

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105093.D
 Acq On : 4 May 2018 00:33
 Operator : JU/SJ
 Sample : J2709-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMSD

Quant Time: May 04 04:21:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	110057	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	445385	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	184929	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	281736	20.00	ng	0.00
75) Chrysene-d12	14.01	240	182009	20.00	ng	-0.02
86) Perylene-d12	15.56	264	144926	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	926293	128.69	ng	0.01
7) Phenol-d6	6.45	99	1053560	119.13	ng	0.00
23) Nitrobenzene-d5	7.36	82	657307	96.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	232925	121.42	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1127997	96.36	ng	-0.01
78) Terphenyl-d14	12.90	244	837348	104.89	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	104185	31.065	ng	# 86
3) Pyridine	3.31	79	203125	21.541	ng	# 82
4) n-Nitrosodimethylamine	3.24	42	110265	33.452	ng	# 76
6) Aniline	6.46	93	222719	18.127	ng	# 1
8) 2-Chlorophenol	6.58	128	340115	44.770	ng	92
9) Benzaldehyde	6.33	77	213535	53.487	ng	97
10) Phenol	6.46	94	389052	41.462	ng	79
11) bis(2-Chloroethyl)ether	6.52	93	317289	42.373	ng	93
12) 1,3-Dichlorobenzene	6.72	146	354279	41.164	ng	99
13) 1,4-Dichlorobenzene	6.80	146	369382	43.055	ng	99
14) 1,2-Dichlorobenzene	6.95	146	326010	41.006	ng	99
15) Benzyl Alcohol	6.94	79	247240	36.808	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	351504	34.954	ng	# 14
17) 2-Methylphenol	7.06	107	270777	41.004	ng	# 87
18) Hexachloroethane	7.29	117	120471	39.384	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	218812	37.864	ng	93
20) 3+4-Methylphenols	7.22	107	364233	44.472	ng	99
22) Acetophenone	7.20	105	471621	43.011	ng	# 93
24) Nitrobenzene	7.37	77	332720	44.182	ng	95
25) Isophorone	7.61	82	601669	41.714	ng	99
26) 2-Nitrophenol	7.69	139	186171	60.726	ng	96
27) 2,4-Dimethylphenol	7.73	122	291072	45.726	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	398362	45.172	ng	99
29) 2,4-Dichlorophenol	7.95	162	286619	47.190	ng	95
30) 1,2,4-Trichlorobenzene	8.01	180	290866	43.637	ng	99
31) Naphthalene	8.09	128	934859	42.153	ng	99
32) Benzoic acid	7.89	122	140197	27.603	ng	98
33) 4-Chloroaniline	8.16	127	117720	12.390	ng	99
34) Hexachlorobutadiene	8.19	225	161377	44.200	ng	99
35) Caprolactam	8.53	113	82577	38.973	ng	# 74
36) 4-Chloro-3-methylphenol	8.65	107	285272	43.803	ng	99
37) 2-Methylnaphthalene	8.78	142	605195	42.187	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	266624	50.366	ng	99
40) Hexachlorocyclopentadiene	8.92	237	44218	14.920	ng	97

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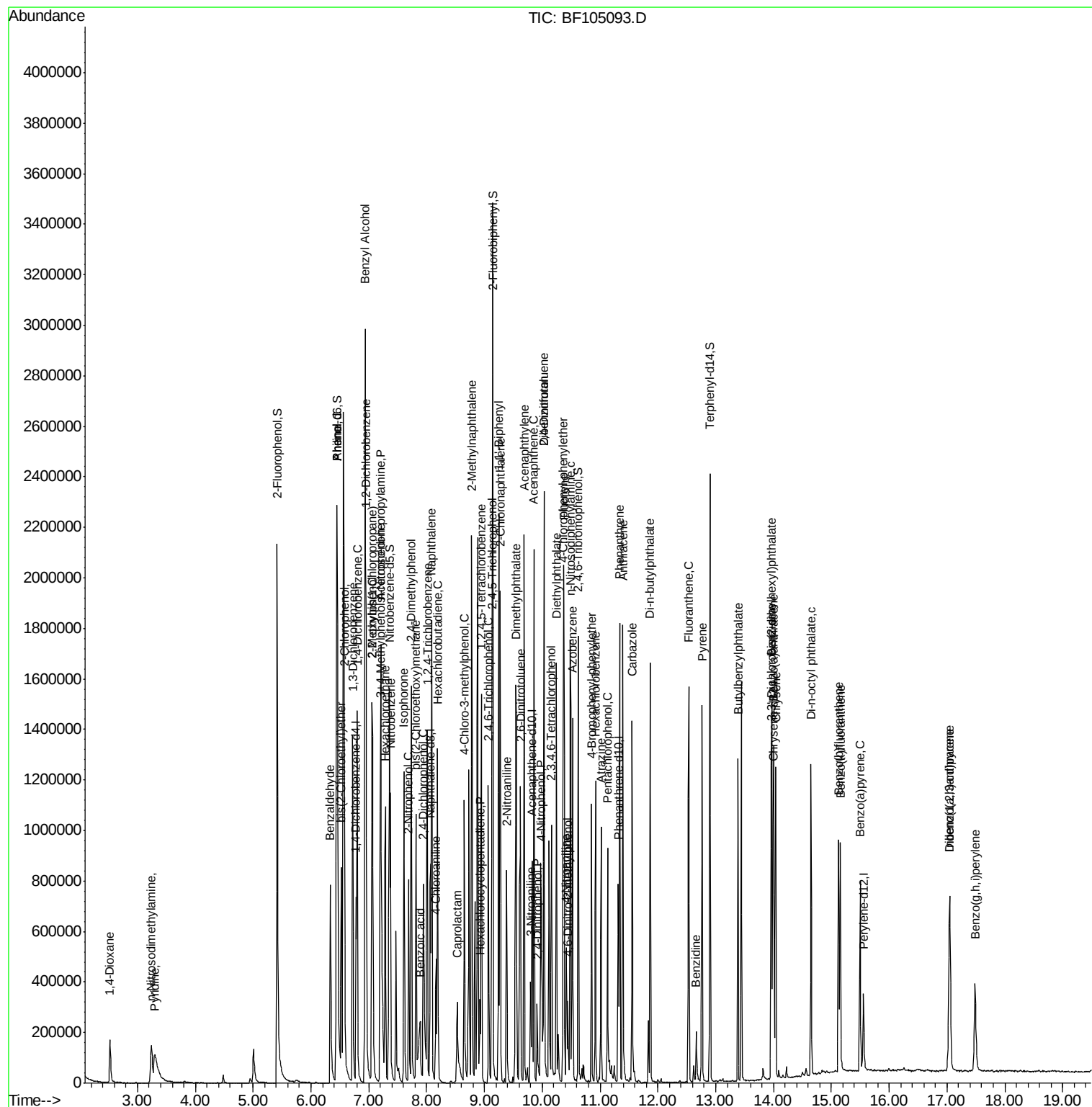
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	178350	48.533	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	178926	43.510	nq	95
45) 1,1'-Biphenyl	9.25	154	710969	45.765	nq	99
46) 2-Chloronaphthalene	9.27	162	546057	44.500	nq	100
47) 2-Nitroaniline	9.39	65	155978	51.400	nq	86
48) Acenaphthylene	9.69	152	768247	39.903	nq	100
49) Dimethylphthalate	9.55	163	752516	51.602	nq	100
50) 2,6-Dinitrotoluene	9.62	165	138539	51.340	nq	94
51) Acenaphthene	9.86	154	459164	39.089	nq	99
52) 3-Nitroaniline	9.80	138	78741	24.925	nq	92
53) 2,4-Dinitrophenol	9.91	184	59722	60.739	nq	# 23
54) Dibenzofuran	10.03	168	658601	40.231	nq	97
55) 4-Nitrophenol	9.99	139	130474	52.578	nq	96
56) 2,4-Dinitrotoluene	10.03	165	158874	44.885	nq	# 94
57) Fluorene	10.37	166	526912	44.221	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	134760	43.925	nq	93
59) Diethylphthalate	10.25	149	616007	42.414	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	257025	48.435	nq	98
61) 4-Nitroaniline	10.42	138	117908	38.172	nq	95
62) Azobenzene	10.53	77	503252	36.268	nq	92
64) 4,6-Dinitro-2-methylphenol	10.45	198	47861	36.889	nq	# 75
65) n-Nitrosodiphenylamine	10.49	169	474588	48.583	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	147221	49.127	nq	# 90
67) Hexachlorobenzene	10.92	284	154043	45.683	nq	94
68) Atrazine	11.02	200	138067	46.825	nq	98
69) Pentachlorophenol	11.13	266	126327	60.557	nq	96
70) Phenanthrene	11.34	178	661819	42.182	nq	99
71) Anthracene	11.39	178	689359	43.223	nq	98
72) Carbazole	11.56	167	612070	39.274	nq	100
73) Di-n-butylphthalate	11.87	149	837919	44.014	nq	100
74) Fluoranthene	12.53	202	618100	37.706	nq	97
76) Benzidine	12.66	184	91641	10.492	nq	97
77) Pyrene	12.76	202	611277	45.310	nq	98
79) Butylbenzylphthalate	13.39	149	302883	47.654	nq	94
80) Benzo(a)anthracene	14.00	228	507545	46.678	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	165001	40.699	nq	98
82) Chrysene	14.04	228	487170	43.619	nq	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	421534	51.562	nq	98
84) Di-n-octyl phthalate	14.65	149	669609	49.019	nq	# 93
85) Indeno(1,2,3-cd)pyrene	17.04	276	368630	38.854	nq	95
87) Benzo(b)fluoranthene	15.13	252	411147	44.918	nq	99
88) Benzo(k)fluoranthene	15.16	252	404802	46.844	nq	97
89) Benzo(a)pyrene	15.50	252	379124	46.292	nq	99
90) Dibenzo(a,h)anthracene	17.05	278	310411	46.148	nq	96
91) Benzo(g,h,i)perylene	17.49	276	300972	46.184	nq	94

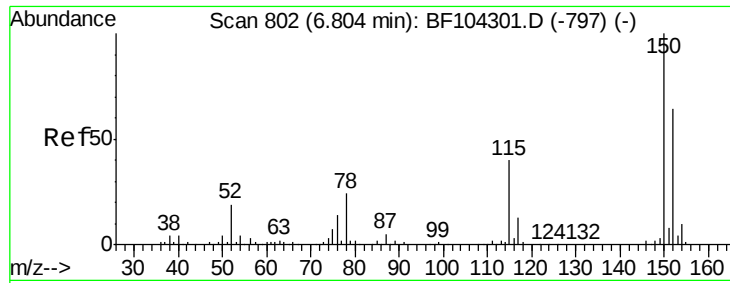
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

Instrument :

BNA_F

ClientSampleId :

WAYNEMSD

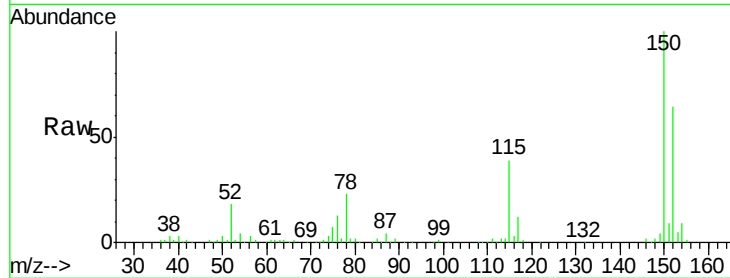
Tot Ion:152 Resp: 110057

Ion Ratio Lower Upper

152 100

150 156.6 124.6 186.8

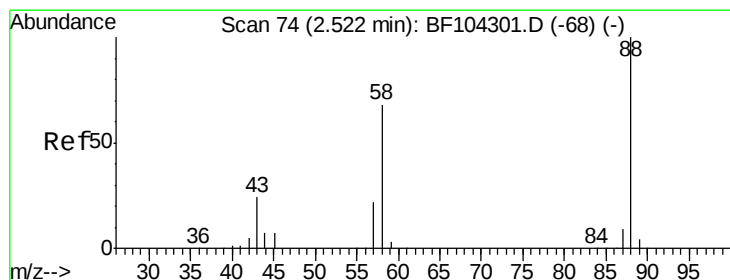
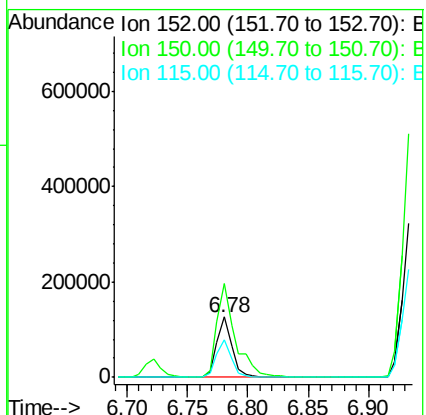
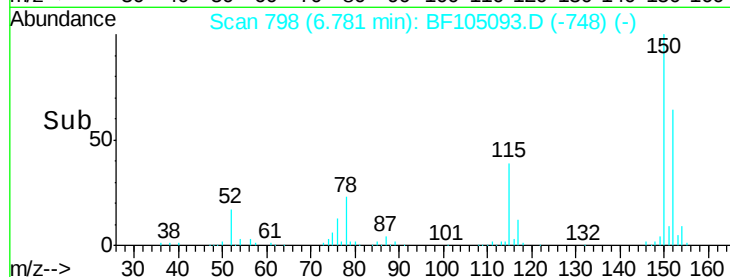
115 61.4 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.065 ng

RT: 2.52 min Scan# 74

Delta R.T. 0.03 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

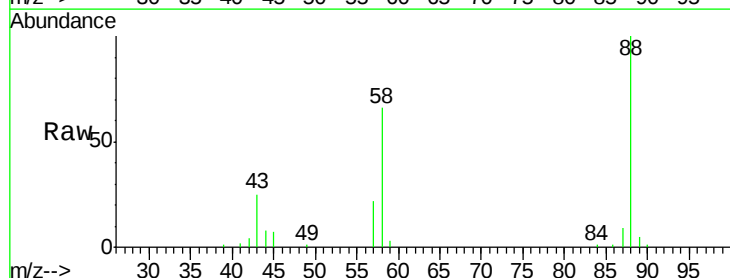
Tgt Ion: 88 Resp: 104185

Ion Ratio Lower Upper

88 100

58 65.1 62.6 93.8

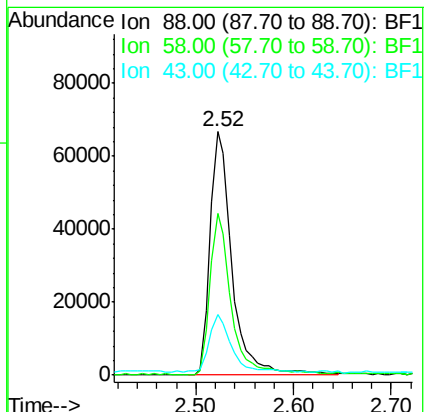
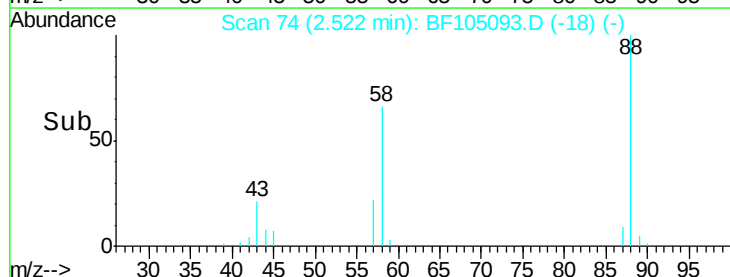
43 24.1 24.6 37.0#

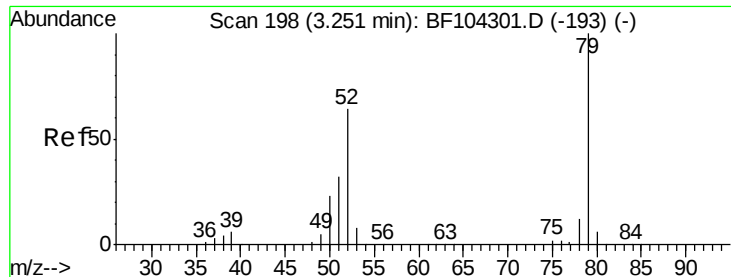


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 21.541 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.09 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

Instrument :

BNA_F

ClientSampleId :

WAYNEMSD

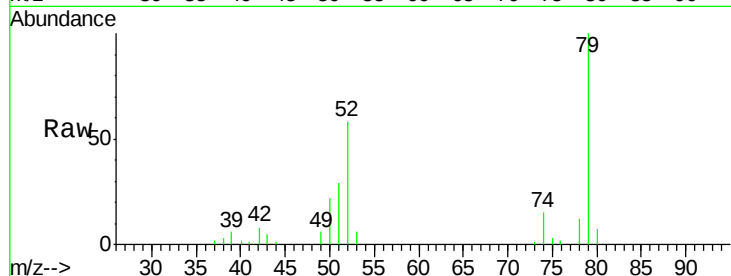
Tot Ion: 79 Resp: 203125

Ion Ratio Lower Upper

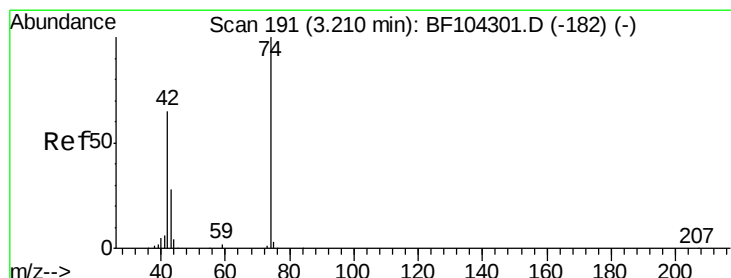
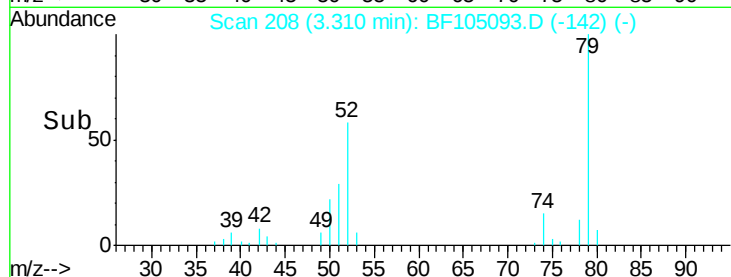
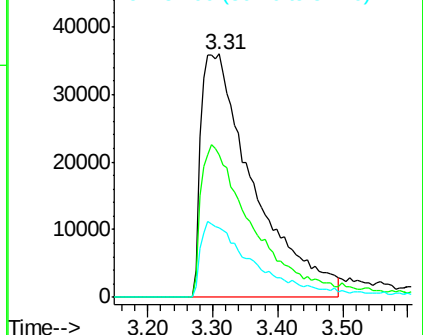
79 100

52 58.4 59.8 89.6#

51 28.5 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.452 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.03 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

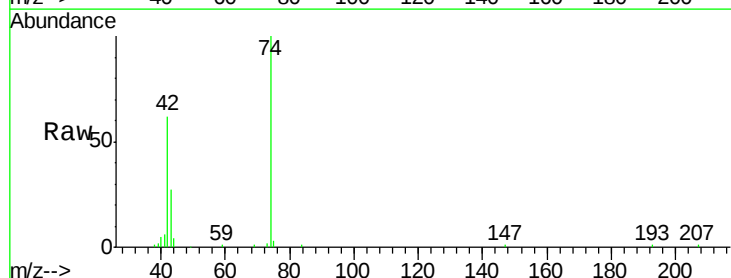
Tgt Ion: 42 Resp: 110265

Ion Ratio Lower Upper

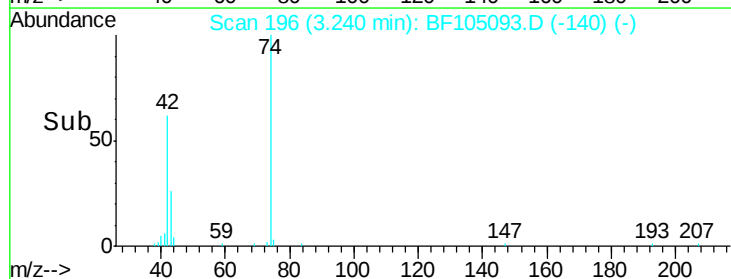
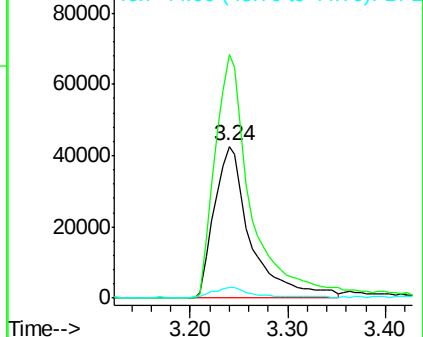
42 100

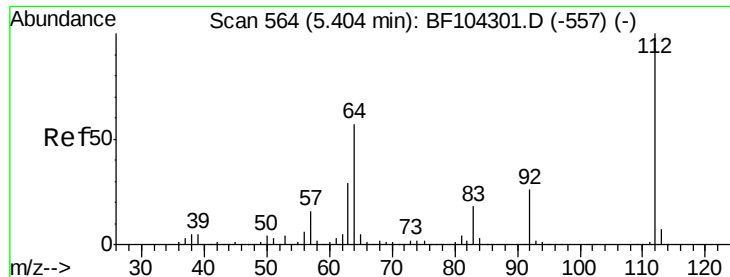
74 160.2 104.9 157.3#

44 7.2 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 128.693 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF105093.D

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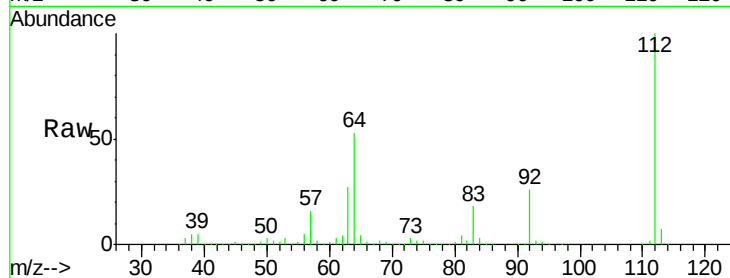
Tot Ion:112 Resp: 926293

Ion Ratio Lower Upper

112 100

64 52.5 47.9 71.9

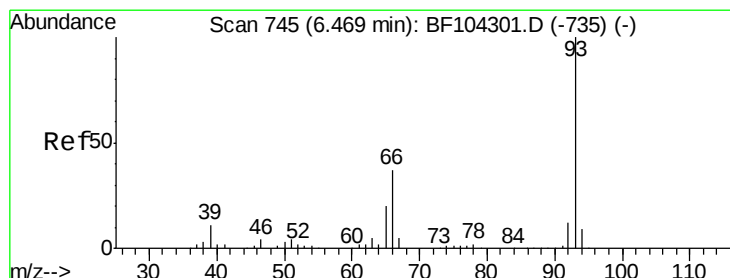
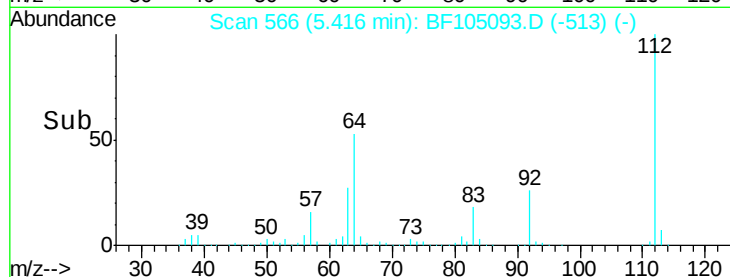
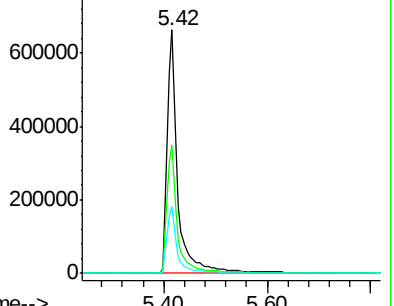
63 27.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.127 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

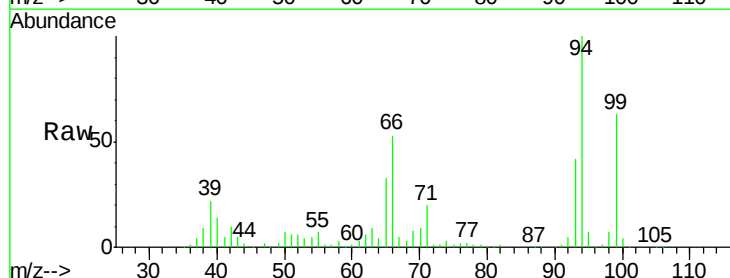
Tgt Ion: 93 Resp: 222719

Ion Ratio Lower Upper

93 100

66 125.9 32.2 48.2#

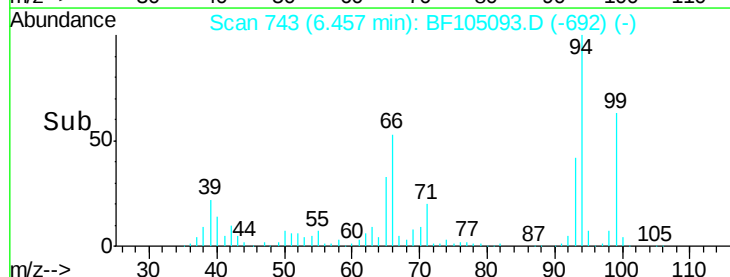
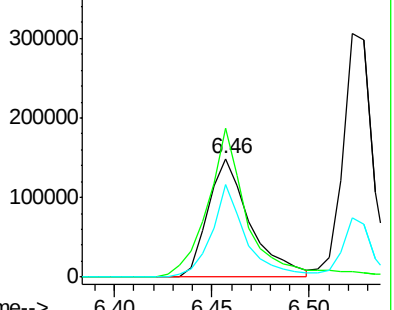
65 77.9 16.4 24.6#

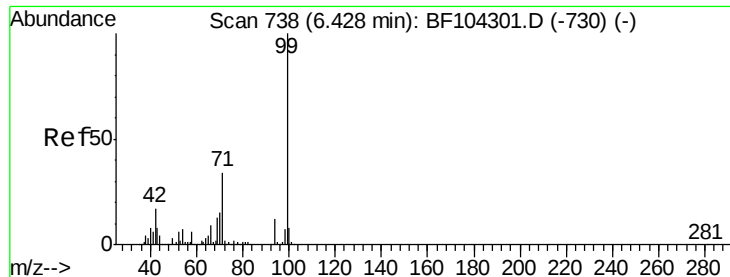


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.132 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

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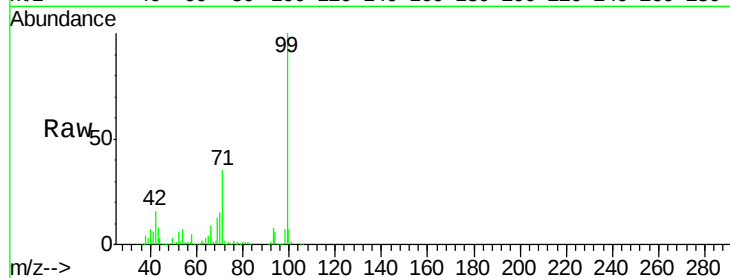
Tot Ion: 99 Resp: 1053560

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

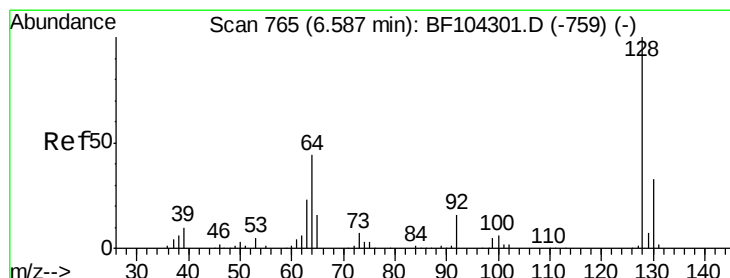
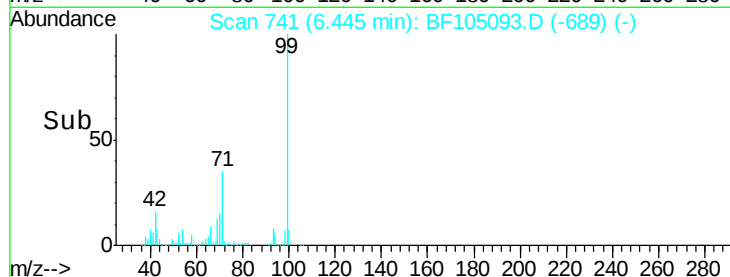
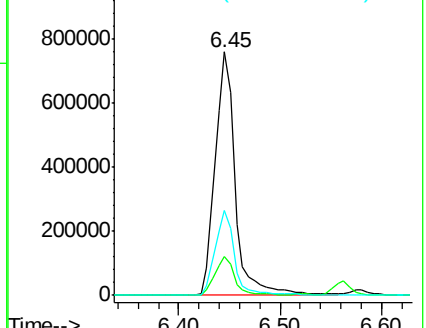
71 34.6 25.4 38.0



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: 44.770 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

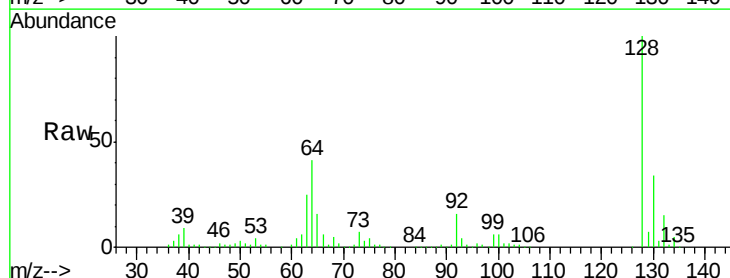
Tgt Ion: 128 Resp: 340115

Ion Ratio Lower Upper

128 100

130 33.9 13.0 53.0

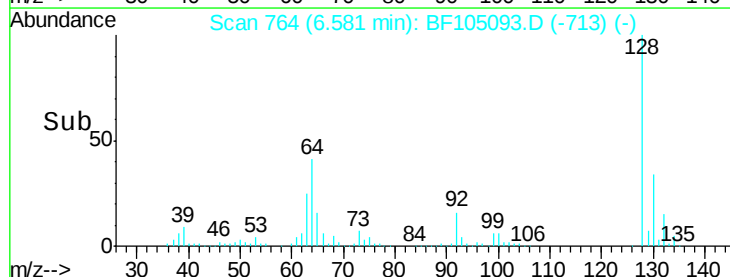
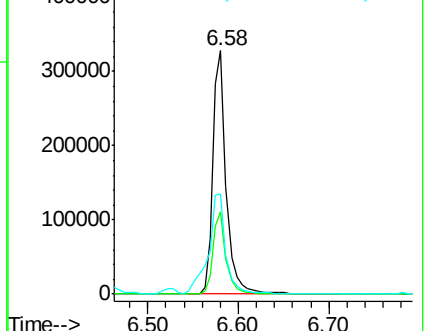
64 41.2 29.4 69.4

