

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099764.D
 Acq On : 23 Oct 2017 17:40
 Operator : SJ/JU
 Sample : PB103538BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

Quant Time: Oct 23 23:29:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:08:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	93410	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	397524	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	194635	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	336040	20.00	ng	0.00
75) Chrysene-d12	13.98	240	178695	20.00	ng	0.00
86) Perylene-d12	15.44	264	179898	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	633934	106.55	ng	0.01
7) Phenol-d6	6.45	99	761338	107.92	ng	0.00
23) Nitrobenzene-d5	7.37	82	447321	72.45	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	182396	102.83	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	962244	76.28	ng	0.00
78) Terphenyl-d14	12.92	244	749343	91.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	81935	31.18	ng	91
3) Pyridine	3.38	79	202946	32.12	ng	88
4) n-Nitrosodimethylamine	3.33	42	78572	34.81	ng	# 64
6) Aniline	6.47	93	213927	23.39	ng	97
8) 2-Chlorophenol	6.59	128	242542	38.25	ng	93
9) Benzaldehyde	6.36	77	140322	33.29	ng	87
10) Phenol	6.46	94	288338	37.23	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	218579	36.54	ng	93
12) 1,3-Dichlorobenzene	6.82	146	260155	36.54	ng	96
13) 1,4-Dichlorobenzene	6.82	146	260155	36.00	ng	97
14) 1,2-Dichlorobenzene	6.97	146	239209	36.32	ng	96
15) Benzyl Alcohol	6.96	79	172409	38.43	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	281995	42.44	ng	54
17) 2-Methylphenol	7.07	107	197419	37.22	ng	97
18) Hexachloroethane	7.31	117	86682	35.95	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	149074	36.06	ng	91
20) 3+4-Methylphenols	7.22	107	250419	40.55	ng	# 76
22) Acetophenone	7.22	105	316961	35.02	ng	# 97
24) Nitrobenzene	7.39	77	229584	36.90	ng	92
25) Isophorone	7.63	82	449838	40.15	ng	99
26) 2-Nitrophenol	7.71	139	137024	38.45	ng	# 86
27) 2,4-Dimethylphenol	7.75	122	223581	42.58	ng	96
28) bis(2-Chloroethoxy)methane	7.83	93	293452	37.40	ng	99
29) 2,4-Dichlorophenol	7.95	162	215737	39.55	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	213798	36.69	ng	99
31) Naphthalene	8.11	128	695322	36.24	ng	100
32) Benzoic acid	7.89	122	120173	26.00	ng	95
33) 4-Chloroaniline	8.16	127	130735	16.50	ng	95
34) Hexachlorobutadiene	8.22	225	106110	35.40	ng	99
35) Caprolactam	8.55	113	39449	23.00	ng	# 76
36) 4-Chloro-3-methylphenol	8.66	107	220753	39.65	ng	94
37) 2-Methylnaphthalene	8.80	142	499289	38.83	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	208011	33.09	ng	98
40) Hexachlorocyclopentadiene	8.95	237	66378	56.76	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099764.D
 Acq On : 23 Oct 2017 17:40
 Operator : SJ/JU
 Sample : PB103538BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

Quant Time: Oct 23 23:29:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:08:33 2017
 Response via : Initial Calibration

