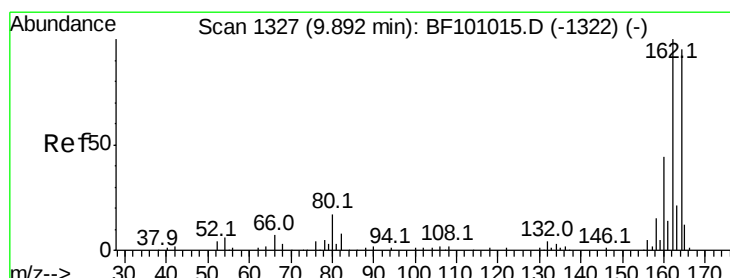
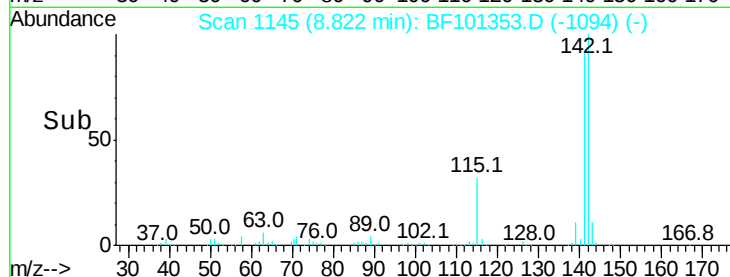
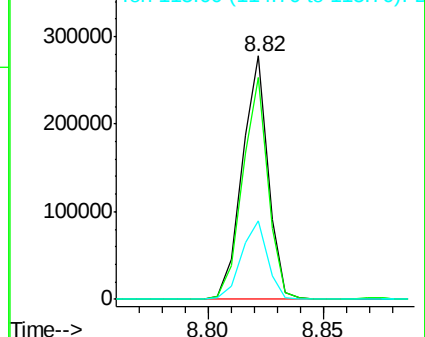
115 32.1 26.1 39.1



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# 1322

Delta R.T. -0.01 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

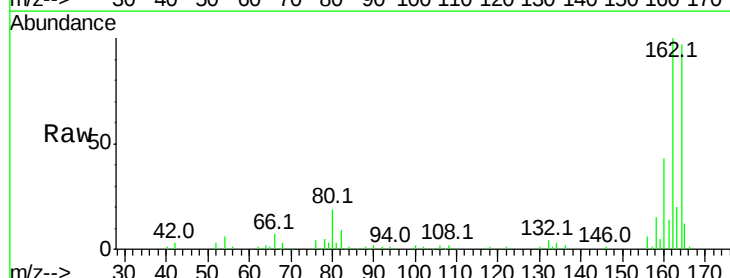
Tgt Ion:164 Resp: 70329

Ion Ratio Lower Upper

164 100

162 102.9 86.1 129.1

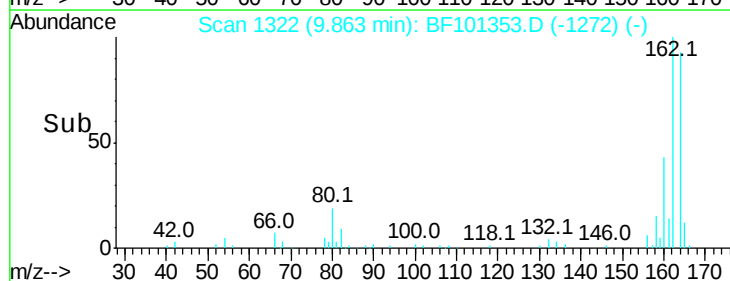
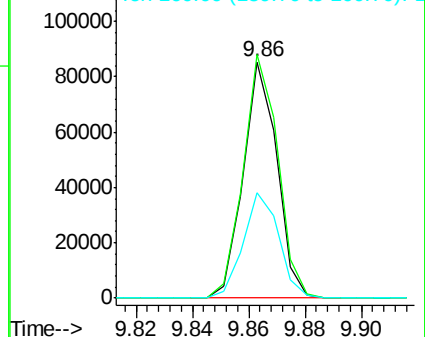
160 44.3 38.3 57.5

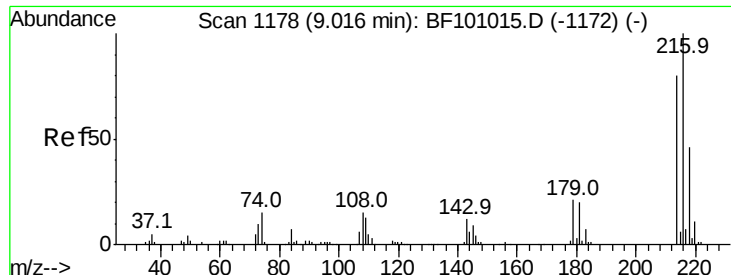


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

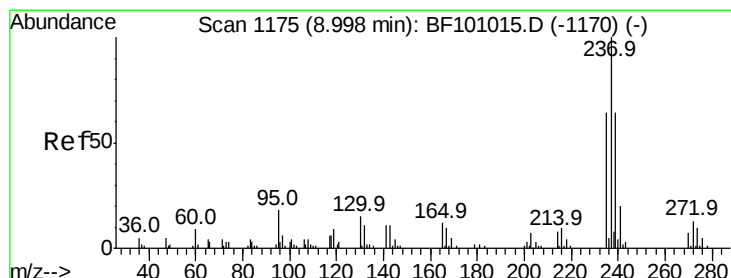
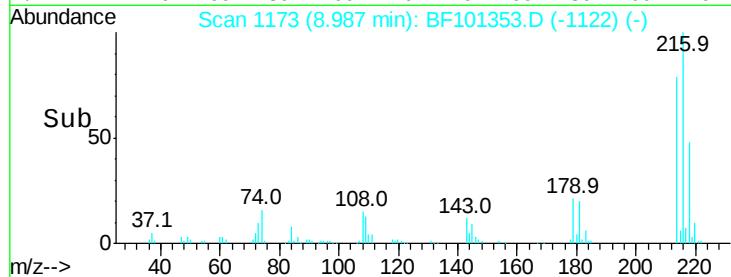
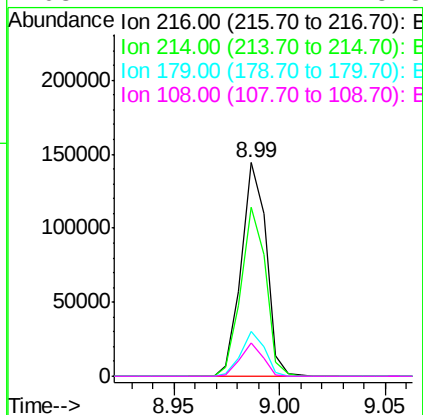
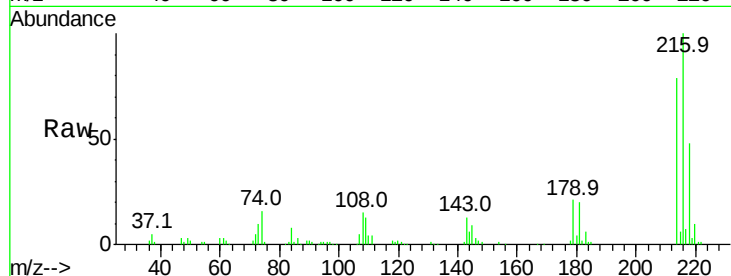




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.194 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF101353.D
 Acq: 13 Dec 2017 2:42

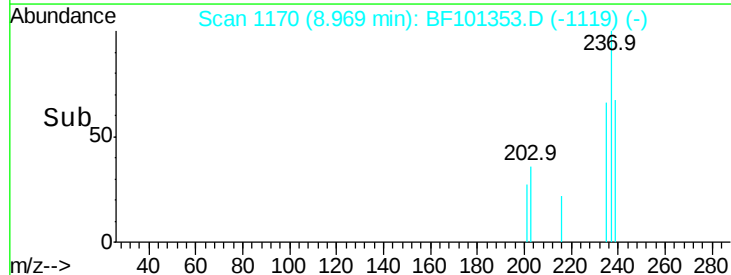
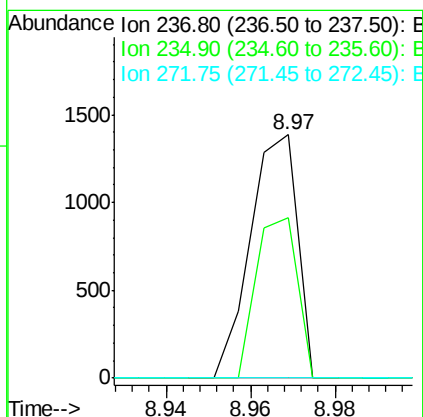
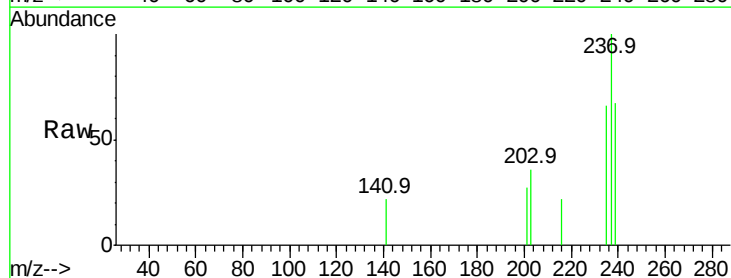
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	118022
Ion Ratio	Lower	Upper	
216	100		
214	77.9	63.0	94.4
179	20.0	18.1	27.1
108	14.1	17.2	25.8#



#40
 Hexachlorocyclopentadiene
 Concen: 9.211 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF101353.D
 Acq: 13 Dec 2017 2:42

Tgt Ion:	237	Resp:	1078
Ion Ratio	Lower	Upper	
237	100		
235	66.1	44.8	84.8
272	0.0	0.0	33.3

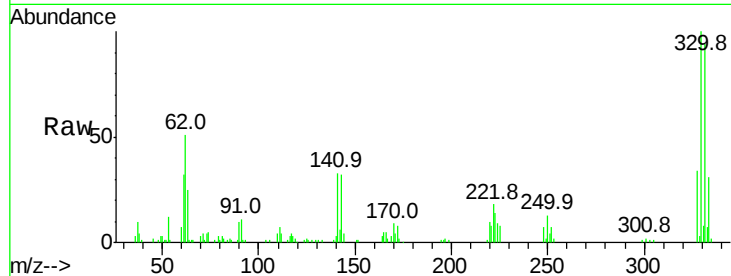




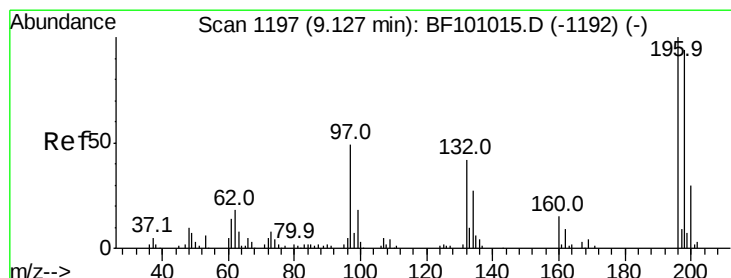
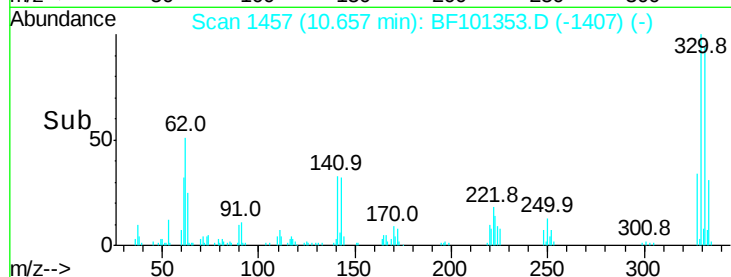
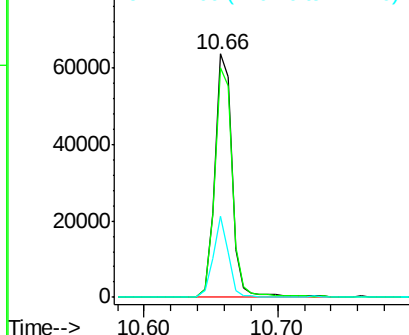
#41
 2,4,6-Tribromophenol
 Concen: 69.443 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF101353.D
 Acq: 13 Dec 2017 2:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 58669
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 28.8 29.9 44.9#

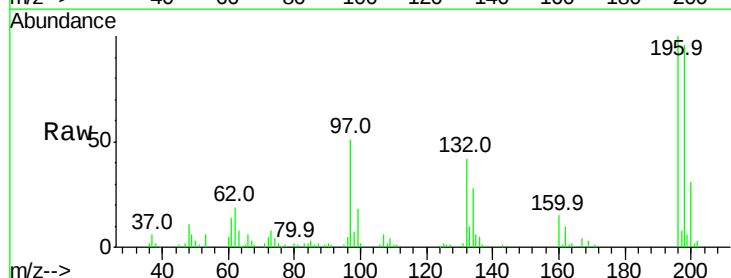


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

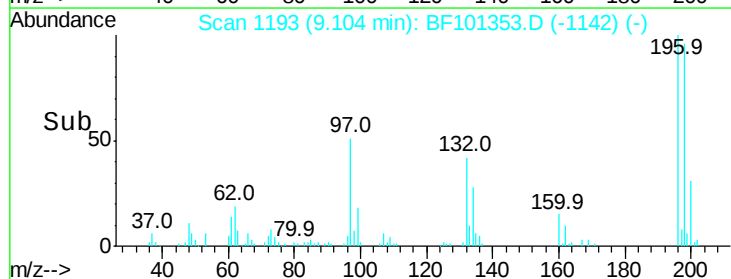
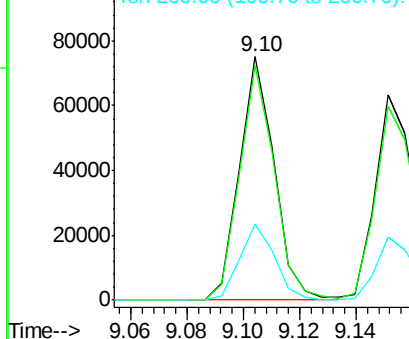


#42
 2,4,6-Trichlorophenol
 Concen: 43.010 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF101353.D
 Acq: 13 Dec 2017 2:42

Tgt Ion:196 Resp: 64416
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.7 113.5
 200 31.4 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

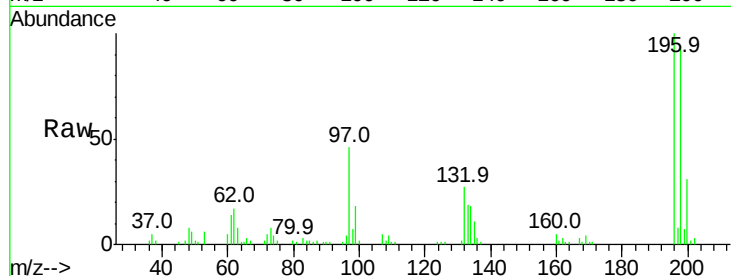




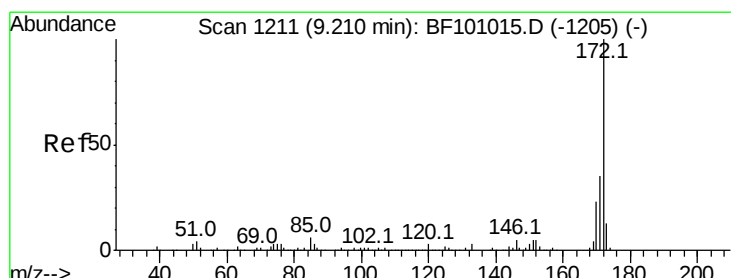
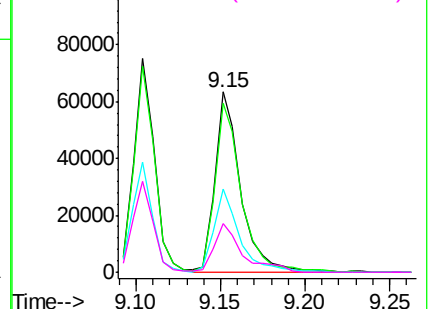
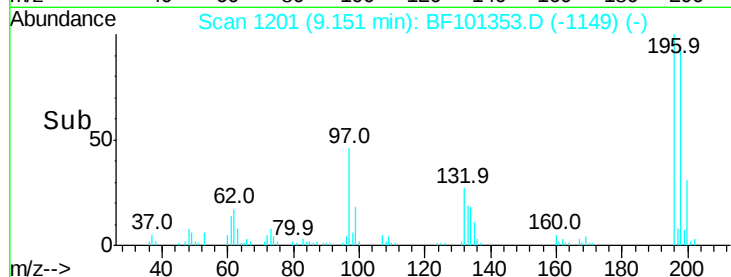
#43
 2,4,5-Trichlorophenol
 Concen: 42.391 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF101353.D
 Acq: 13 Dec 2017 2:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 67876
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.6 112.0
 97 46.3 42.9 64.3
 132 26.6 26.3 39.5

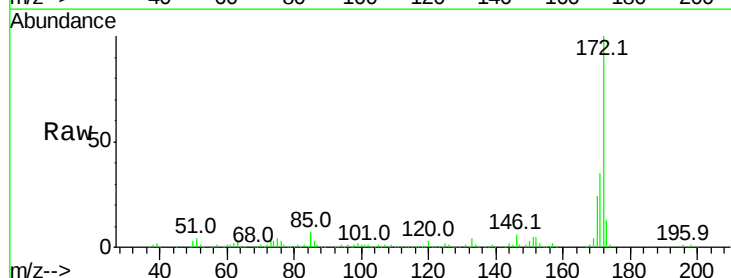


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

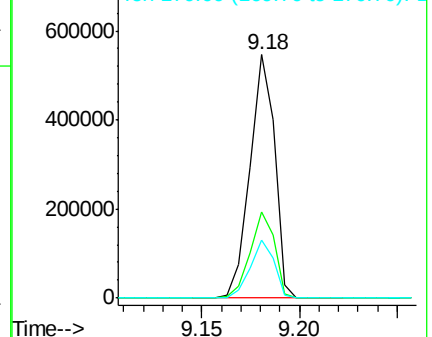
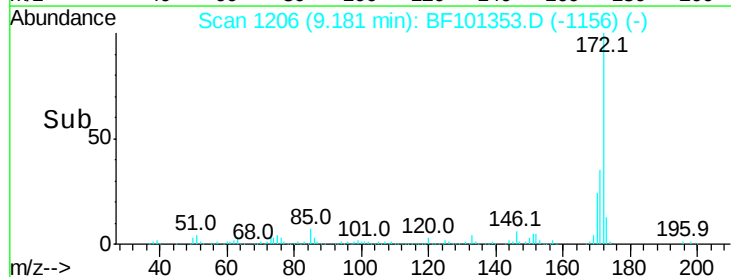