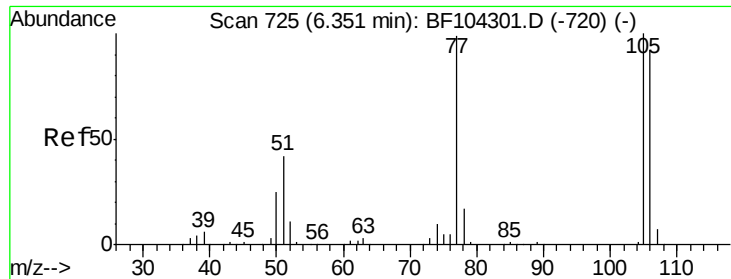


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

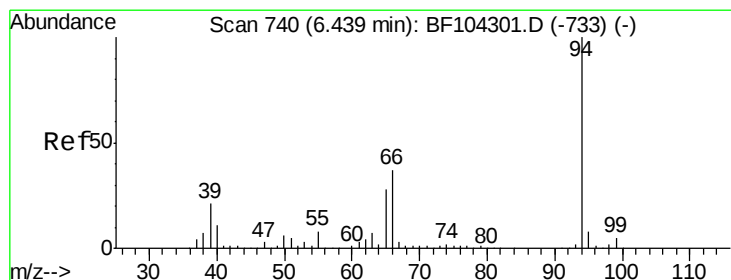
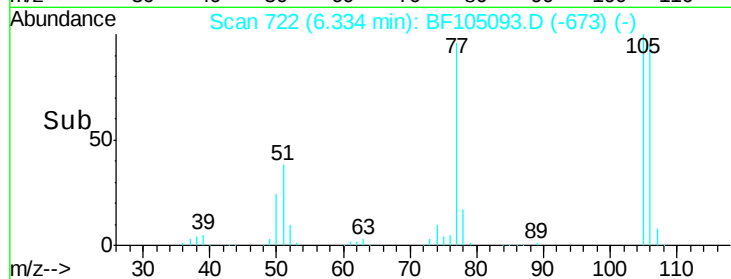
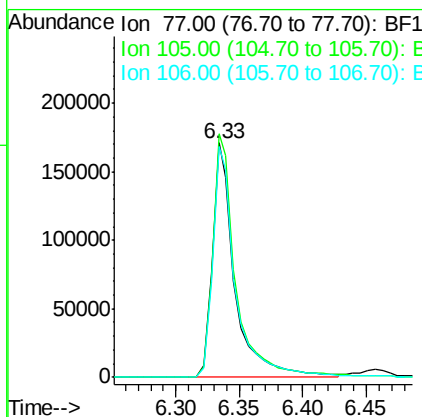
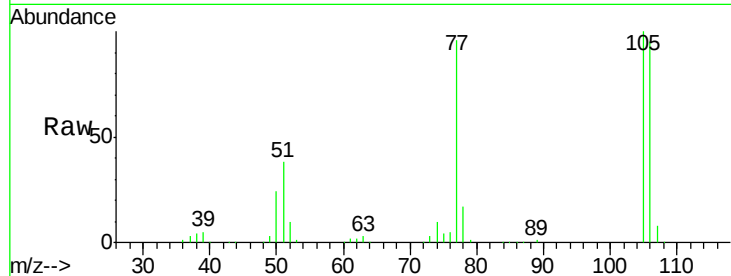




#9
Benzaldehyde
Concen: 53.487 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

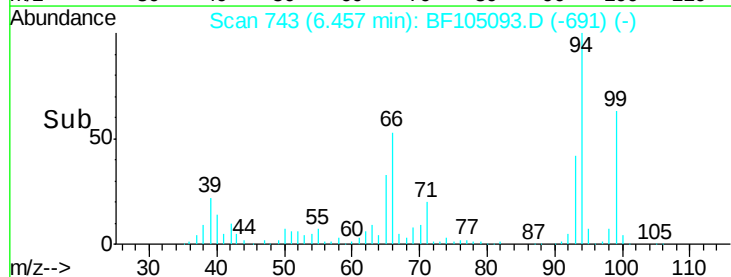
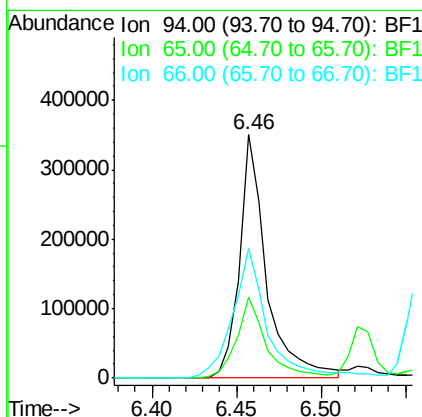
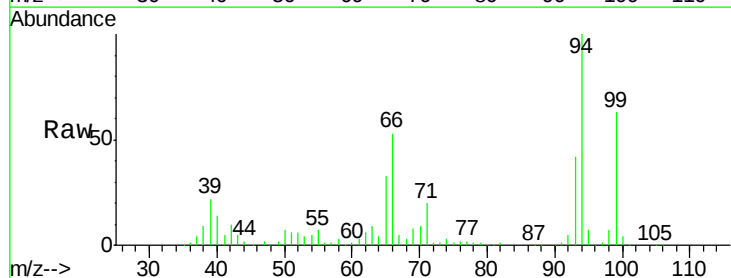
Instrument :
BNA_F
ClientSampleId :
WAYNEMSD

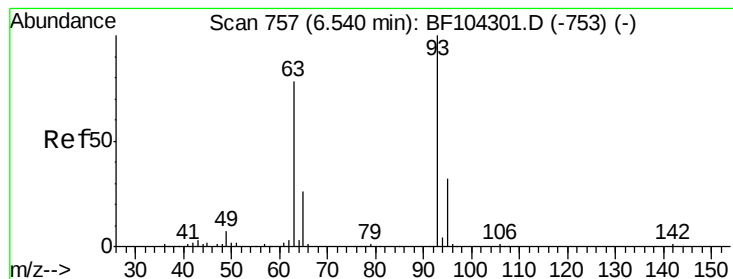
Tot Ion: 77 Resp: 213535
Ion Ratio Lower Upper
77 100
105 103.8 81.1 121.1
106 98.4 74.5 114.5



#10
Phenol
Concen: 41.462 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

Tgt Ion: 94 Resp: 389052
Ion Ratio Lower Upper
94 100
65 33.0 7.9 47.9
66 53.4 16.2 56.2

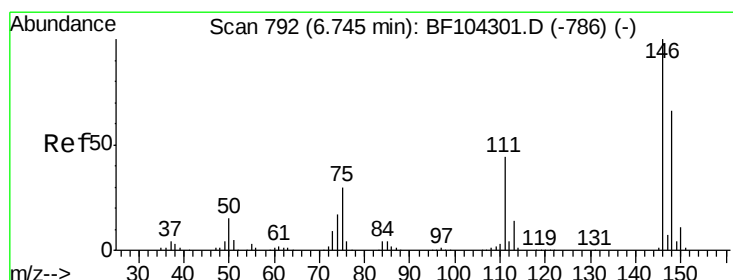
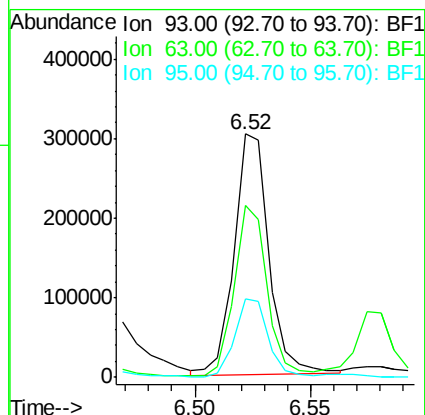
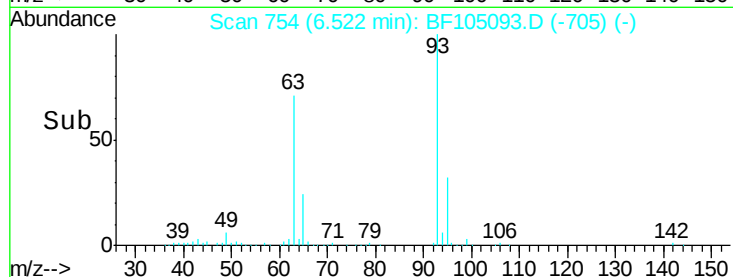
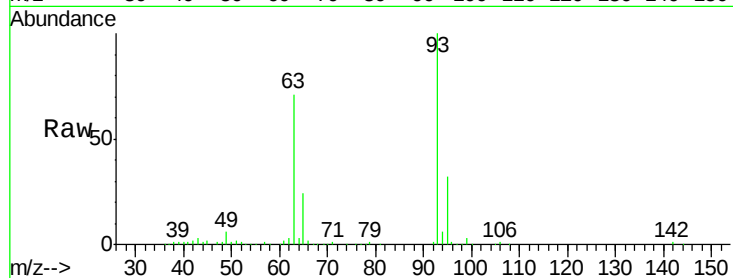




#11
 bis(2-Chloroethyl)ether
 Concen: 42.373 ng
 RT: 6.52 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

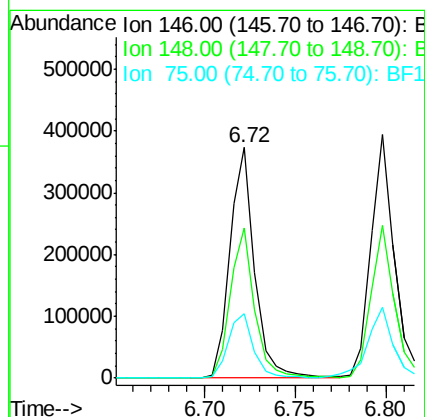
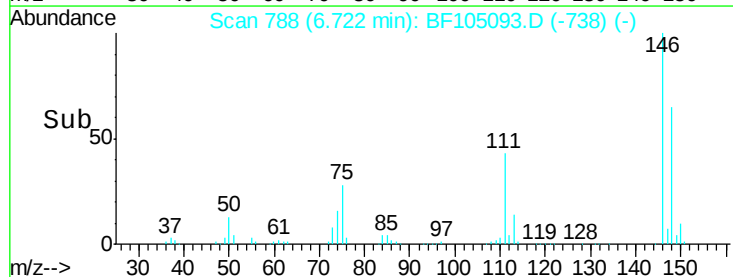
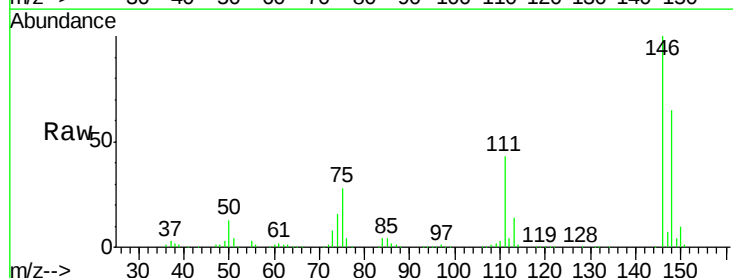
Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMSD

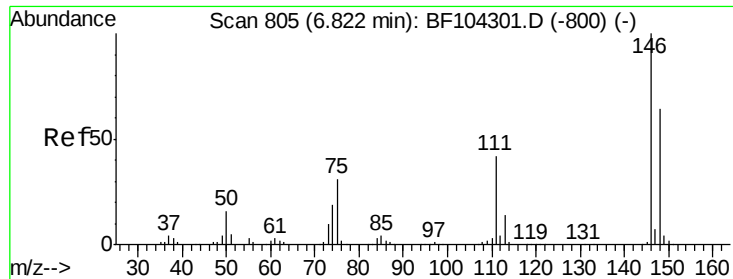
Tot Ion: 93 Resp: 317289
 Ion Ratio Lower Upper
 93 100
 63 70.7 58.6 98.6
 95 32.5 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 41.164 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

Tgt Ion: 146 Resp: 354279
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.8 77.8
 75 28.1 24.2 36.4

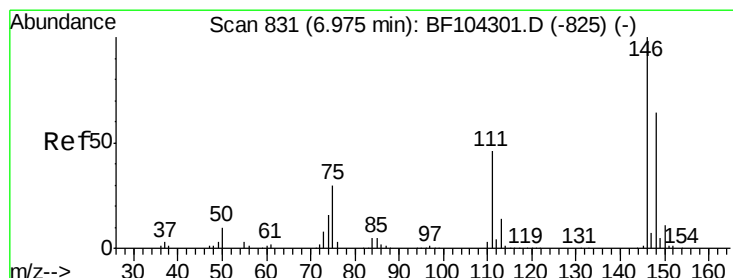
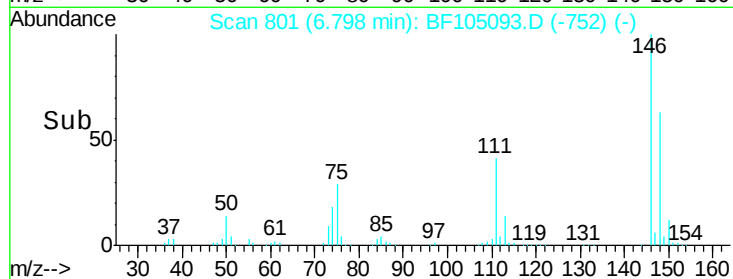
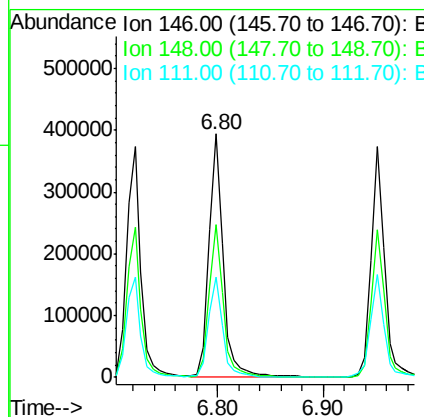
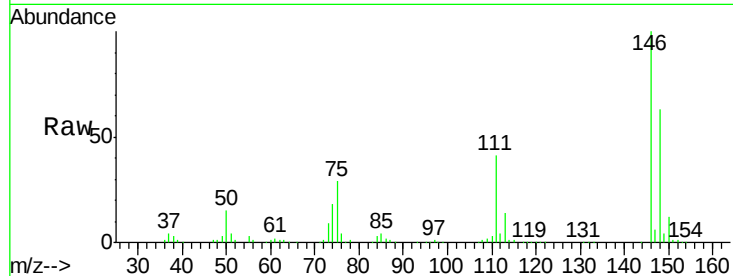




#13
 1,4-Dichlorobenzene
 Concen: 43.055 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

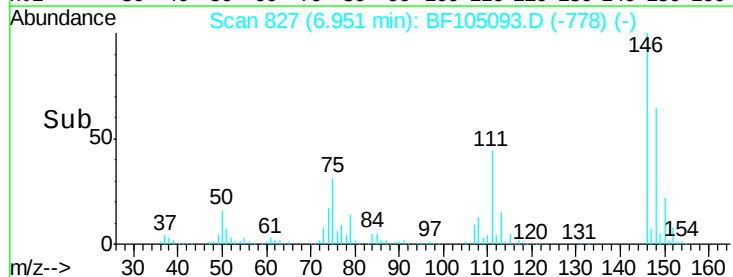
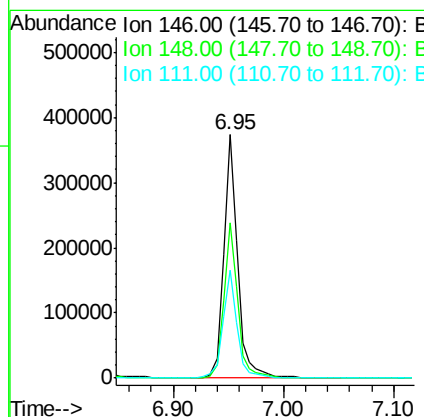
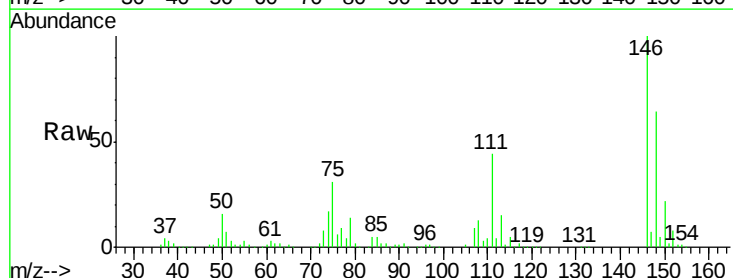
Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMSD

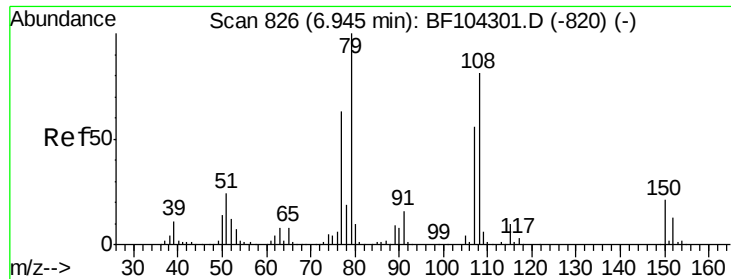
Tot Ion:146 Resp: 369382
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.8 76.2
 111 41.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.006 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

Tgt Ion:146 Resp: 326010
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 44.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 36.808 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

Instrument :

BNA_F

ClientSampleId :

WAYNEMSD

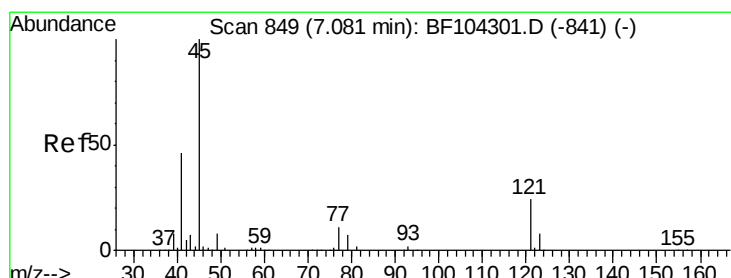
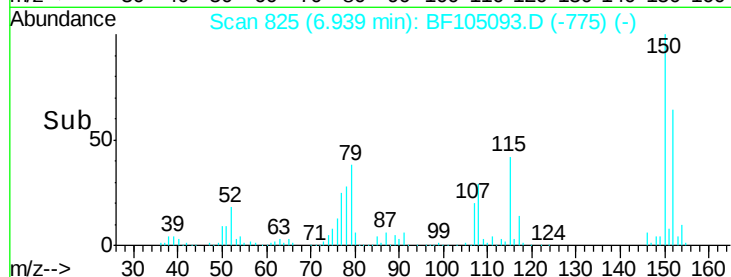
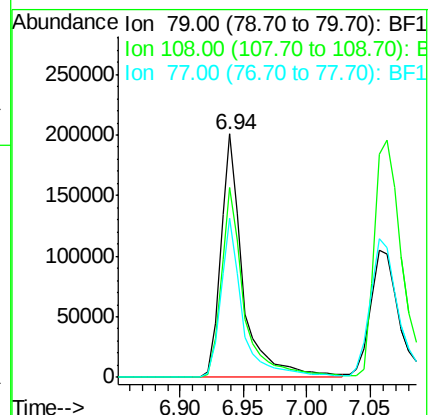
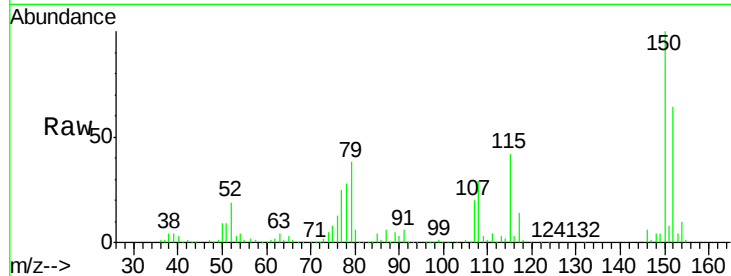
Tot Ion: 79 Resp: 247240

Ion Ratio Lower Upper

79 100

108 78.1 65.1 97.7

77 65.6 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.954 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

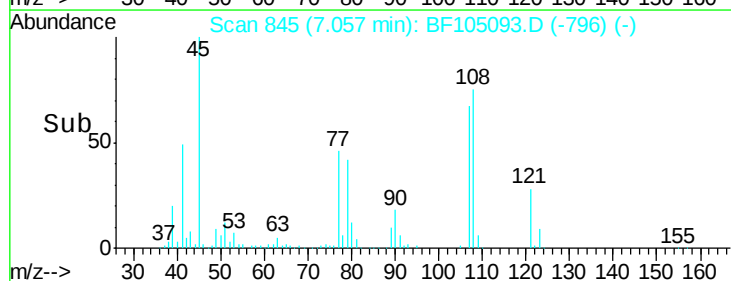
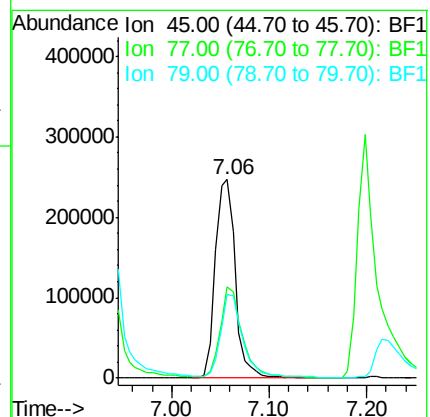
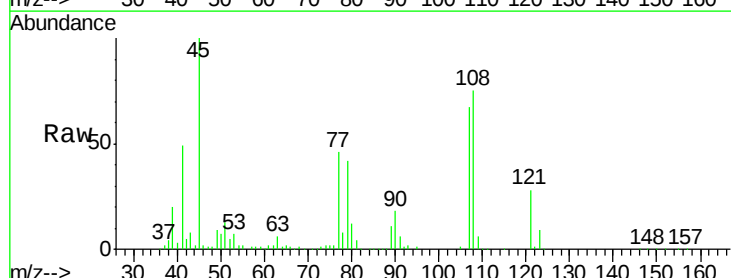
Tgt Ion: 45 Resp: 351504

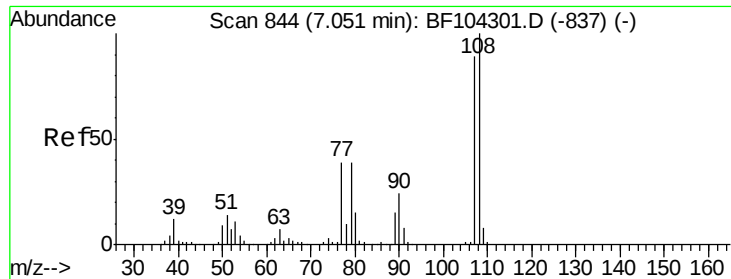
Ion Ratio Lower Upper

45 100

77 46.3 0.0 32.9#

79 42.4 0.0 29.6#





#17

2-Methylphenol

Concen: 41.004 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

Instrument :

BNA_F

ClientSampleId :

WAYNEMSD

Tot Ion:107 Resp: 270777

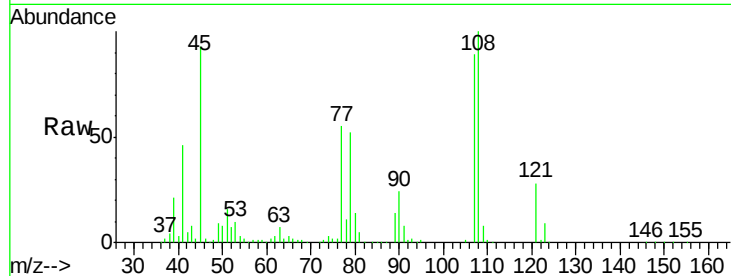
Ion Ratio Lower Upper

107 100

108 112.9 91.7 137.5

77 61.6 33.8 50.8#

79 58.9 33.8 50.8#

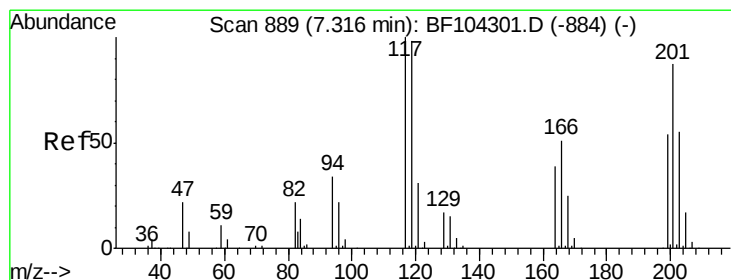
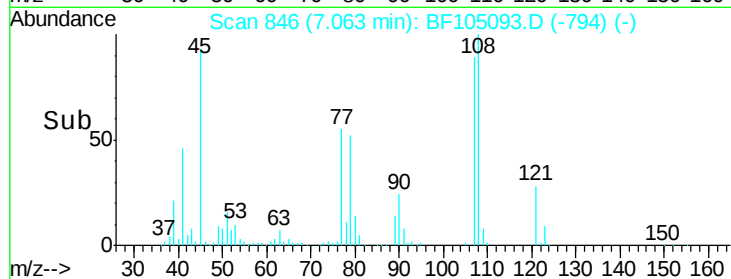
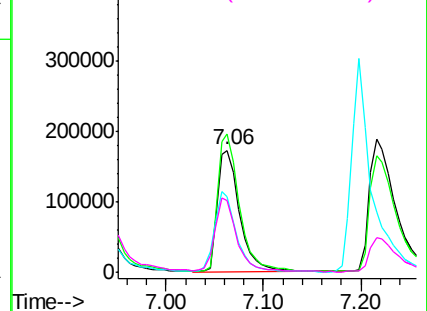


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.384 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

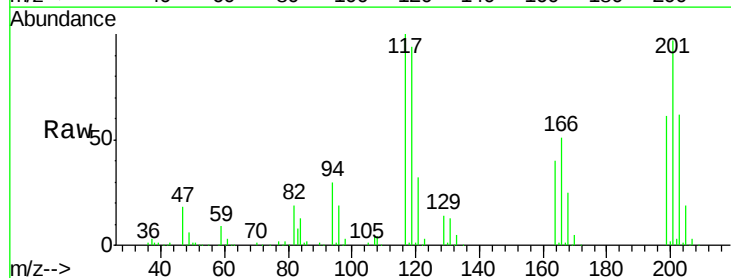
Tgt Ion:117 Resp: 120471

Ion Ratio Lower Upper

117 100

119 94.2 75.8 113.8

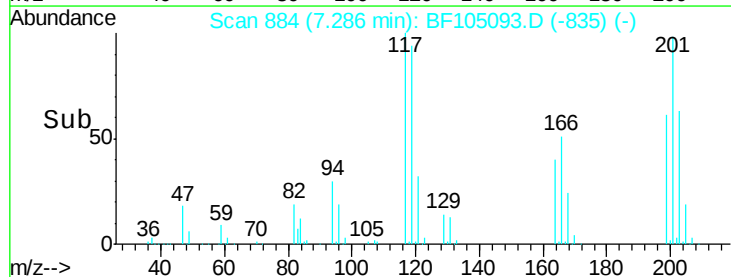
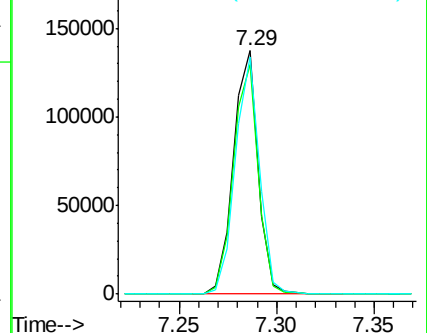
201 97.3 75.7 113.5

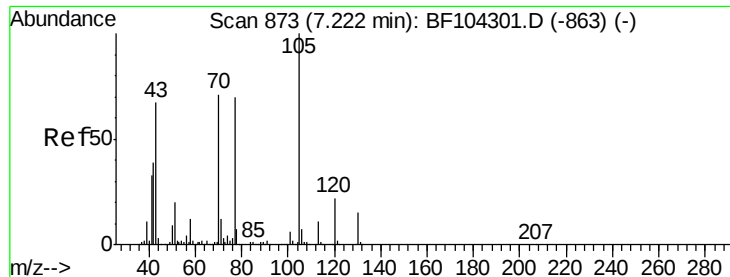


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.864 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

Instrument :

BNA_F

ClientSampleId :

WAYNEMSD

Tot Ion: 70 Resp: 218812

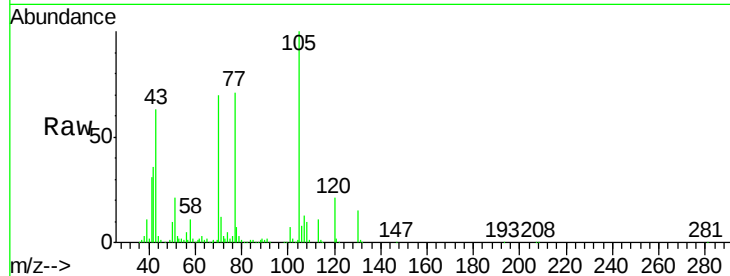
Ion Ratio Lower Upper

70 100

42 51.6 47.5 71.3

101 9.6 7.4 11.2

130 21.9 16.6 25.0

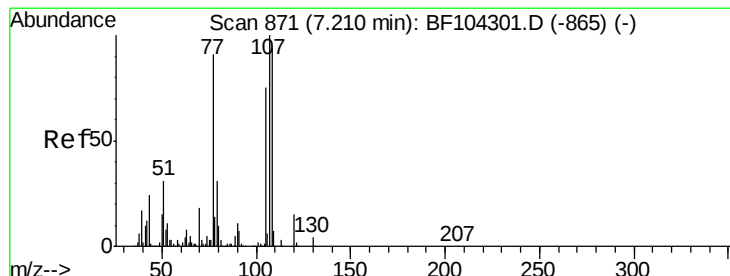
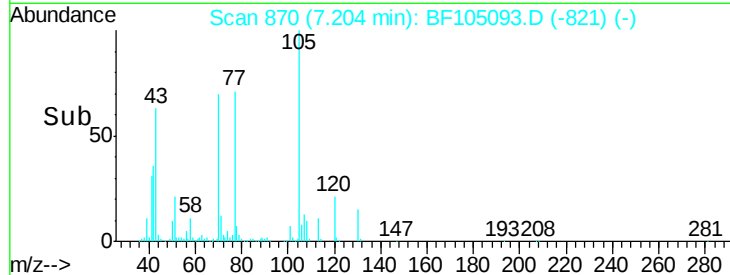
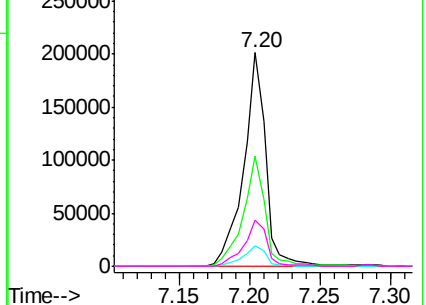


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 44.472 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