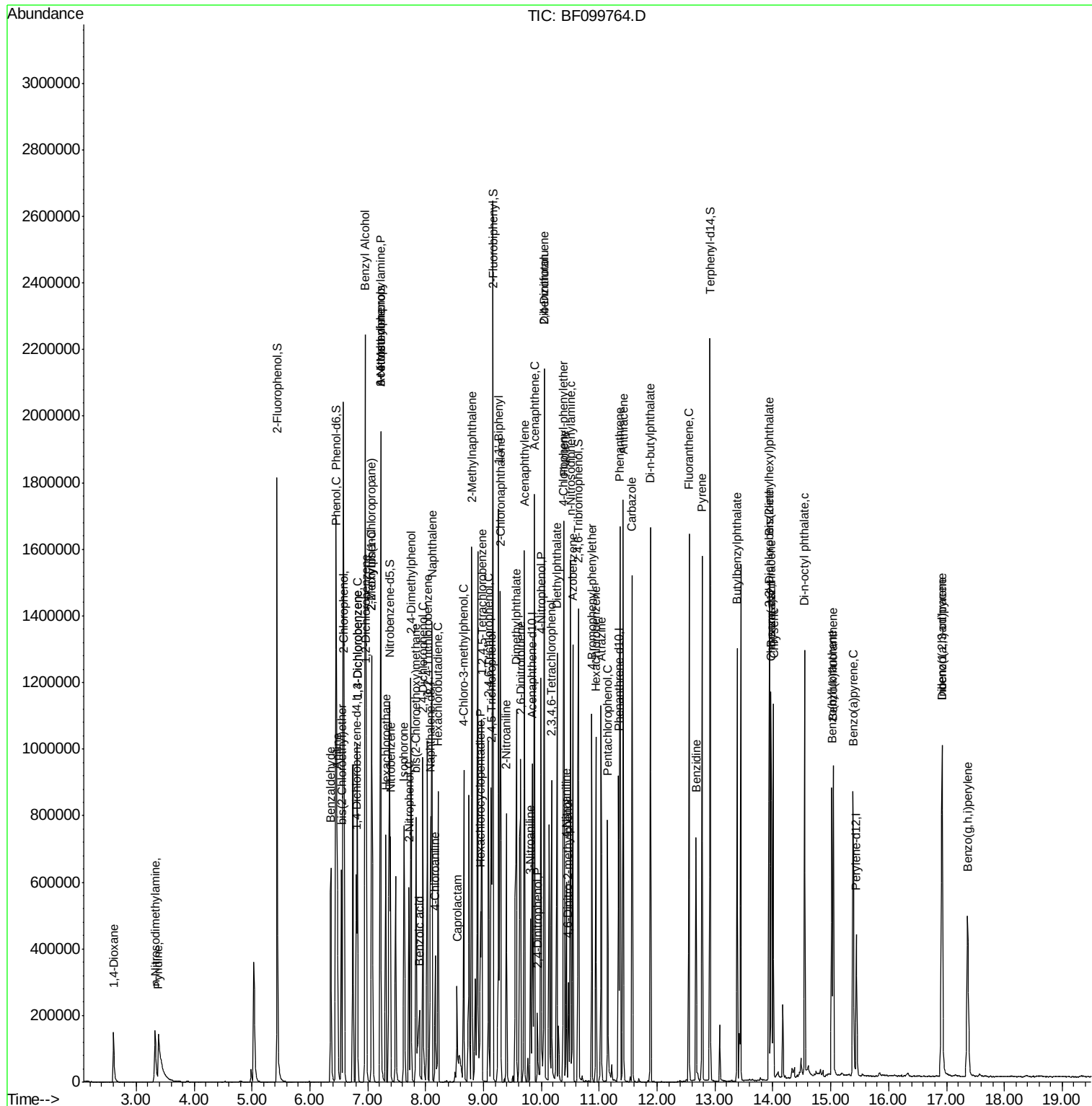
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	141803	37.29	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	152076	37.69	nq	93
45) 1,1'-Biphenyl	9.26	154	589299	33.47	nq	98
46) 2-Chloronaphthalene	9.29	162	462284	36.15	nq	97
47) 2-Nitroaniline	9.40	65	124259	37.02	nq	86
48) Acenaphthylene	9.71	152	691434	35.11	nq	99
49) Dimethylphthalate	9.57	163	565761	36.71	nq	100
50) 2,6-Dinitrotoluene	9.64	165	122689	37.86	nq	86
51) Acenaphthene	9.88	154	412524	34.28	nq	99
52) 3-Nitroaniline	9.81	138	83888	21.97	nq	94
53) 2,4-Dinitrophenol	9.93	184	41698	36.01	nq	# 83
54) Dibenzofuran	10.05	168	607426	35.76	nq	99
55) 4-Nitrophenol	9.99	139	136640	68.49	nq	82
56) 2,4-Dinitrotoluene	10.05	165	147721	37.86	nq	# 95
57) Fluorene	10.40	166	495860	35.26	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	110288	38.98	nq	95
59) Diethylphthalate	10.27	149	550289	36.56	nq	96
60) 4-Chlorophenyl-phenylether	10.38	204	233059	35.21	nq	97
61) 4-Nitroaniline	10.43	138	114639	31.47	nq	85
62) Azobenzene	10.55	77	466980	37.01	nq	90
64) 4,6-Dinitro-2-methylphenol	10.46	198	44966	21.29	nq	80
65) n-Nitrosodiphenylamine	10.50	169	454604	36.65	nq	100
66) 4-Bromophenyl-phenylether	10.87	248	135806	38.39	nq	# 89
67) Hexachlorobenzene	10.95	284	133766	36.96	nq	94
68) Atrazine	11.03	200	143313	38.46	nq	99
69) Pentachlorophenol	11.15	266	92512	59.82	nq	98
70) Phenanthrene	11.36	178	681024	35.91	nq	99
71) Anthracene	11.41	178	703537	36.55	nq	100
72) Carbazole	11.57	167	635506	35.11	nq	99
73) Di-n-butylphthalate	11.89	149	875450	37.92	nq	99
74) Fluoranthene	12.55	202	624259	31.67	nq	98
76) Benzidine	12.67	184	302283	38.66	nq	98
77) Pyrene	12.78	202	609445	44.85	nq	98
79) Butylbenzylphthalate	13.39	149	300286	44.88	nq	91
80) Benzo(a)anthracene	13.97	228	419586	37.04	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	109880	26.72	nq	98
82) Chrysene	14.01	228	403839	37.92	nq	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	406532	43.26	nq	98
84) Di-n-octyl phthalate	14.55	149	615168	38.14	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.93	276	455707	46.61	nq	98
87) Benzo(b)fluoranthene	15.02	252	409650	36.06	nq	99
88) Benzo(k)fluoranthene	15.04	252	384725	35.92	nq	99
89) Benzo(a)pyrene	15.39	252	391298	38.35	nq	97
90) Dibenzo(a,h)anthracene	16.93	278	377380	41.62	nq	99
91) Benzo(g,h,i)perylene	17.37	276	384016	43.29	nq	97