#44
 2-Fluorobiphenyl
 Concen: 93.206 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF101353.D
 Acq: 13 Dec 2017 2:42

Tgt Ion:172 Resp: 479101
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 24.0 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

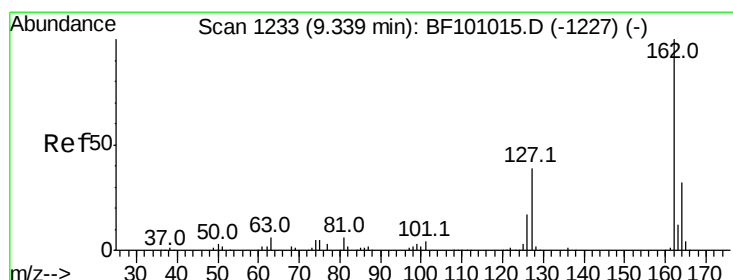
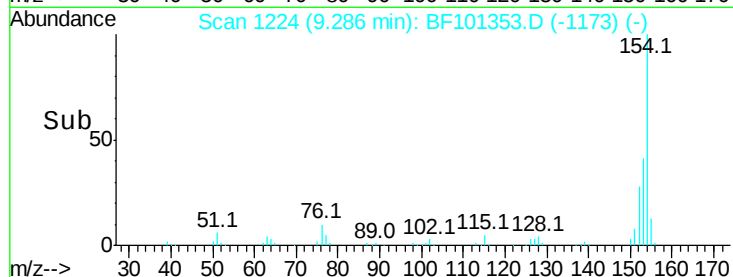
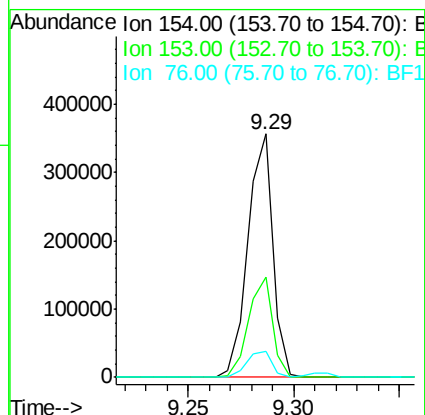
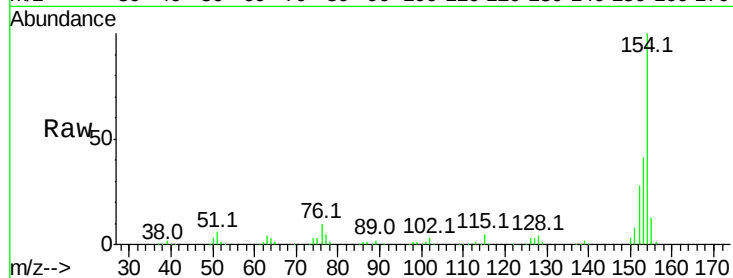




#45
1,1'-Biphenyl
Concen: 45.151 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF101353.D
Acq: 13 Dec 2017 2:42

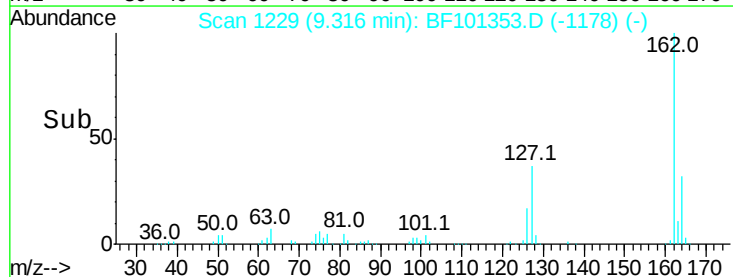
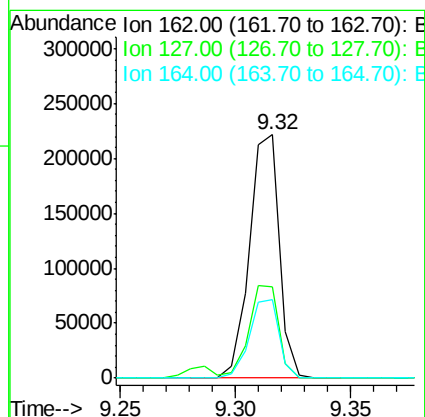
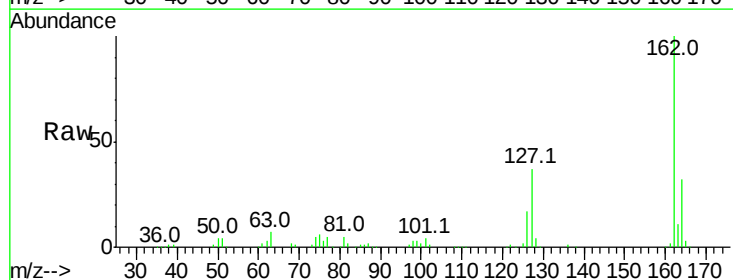
Instrument :
BNA_F
ClientSampleId :

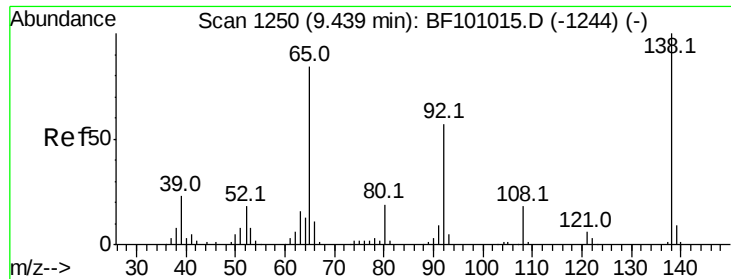
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	10.5	0.0	34.0



#46
2-Chloronaphthalene
Concen: 43.883 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF101353.D
Acq: 13 Dec 2017 2:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.4	33.9	50.9
164	32.2	26.5	39.7

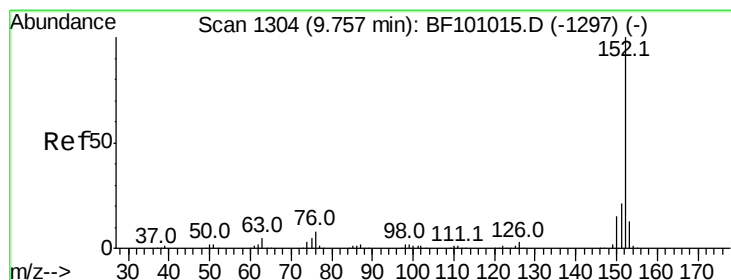
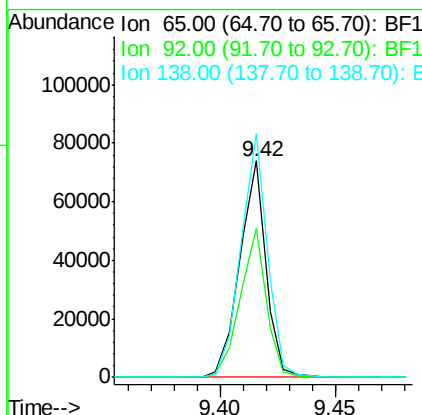
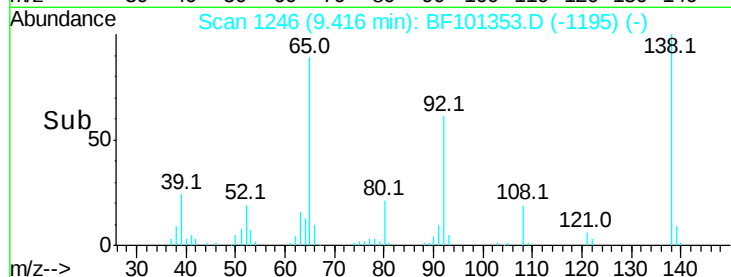
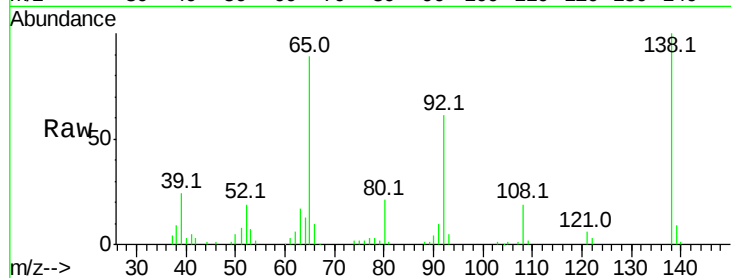




#47
2-Nitroaniline
Concen: 43.455 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF101353.D
Acq: 13 Dec 2017 2:42

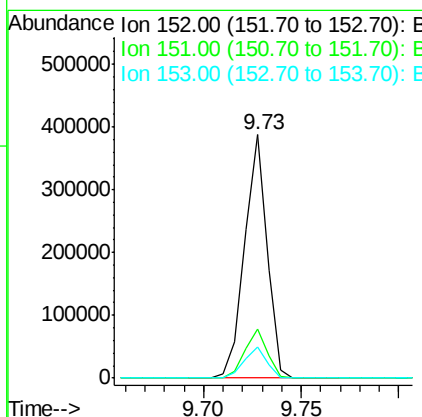
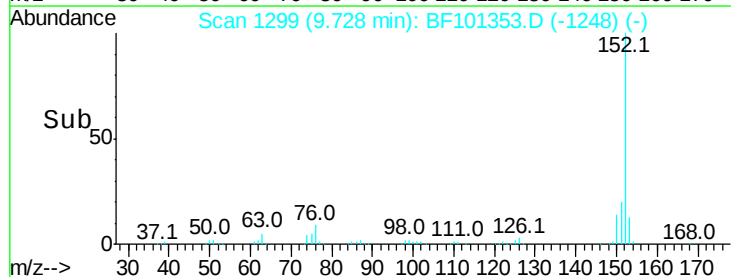
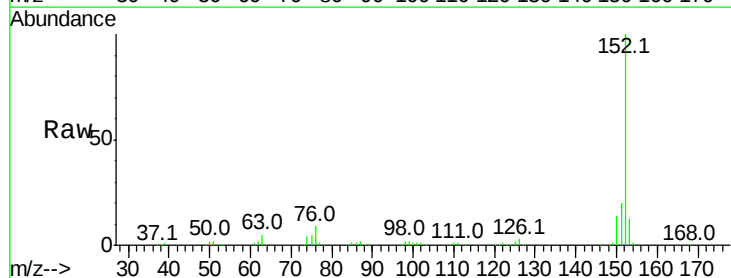
Instrument :
BNA_F
ClientSampleId :

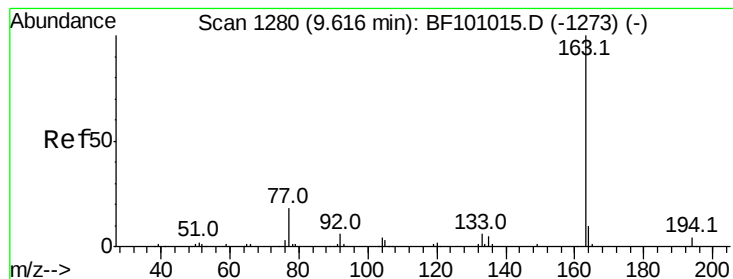
Tot Ion: 65 Resp: 58833
Ion Ratio Lower Upper
65 100
92 68.9 55.8 83.6
138 112.6 91.2 136.8



#48
Acenaphthylene
Concen: 41.281 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF101353.D
Acq: 13 Dec 2017 2:42

Tgt Ion:152 Resp: 310450
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.0 10.7 16.1





#49

Dimethylphthalate

Concen: 43.711 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

Instrument :

BNA_F

ClientSampleId :

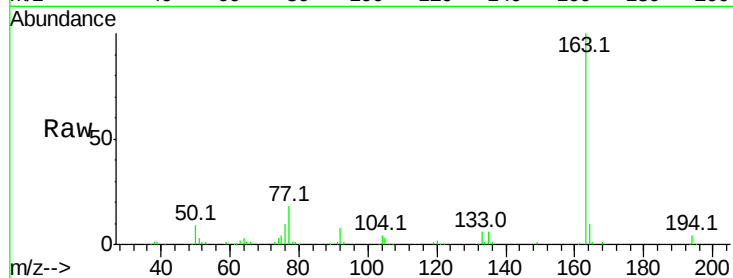
Tot Ion:163 Resp: 247926

Ion Ratio Lower Upper

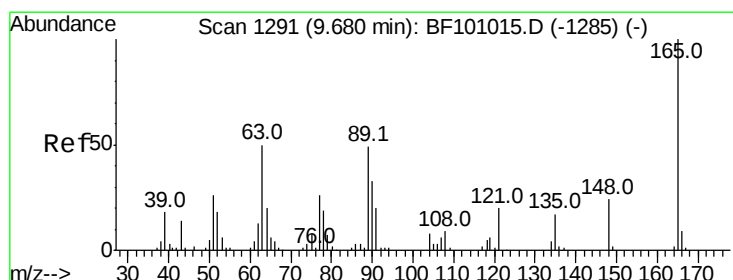
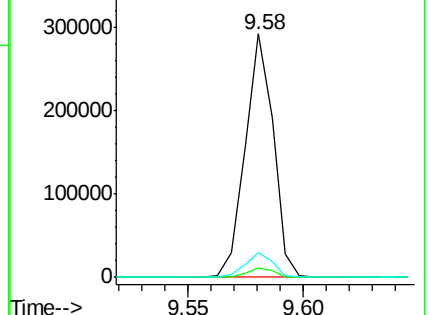
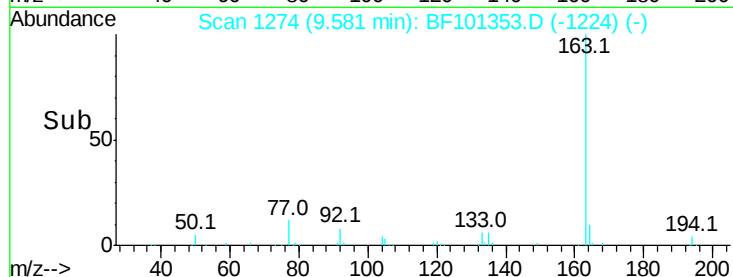
163 100

194 3.7 2.7 4.1

164 10.1 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: 38.681 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

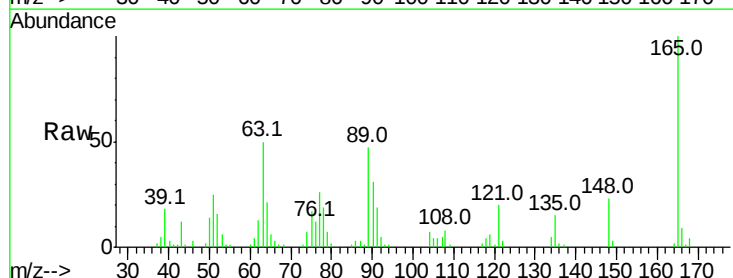
Tgt Ion:165 Resp: 46209

Ion Ratio Lower Upper

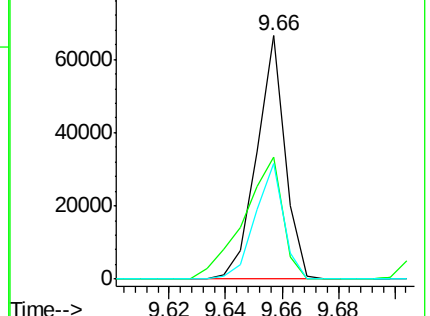
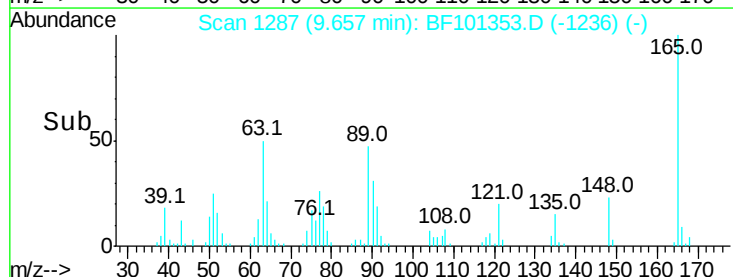
165 100

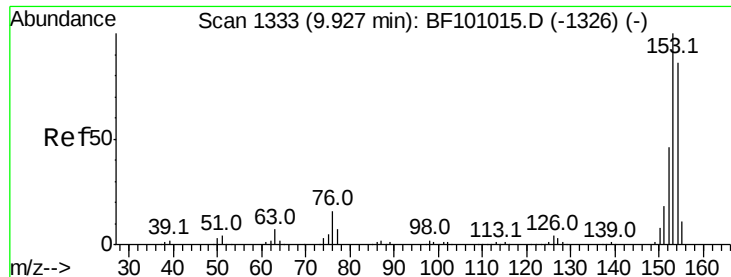
63 50.0 44.7 67.1

89 47.3 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: 41.154 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

Instrument :

BNA_F

ClientSampleId :