Tgt Ion: 107 Resp: 364233

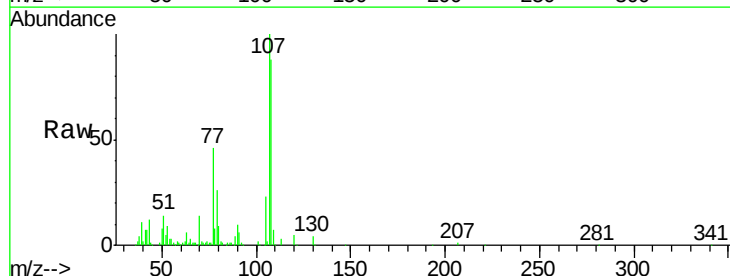
Ion Ratio Lower Upper

107 100

108 88.3 68.2 108.2

77 45.6 26.7 66.7

79 26.1 6.3 46.3

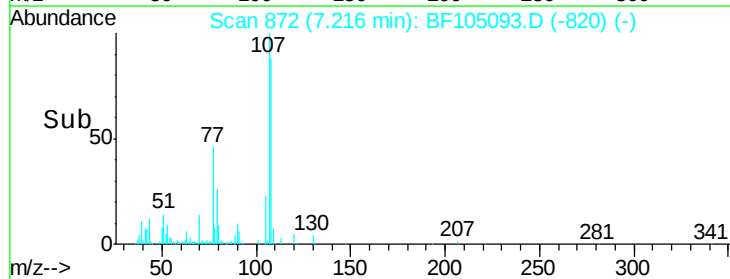
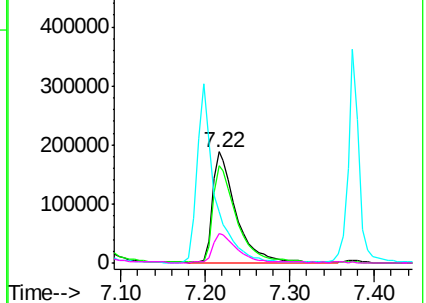


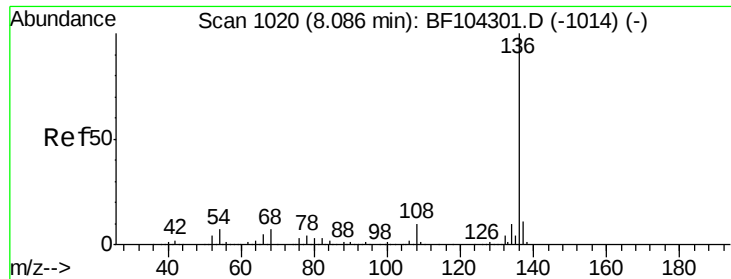
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

Instrument :

BNA_F

ClientSampleId :

WAYNEMSD

Tot Ion:136 Resp: 445385

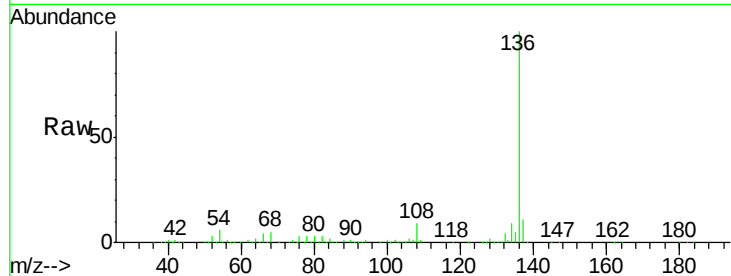
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.8 6.6 9.8#

68 5.2 5.0 7.4

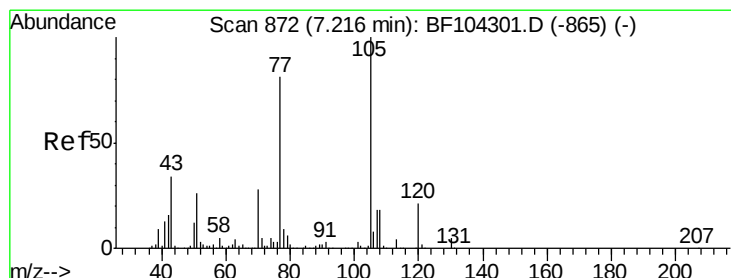
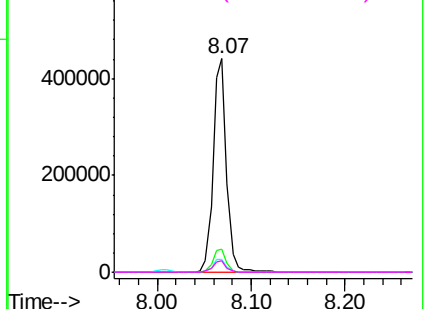
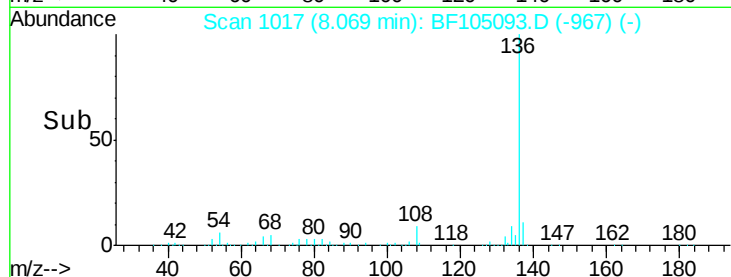


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.011 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

Tgt Ion:105 Resp: 471621

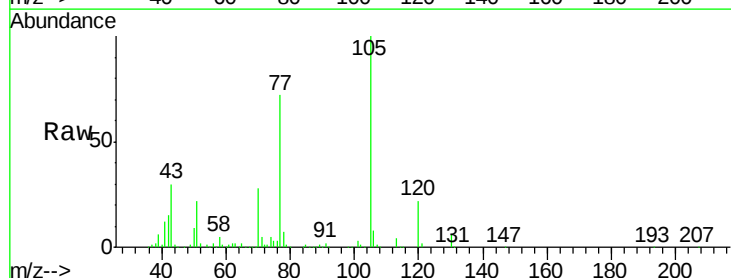
Ion Ratio Lower Upper

105 100

71 4.7 4.4 6.6

51 21.7 22.3 33.5#

120 21.6 16.9 25.3

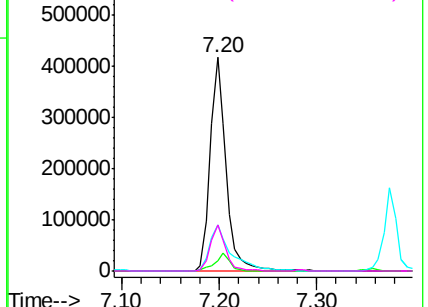
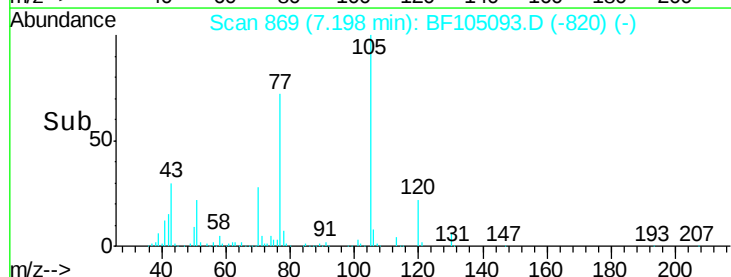


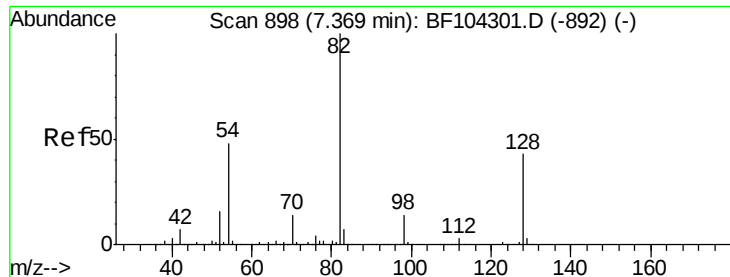
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

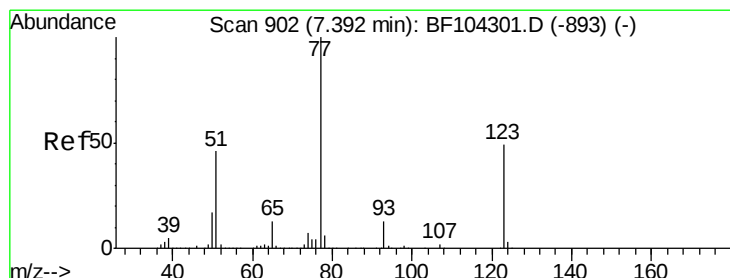
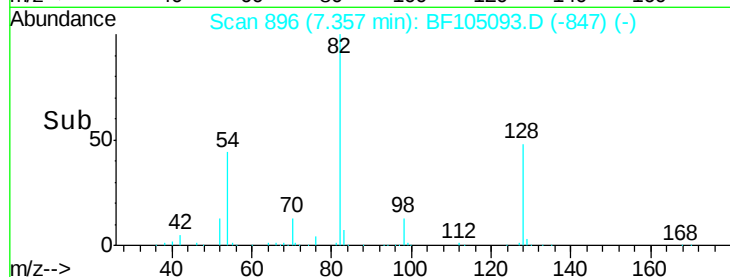
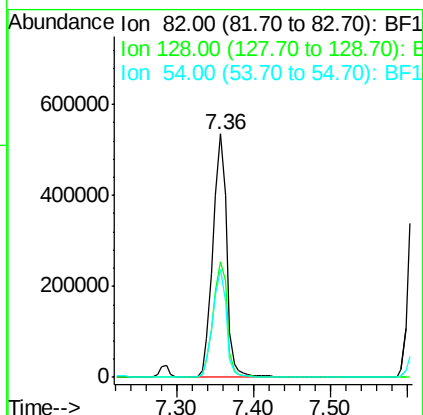
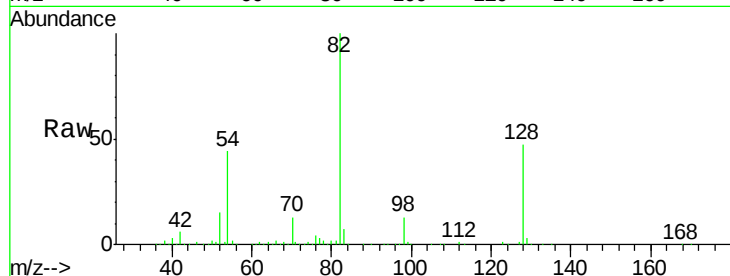




#23
Nitrobenzene-d5
Concen: 96.368 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

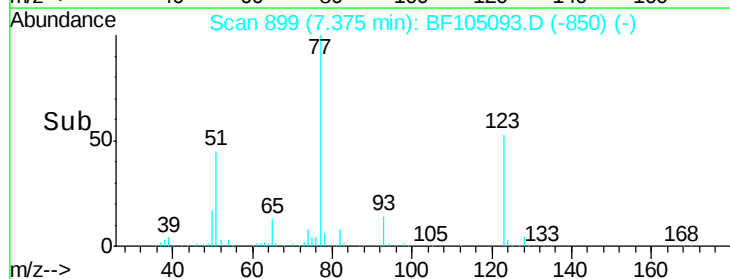
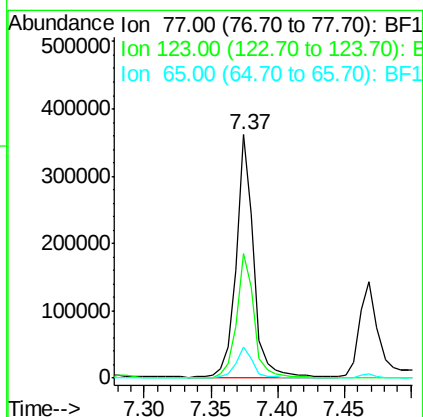
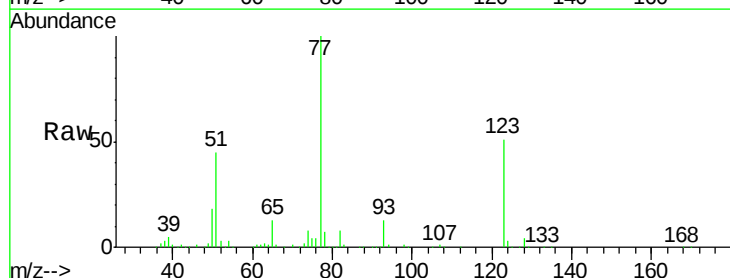
Instrument :
BNA_F
ClientSampleId :
WAYNEMSD

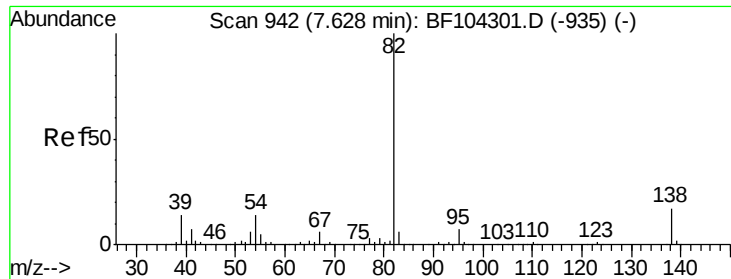
Tot Ion: 82 Resp: 657307
Ion Ratio Lower Upper
82 100
128 47.5 36.1 54.1
54 44.4 41.4 62.2



#24
Nitrobenzene
Concen: 44.182 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

Tgt Ion: 77 Resp: 332720
Ion Ratio Lower Upper
77 100
123 50.9 37.9 56.9
65 12.7 11.0 16.4





#25

Isophorone

Concen: 41.714 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

Instrument :

BNA_F

ClientSampleId :

WAYNEMSD

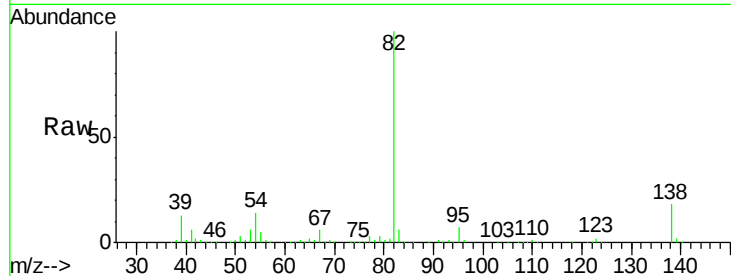
Tot Ion: 82 Resp: 601669

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

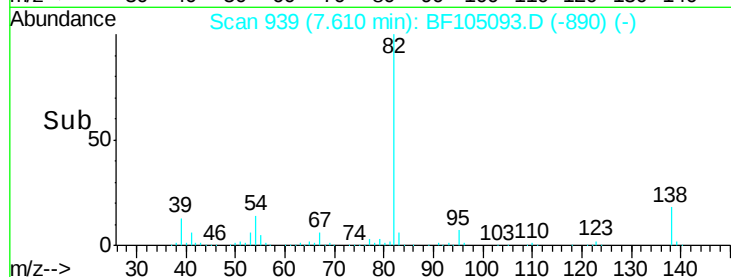
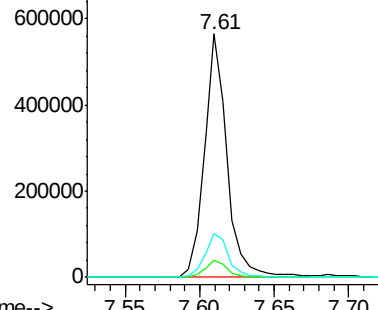
138 18.2 14.9 22.3



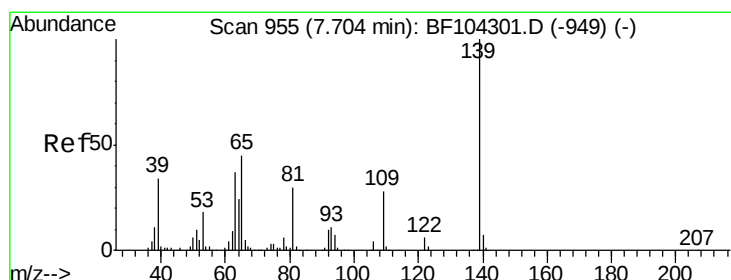
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



Time-->



#26

2-Nitrophenol

Concen: 60.726 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

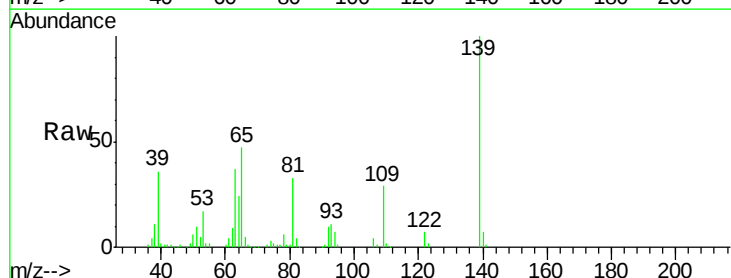
Tgt Ion: 139 Resp: 186171

Ion Ratio Lower Upper

139 100

109 29.3 22.7 34.1

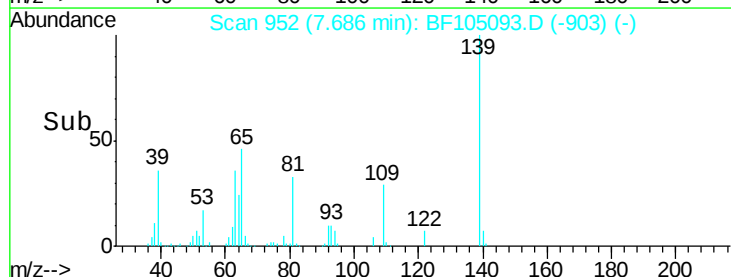
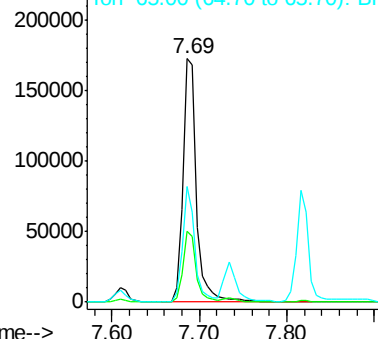
65 47.4 40.5 60.7



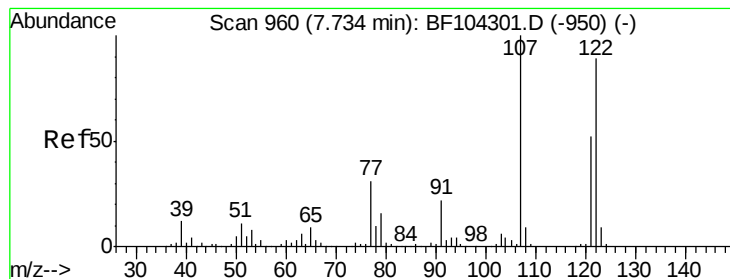
Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



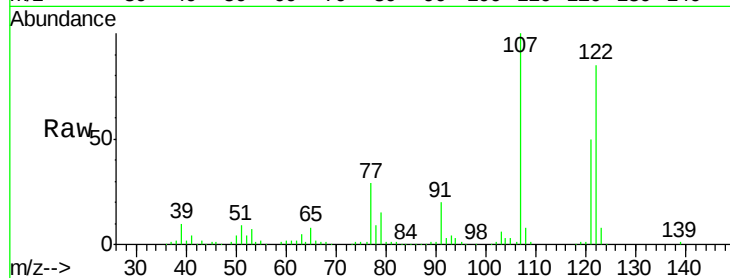
Time-->



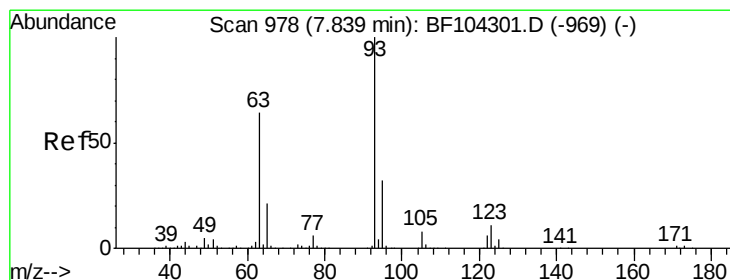
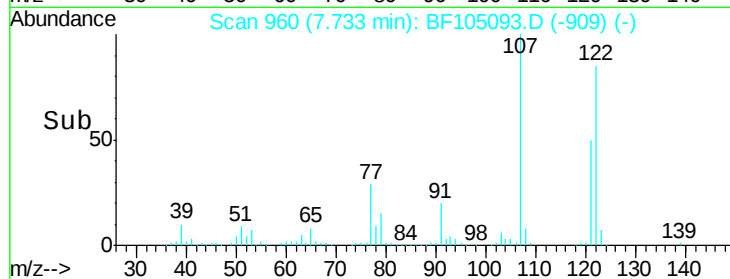
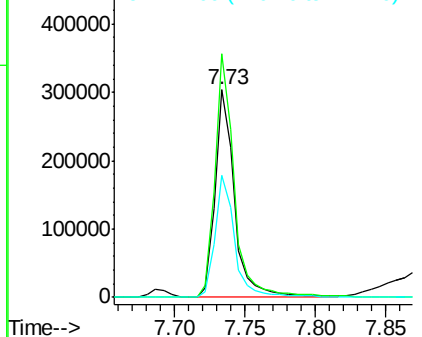
#27
 2,4-Dimethylphenol
 Concen: 45.726 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMSD

Tot Ion:122 Resp: 291072
 Ion Ratio Lower Upper
 122 100
 107 117.2 91.2 136.8
 121 58.8 47.2 70.8

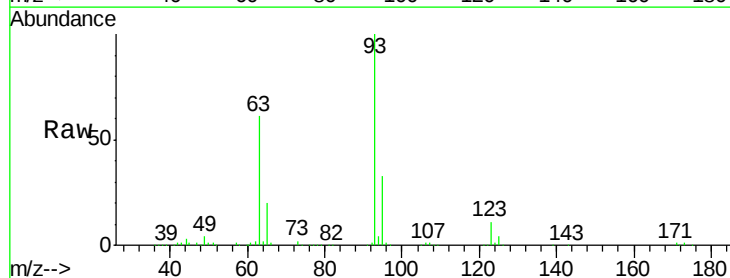


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

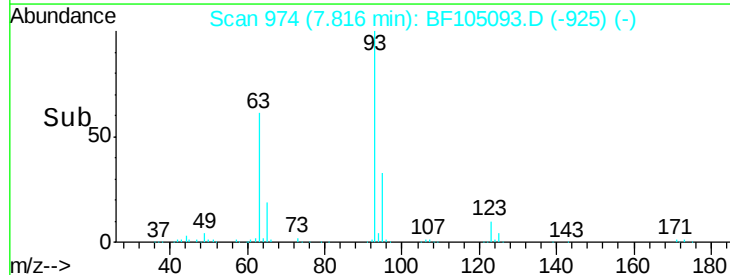
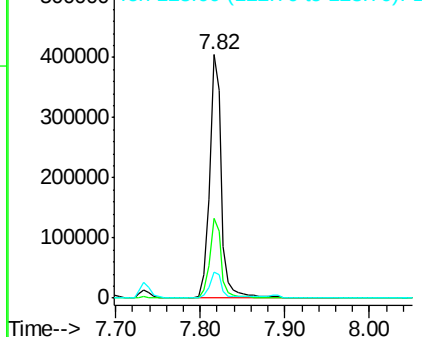


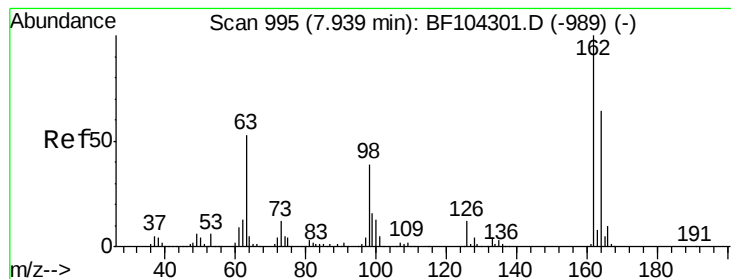
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.172 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

Tgt Ion: 93 Resp: 398362
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 10.6 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: 47.190 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

Instrument :

BNA_F

ClientSampleId :

WAYNEMSD

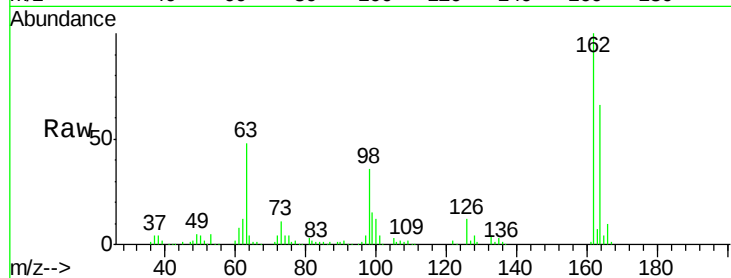
Tot Ion:162 Resp: 286619

Ion Ratio Lower Upper

162 100

164 66.5 42.7 82.7

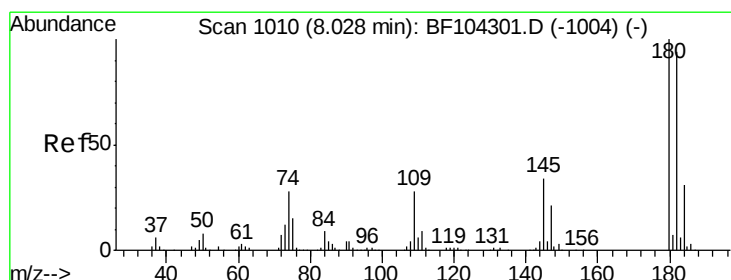
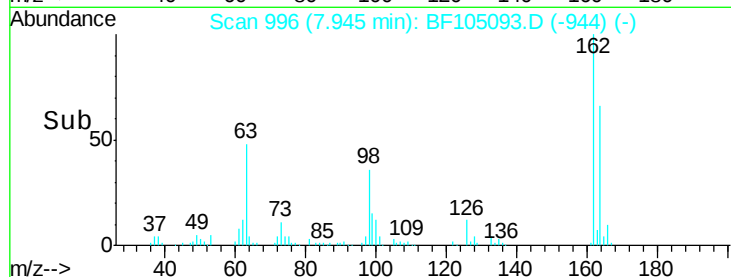
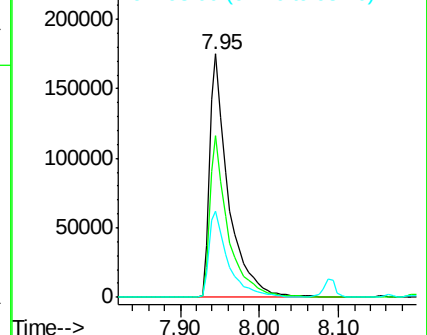
98 35.5 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 43.637 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

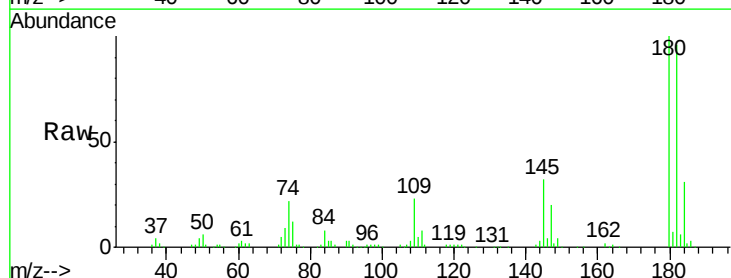
Tgt Ion:180 Resp: 290866

Ion Ratio Lower Upper

180 100

182 95.9 76.8 115.2

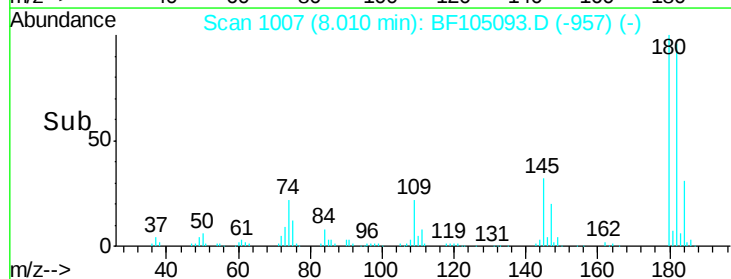
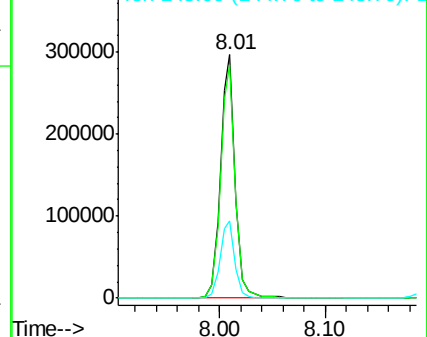
145 32.0 26.5 39.7

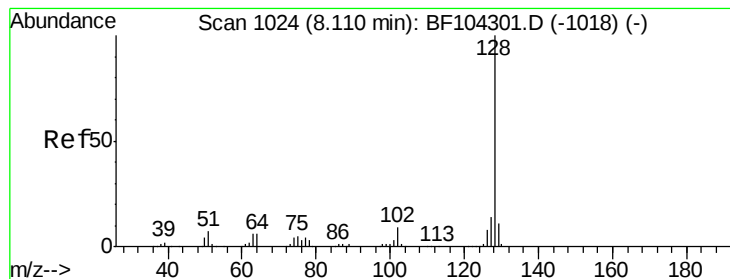


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.153 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

Instrument :

BNA_F

ClientSampleId :

WAYNEMSD

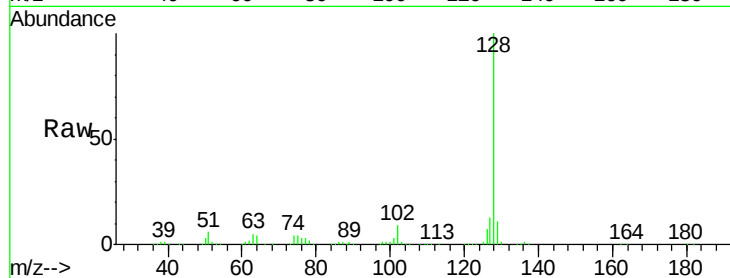
Tot Ion:128 Resp: 934859

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

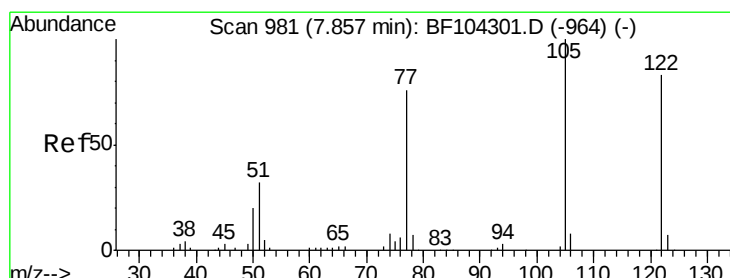
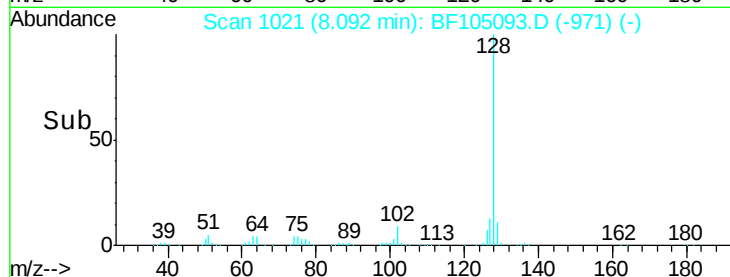
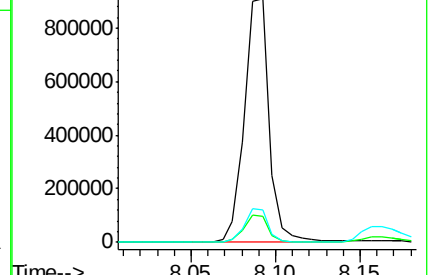
127 13.3 10.9 16.3



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: 27.603 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

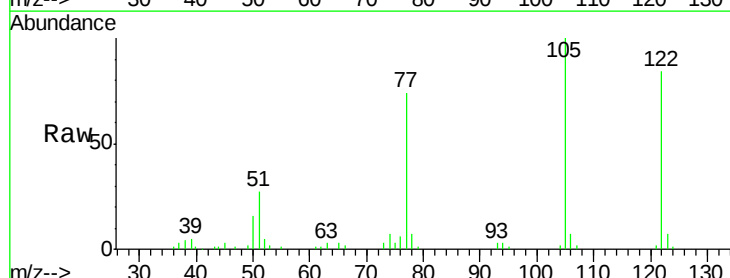
Tgt Ion:122 Resp: 140197

Ion Ratio Lower Upper

122 100

105 119.4 101.1 141.1

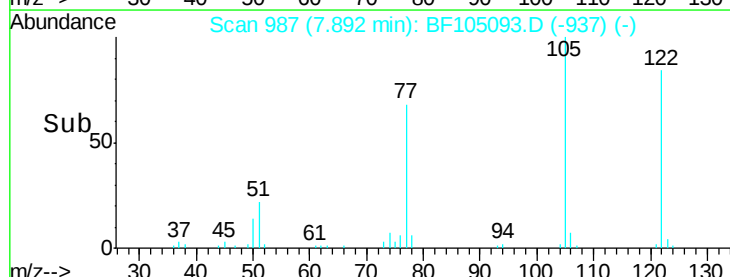
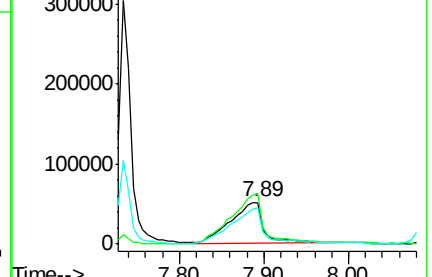
77 88.0 70.7 110.7

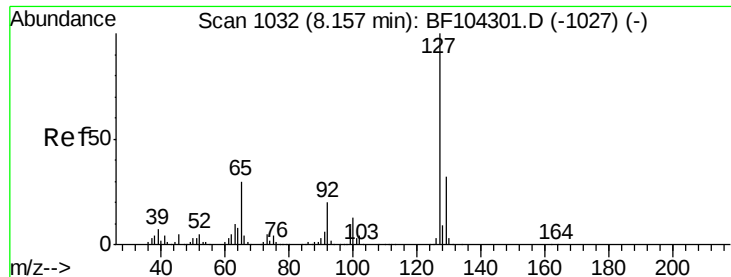


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

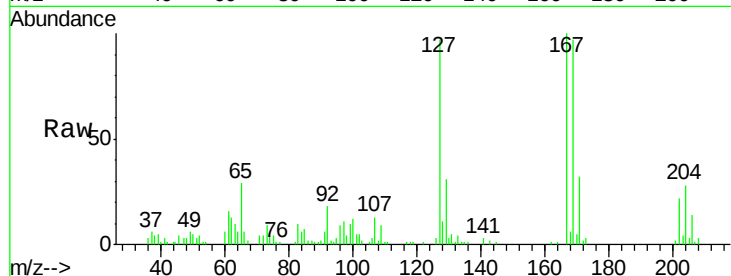




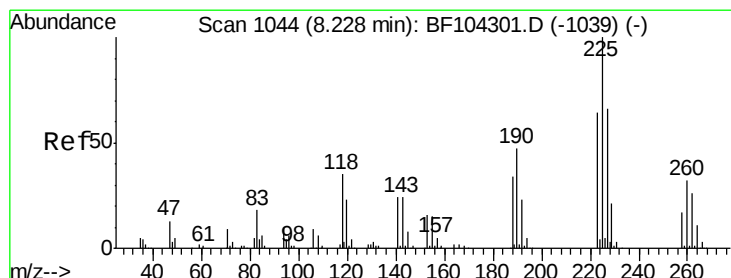
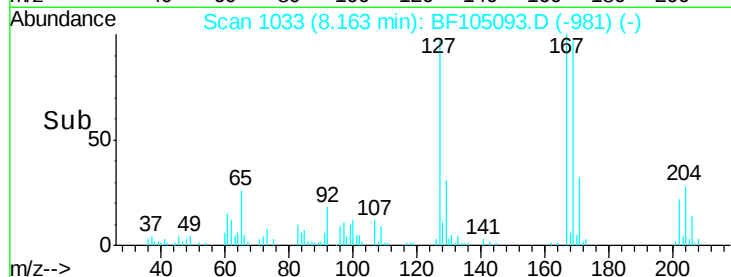
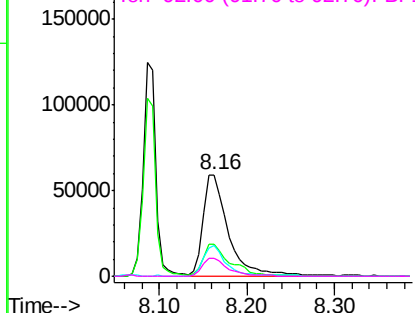
#33
4-Chloroaniline
Concen: 12.390 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

Instrument :
BNA_F
ClientSampleId :
WAYNEMSD

Tot Ion:127	Resp:	117720
Ion	Ratio	Lower Upper
127	100	
129	32.1	25.9 38.9
65	30.0	25.0 37.4
92	18.3	15.2 22.8

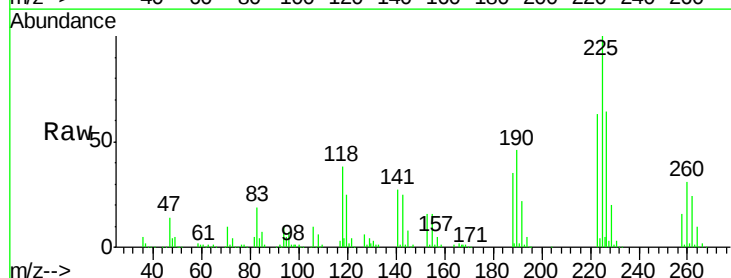


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

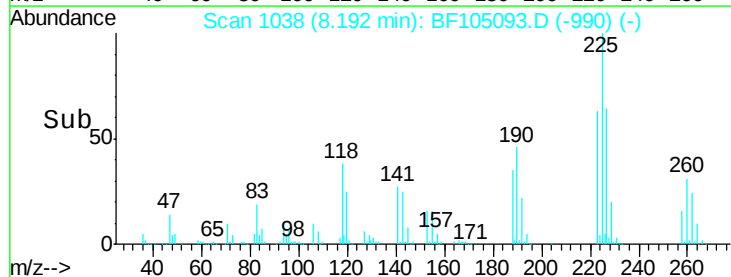
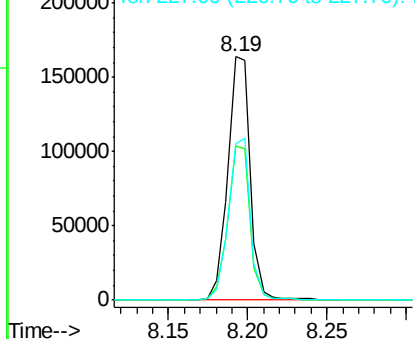


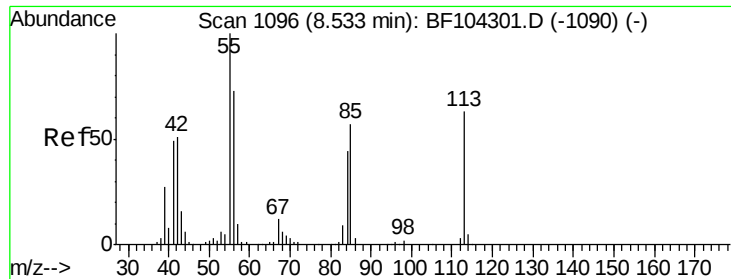
#34
Hexachlorobutadiene
Concen: 44.200 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

Tgt Ion:225	Resp:	161377
Ion	Ratio	Lower Upper
225	100	
223	63.1	50.6 76.0
227	64.1	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

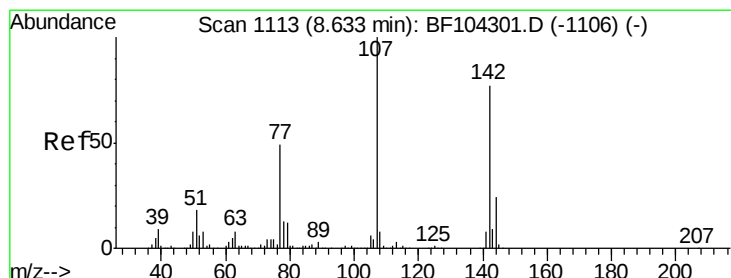
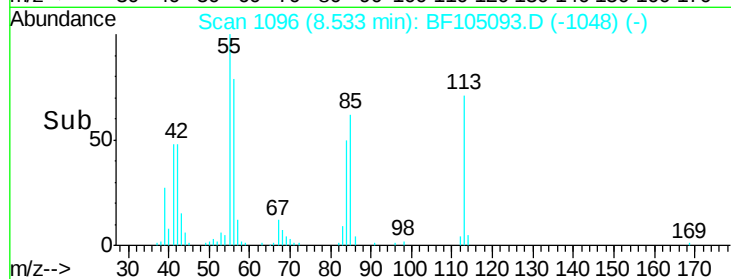
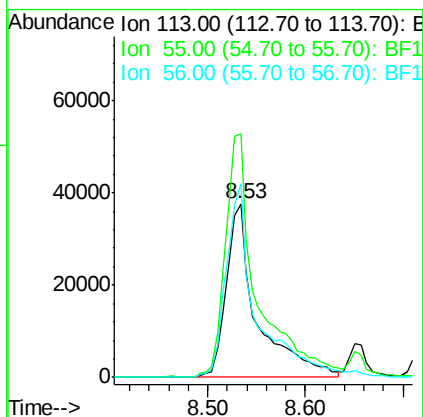
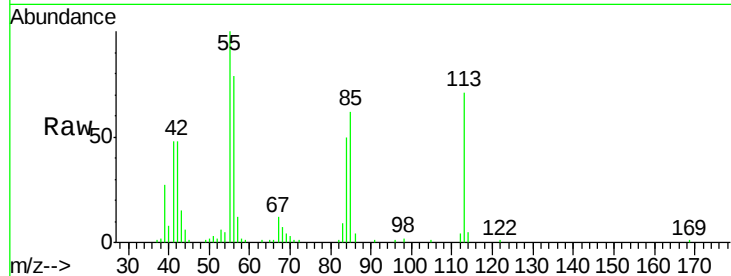




#35
 Caprolactam
 Concen: 38.973 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

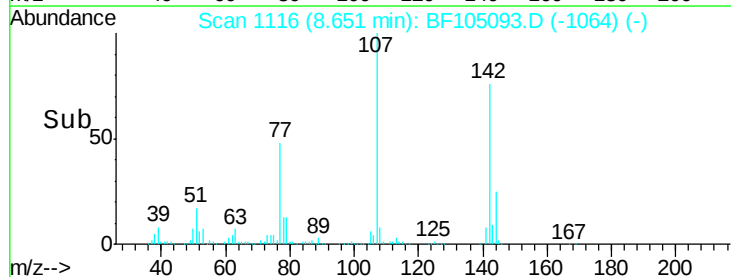
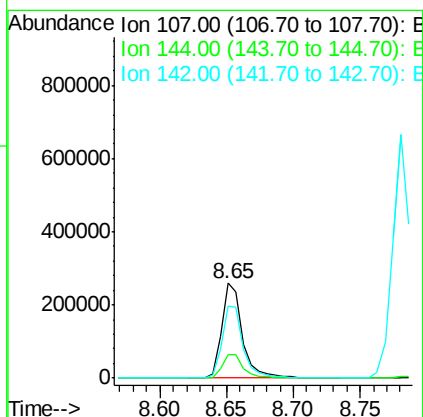
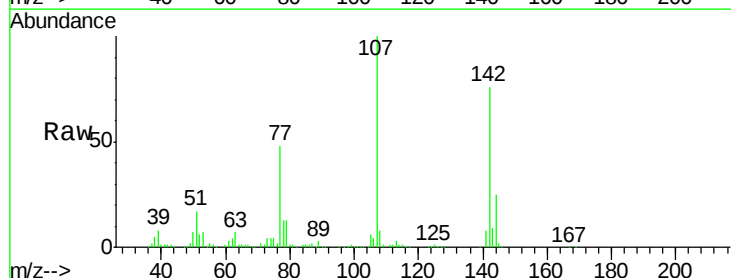
Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMSD

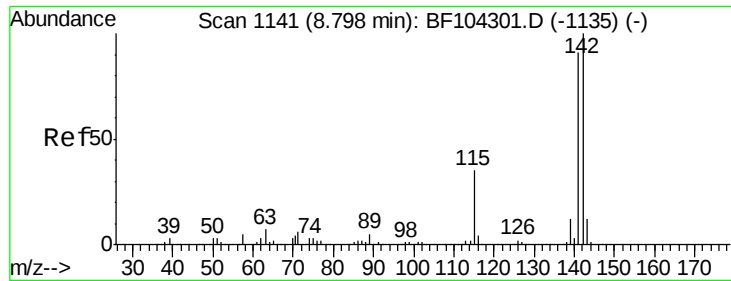
Tot Ion:113 Resp: 82577
 Ion Ratio Lower Upper
 113 100
 55 140.2 163.3 203.3#
 56 111.4 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 43.803 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

Tgt Ion:107 Resp: 285272
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.5 30.7
 142 76.5 62.0 93.0

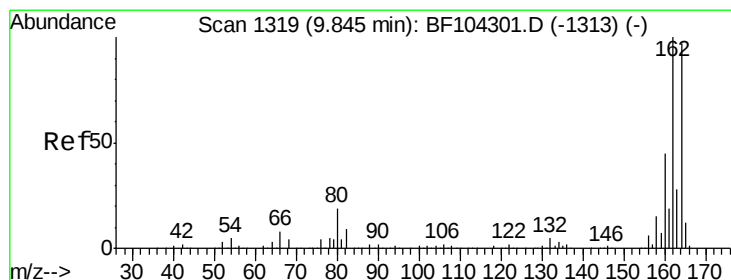
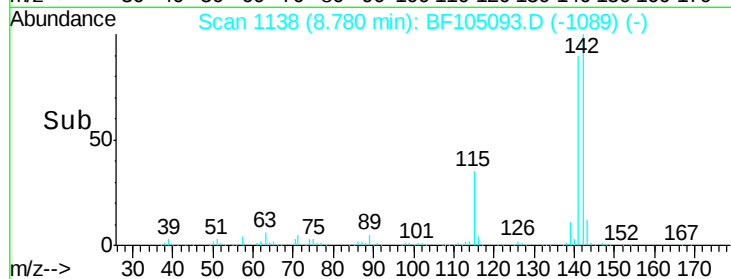
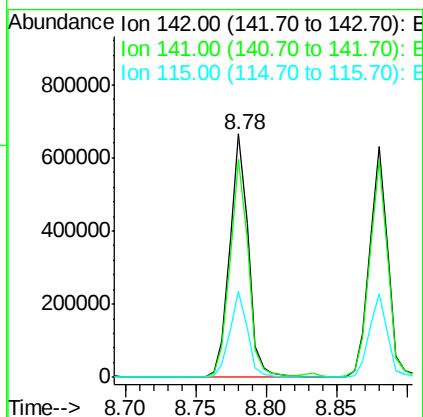
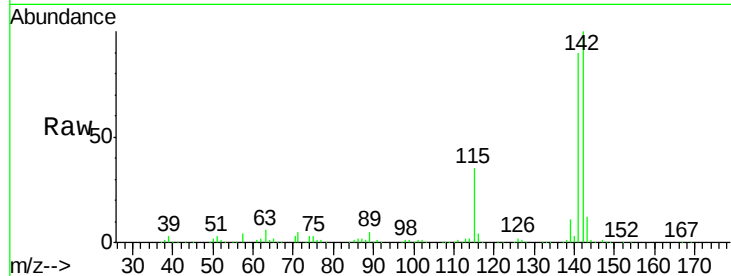




#37
2-Methylnaphthalene
Concen: 42.187 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

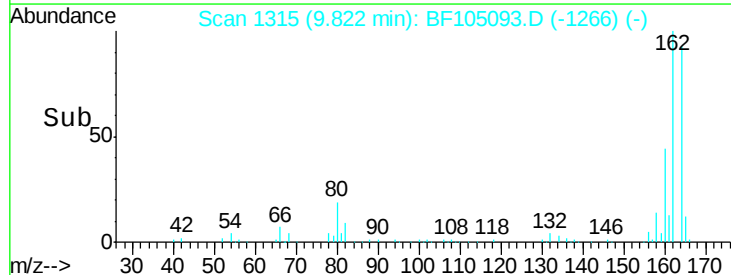
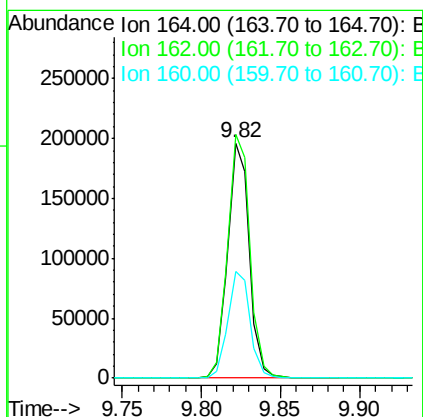
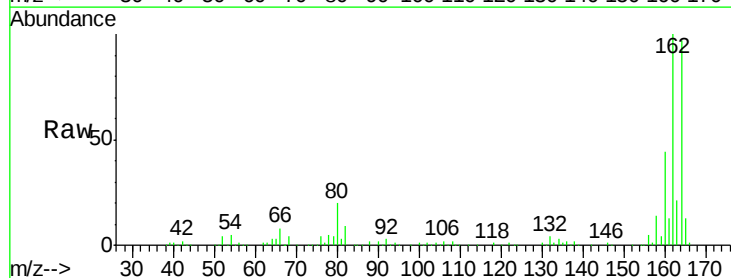
Instrument :
BNA_F
ClientSampleId :
WAYNEMSD

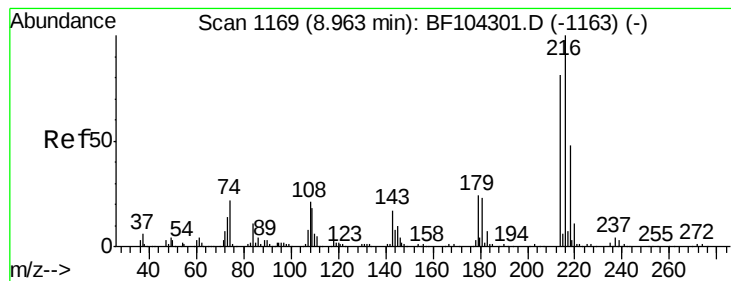
Tot Ion:142 Resp: 605195
Ion Ratio Lower Upper
142 100
141 89.6 70.8 106.2
115 35.1 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

Tgt Ion:164 Resp: 184929
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 45.2 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.366 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

Instrument :

BNA_F

ClientSampleId :

WAYNEMSD

Tot Ion:216 Resp: 266624

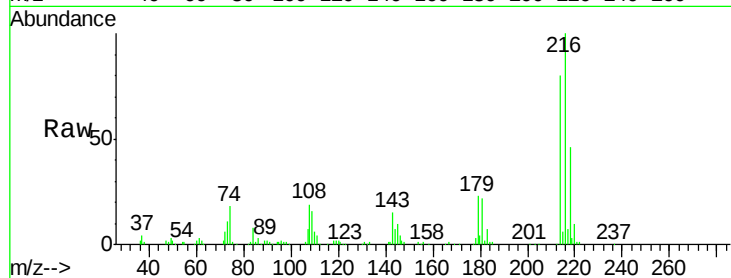
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 22.1 18.1 27.1

108 18.4 17.2 25.8

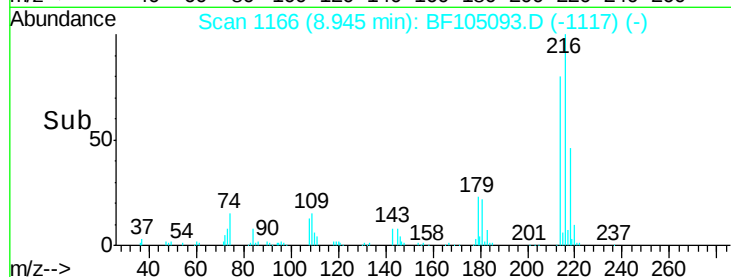


Abundance Ion 216.00 (215.70 to 216.70): E

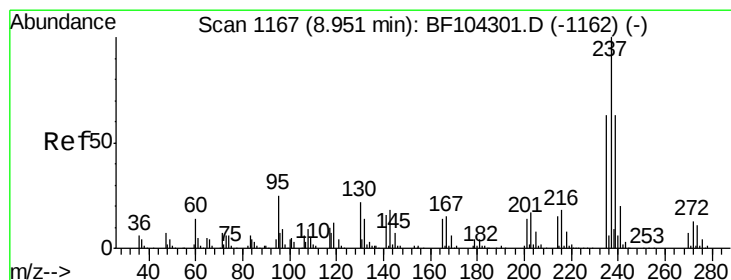
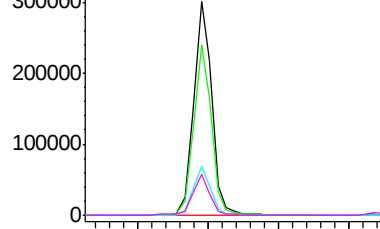
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 14.920 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

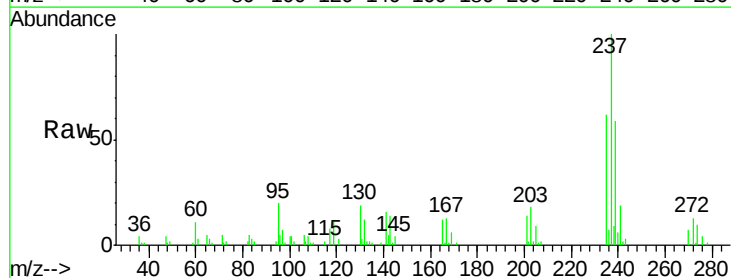
Tgt Ion:237 Resp: 44218

Ion Ratio Lower Upper

237 100

235 61.9 44.8 84.8

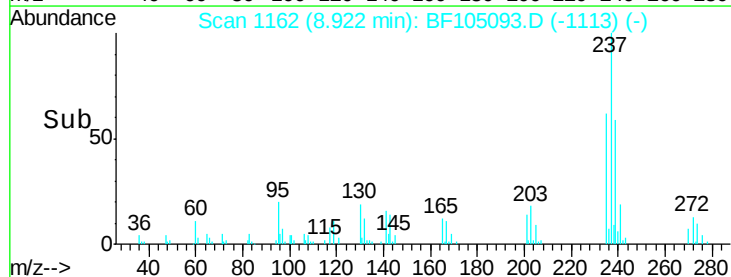
272 13.0 0.0 33.3



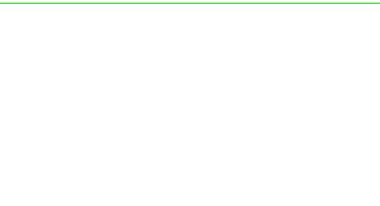
Abundance Ion 236.80 (236.50 to 237.50): E

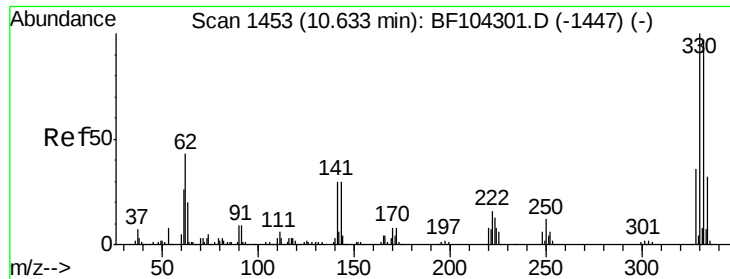
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

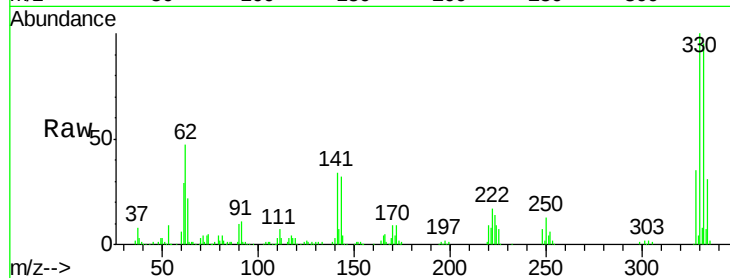




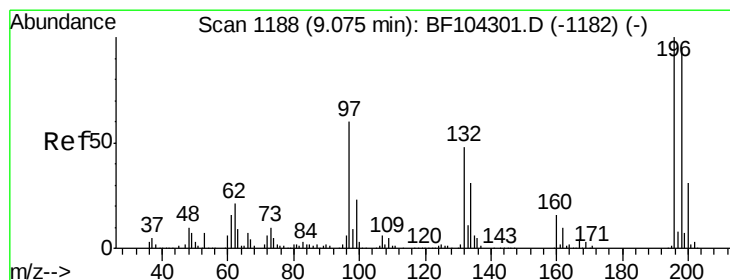
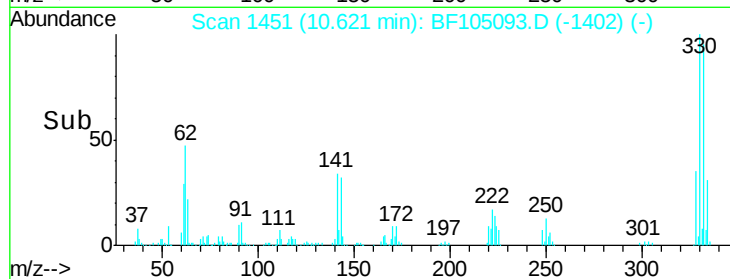
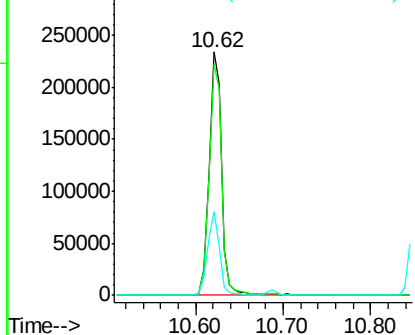
#41
 2,4,6-Tribromophenol
 Concen: 121.421 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMSD

Tot Ion:330 Resp: 232925
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 32.8 29.9 44.9

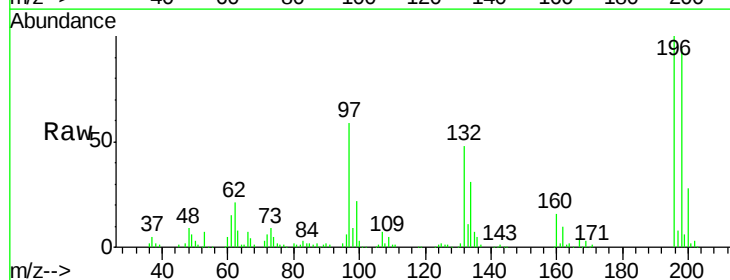


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

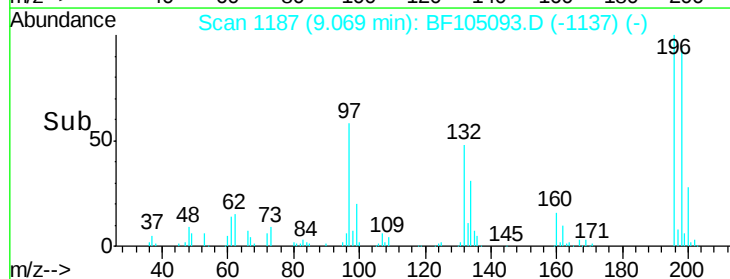
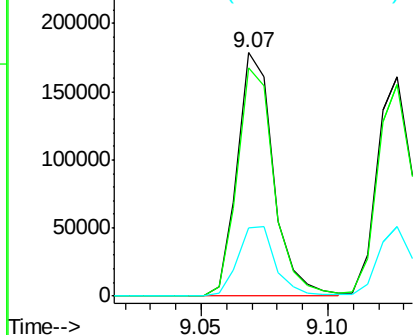


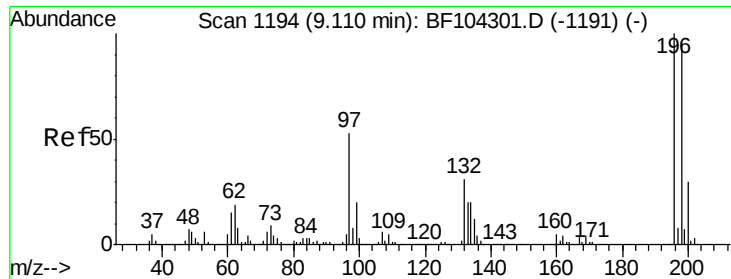
#42
 2,4,6-Trichlorophenol
 Concen: 48.533 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

Tgt Ion:196 Resp: 178350
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.7 113.5
 200 28.3 24.5 36.7



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

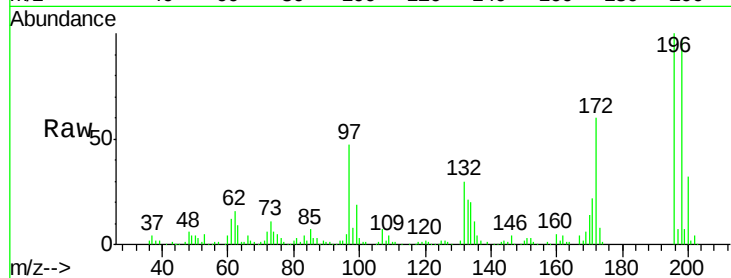




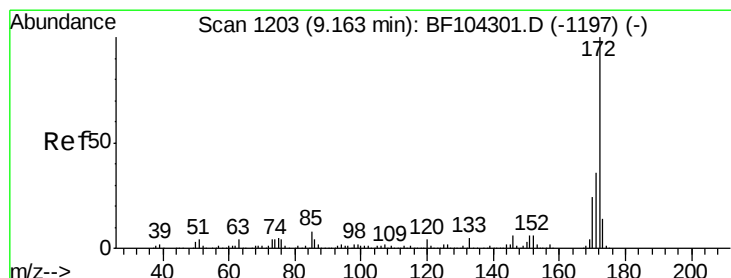
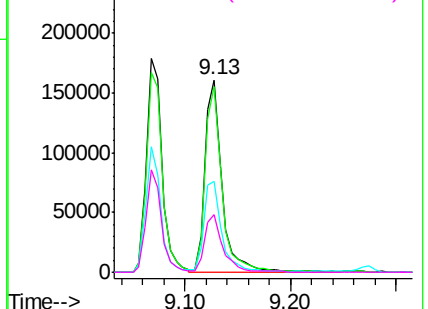
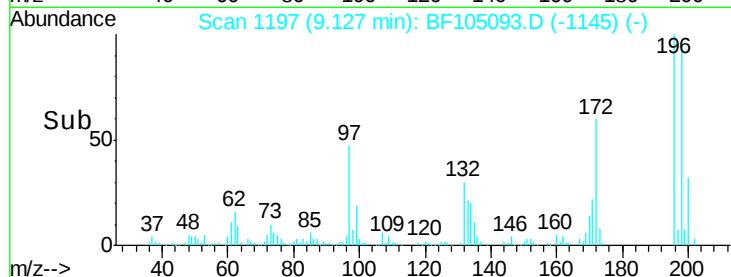
#43
 2,4,5-Trichlorophenol
 Concen: 43.510 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMSD