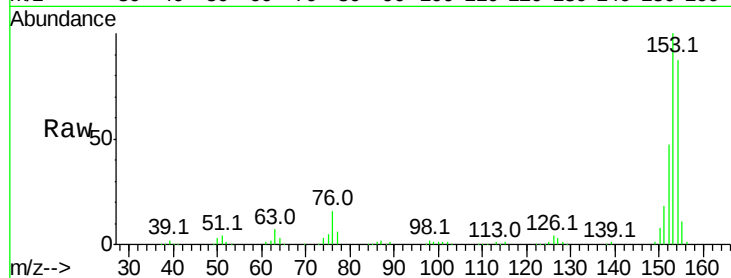
Tot Ion:154 Resp: 185320

Ion Ratio Lower Upper

154 100

153 115.0 91.2 136.8

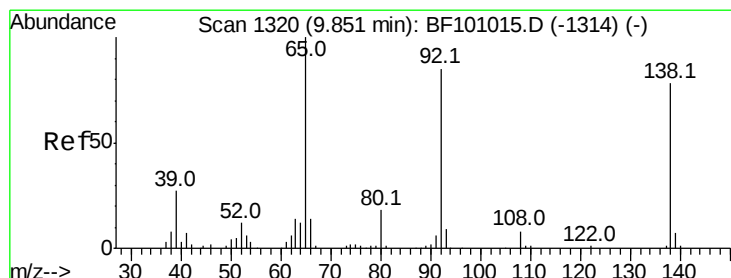
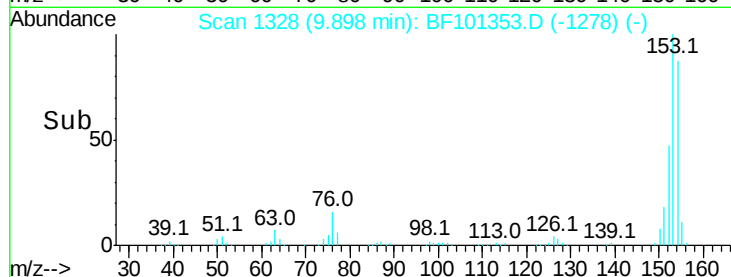
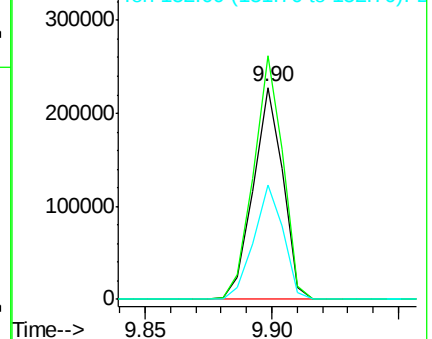
152 53.8 43.8 65.8



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: 41.665 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

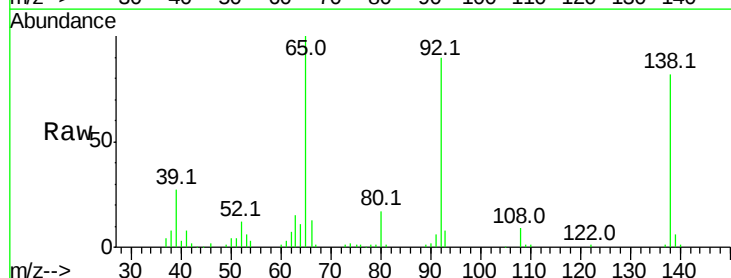
Tgt Ion:138 Resp: 55974

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.0

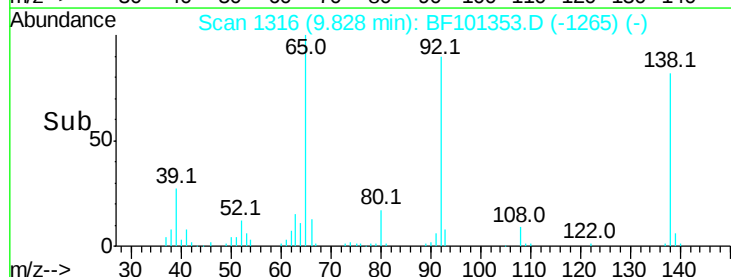
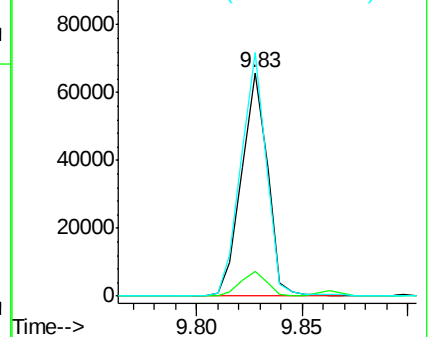
92 109.1 89.4 134.2

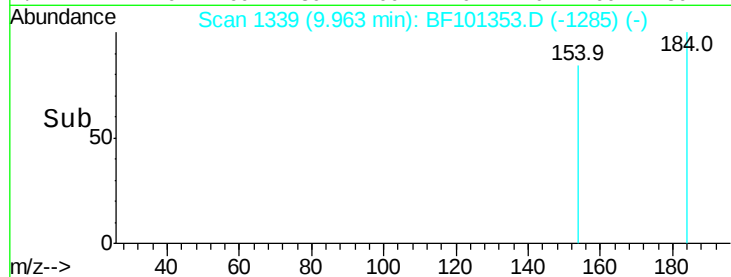
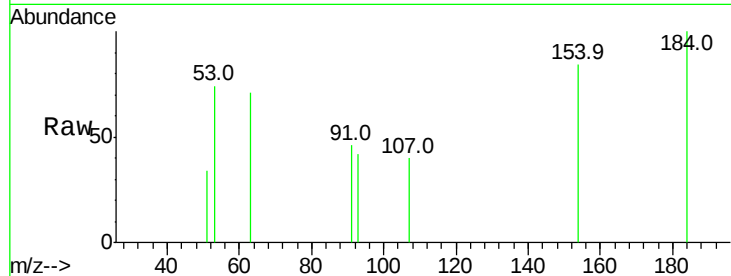
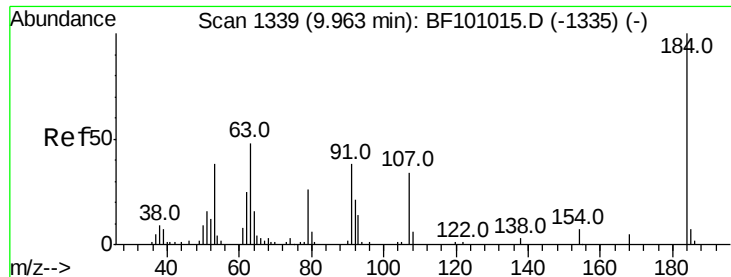


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

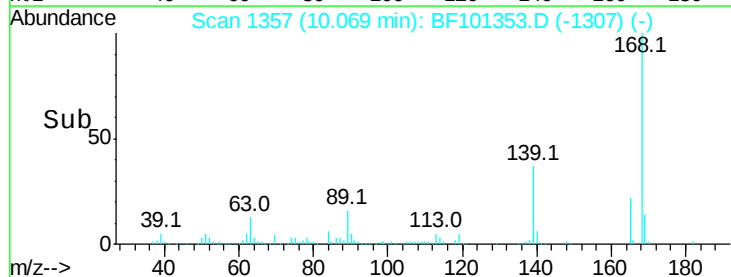
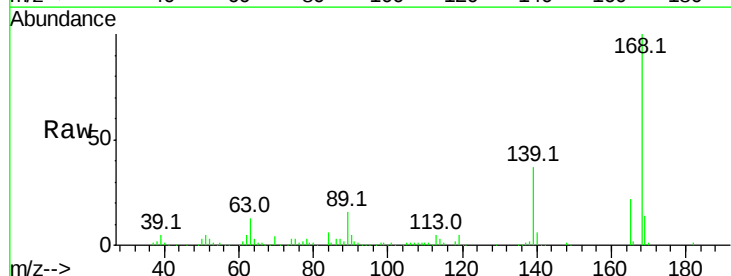
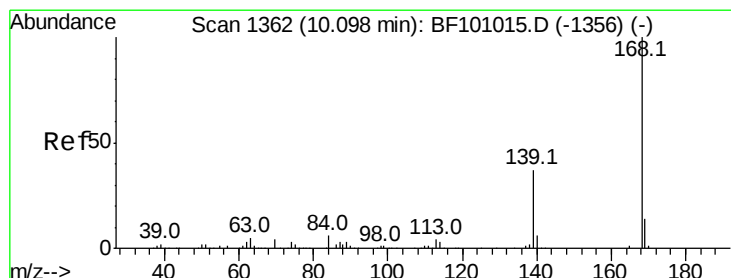
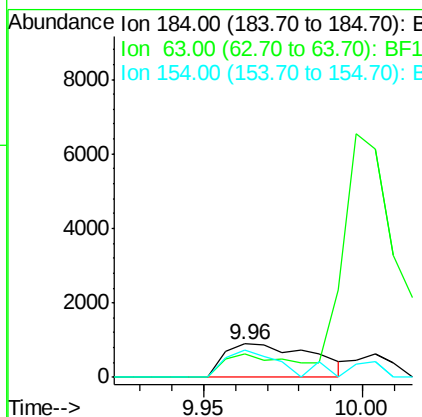




#53
2,4-Dinitrophenol
Concen: 7.458 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF101353.D
Acq: 13 Dec 2017 2:42

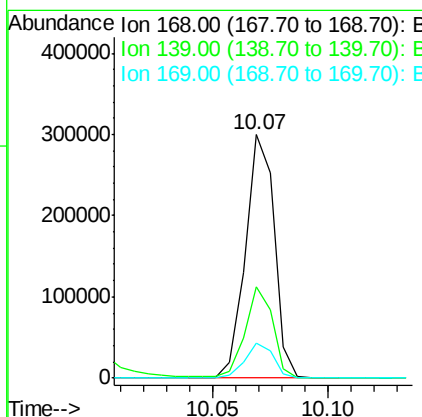
Instrument :
BNA_F
ClientSampleId :

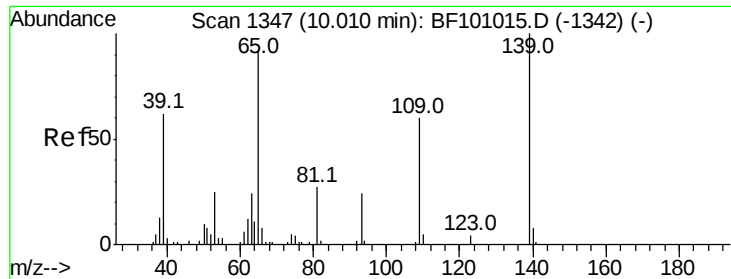
Tot Ion:184 Resp: 1720
Ion Ratio Lower Upper
184 100
63 71.3 54.2 81.2
154 83.7 184.0 276.0#



#54
Dibenzofuran
Concen: 40.390 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF101353.D
Acq: 13 Dec 2017 2:42

Tgt Ion:168 Resp: 262104
Ion Ratio Lower Upper
168 100
139 37.4 30.1 45.1
169 14.3 10.9 16.3

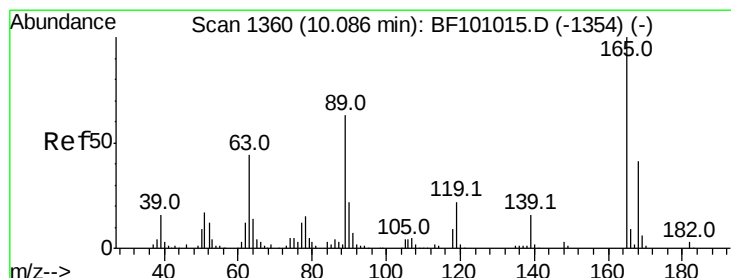
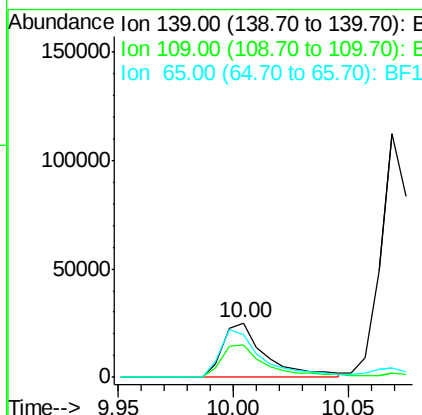
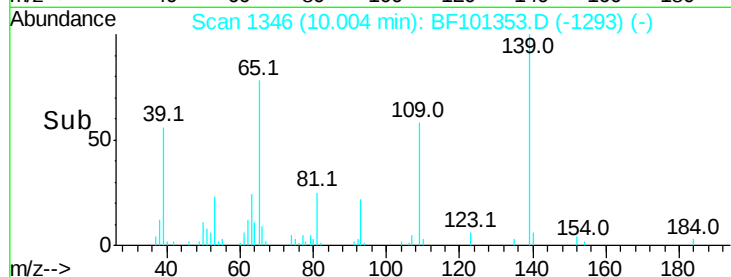
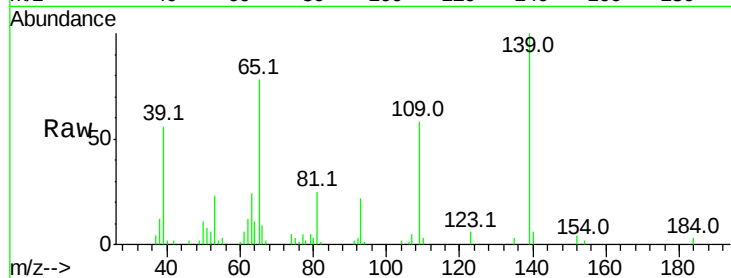




#55
4-Nitrophenol
Concen: 35.722 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF101353.D
Acq: 13 Dec 2017 2:42

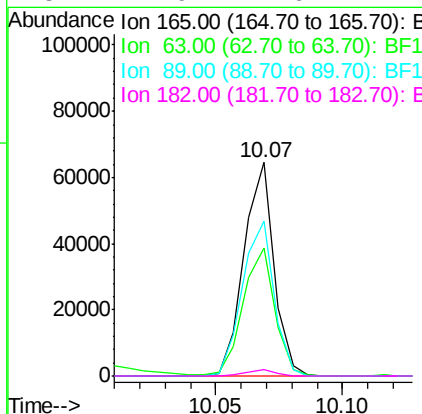
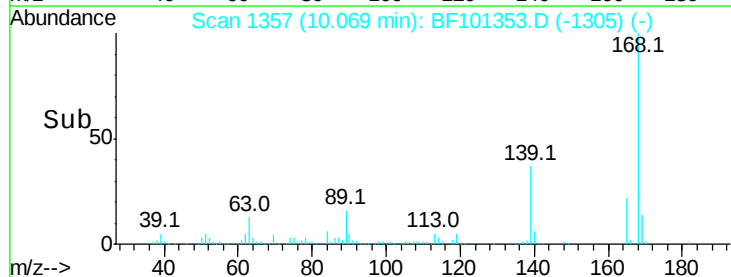
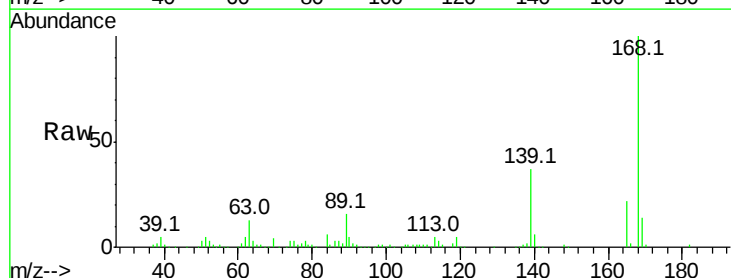
Instrument :
BNA_F
ClientSampleId :

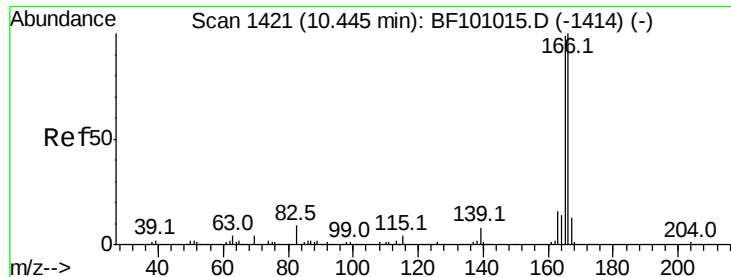
Tot Ion:139 Resp: 32365
Ion Ratio Lower Upper
139 100
109 58.3 48.4 88.4
65 77.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 33.114 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF101353.D
Acq: 13 Dec 2017 2:42

Tgt Ion:165 Resp: 53015
Ion Ratio Lower Upper
165 100
63 59.8 36.4 54.6#
89 72.4 57.8 86.6
182 2.9 1.6 2.4#





#57

Fluorene

Concen: 39.206 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

Instrument :

BNA_F

ClientSampleId :

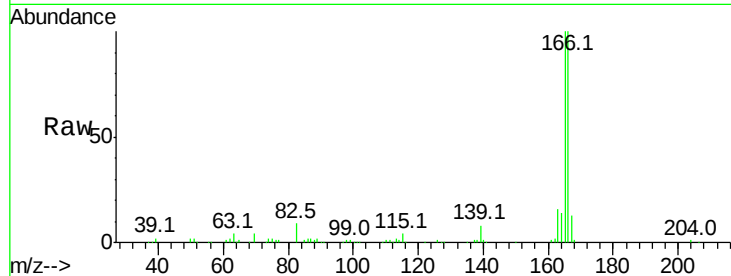
Tot Ion:166 Resp: 206825

Ion Ratio Lower Upper

166 100

165 100.4 79.8 119.8

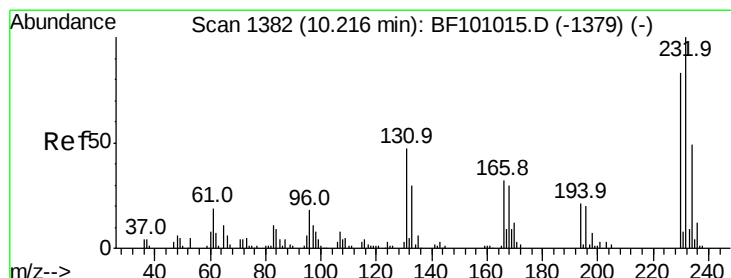
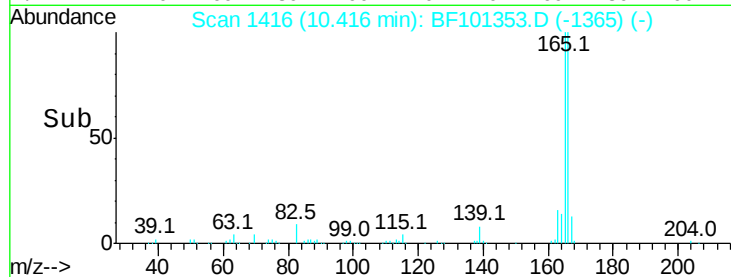
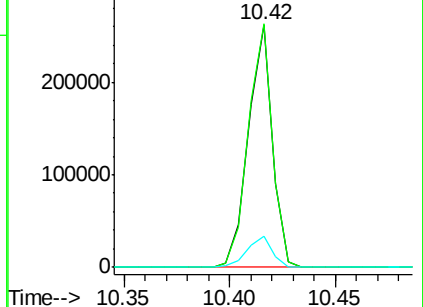
167 12.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.796 ng