Tot Ion:196 Resp: 178926
 Ion Ratio Lower Upper
 196 100
 198 96.7 74.6 112.0
 97 47.3 42.9 64.3
 132 30.0 26.3 39.5

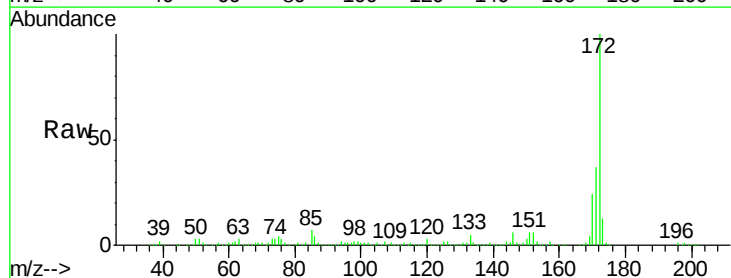


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

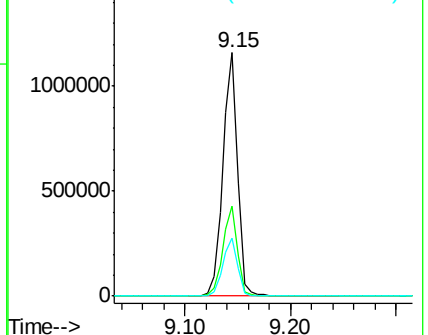
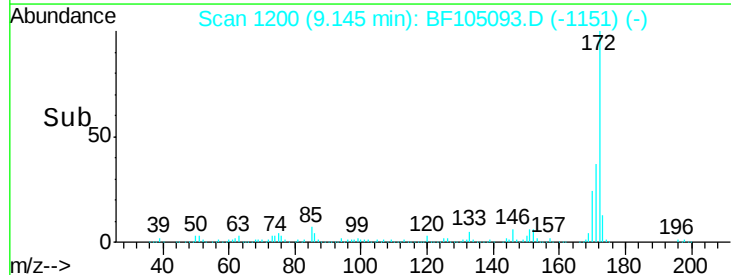


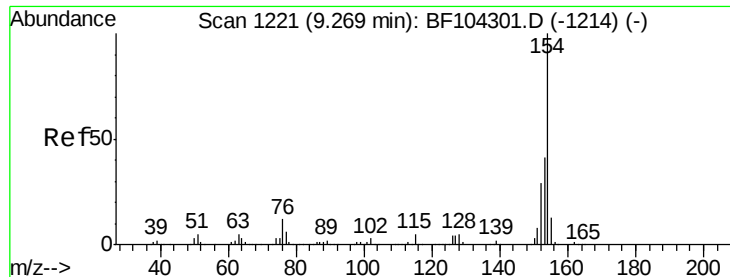
#44
 2-Fluorobiphenyl
 Concen: 96.359 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

Tgt Ion:172 Resp: 1127997
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.1 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

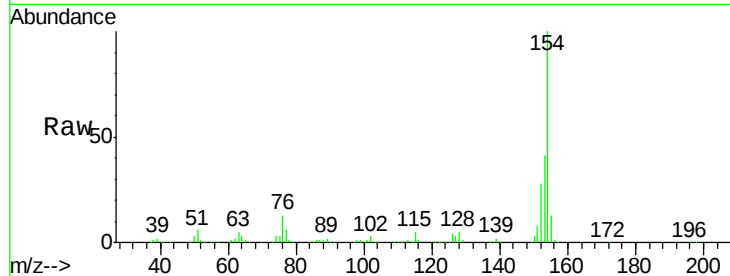




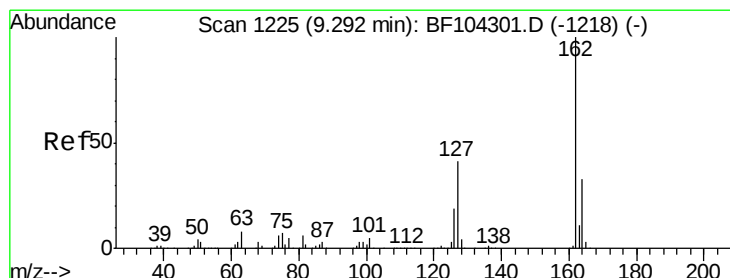
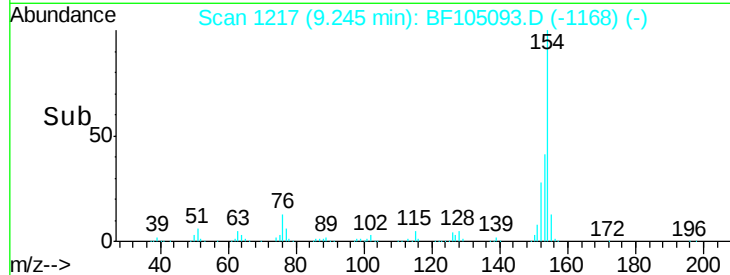
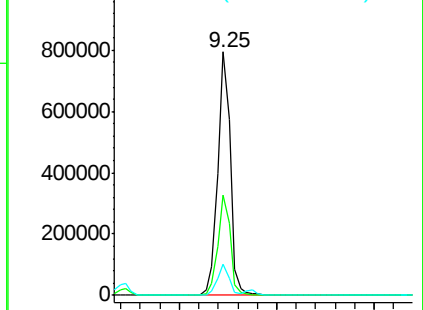
#45
 1,1'-Biphenyl
 Concen: 45.765 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMSD

Tot Ion:154 Resp: 710969
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.3 61.3
 76 12.7 0.0 34.0

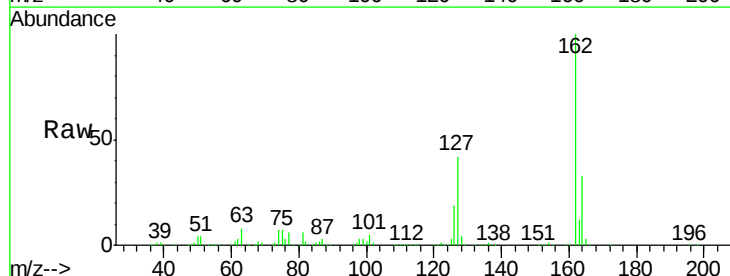


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

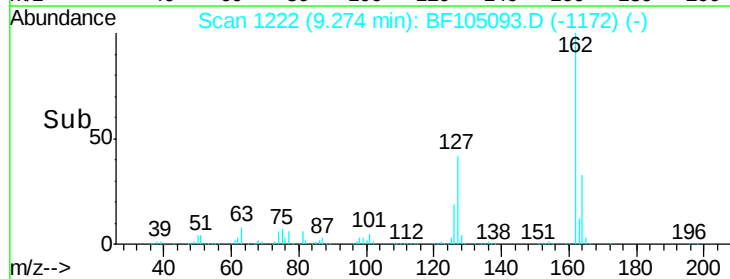
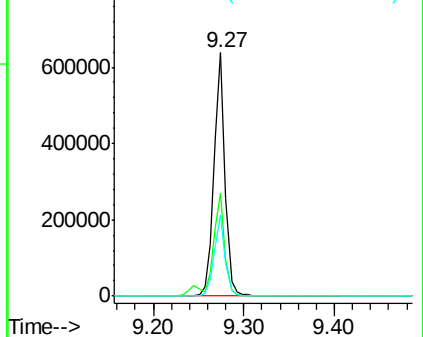


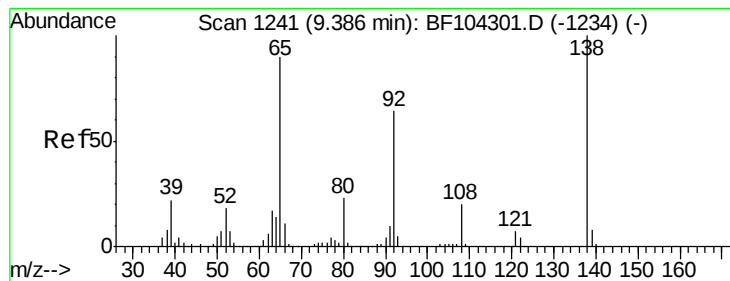
#46
 2-Chloronaphthalene
 Concen: 44.500 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

Tgt Ion:162 Resp: 546057
 Ion Ratio Lower Upper
 162 100
 127 42.1 33.9 50.9
 164 33.1 26.5 39.7



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





#47

2-Nitroaniline

Concen: 51.400 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

Instrument :

BNA_F

ClientSampleId :

WAYNEMSD

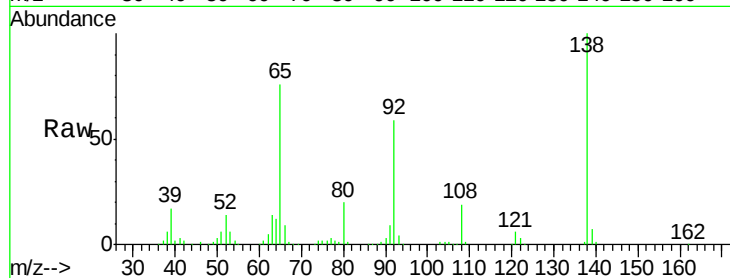
Tot Ion: 65 Resp: 155978

Ion Ratio Lower Upper

65 100

92 77.8 55.8 83.6

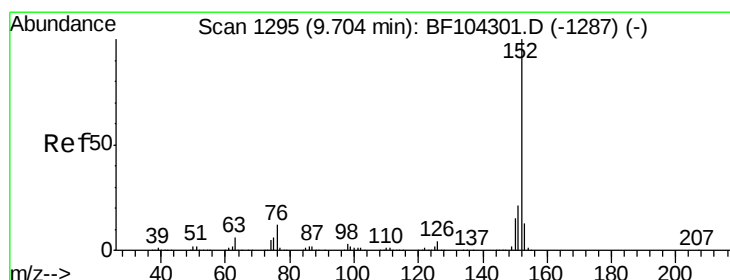
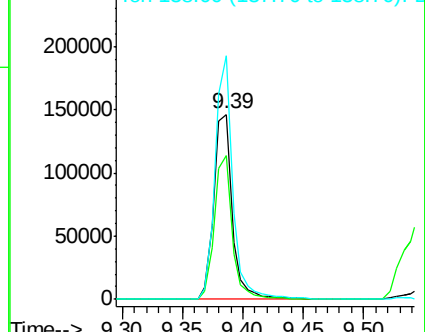
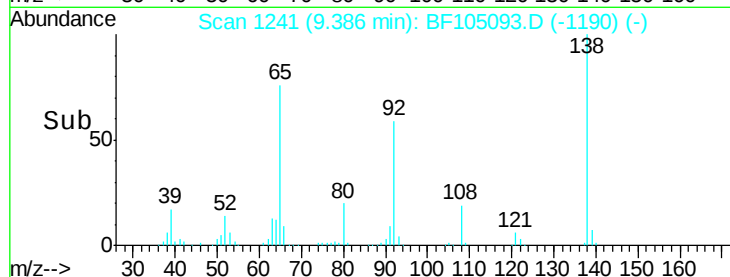
138 131.7 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 39.903 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

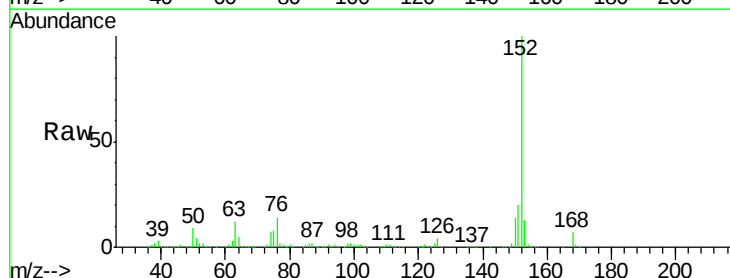
Tgt Ion: 152 Resp: 768247

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

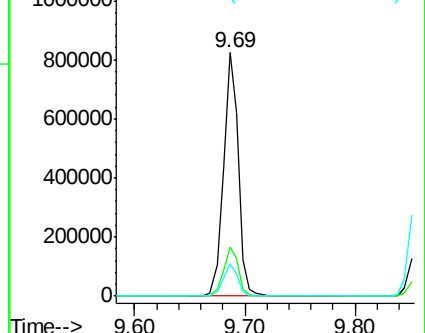
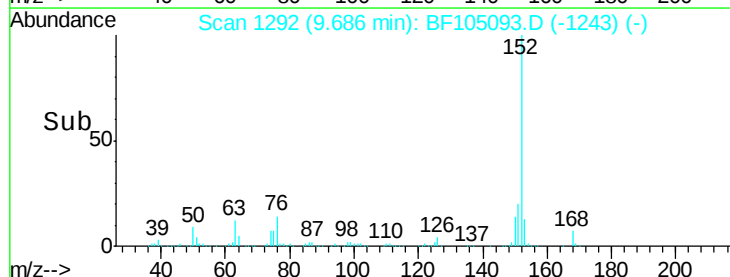
153 13.3 10.7 16.1

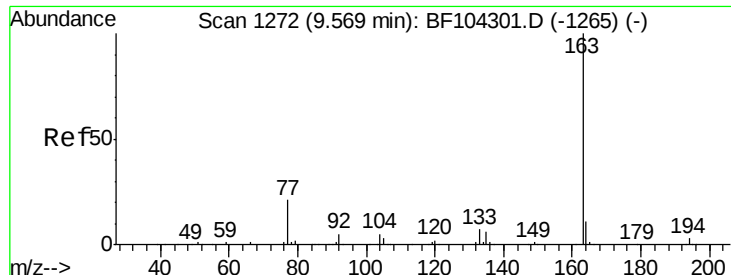


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1

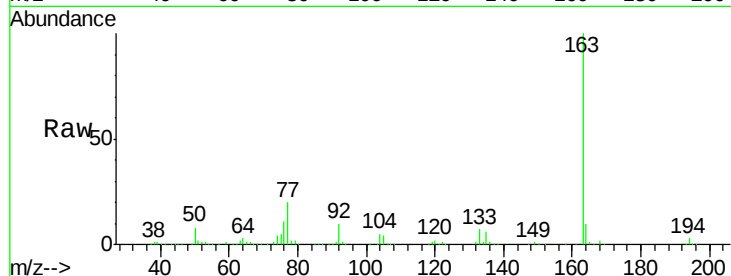




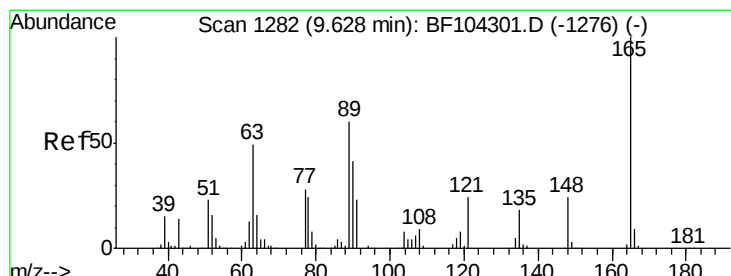
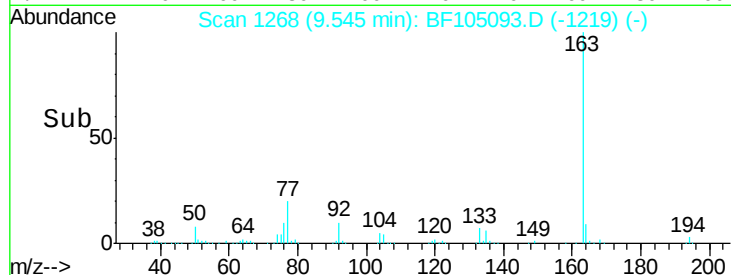
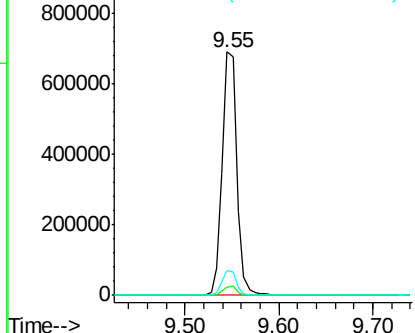
#49
Dimethylphthalate
Concen: 51.602 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

Instrument :
BNA_F
ClientSampleId :
WAYNEMSD

Tot Ion:163 Resp: 752516
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.0 8.2 12.2

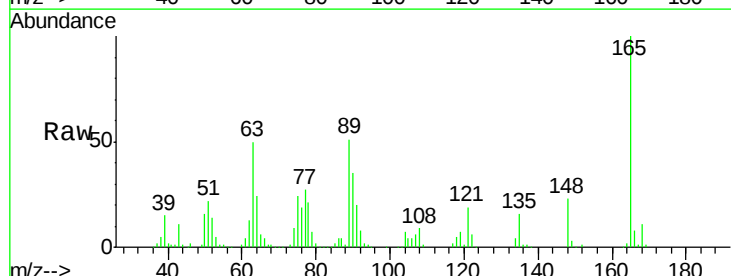


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

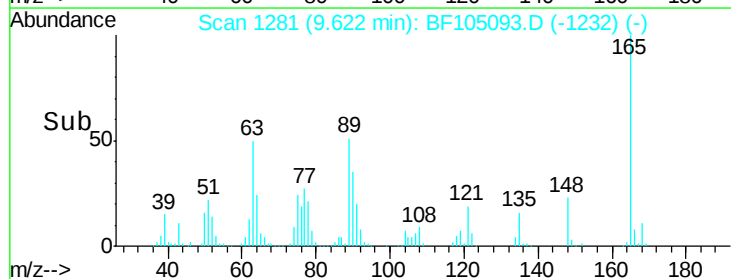
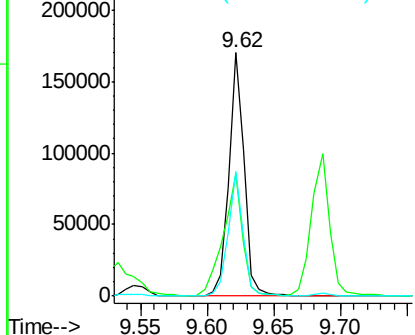


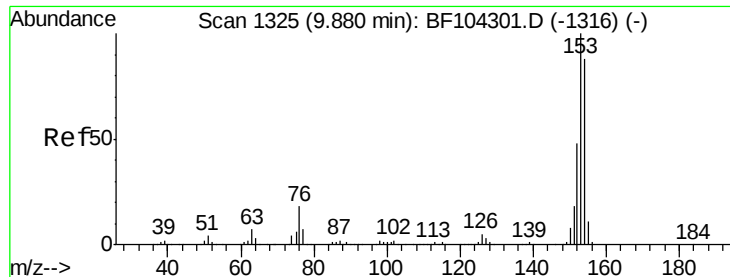
#50
2,6-Dinitrotoluene
Concen: 51.340 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

Tgt Ion:165 Resp: 138539
Ion Ratio Lower Upper
165 100
63 50.1 44.7 67.1
89 51.4 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: 39.089 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

Instrument :

BNA_F

ClientSampleId :

WAYNEMSD

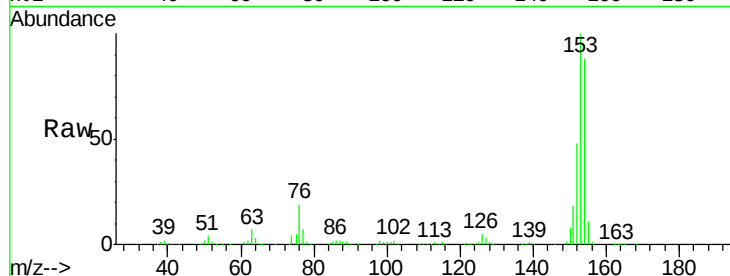
Tot Ion:154 Resp: 459164

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

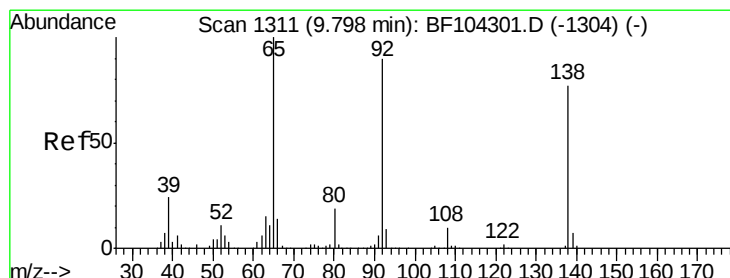
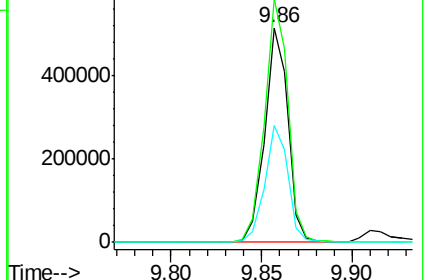
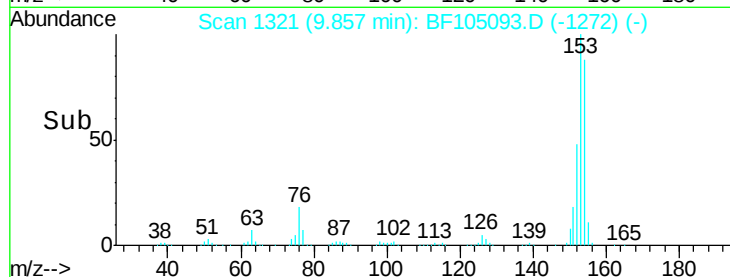
152 54.3 43.8 65.8



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: 24.925 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

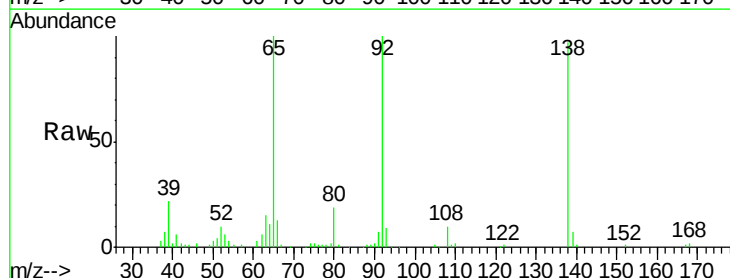
Tgt Ion:138 Resp: 78741

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

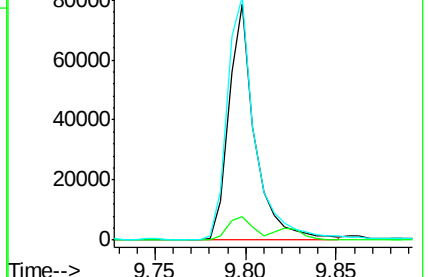
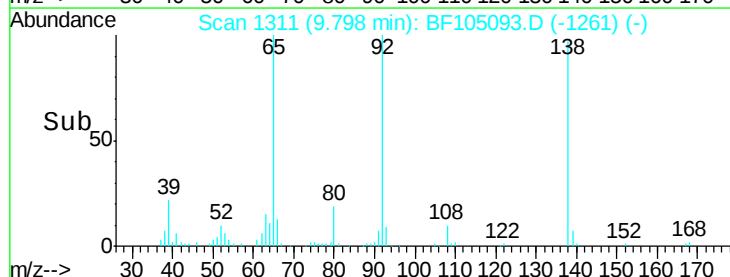
92 103.1 89.4 134.2

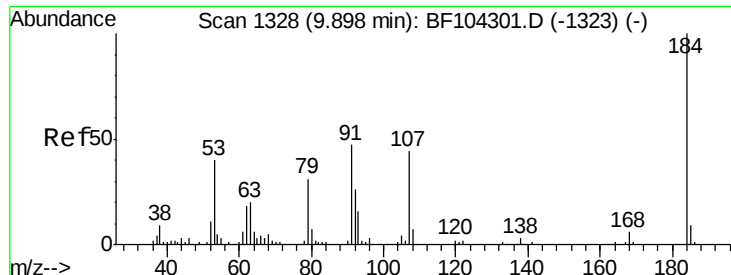


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

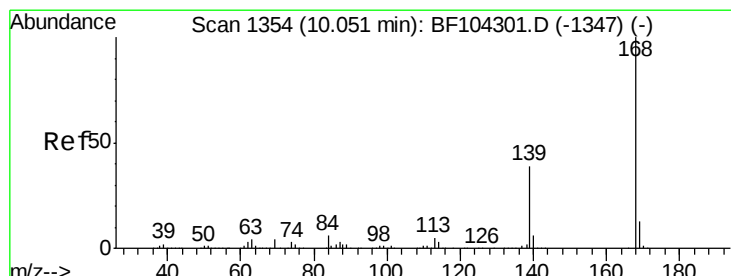
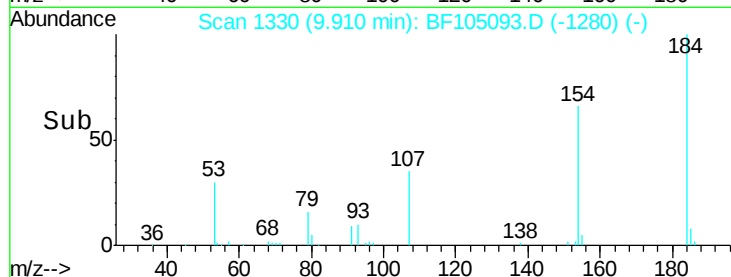
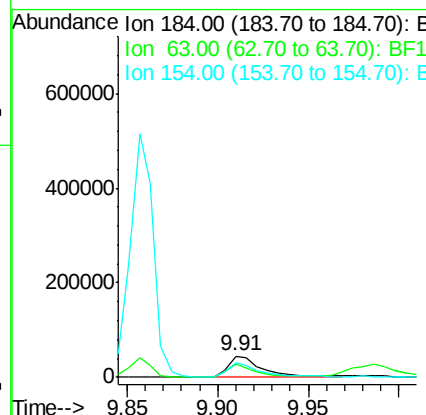
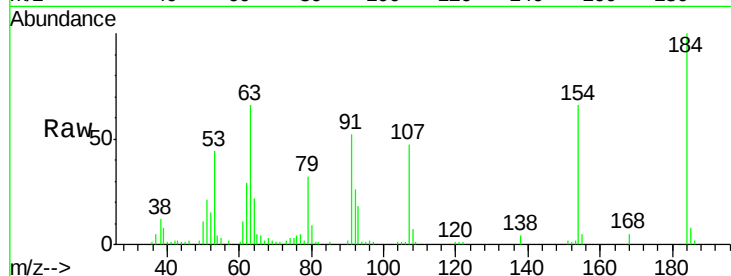




#53
 2,4-Dinitrophenol
 Concen: 60.739 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

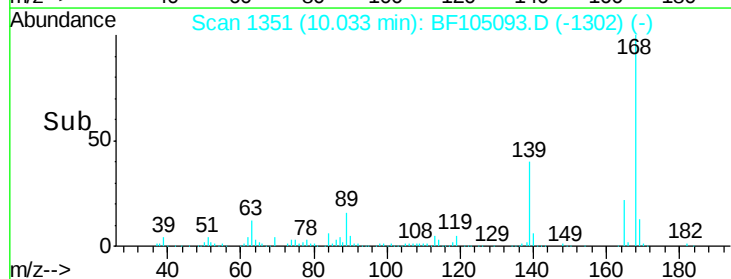
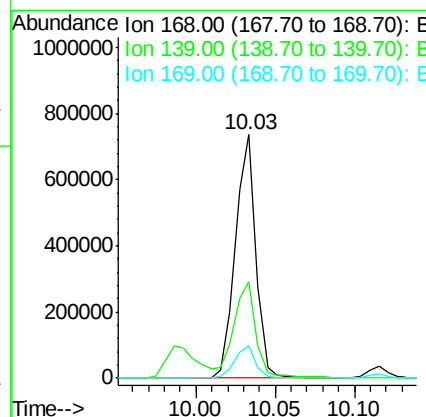
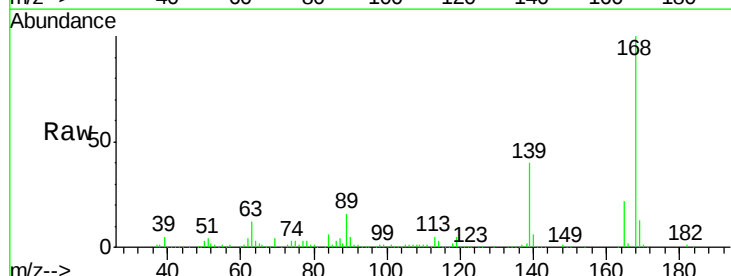
Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMSD

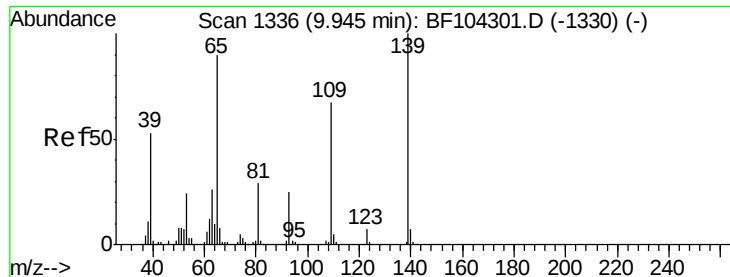
Tot Ion:184 Resp: 59722
 Ion Ratio Lower Upper
 184 100
 63 65.6 54.2 81.2
 154 66.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.231 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

Tgt Ion:168 Resp: 658601
 Ion Ratio Lower Upper
 168 100
 139 39.7 30.1 45.1
 169 13.1 10.9 16.3

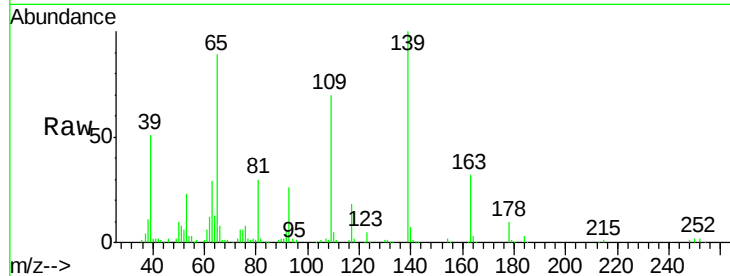




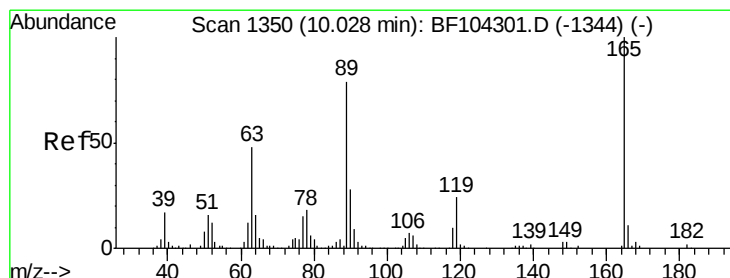
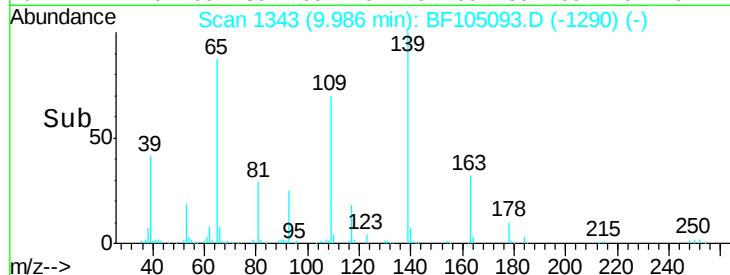
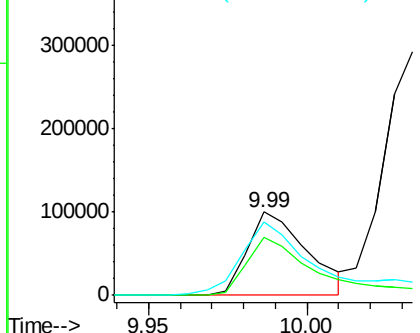
#55
4-Nitrophenol
Concen: 52.578 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

Instrument :
BNA_F
ClientSampleId :
WAYNEMSD

Tot Ion:139 Resp: 130474
Ion Ratio Lower Upper
139 100
109 70.4 48.4 88.4
65 88.5 72.6 112.6

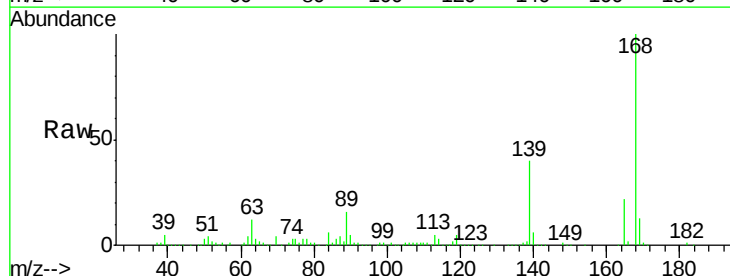


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

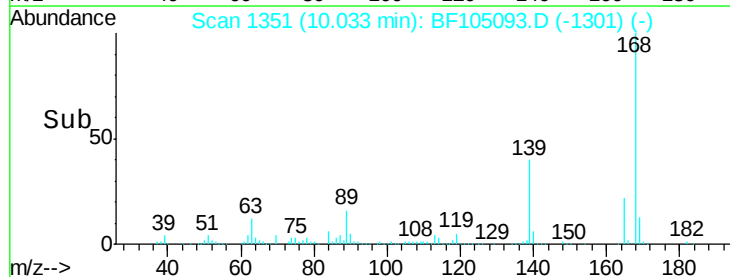
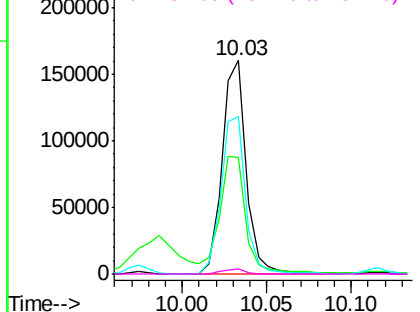


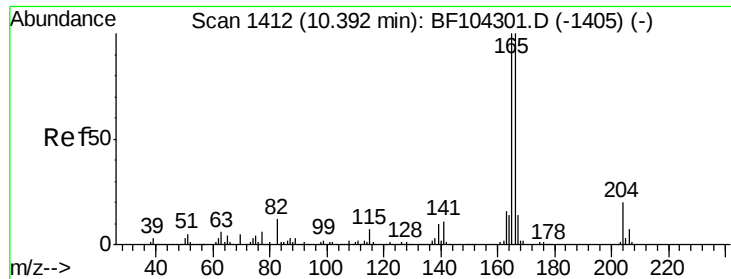
#56
2,4-Dinitrotoluene
Concen: 44.885 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

Tgt Ion:165 Resp: 158874
Ion Ratio Lower Upper
165 100
63 54.7 36.4 54.6#
89 73.7 57.8 86.6
182 2.5 1.6 2.4#



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





#57

Fluorene

Concen: 44.221 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

Instrument :

BNA_F

ClientSampleId :

WAYNEMSD

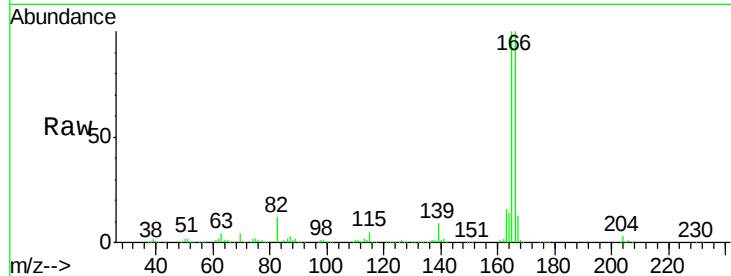
Tot Ion:166 Resp: 526912

Ion Ratio Lower Upper

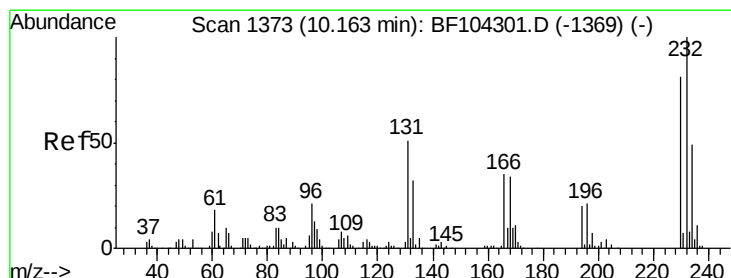
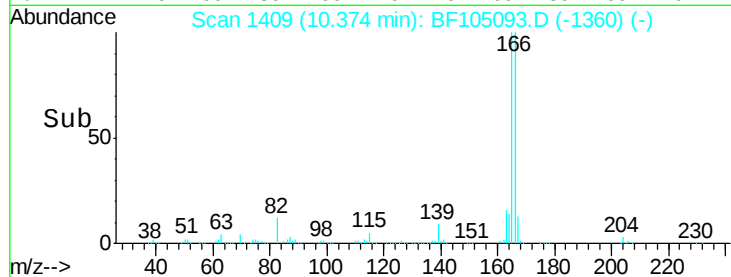
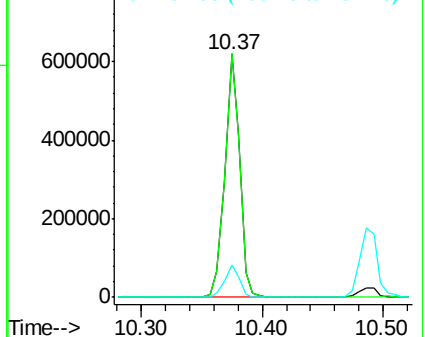
166 100

165 99.8 79.8 119.8

167 13.3 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: 43.925 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

Tgt Ion:232 Resp: 134760

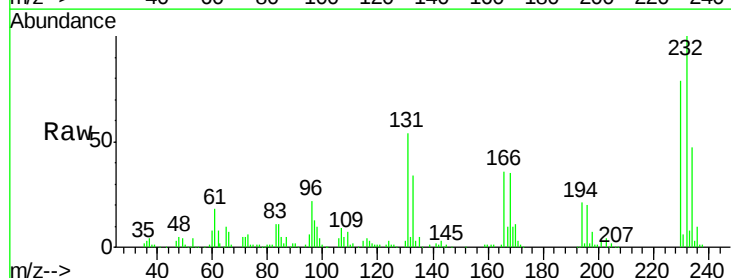
Ion Ratio Lower Upper

232 100

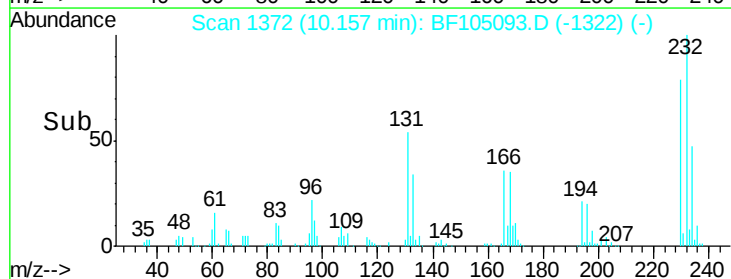
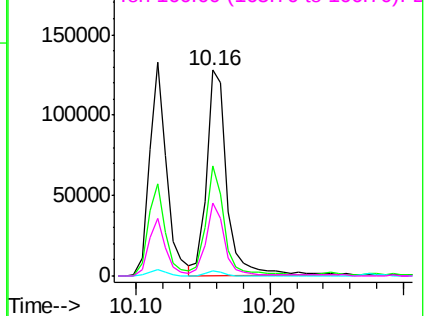
131 48.0 43.8 65.8

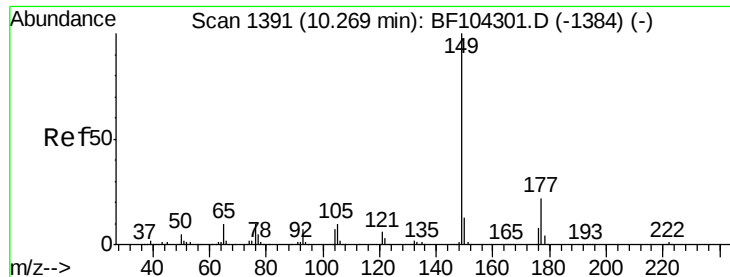
130 2.4 2.1 3.1

166 32.5 27.8 41.6



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





#59

Diethylphthalate

Concen: 42.414 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

Instrument :

BNA_F

ClientSampleId :

WAYNEMSD

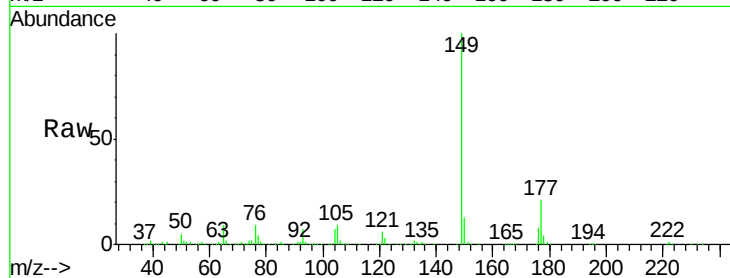
Tot Ion:149 Resp: 616007

Ion Ratio Lower Upper

149 100

177 20.9 16.1 24.1

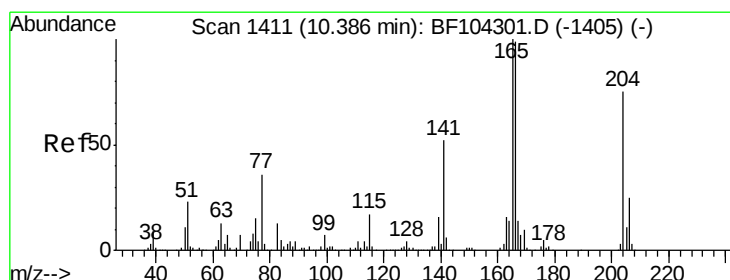
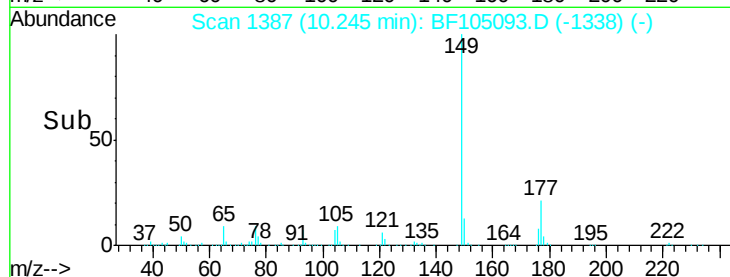
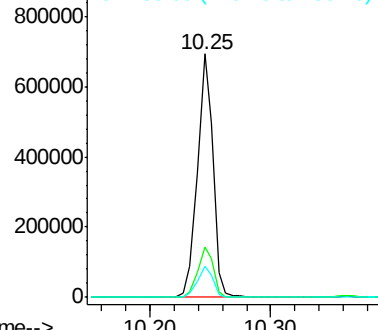
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 48.435 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

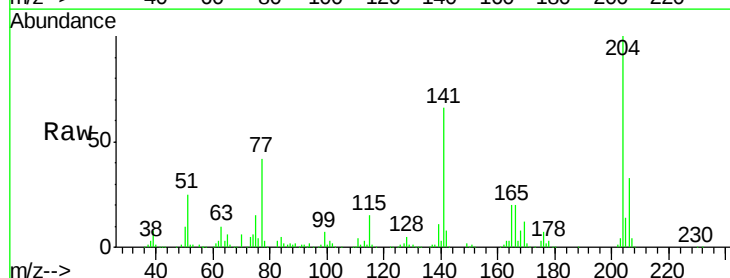
Tgt Ion:204 Resp: 257025

Ion Ratio Lower Upper

204 100

206 33.1 26.5 39.7

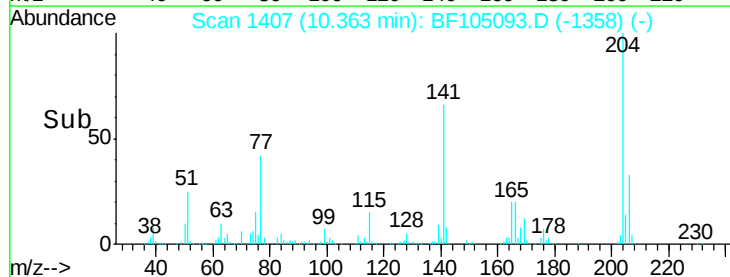
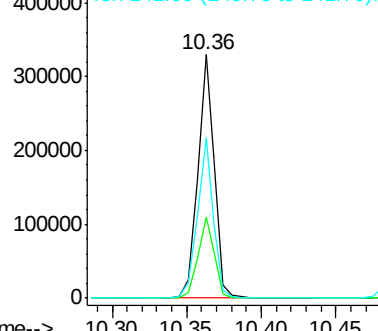
141 65.8 54.6 81.8

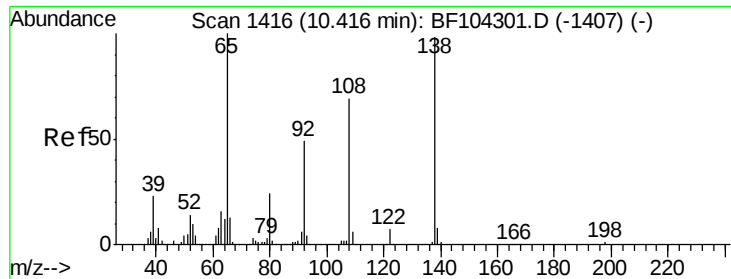


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

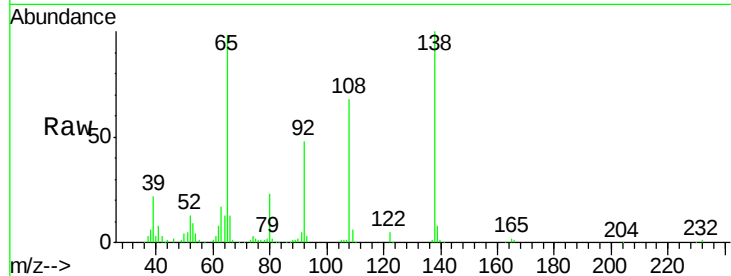




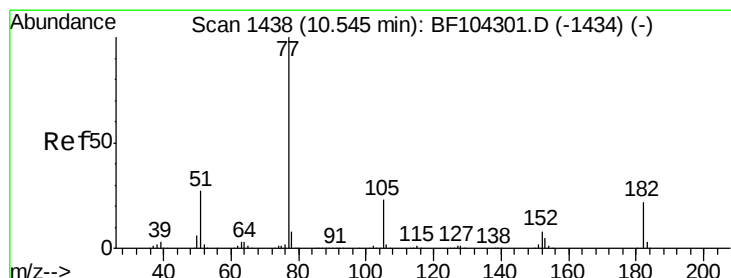
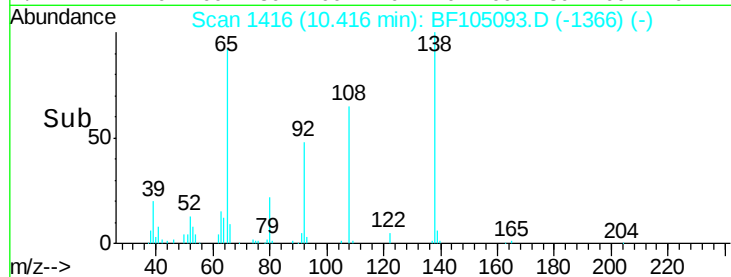
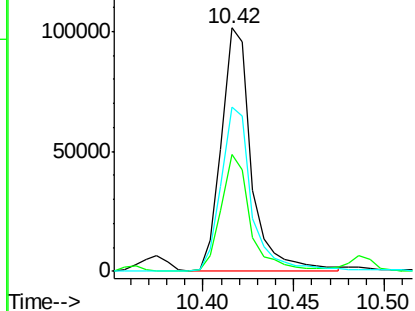
#61
4-Nitroaniline
Concen: 38.172 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

Instrument :
BNA_F
ClientSampleId :
WAYNEMSD

Tot Ion:138 Resp: 117908
Ion Ratio Lower Upper
138 100
92 47.9 30.2 70.2
108 67.7 52.5 92.5

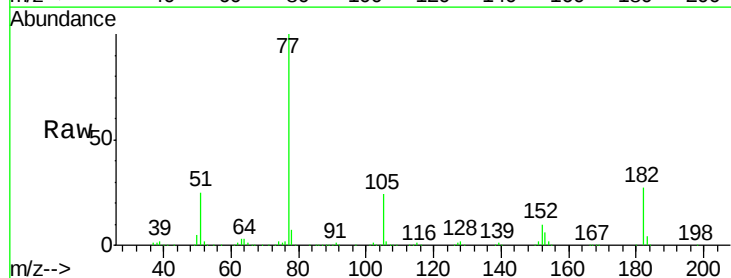


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

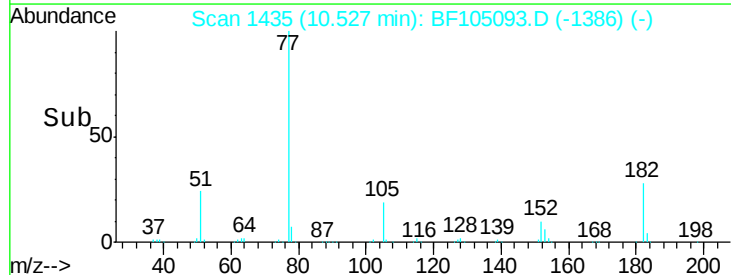
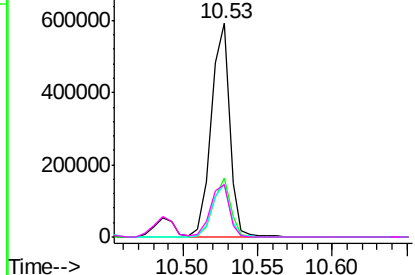


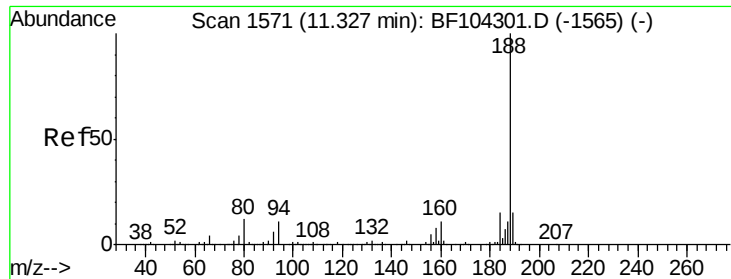
#62
Azobenzene
Concen: 36.268 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

Tgt Ion: 77 Resp: 503252
Ion Ratio Lower Upper
77 100
182 27.4 1.7 41.7
105 24.3 3.0 43.0
51 24.6 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

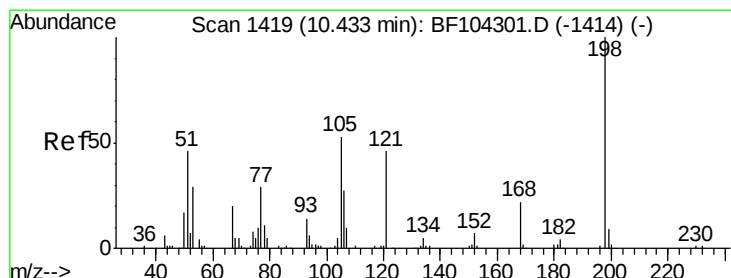
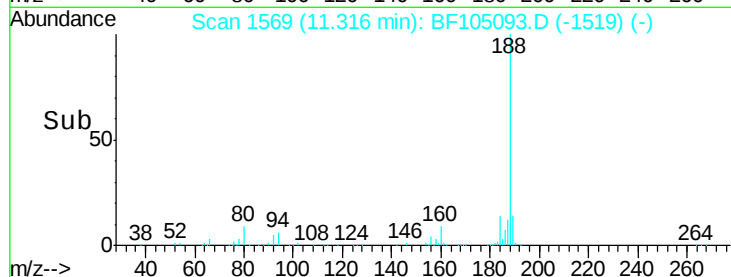
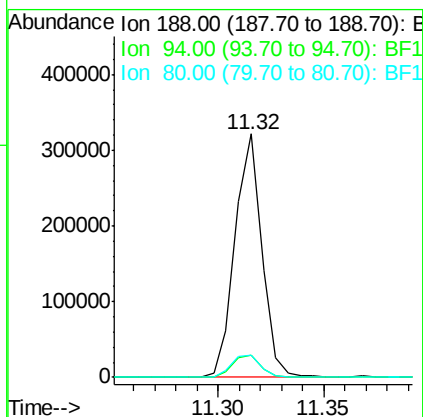
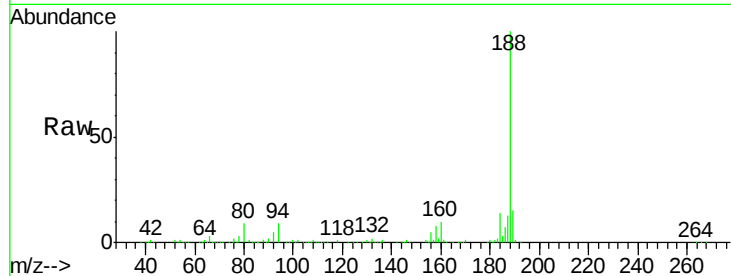




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

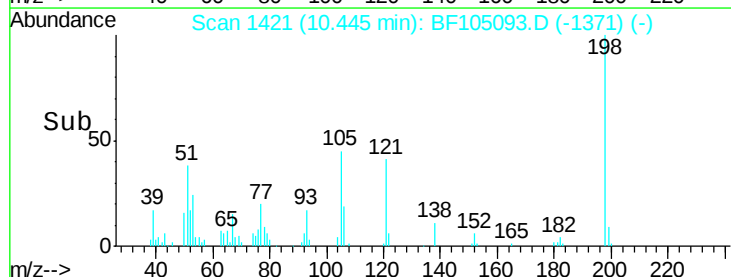
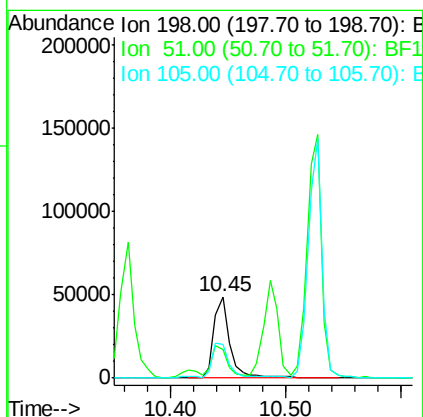
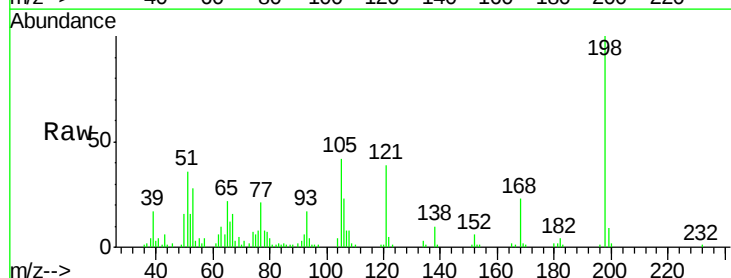
Instrument :
BNA_F
ClientSampleId :
WAYNEMSD

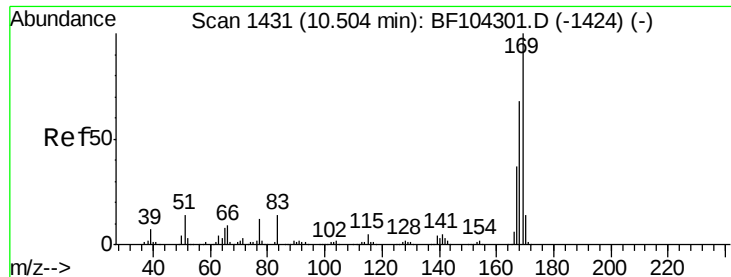
Tot Ion:188 Resp: 281736
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 9.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 36.889 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

Tgt Ion:198 Resp: 47861
Ion Ratio Lower Upper
198 100
51 35.9 37.7 77.7#
105 41.9 36.3 76.3

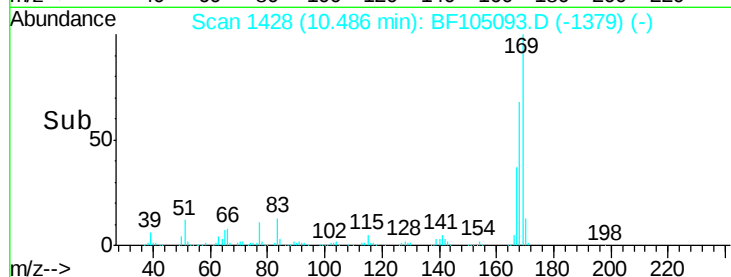
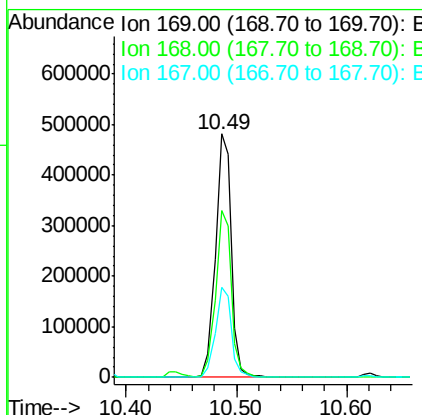
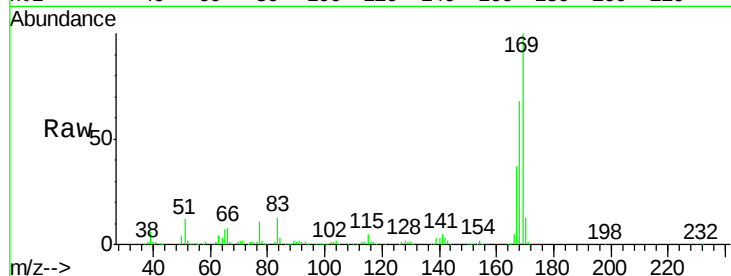




#65
 n-Nitrosodiphenylamine
 Concen: 48.583 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

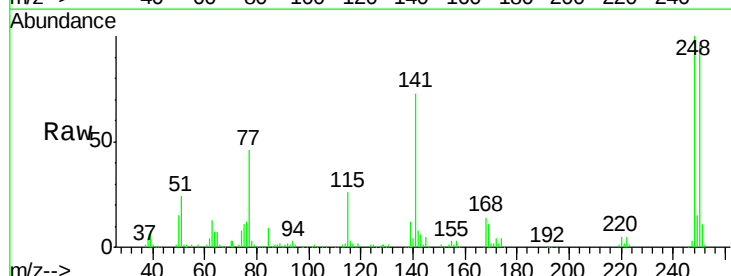
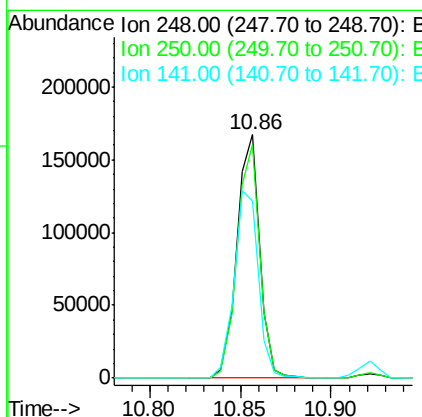
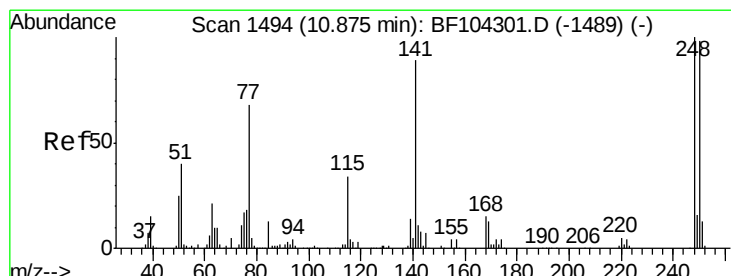
Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMSD

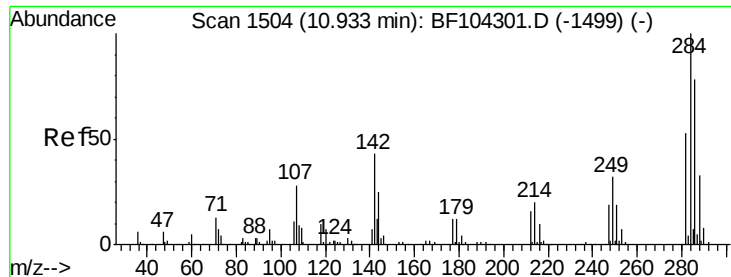
Tot Ion:169 Resp: 474588
 Ion Ratio Lower Upper
 169 100
 168 68.4 54.4 81.6
 167 37.0 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 49.127 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

Tgt Ion:248 Resp: 147221
 Ion Ratio Lower Upper
 248 100
 250 96.1 76.9 115.3
 141 72.9 74.4 111.6#

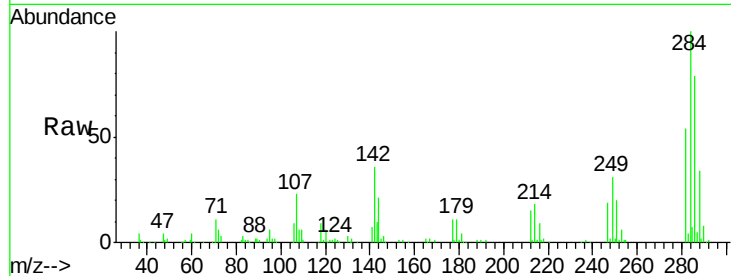




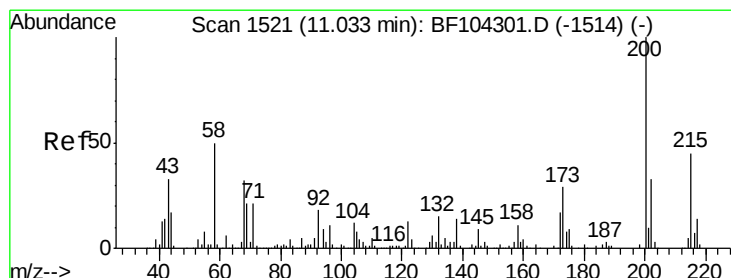
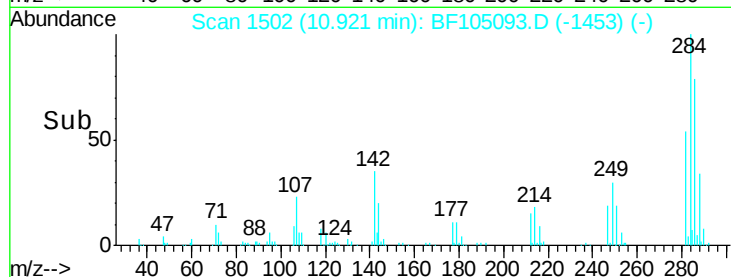
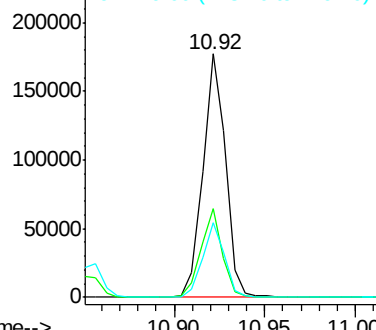
#67
Hexachlorobenzene
Concen: 45.683 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