RT: 10.20 min Scan# 1379

Delta R.T. 0.01 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

Tgt Ion:232 Resp: 47174

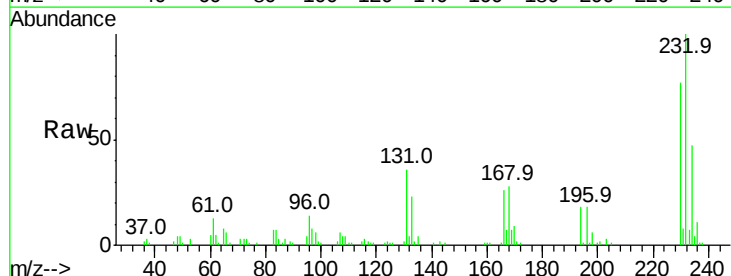
Ion Ratio Lower Upper

232 100

131 39.9 43.8 65.8#

130 1.9 2.1 3.1#

166 28.2 27.8 41.6

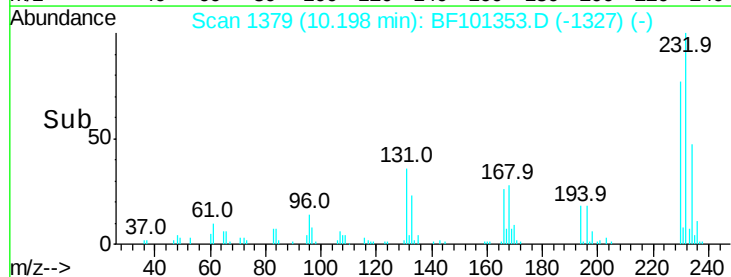
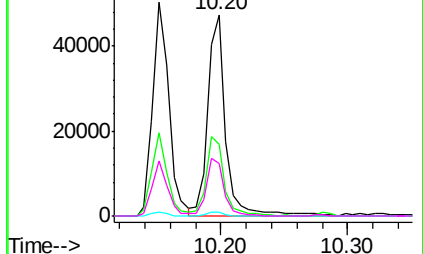


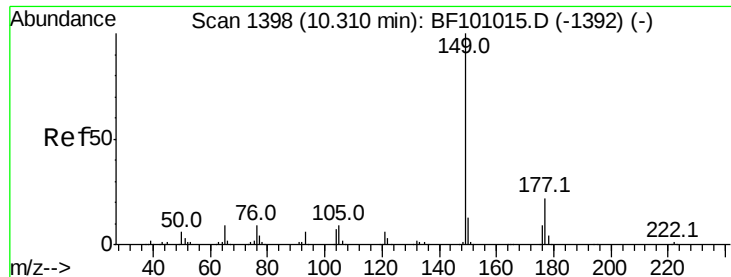
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

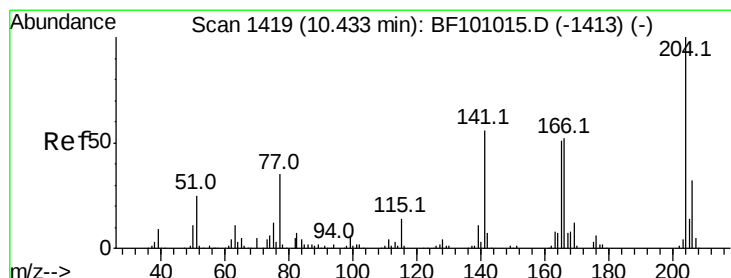
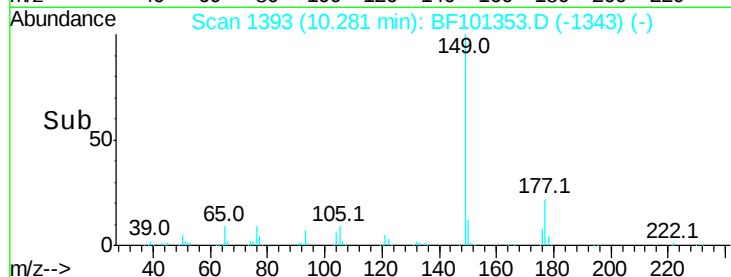
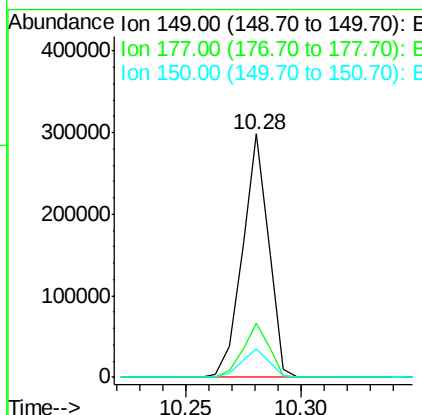
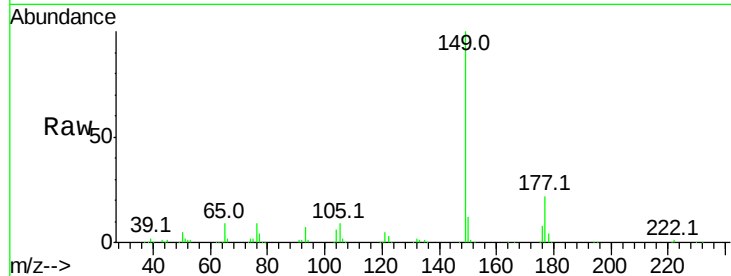




#59
Diethylphthalate
Concen: 41.834 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF101353.D
Acq: 13 Dec 2017 2:42

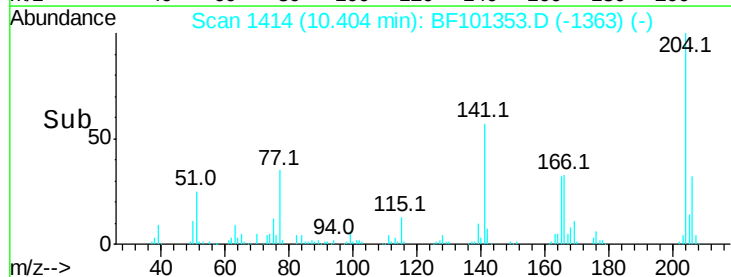
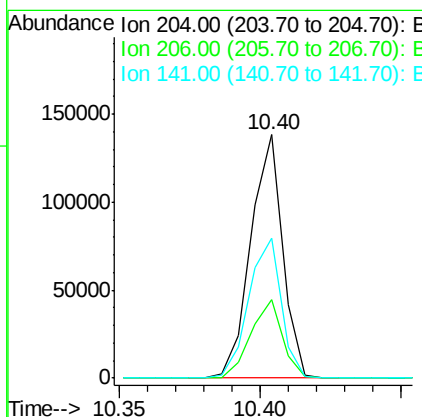
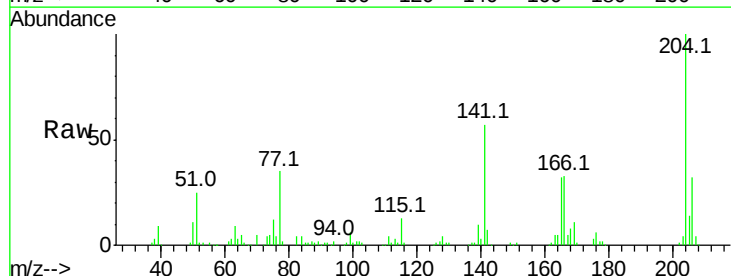
Instrument :
BNA_F
ClientSampleId :

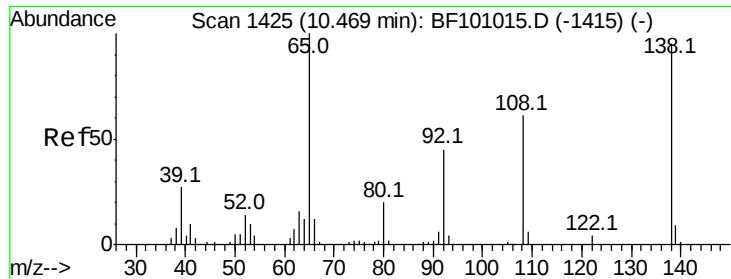
Tot Ion:149 Resp: 234038
Ion Ratio Lower Upper
149 100
177 22.5 16.1 24.1
150 11.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.576 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF101353.D
Acq: 13 Dec 2017 2:42

Tgt Ion:204 Resp: 108291
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 57.5 54.6 81.8

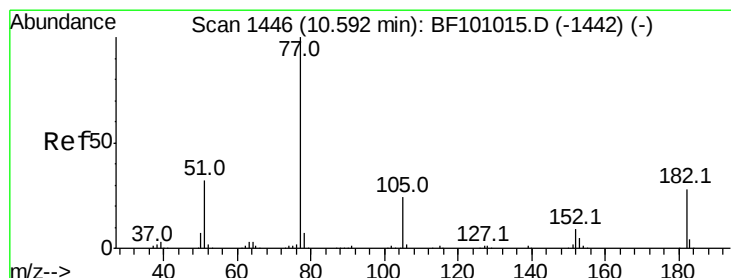
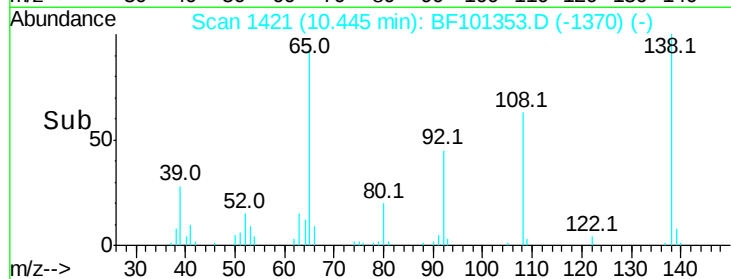
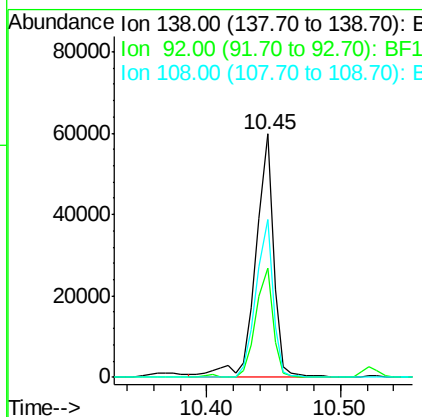
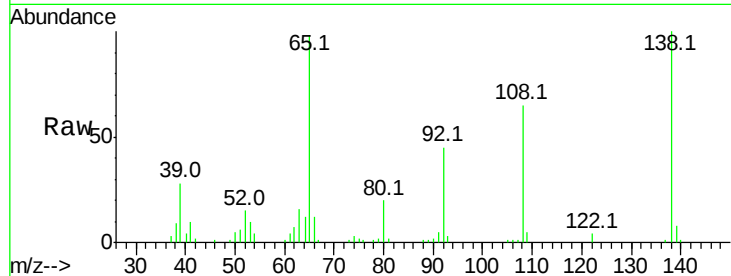




#61
 4-Nitroaniline
 Concen: 39.596 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BF101353.D
 Acq: 13 Dec 2017 2:42

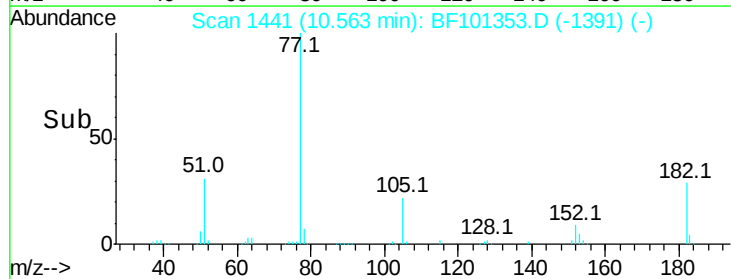
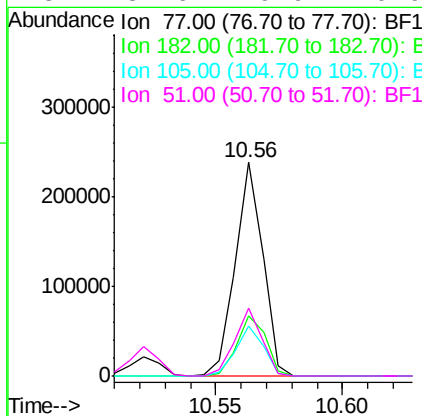
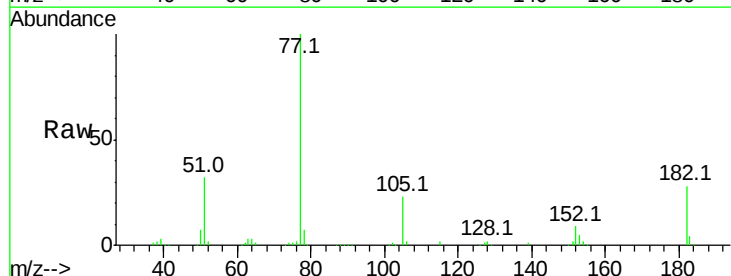
Instrument :
 BNA_F
 ClientSampleId :

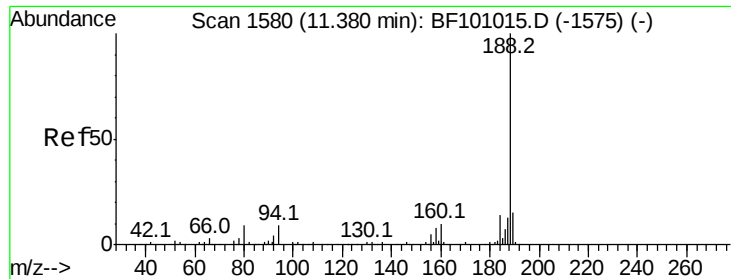
Tot Ion:138 Resp: 55219
 Ion Ratio Lower Upper
 138 100
 92 45.0 30.2 70.2
 108 65.0 52.5 92.5



#62
 Azobenzene
 Concen: 37.938 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF101353.D
 Acq: 13 Dec 2017 2:42

Tgt Ion: 77 Resp: 180117
 Ion Ratio Lower Upper
 77 100
 182 28.2 1.7 41.7
 105 23.4 3.0 43.0
 51 31.6 9.9 49.9

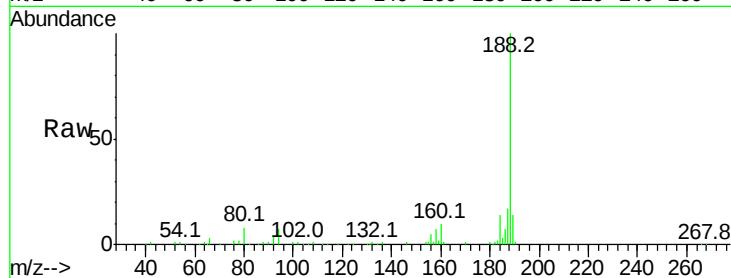




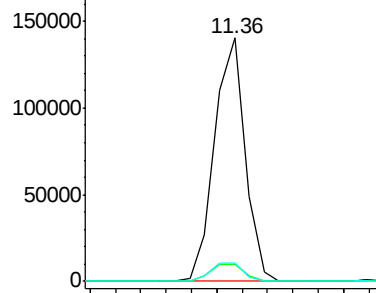
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF101353.D
Acq: 13 Dec 2017 2:42

Instrument :
BNA_F
ClientSampleId :

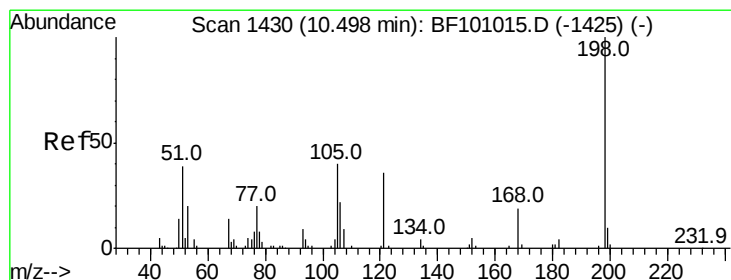
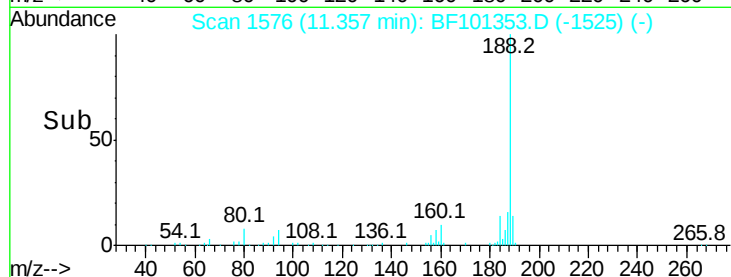
Tot Ion:188 Resp: 117953
Ion Ratio Lower Upper
188 100
94 7.3 8.5 12.7#
80 7.6 9.2 13.8#



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

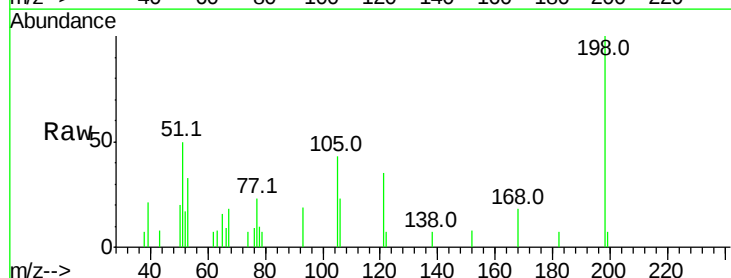


Time--> 11.30 11.35 11.40

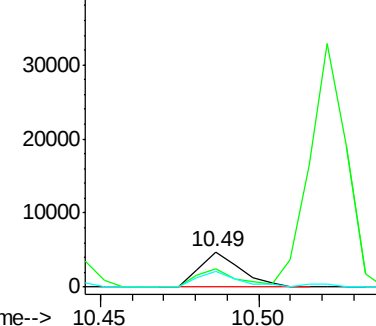


#64
4,6-Dinitro-2-methylphenol
Concen: 5.333 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF101353.D
Acq: 13 Dec 2017 2:42