Instrument :
BNA_F
ClientSampleId :
WAYNEMSD

Tot Ion:284 Resp: 154043
Ion Ratio Lower Upper
284 100
142 36.4 34.6 52.0
249 30.8 24.8 37.2

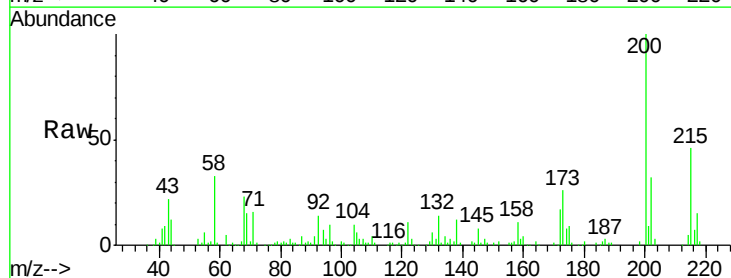


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

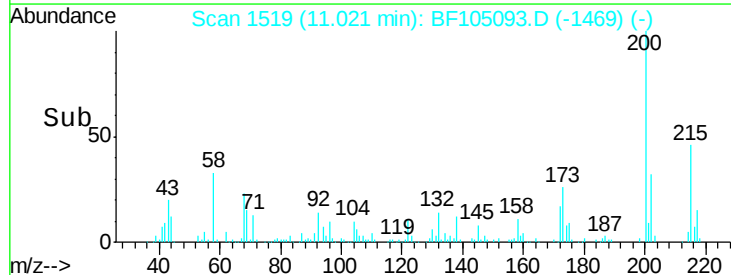
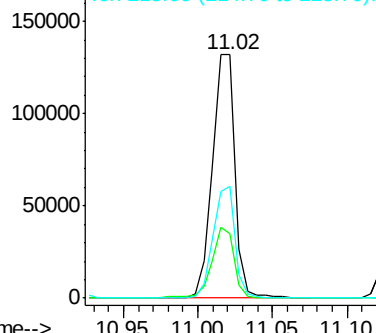


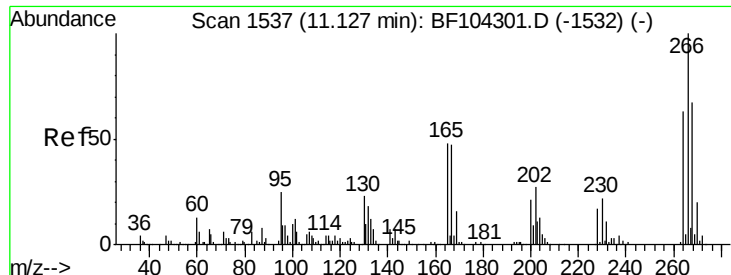
#68
Atrazine
Concen: 46.825 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

Tgt Ion:200 Resp: 138067
Ion Ratio Lower Upper
200 100
173 26.2 8.6 48.6
215 45.9 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

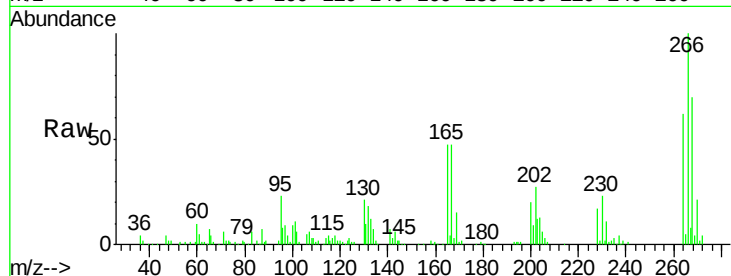




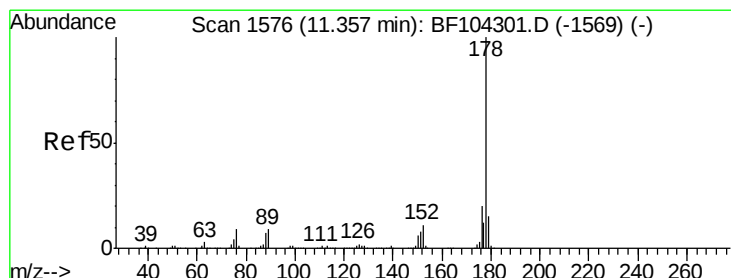
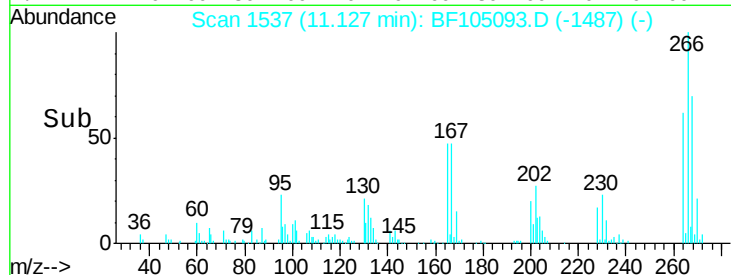
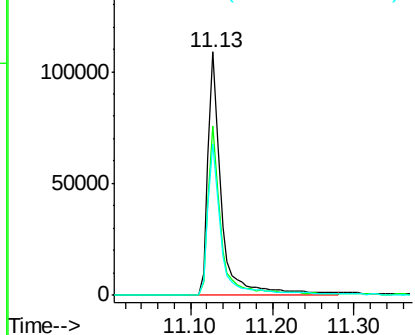
#69
 Pentachlorophenol
 Concen: 60.557 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMSD

Tot Ion:266 Resp: 126327
 Ion Ratio Lower Upper
 266 100
 268 69.7 51.1 76.7
 264 62.4 49.5 74.3

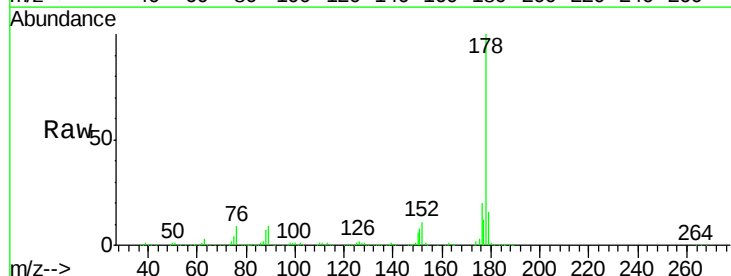


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

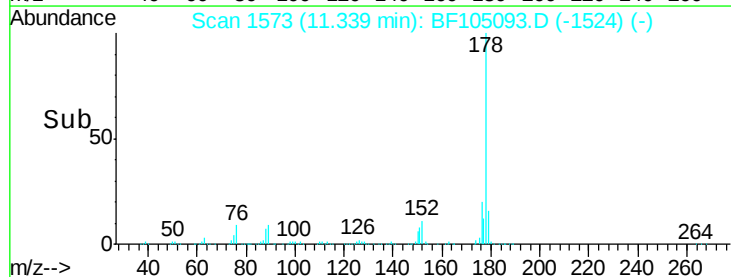
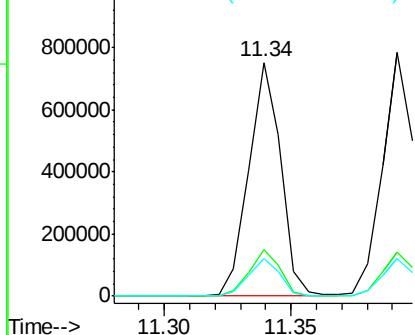


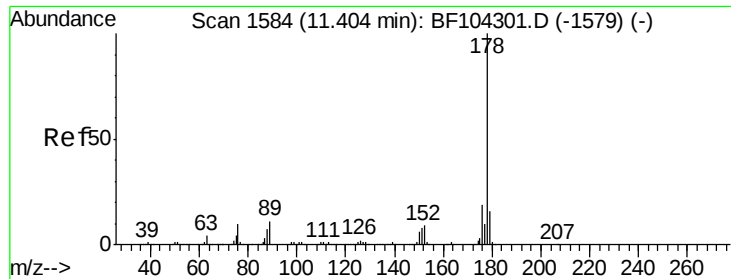
#70
 Phenanthrene
 Concen: 42.182 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

Tgt Ion:178 Resp: 661819
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.8 13.0 19.6



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

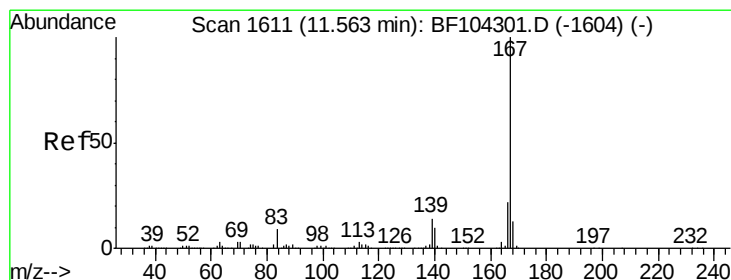
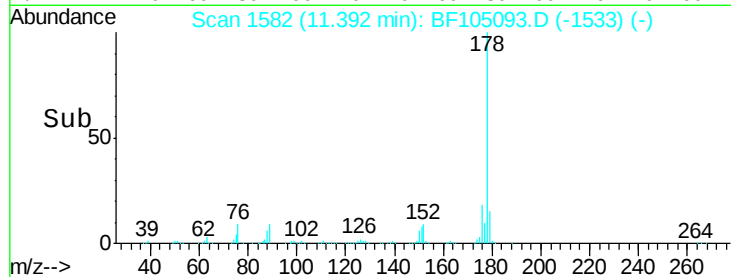
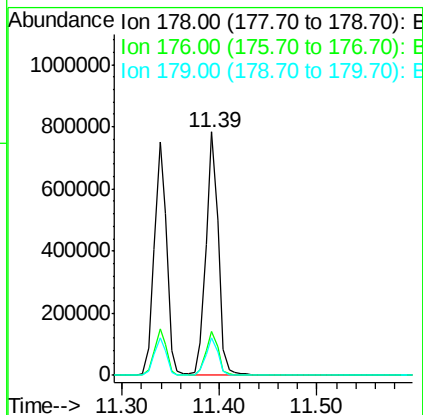
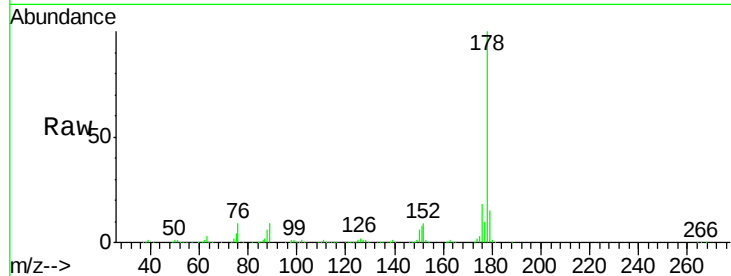




#71
 Anthracene
 Concen: 43.223 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

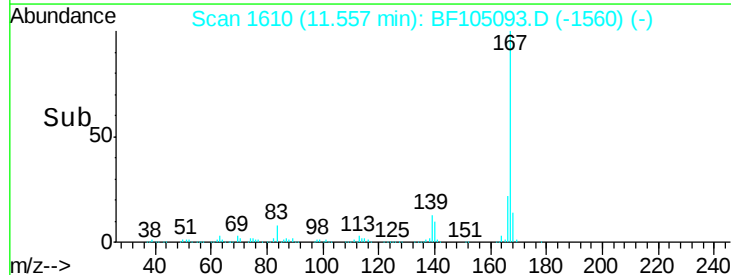
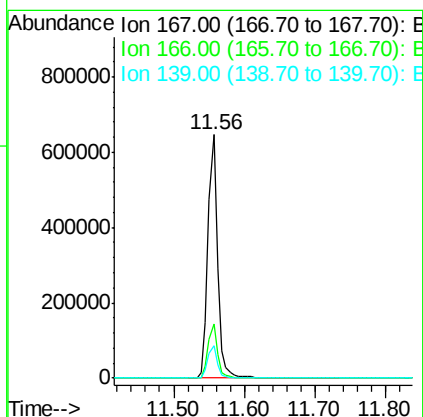
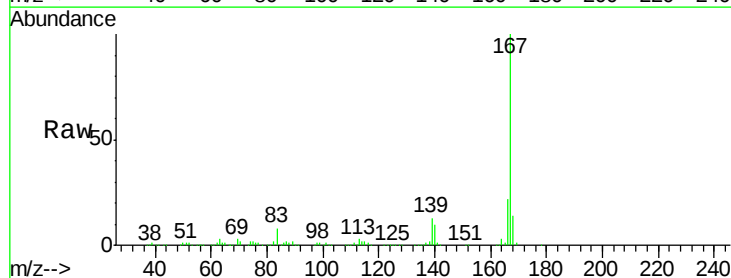
Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMSD

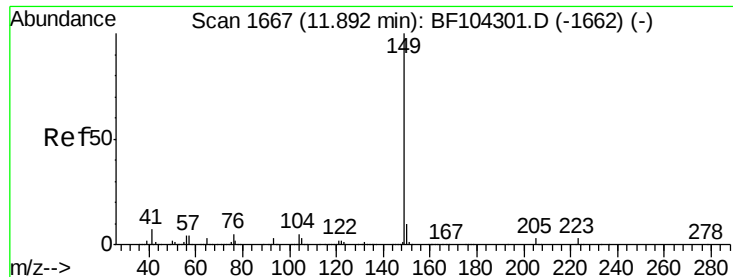
Tot Ion:178 Resp: 689359
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 39.274 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

Tgt Ion:167 Resp: 612070
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.1 10.9 16.3

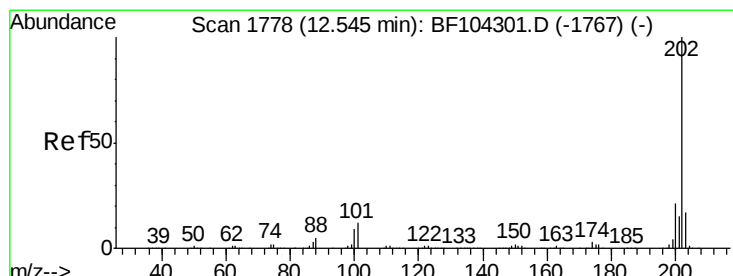
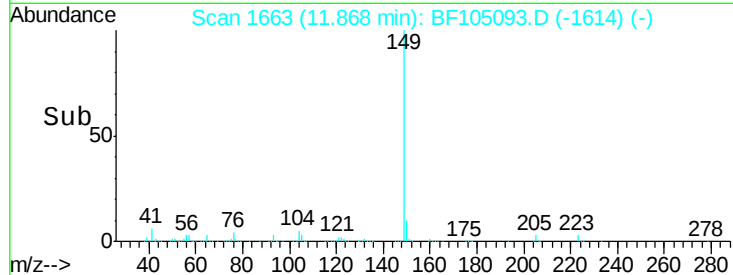
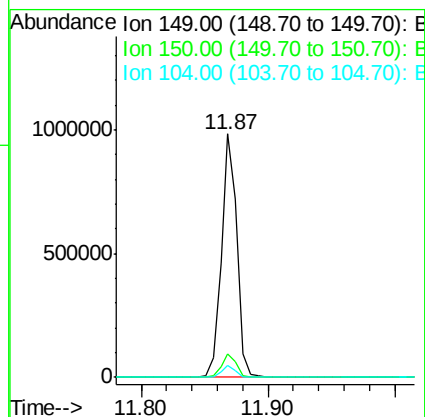
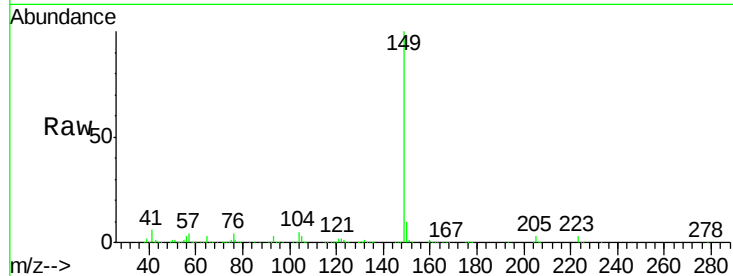




#73
Di-n-butylphthalate
Concen: 44.014 ng
RT: 11.87 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

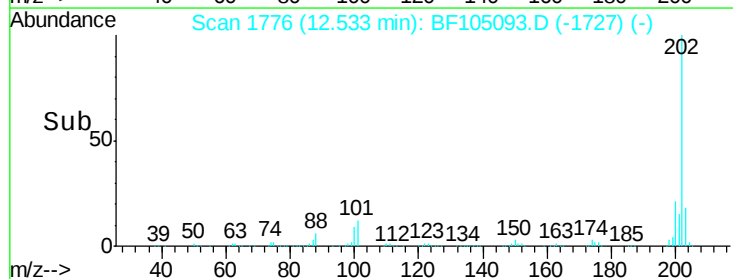
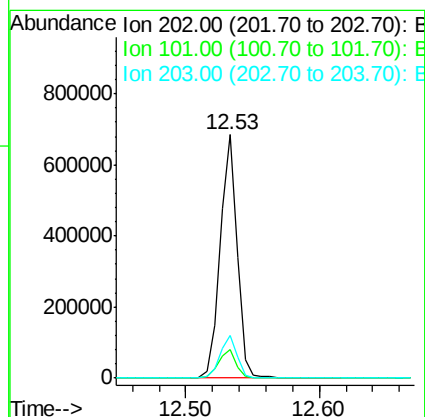
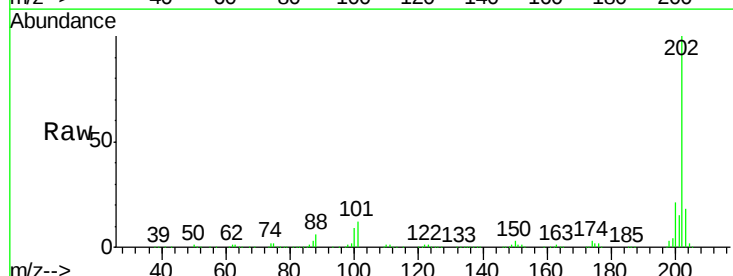
Instrument :
BNA_F
ClientSampleId :
WAYNEMSD

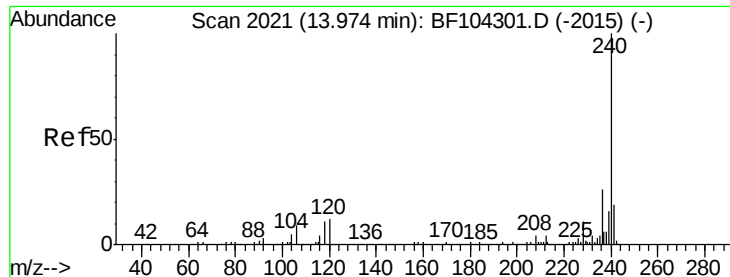
Tot Ion:149 Resp: 837919
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.7 3.8 5.8



#74
Fluoranthene
Concen: 37.706 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

Tgt Ion:202 Resp: 618100
Ion Ratio Lower Upper
202 100
101 11.7 0.0 34.1
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

Instrument :

BNA_F

ClientSampleId :

WAYNEMSD

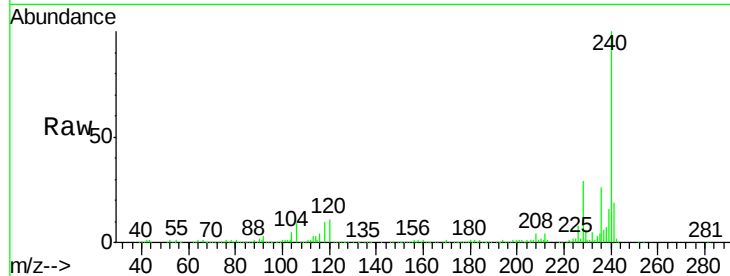
Tot Ion:240 Resp: 182009

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

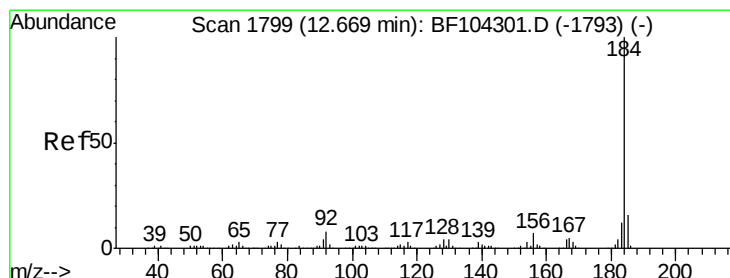
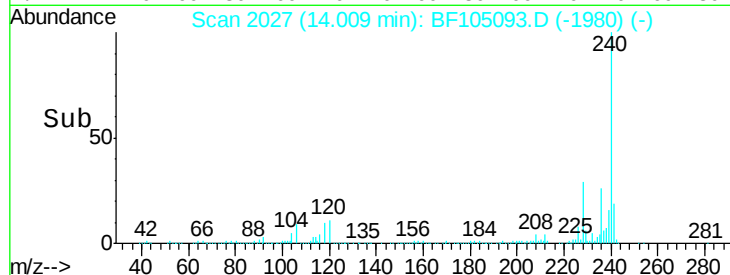
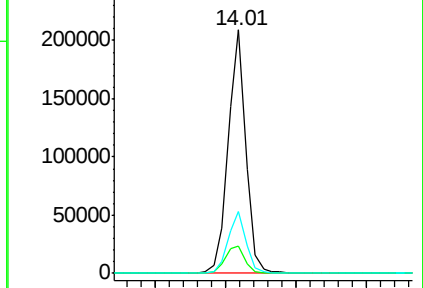
236 25.6 20.7 31.1



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: 10.492 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

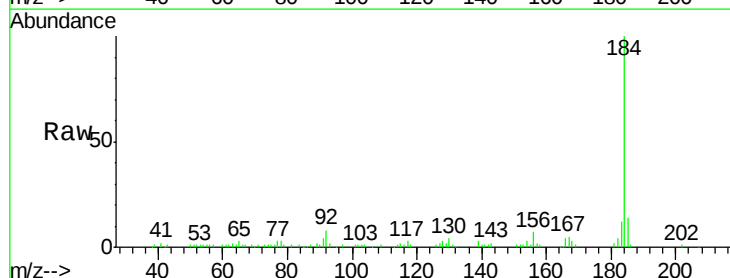
Tgt Ion:184 Resp: 91641

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

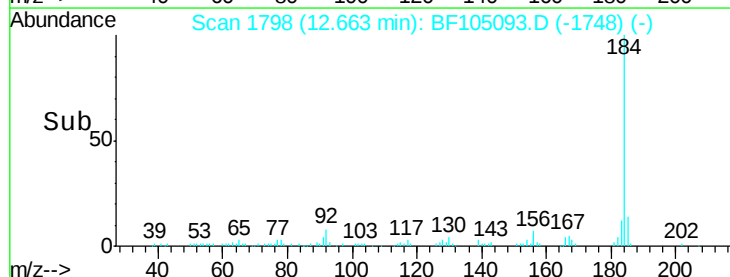
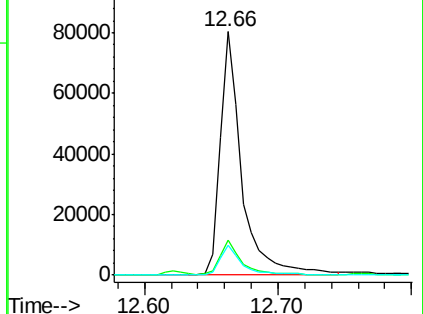
183 12.0 9.3 13.9

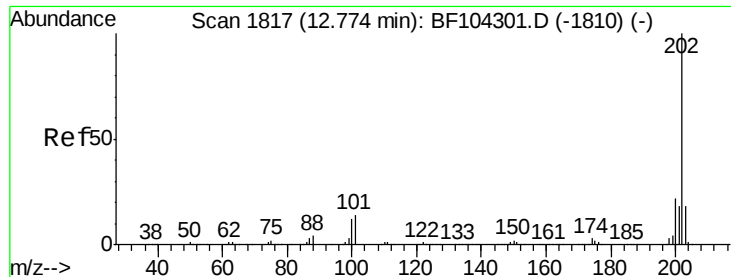


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

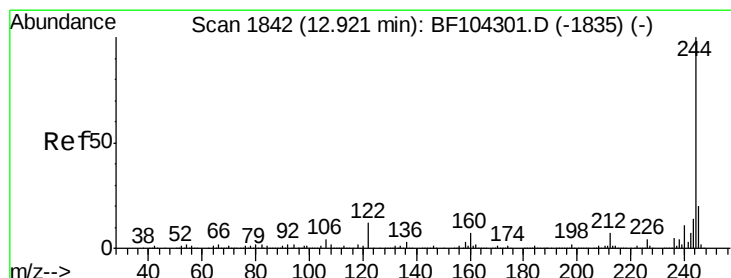
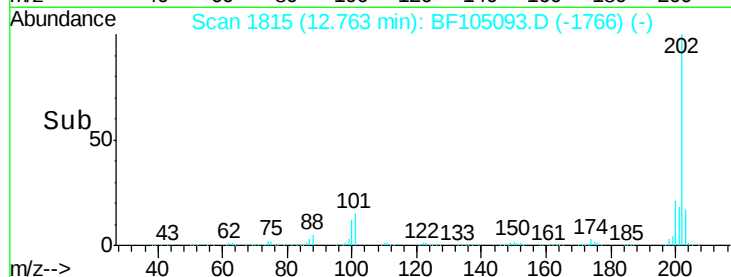
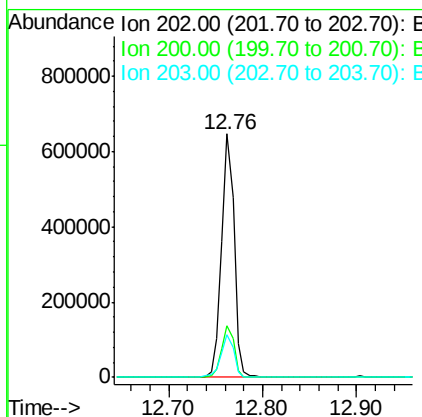
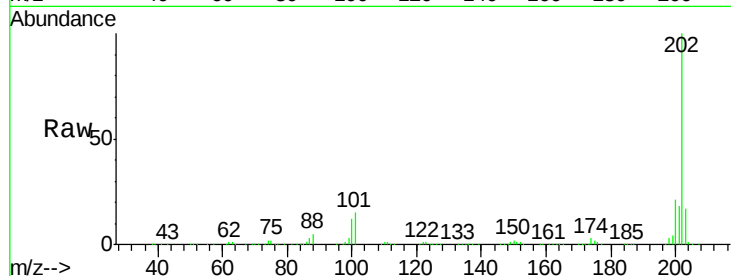




#77
Pvrene
Concen: 45.310 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

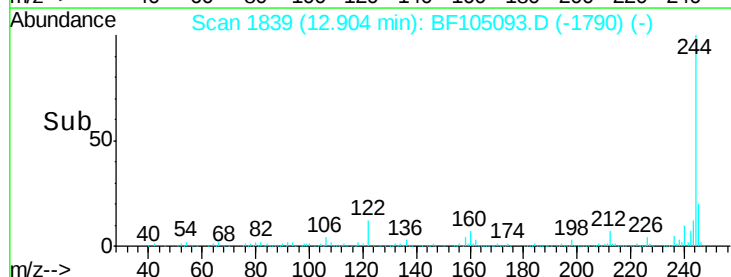
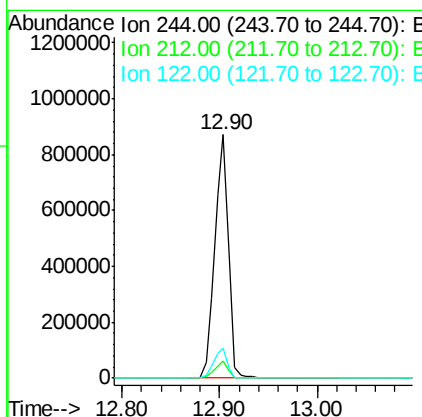
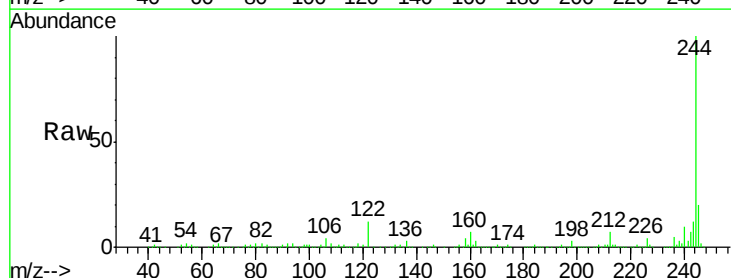
Instrument :
BNA_F
ClientSampleId :
WAYNEMSD

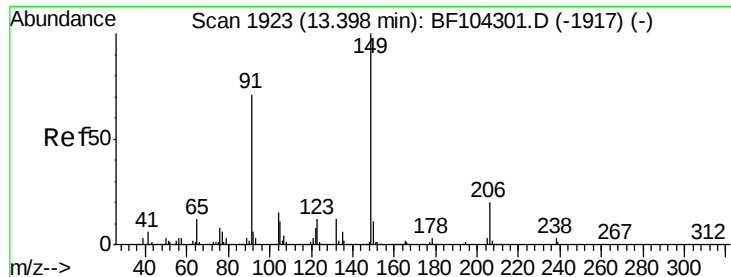
Tot Ion:202 Resp: 611277
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 104.885 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

Tgt Ion:244 Resp: 837348
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.1 11.0 16.4