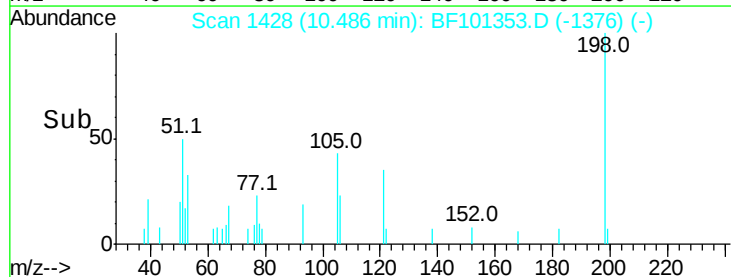
Tgt Ion:198 Resp: 4219
Ion Ratio Lower Upper
198 100
51 50.5 37.7 77.7
105 42.6 36.3 76.3

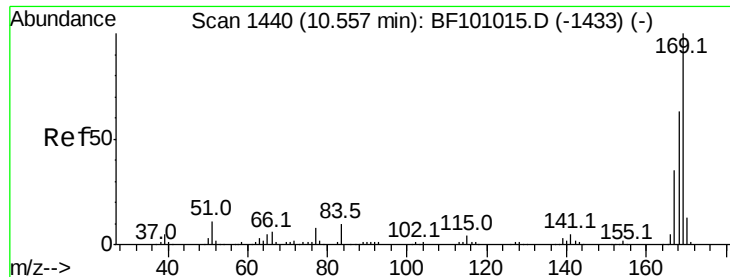


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



Time--> 10.45 10.50

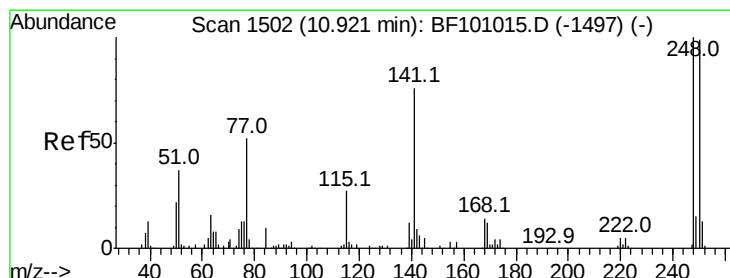
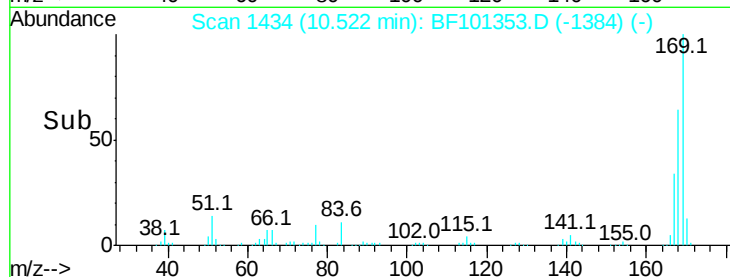
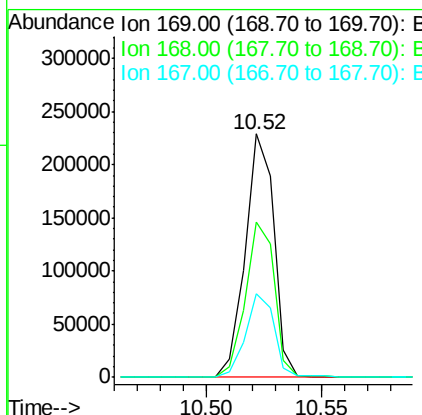
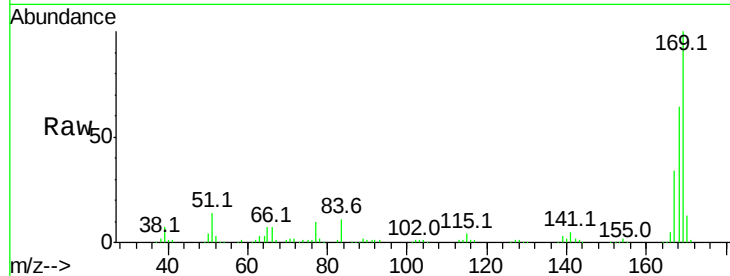




#65
 n-Nitrosodiphenylamine
 Concen: 47.847 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF101353.D
 Acq: 13 Dec 2017 2:42

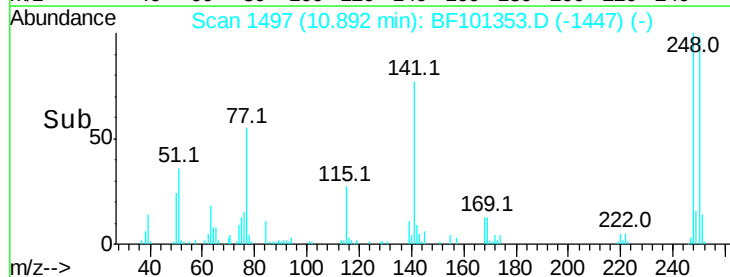
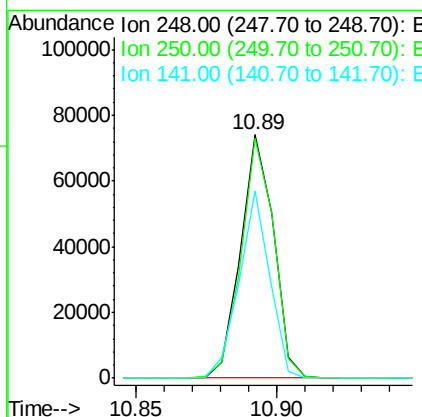
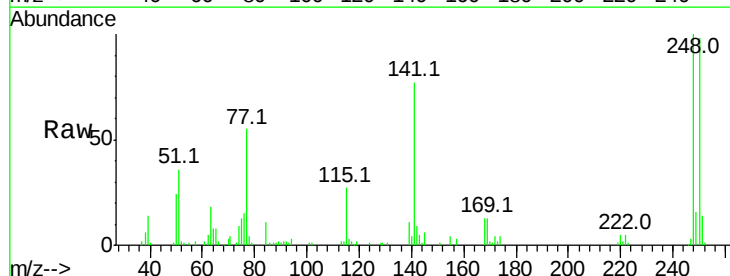
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.0	54.4	81.6
167	34.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 45.374 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.01 min
 Lab File: BF101353.D
 Acq: 13 Dec 2017 2:42

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.9	115.3
141	77.2	74.4	111.6





#67

Hexachlorobenzene

Concen: 42.178 ng

RT: 10.97 min Scan# 1510

Delta R.T. 0.01 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

Instrument :

BNA_F

ClientSampleId :

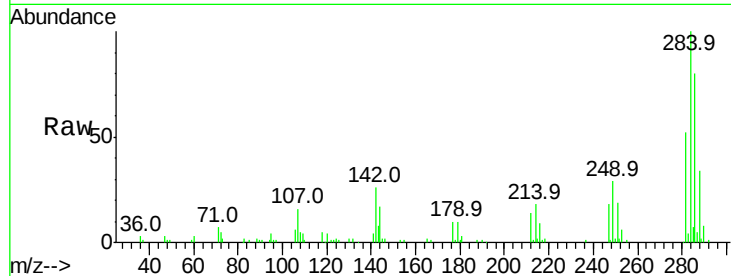
Tot Ion:284 Resp: 59682

Ion Ratio Lower Upper

284 100

142 25.7 34.6 52.0#

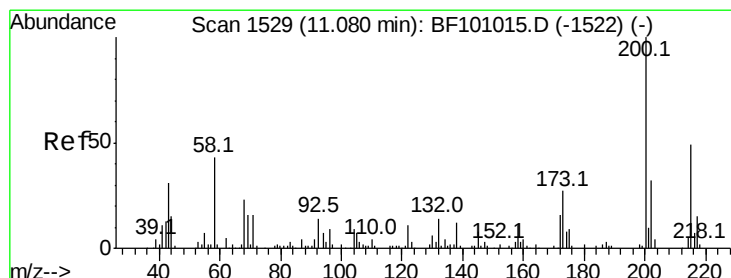
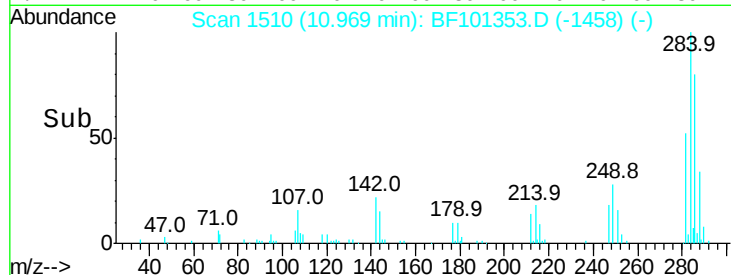
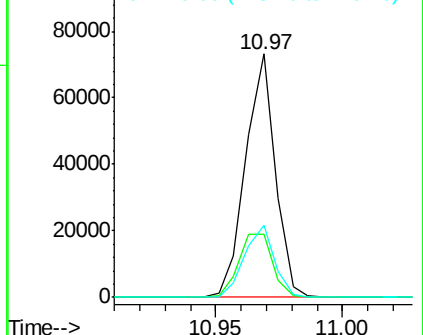
249 29.4 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 32.974 ng

RT: 11.05 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

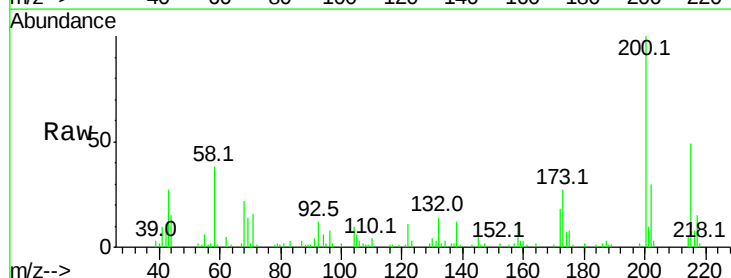
Tgt Ion:200 Resp: 42090

Ion Ratio Lower Upper

200 100

173 26.7 8.6 48.6

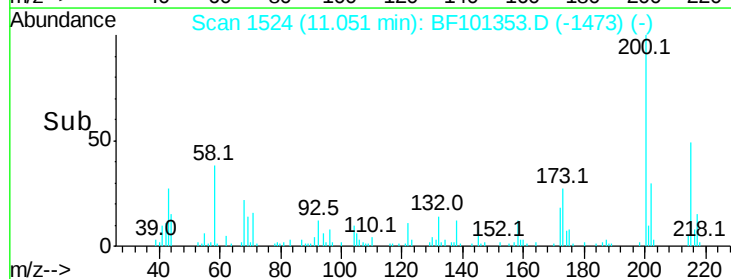
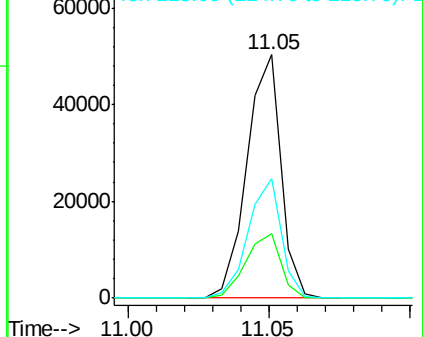
215 48.8 25.1 65.1

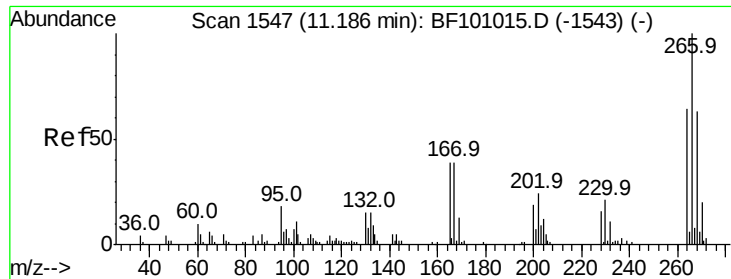


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

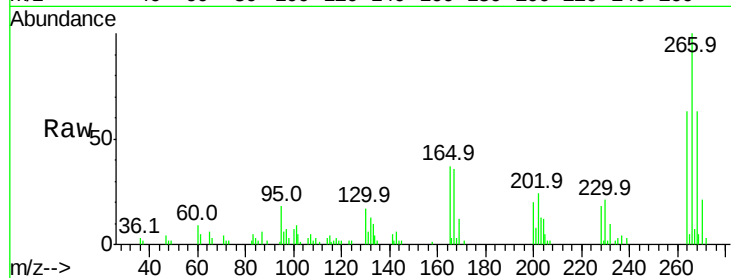




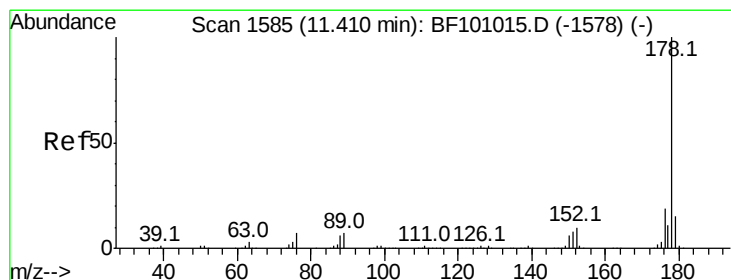
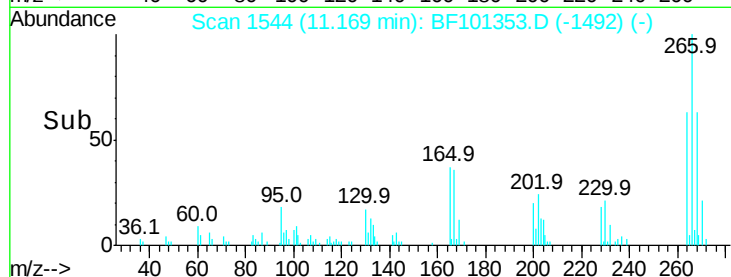
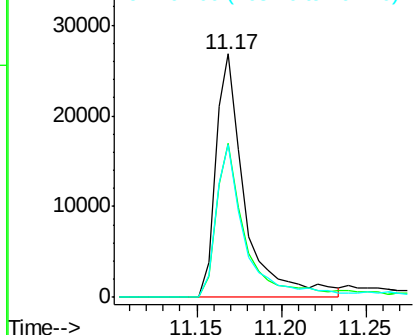
#69
 Pentachlorophenol
 Concen: 41.479 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. 0.01 min
 Lab File: BF101353.D
 Acq: 13 Dec 2017 2:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 32272
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.1 76.7
 264 62.9 49.5 74.3

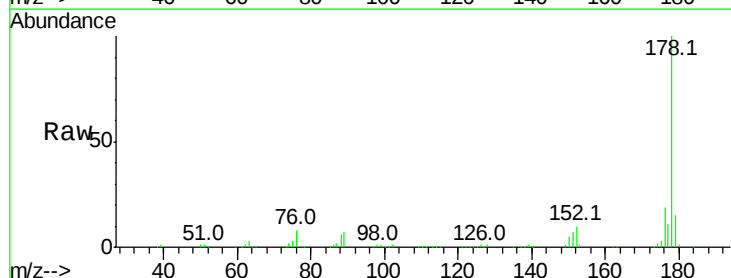


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

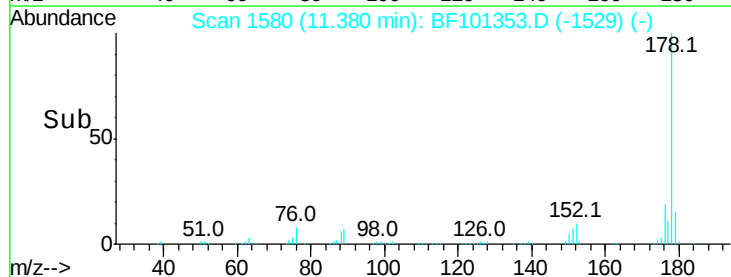
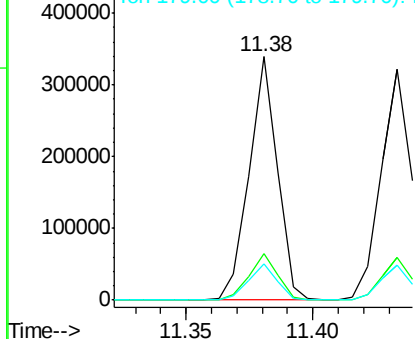


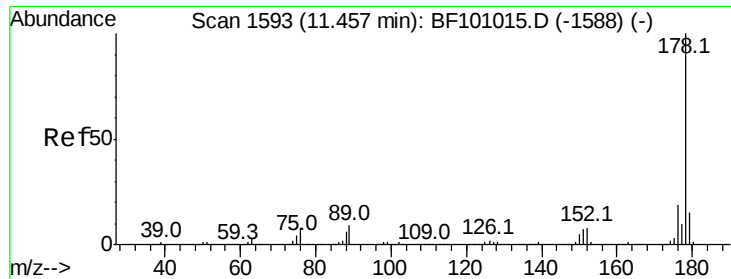
#70
 Phenanthrene
 Concen: 40.597 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF101353.D
 Acq: 13 Dec 2017 2:42

Tgt Ion:178 Resp: 263704
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 14.7 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

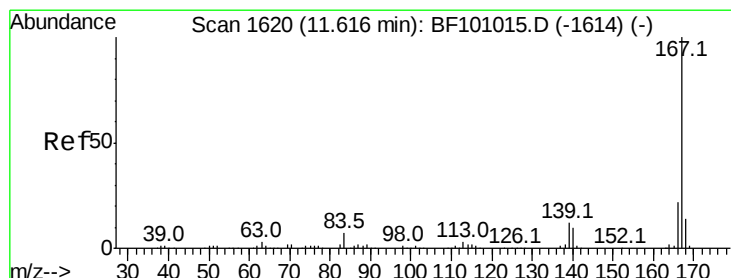
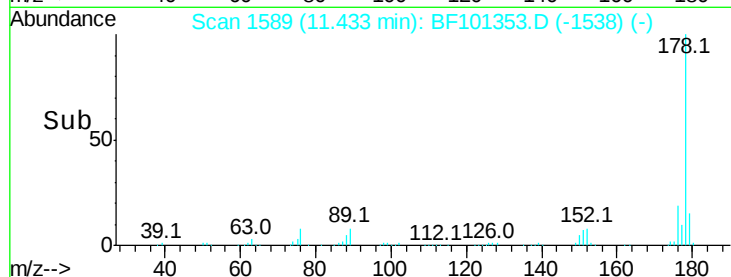
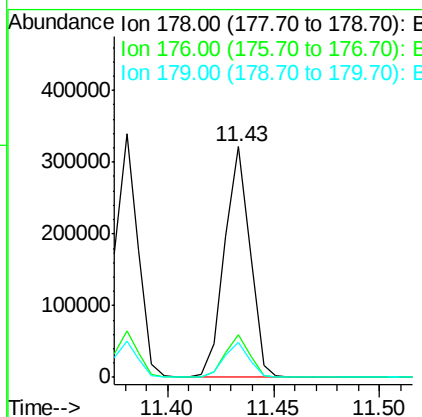
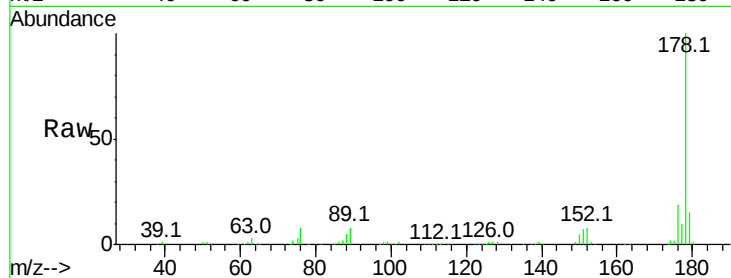




#71
 Anthracene
 Concen: 40.659 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF101353.D
 Acq: 13 Dec 2017 2:42

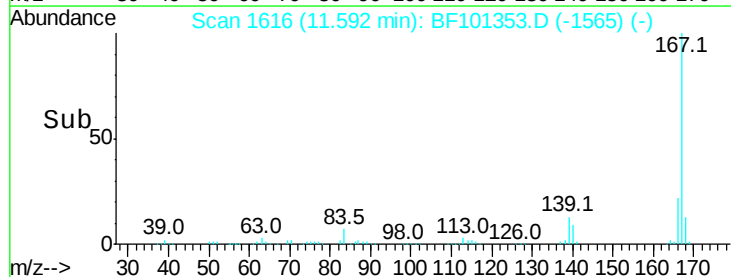
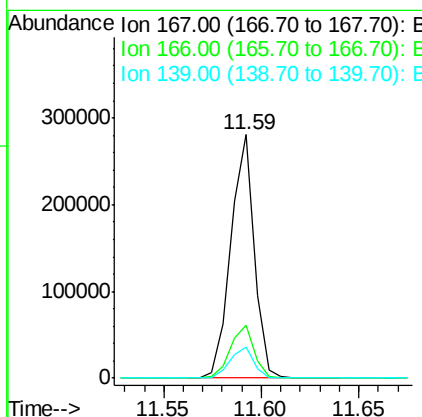
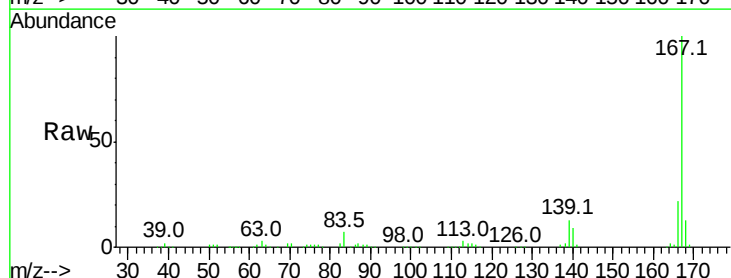
Instrument :
 BNA_F
 ClientSampleId :

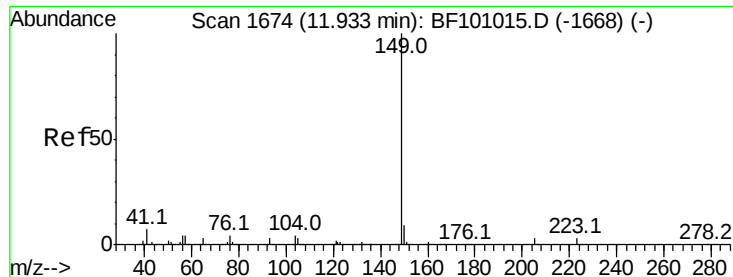
Tot Ion:178 Resp: 267298
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 38.874 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF101353.D
 Acq: 13 Dec 2017 2:42

Tgt Ion:167 Resp: 233500
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 12.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.264 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

Instrument :

BNA_F

ClientSampleId :

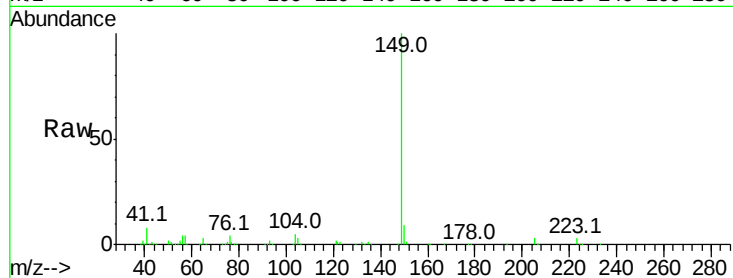
Tot Ion:149 Resp: 325723

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

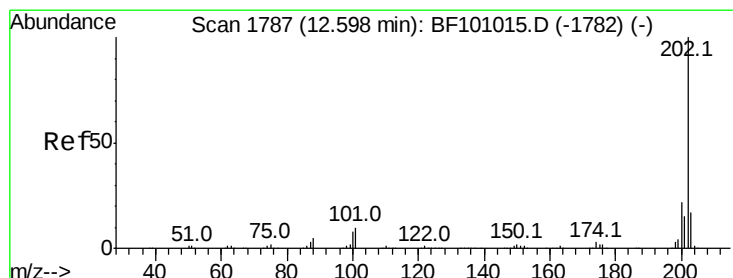
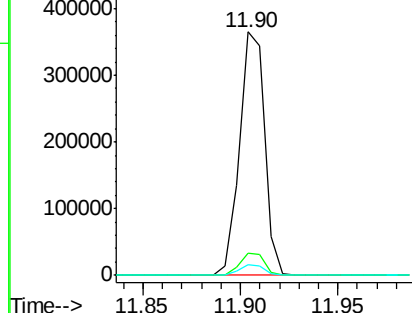
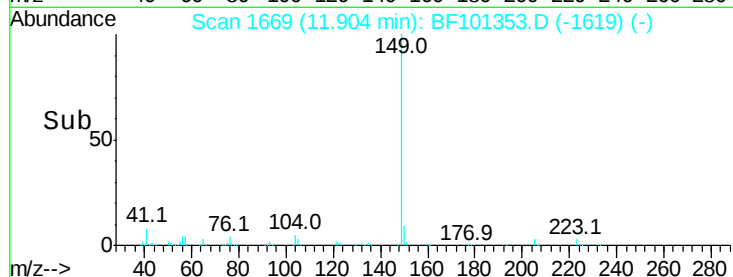
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.699 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.01 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

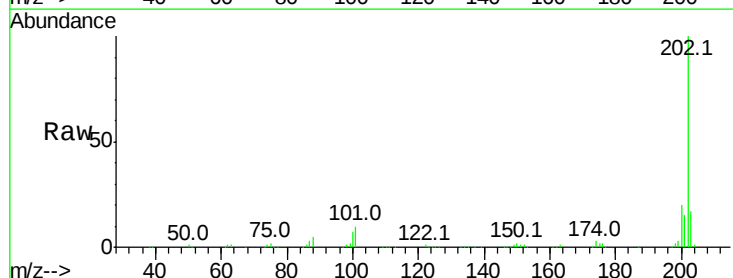
Tgt Ion:202 Resp: 264242

Ion Ratio Lower Upper

202 100

101 10.2 0.0 34.1

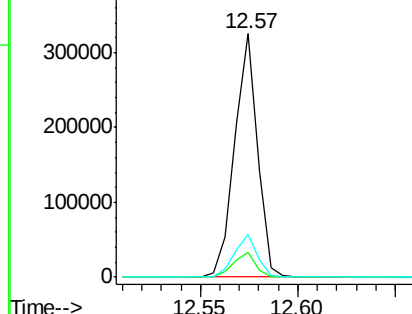
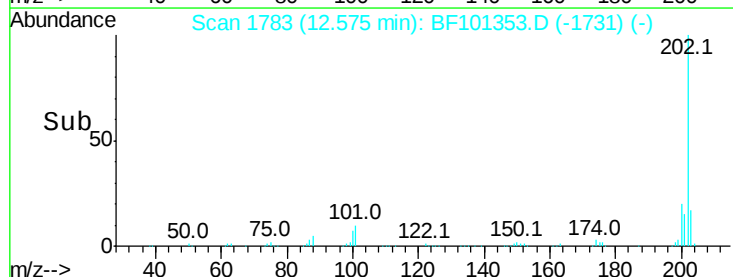
203 17.4 0.0 38.1

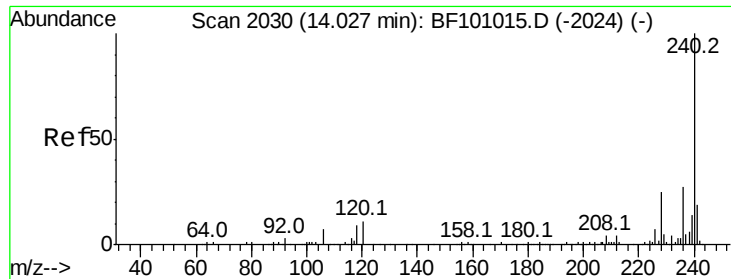


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

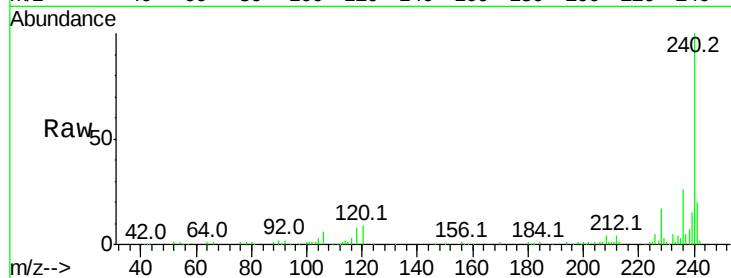




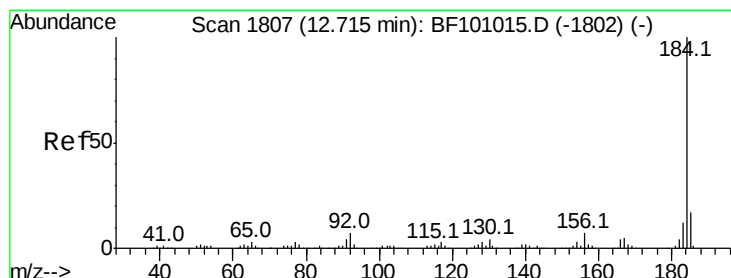
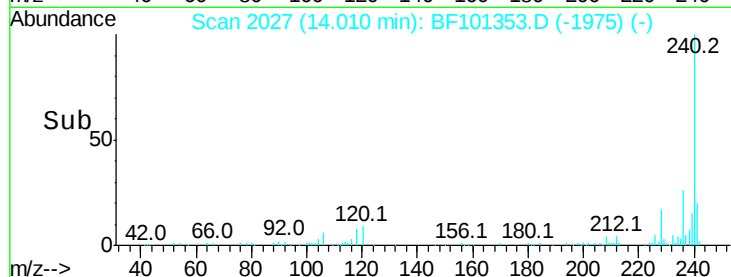
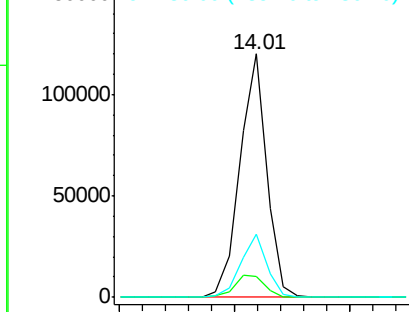
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101353.D
Acq: 13 Dec 2017 2:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 97245
Ion Ratio Lower Upper
240 100
120 8.8 9.5 14.3#
236 26.1 20.7 31.1

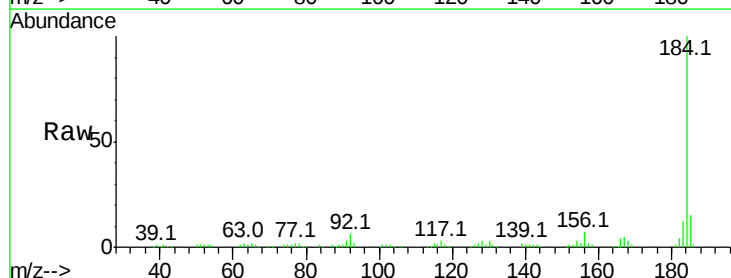


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

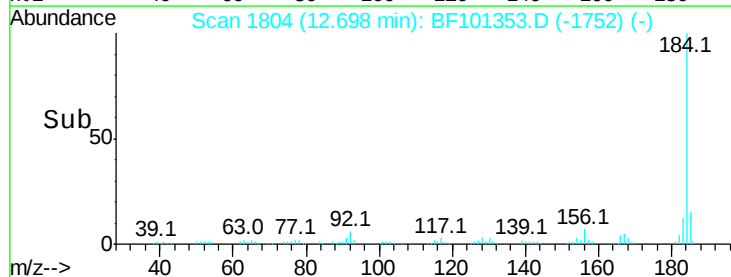
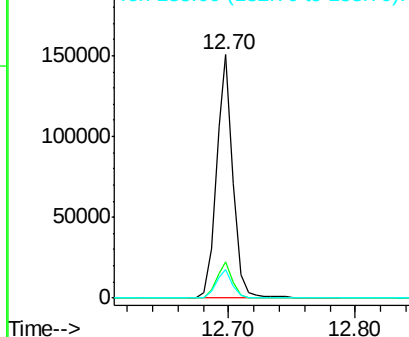


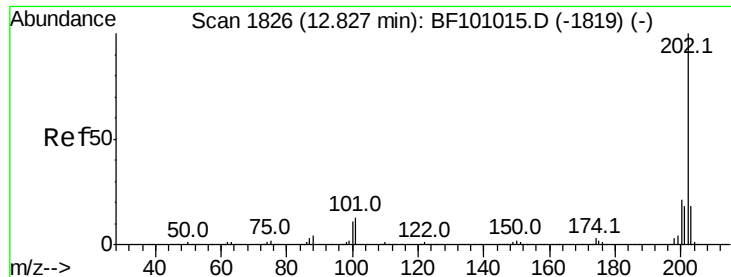
#76
Benzidine
Concen: 43.096 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF101353.D
Acq: 13 Dec 2017 2:42

Tgt Ion:184 Resp: 136281
Ion Ratio Lower Upper
184 100
185 14.7 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

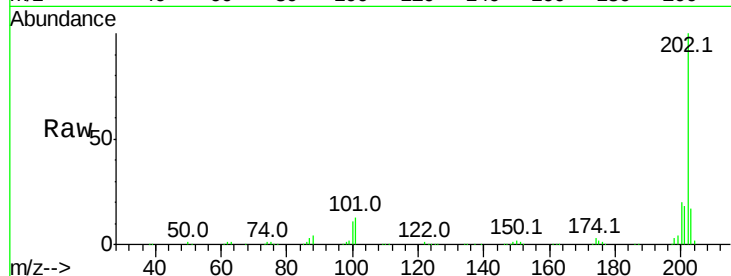




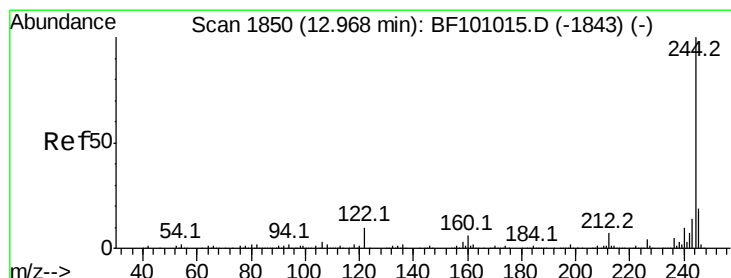
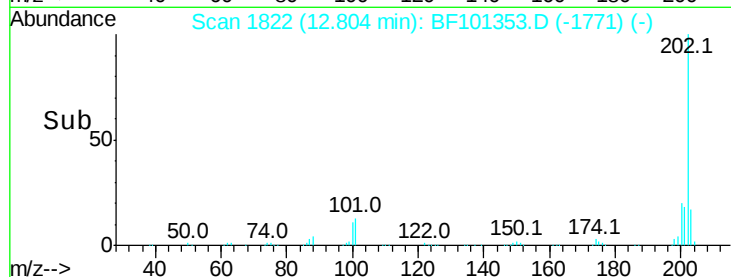
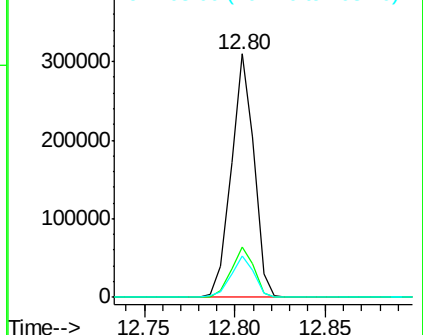
#77
Pvrene
Concen: 40.033 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF101353.D
Acq: 13 Dec 2017 2:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 268633
Ion Ratio Lower Upper
202 100
200 20.4 17.4 26.2
203 17.1 14.3 21.5