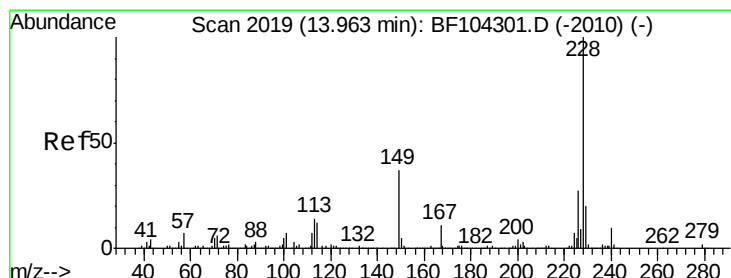
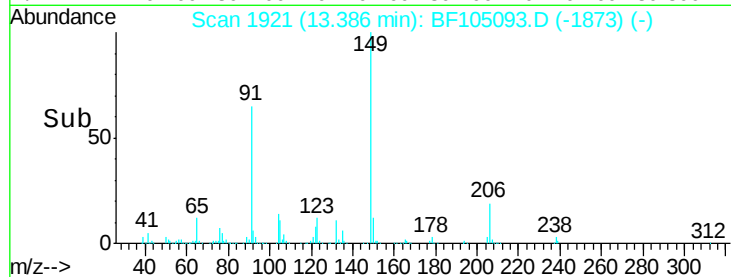
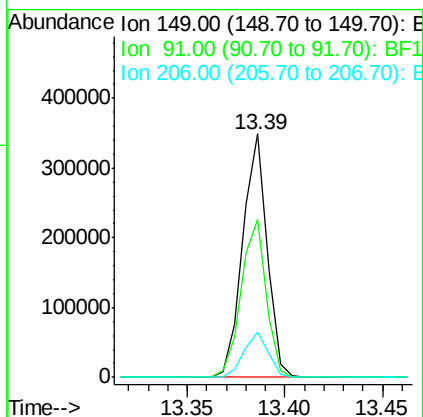
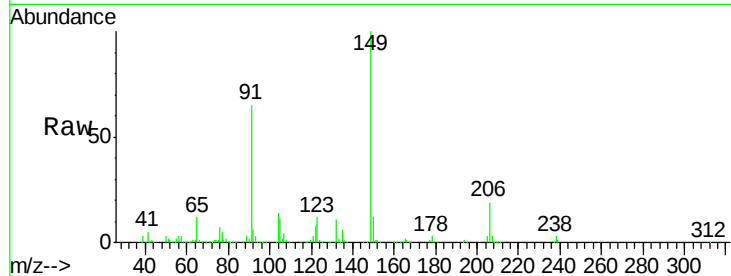




#79
Butylbenzylphthalate
Concen: 47.654 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

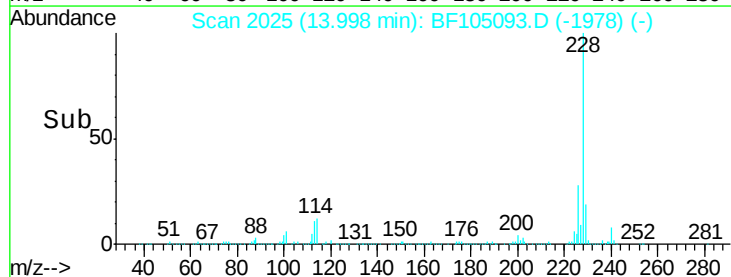
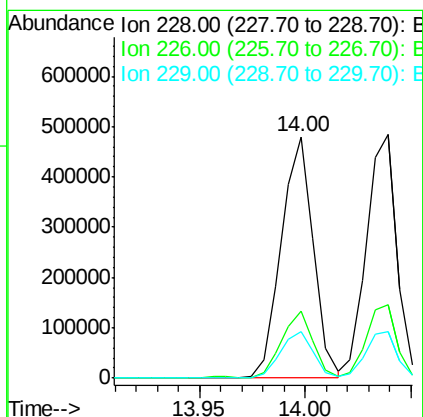
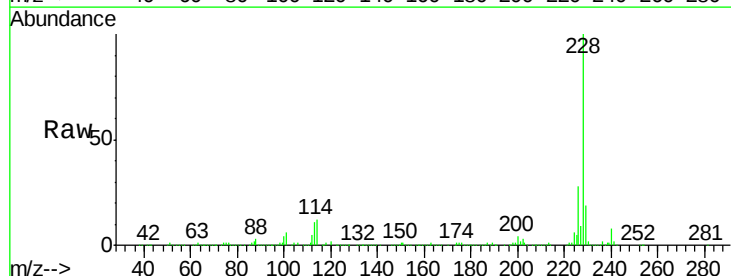
Instrument :
BNA_F
ClientSampleId :
WAYNEMSD

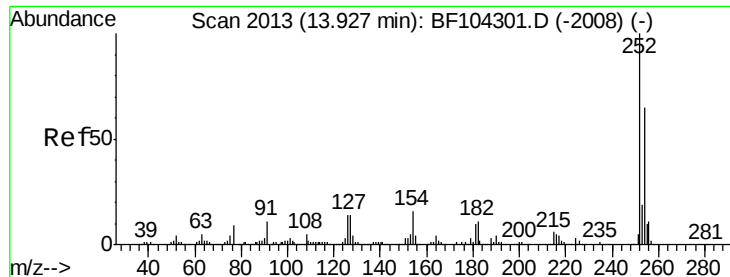
Tot Ion:149 Resp: 302883
Ion Ratio Lower Upper
149 100
91 65.1 56.8 85.2
206 18.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 46.678 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

Tgt Ion:228 Resp: 507545
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.3 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 40.699 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

Instrument :

BNA_F

ClientSampleId :

WAYNEMSD

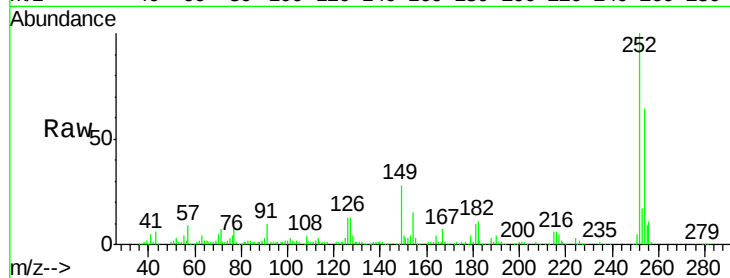
Tot Ion:252 Resp: 165001

Ion Ratio Lower Upper

252 100

254 64.4 50.4 75.6

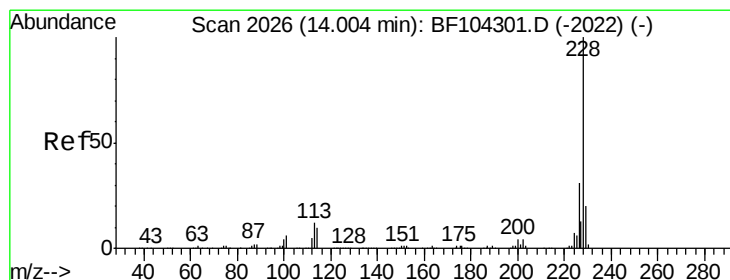
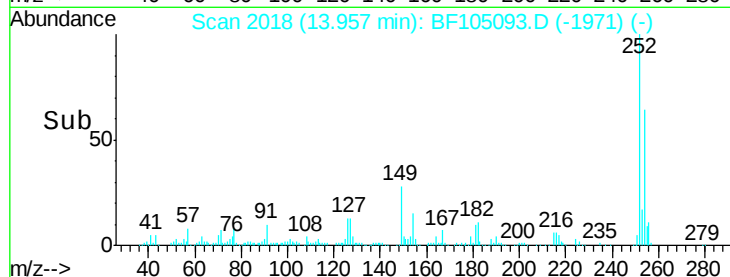
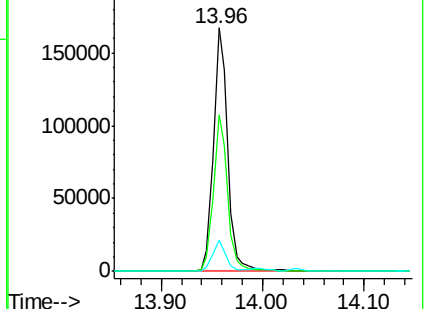
126 13.0 11.3 16.9



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: 43.619 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.02 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

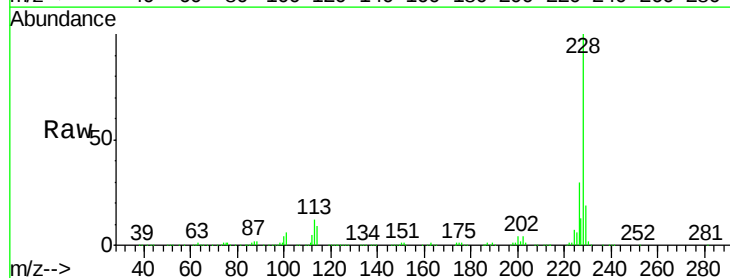
Tgt Ion:228 Resp: 487170

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

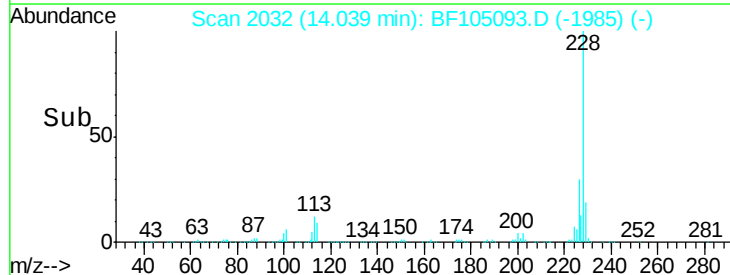
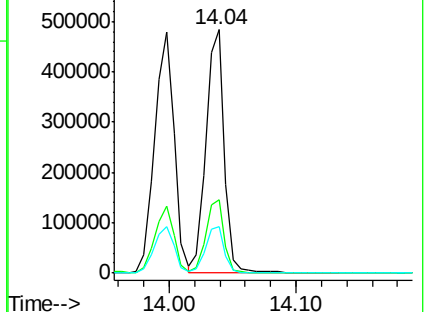
229 19.2 16.2 24.4

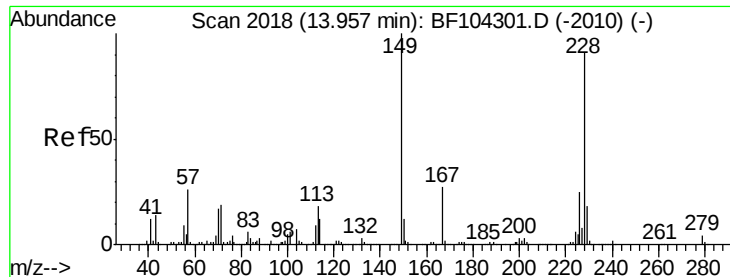


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.562 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

Instrument :

BNA_F

ClientSampleId :

WAYNEMSD

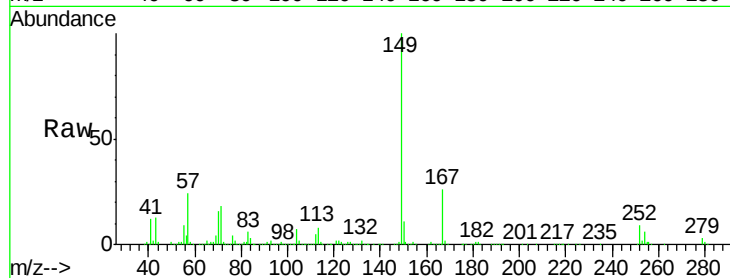
Tot Ion:149 Resp: 421534

Ion Ratio Lower Upper

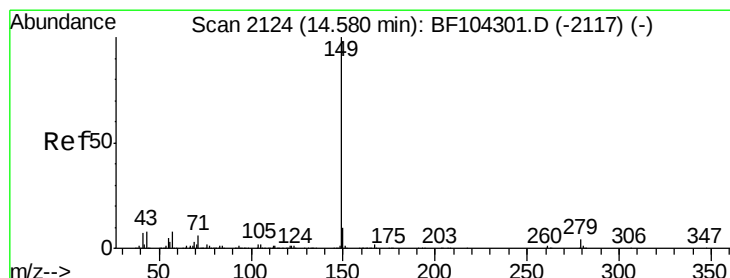
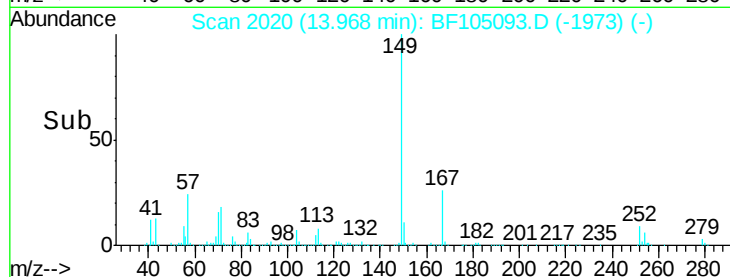
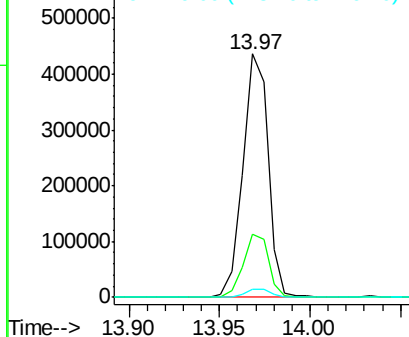
149 100

167 25.7 21.3 31.9

279 3.1 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: 49.019 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.03 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

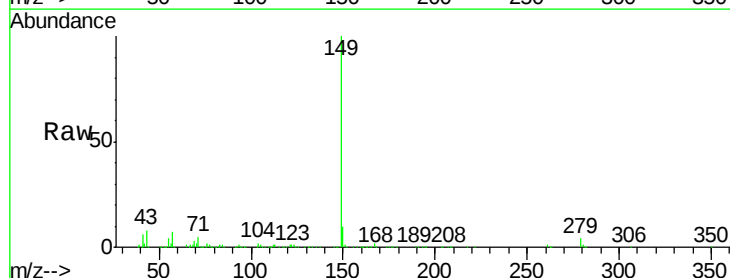
Tgt Ion:149 Resp: 669609

Ion Ratio Lower Upper

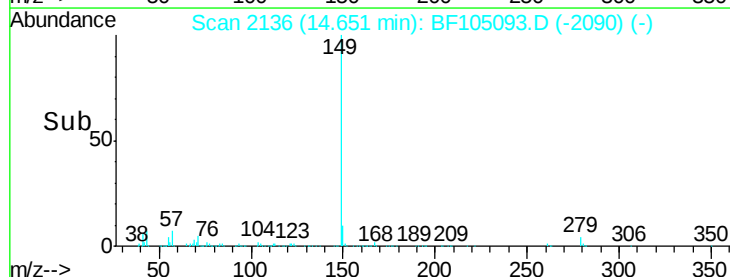
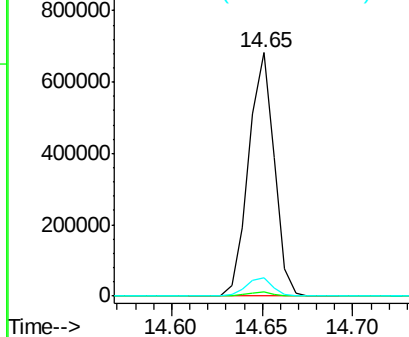
149 100

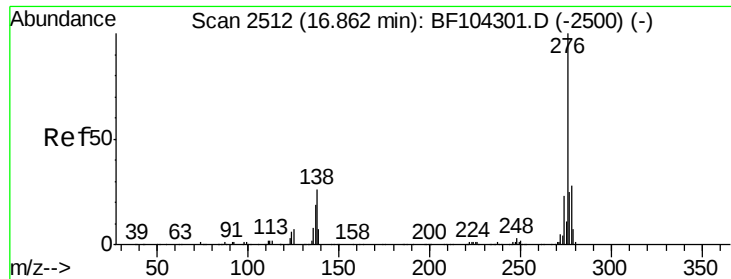
167 1.6 1.2 1.8

43 7.6 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

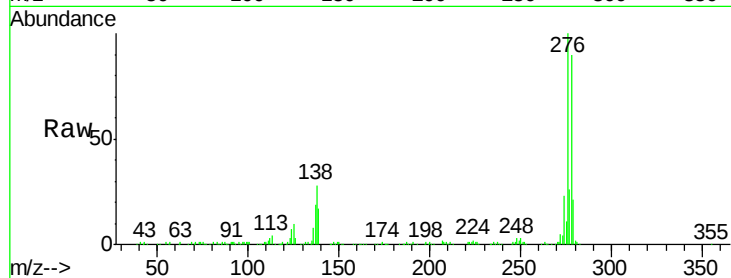




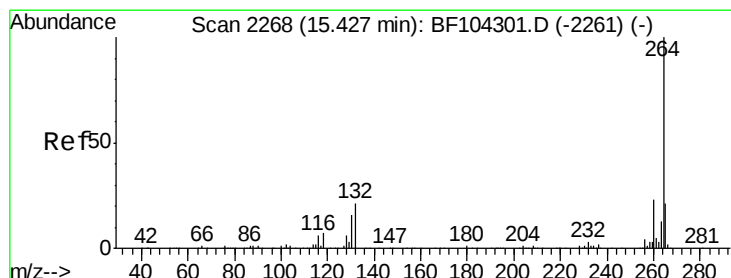
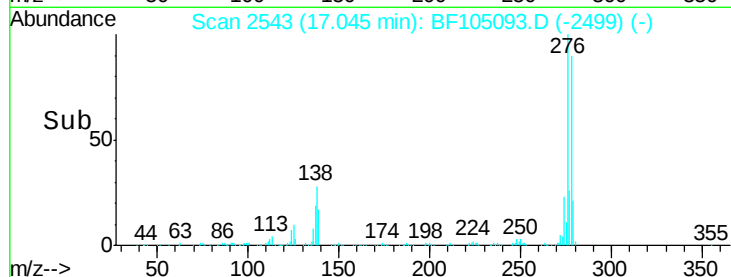
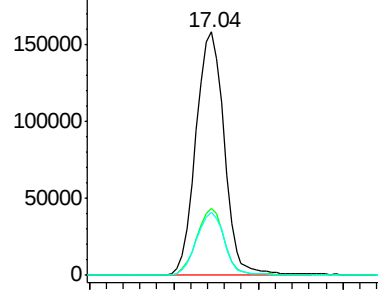
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.854 ng
 RT: 17.04 min Scan# 2543
 Delta R.T. -0.04 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMSD

Tot Ion:276 Resp: 368630
 Ion Ratio Lower Upper
 276 100
 138 26.8 25.0 37.6
 277 25.5 20.1 30.1

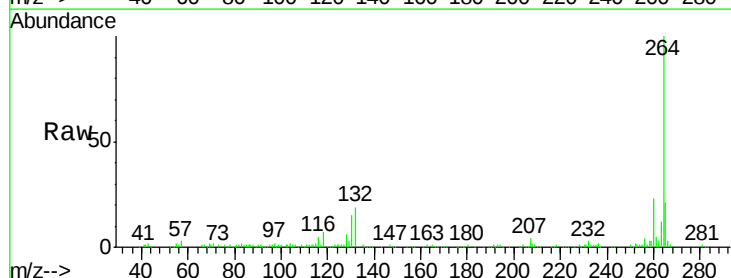


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

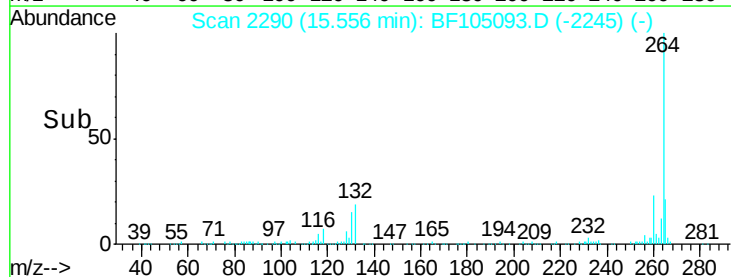
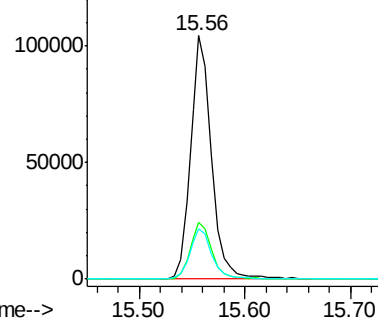


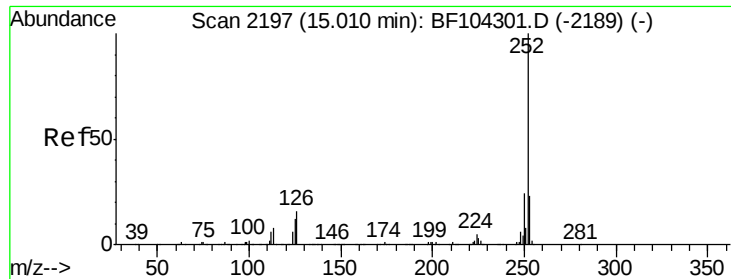
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. -0.04 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

Tgt Ion:264 Resp: 144926
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.9 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

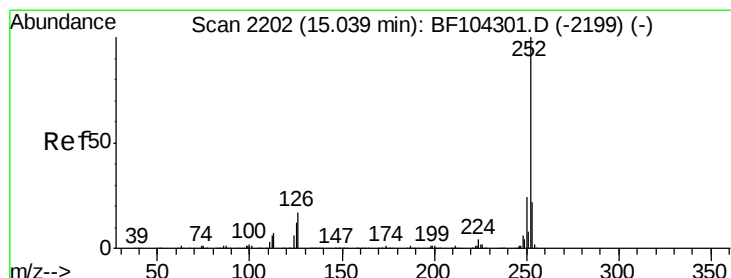
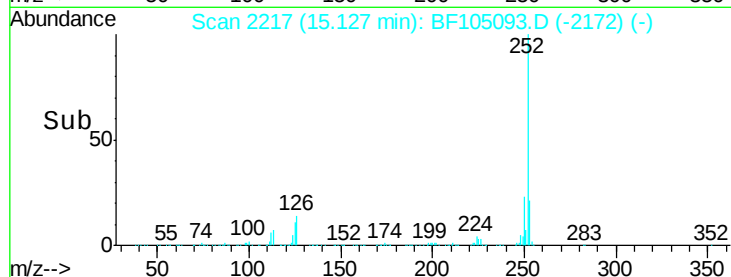
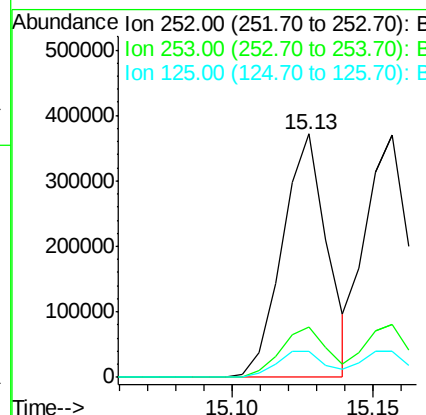
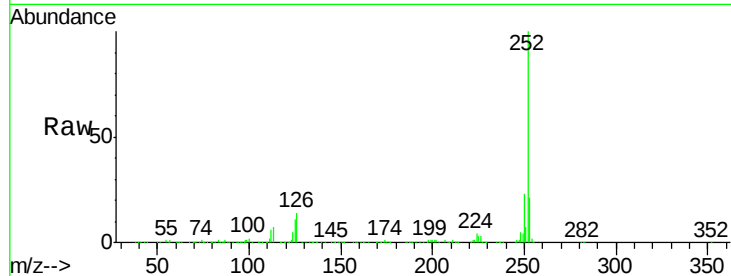




#87
Benzo(b)fluoranthene
Concen: 44.918 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

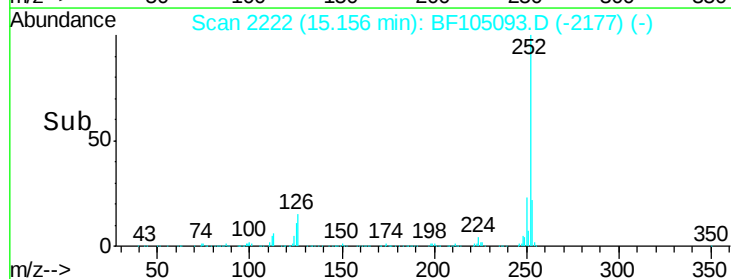
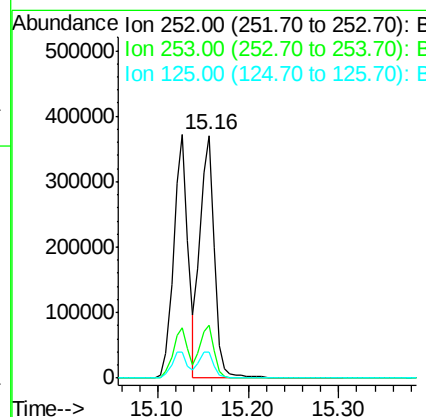
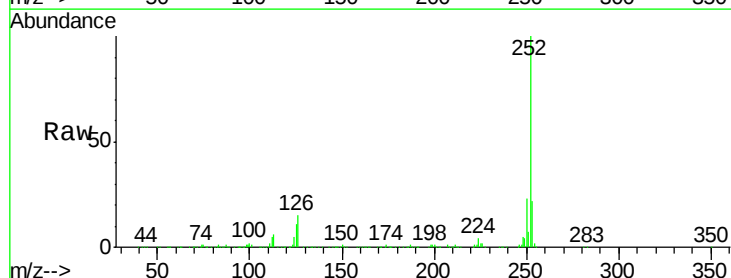
Instrument :
BNA_F
ClientSampleId :
WAYNEMSD

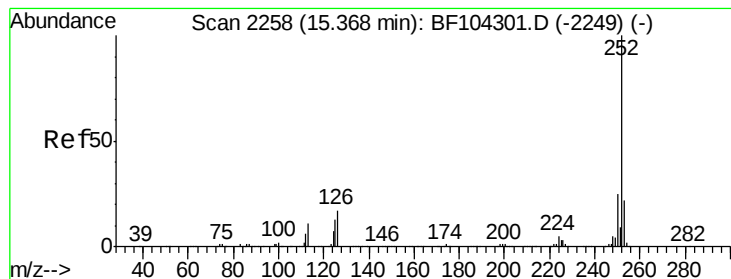
Tot Ion:252 Resp: 411147
Ion Ratio Lower Upper
252 100
253 20.8 17.0 25.6
125 10.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 46.844 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.04 min
Lab File: BF105093.D
Acq: 4 May 2018 00:33

Tgt Ion:252 Resp: 404802
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 10.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 46.292 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.04 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

Instrument :

BNA_F

ClientSampleId :

WAYNEMSD

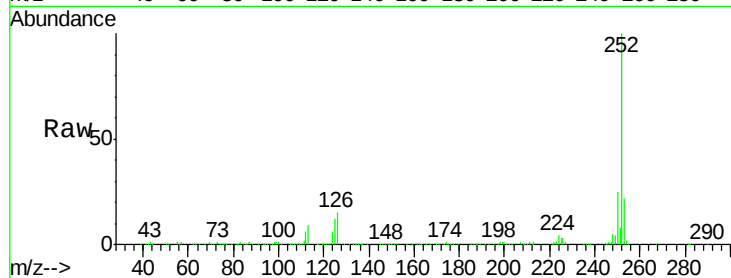
Tot Ion:252 Resp: 379124

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

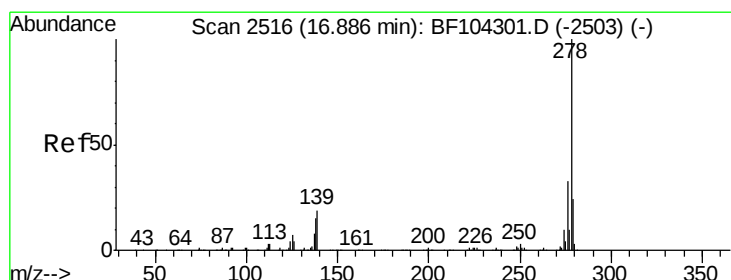
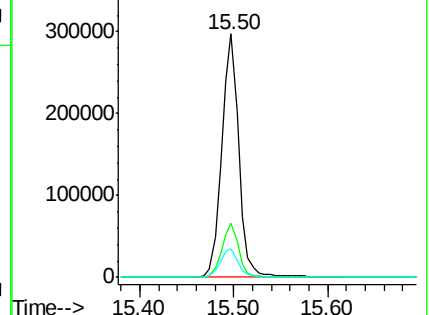
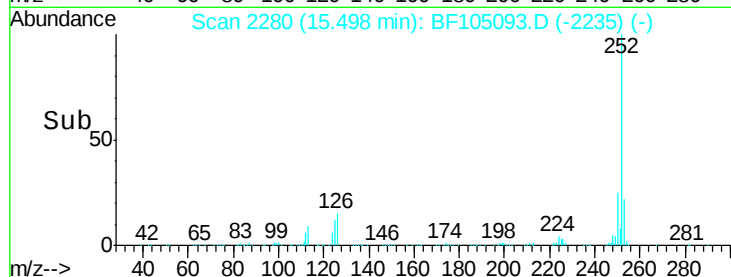
125 11.9 9.8 14.6



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: 46.148 ng

RT: 17.05 min Scan# 2544

Delta R.T. -0.05 min

Lab File: BF105093.D

Acq: 4 May 2018 00:33

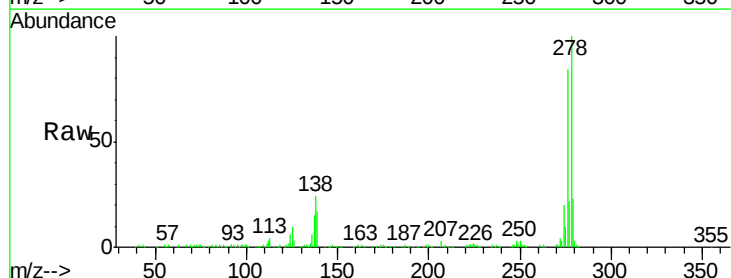
Tgt Ion:278 Resp: 310411

Ion Ratio Lower Upper

278 100

139 16.8 15.9 23.9

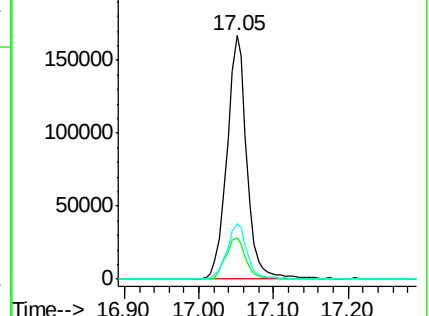
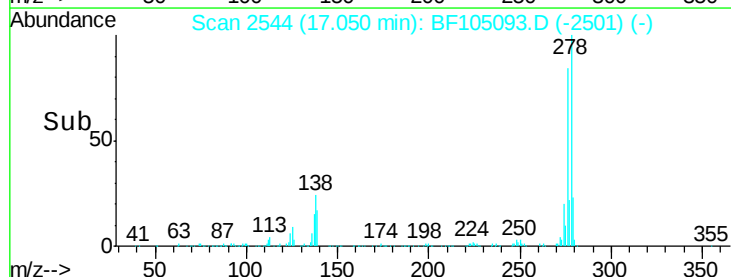
279 22.9 19.0 28.4

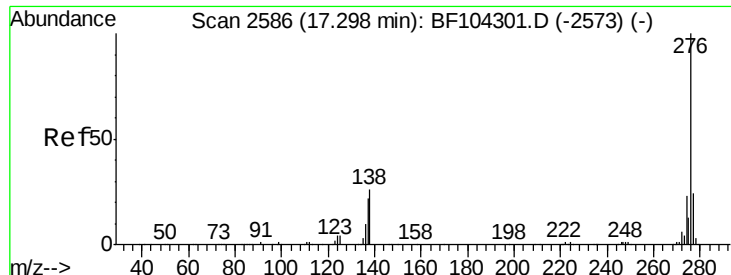


Abundance Ion 278.00 (277.70 to 278.70): E

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: 46.184 ng
 RT: 17.49 min Scan# 2618
 Delta R.T. -0.05 min
 Lab File: BF105093.D
 Acq: 4 May 2018 00:33

Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	23.1	21.8	32.8