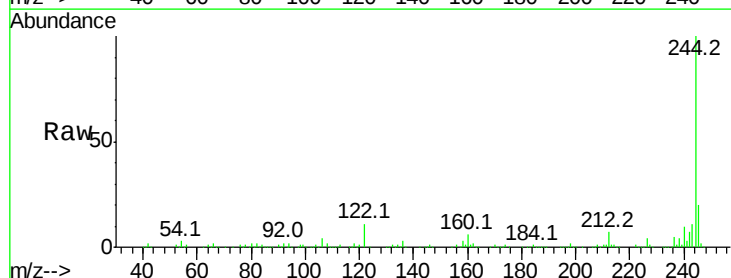


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

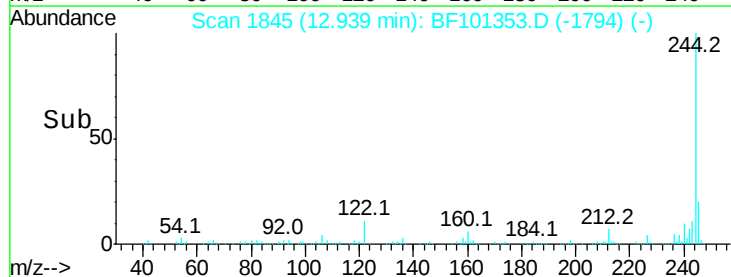
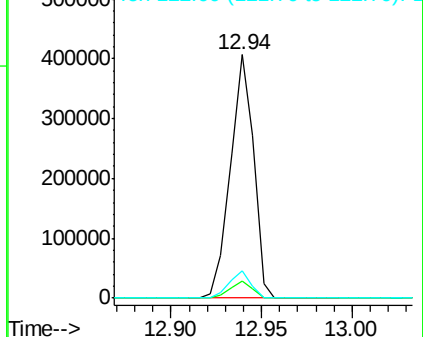


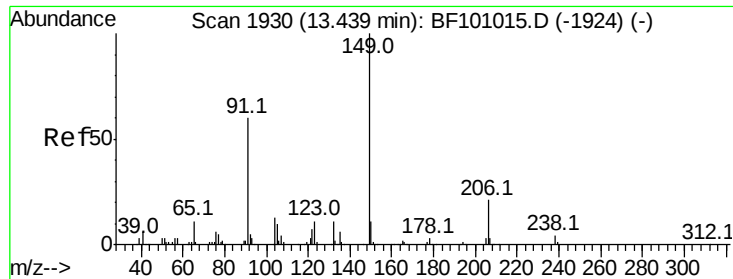
#78
Terphenyl-d14
Concen: 81.464 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF101353.D
Acq: 13 Dec 2017 2:42

Tgt Ion:244 Resp: 362188
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 11.0 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

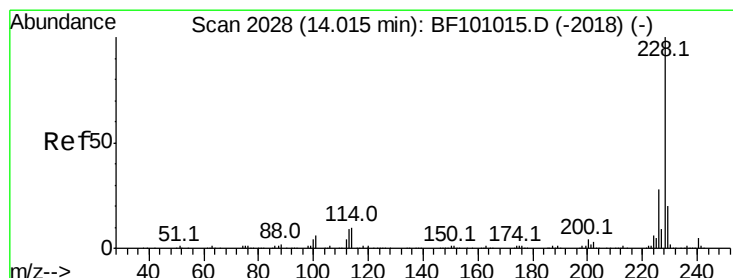
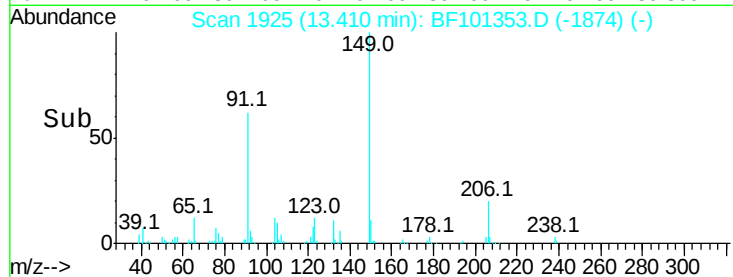
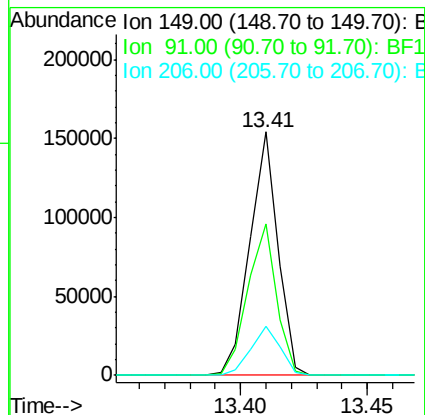
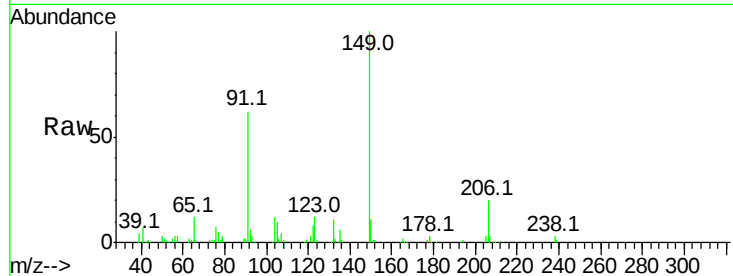




#79
Butylbenzylphthalate
Concen: 40.386 ng
RT: 13.41 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BF101353.D
Acq: 13 Dec 2017 2:42

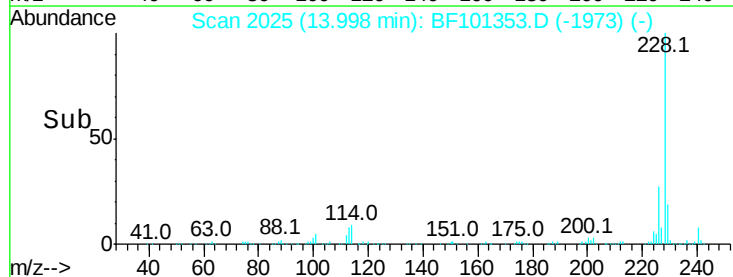
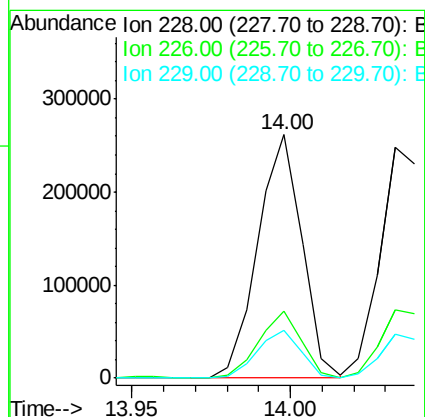
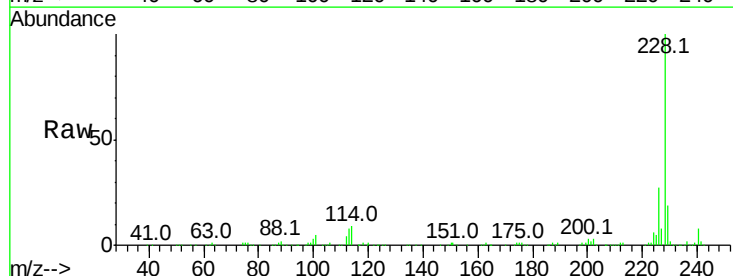
Instrument :
BNA_F
ClientSampleId :

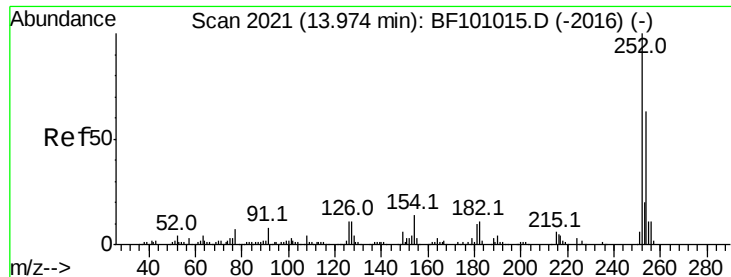
Tot Ion:149 Resp: 119481
Ion Ratio Lower Upper
149 100
91 62.3 56.8 85.2
206 19.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 41.063 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF101353.D
Acq: 13 Dec 2017 2:42

Tgt Ion:228 Resp: 252120
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.4 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 44.188 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

Instrument :

BNA_F

ClientSampled :

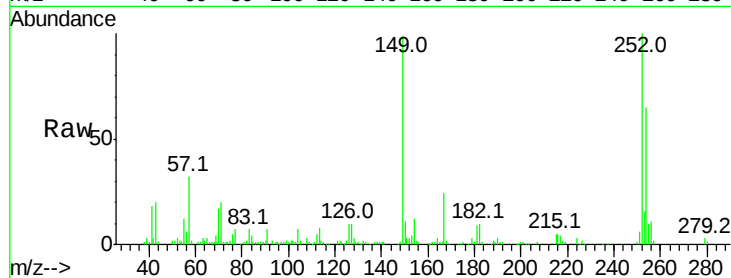
Tot Ion:252 Resp: 93961

Ion Ratio Lower Upper

252 100

254 64.7 50.4 75.6

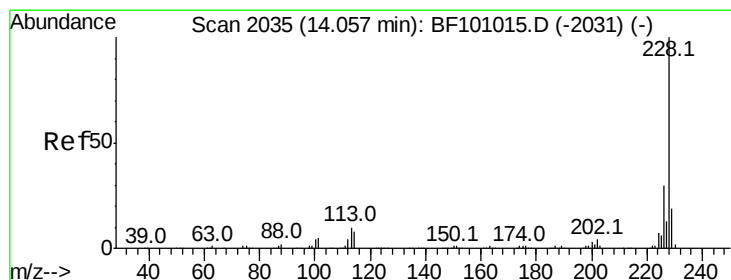
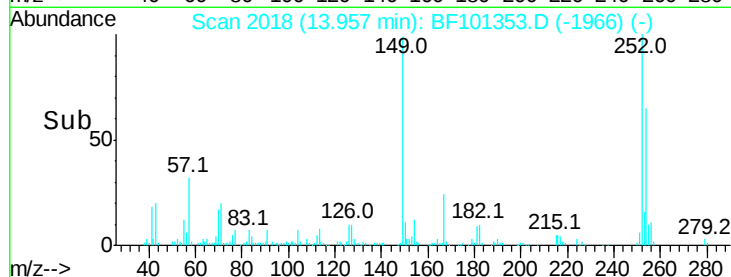
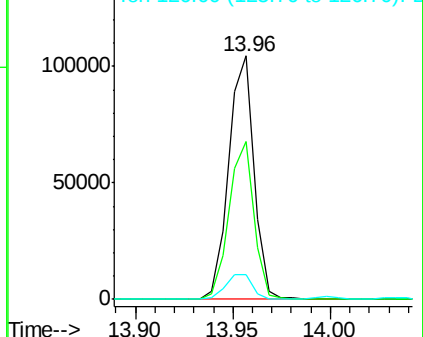
126 10.1 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 40.712 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

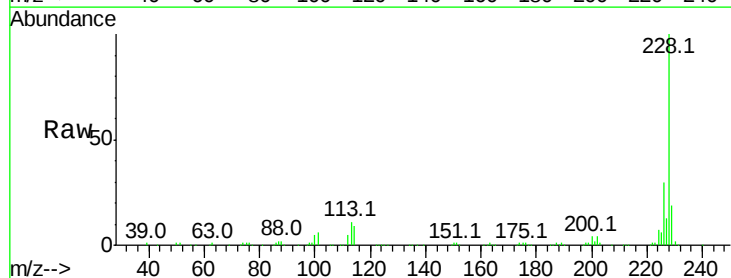
Tgt Ion:228 Resp: 232148

Ion Ratio Lower Upper

228 100

226 29.5 25.0 37.6

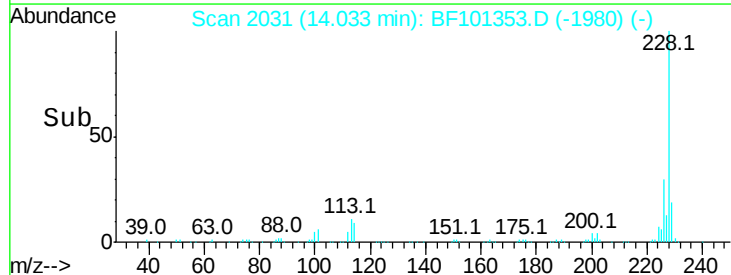
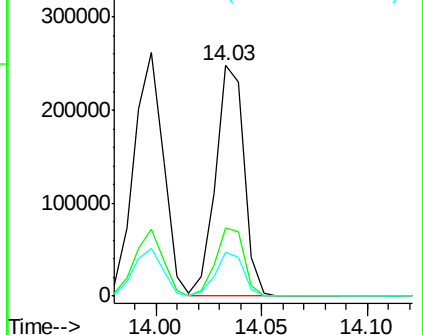
229 19.3 16.2 24.4

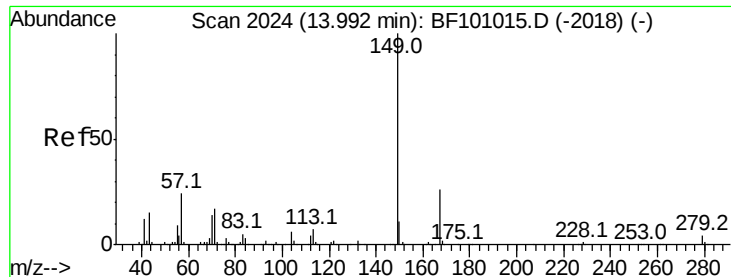


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.398 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

Instrument :

BNA_F

ClientSampleId :

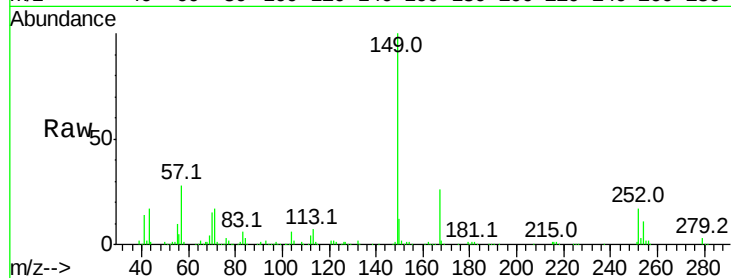
Tot Ion:149 Resp: 170412

Ion Ratio Lower Upper

149 100

167 25.7 21.3 31.9

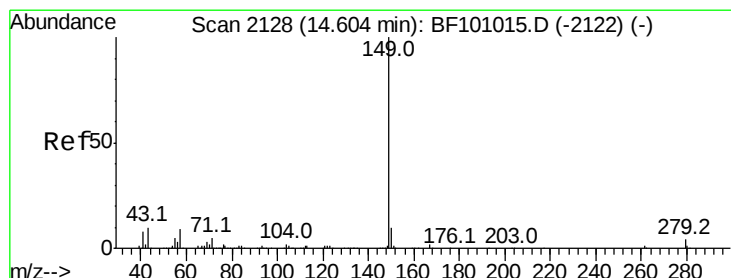
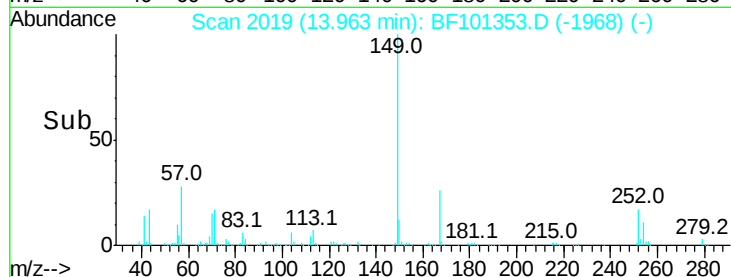
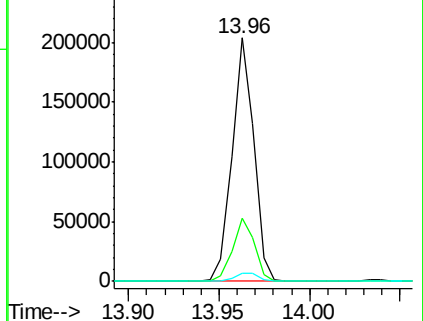
279 3.2 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.413 ng

RT: 14.58 min Scan# 2124

Delta R.T. 0.01 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

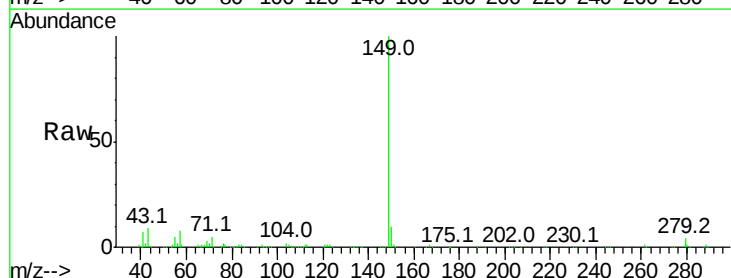
Tgt Ion:149 Resp: 290861

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

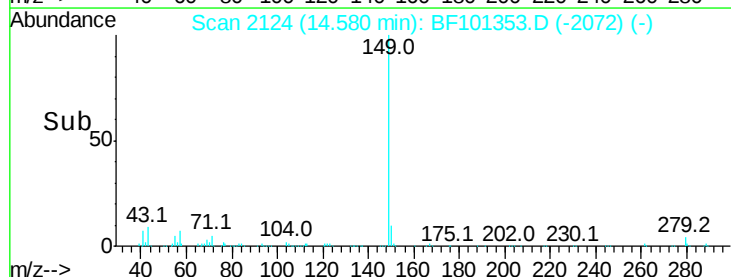
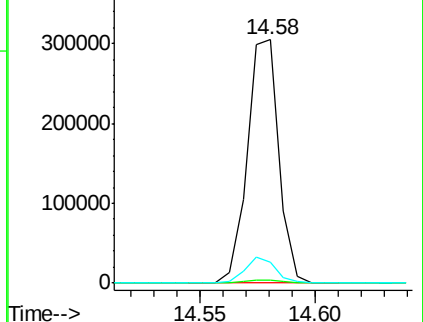
43 10.4 8.4 12.6

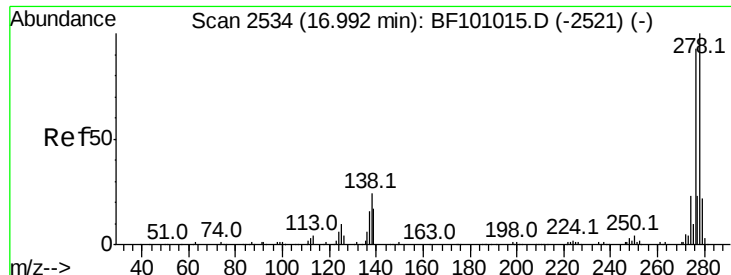


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

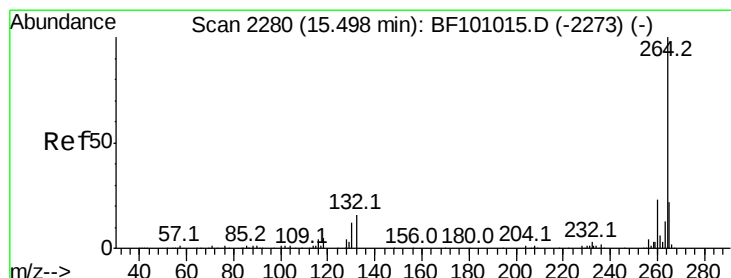
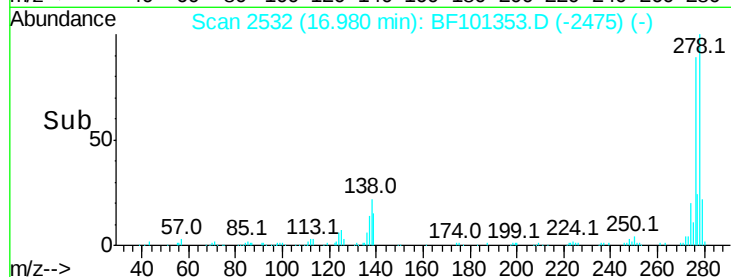
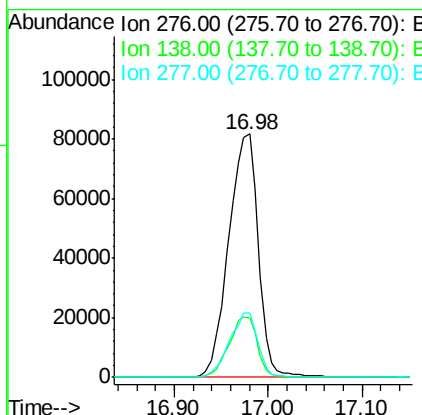
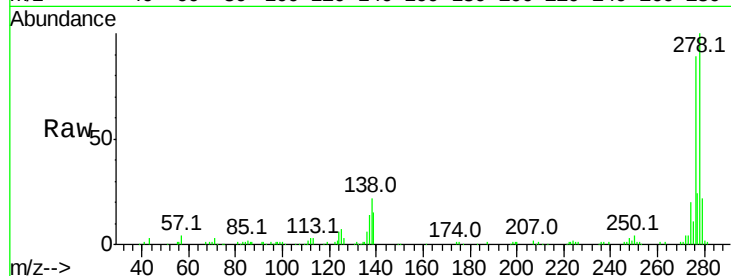




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.163 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. 0.04 min
 Lab File: BF101353.D
 Acq: 13 Dec 2017 2:42

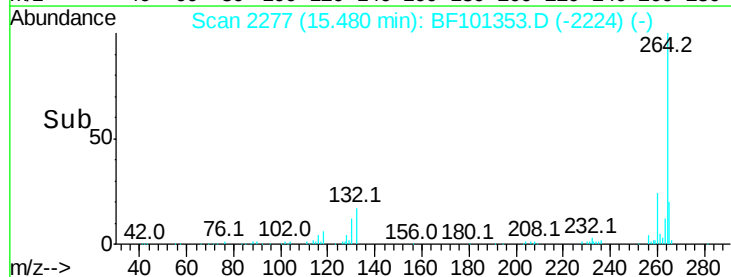
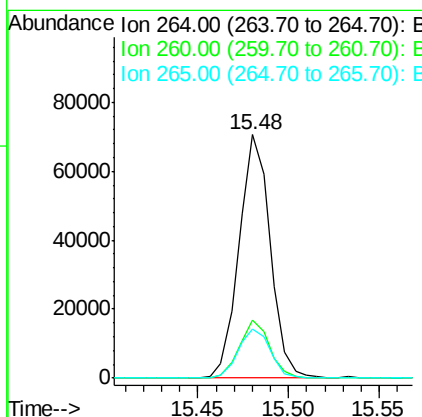
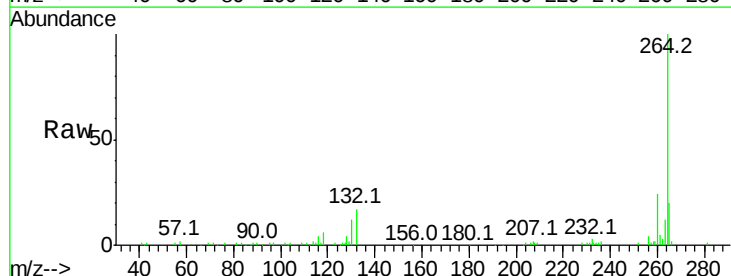
Instrument :
 BNA_F
 ClientSampled :

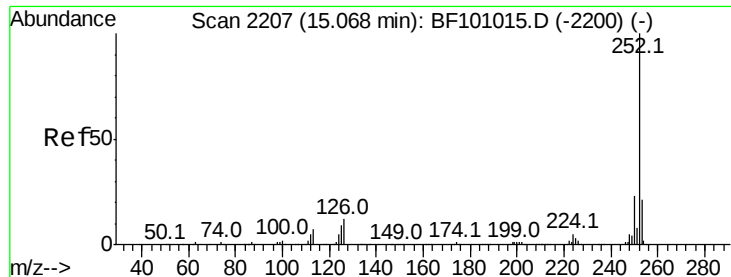
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	25.0	37.6#
277	25.5	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.01 min
 Lab File: BF101353.D
 Acq: 13 Dec 2017 2:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 44.309 ng

RT: 15.05 min Scan# 2204

Delta R.T. 0.01 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

Instrument :

BNA_F

ClientSampleId :

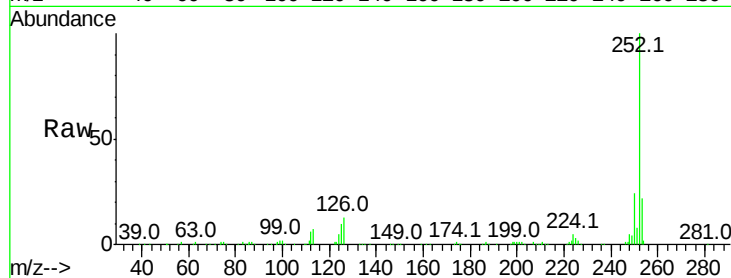
Tot Ion:252 Resp: 223647

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

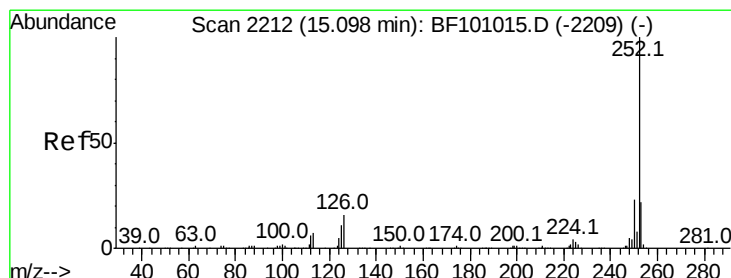
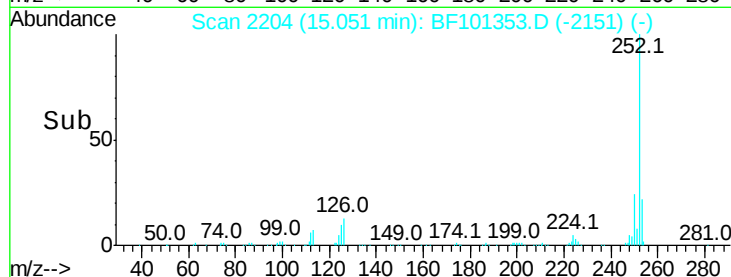
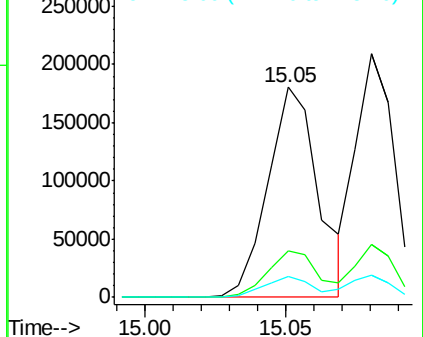
125 9.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.899 ng

RT: 15.08 min Scan# 2209

Delta R.T. 0.01 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

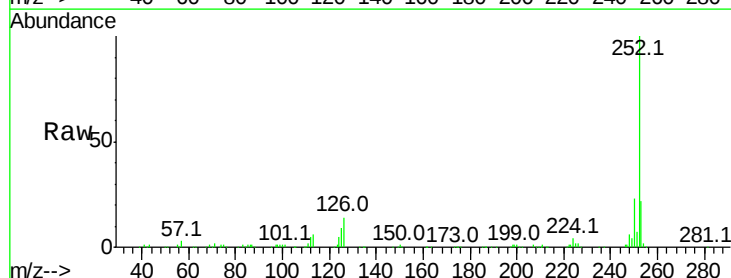
Tgt Ion:252 Resp: 198414

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

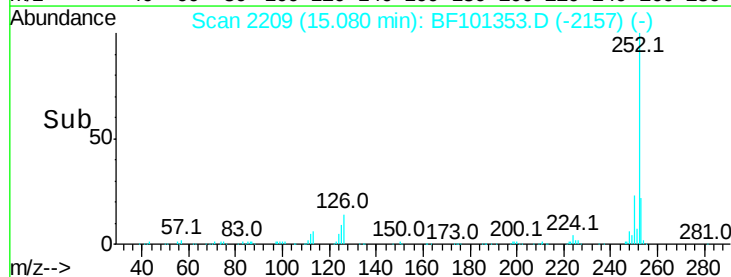
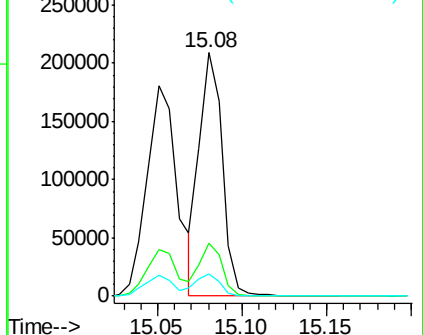
125 9.2 10.2 15.2#

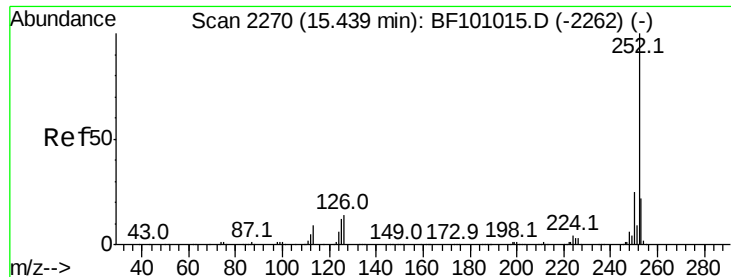


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.535 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.01 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

Instrument :

BNA_F

ClientSampleId :

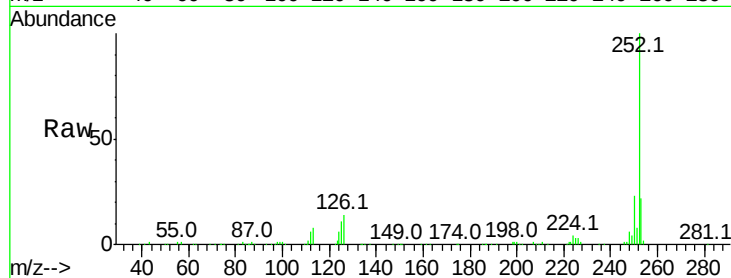
Tot Ion:252 Resp: 190597

Ion Ratio Lower Upper

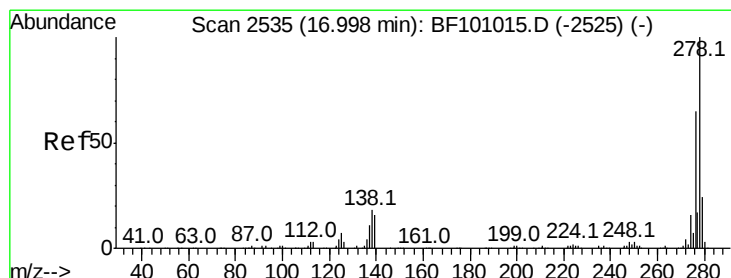
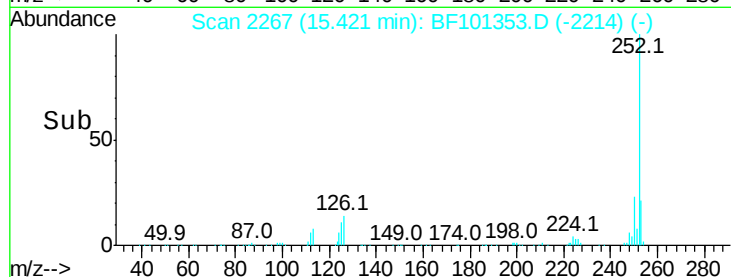
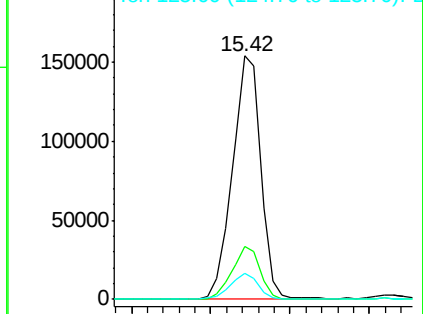
252 100

253 21.5 17.1 25.7

125 10.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.102 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.02 min

Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

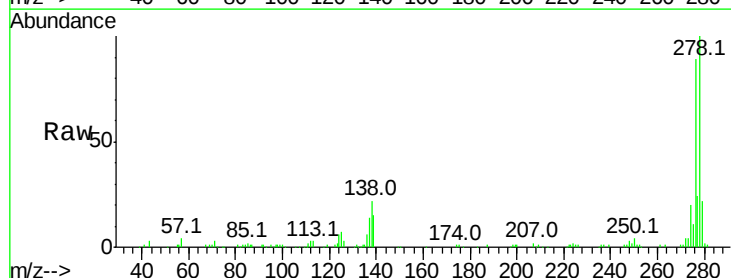
Tgt Ion:278 Resp: 154141

Ion Ratio Lower Upper

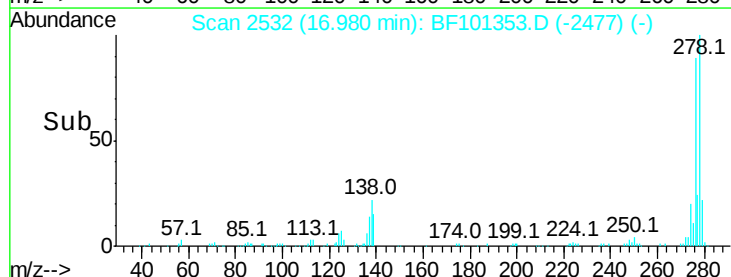
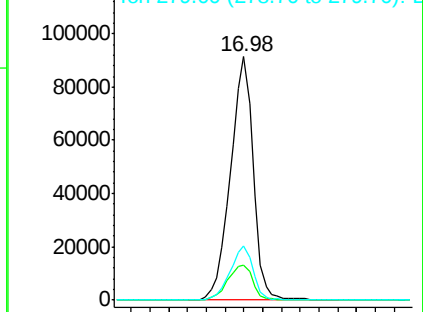
278 100

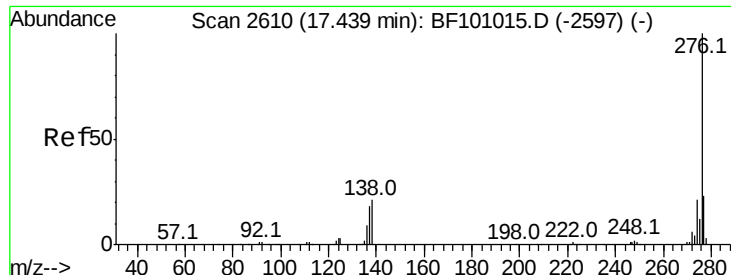
139 14.5 15.9 23.9#

279 22.3 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 36.723 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.04 min

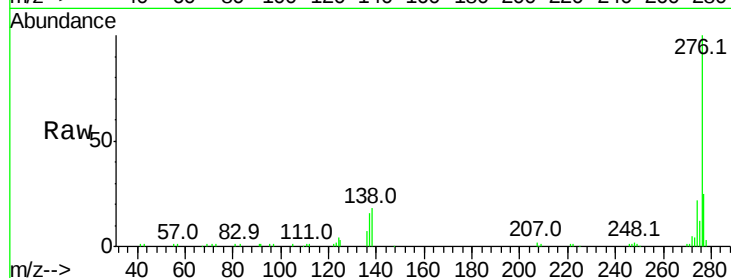
Lab File: BF101353.D

Acq: 13 Dec 2017 2:42

Instrument :

BNA_F

ClientSampleId :



Tot Ion:	276	Resp:	140008
Ion Ratio	Lower	Upper	
276	100		
277	24.5	17.9	26.9
138	18.4	21.8	32.8