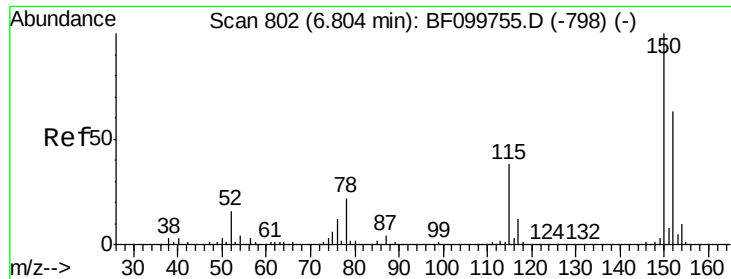
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099764.D
Acq On : 23 Oct 2017 17:40
Operator : SJ/JU
Sample : PB103538BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103538BS

Quant Time: Oct 23 23:29:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:08:33 2017
Response via : Initial Calibration



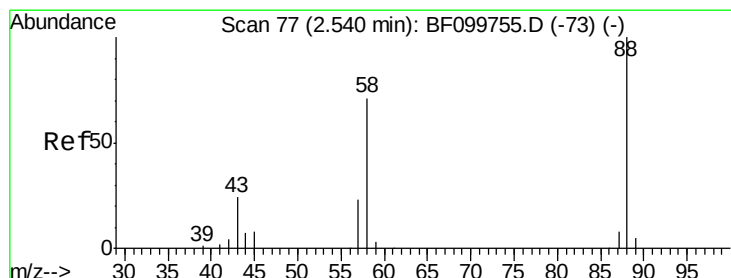
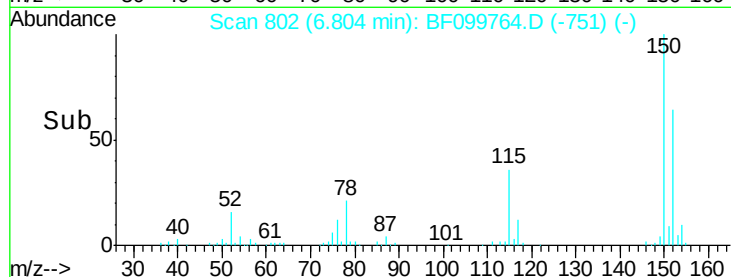
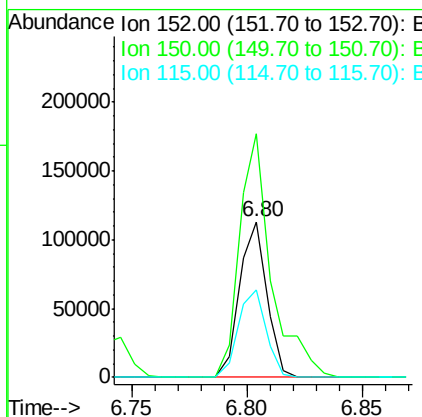
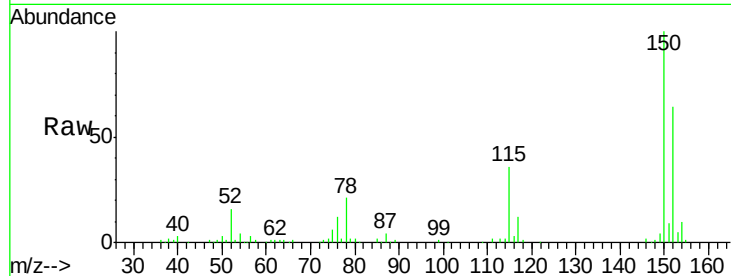


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB103538BS

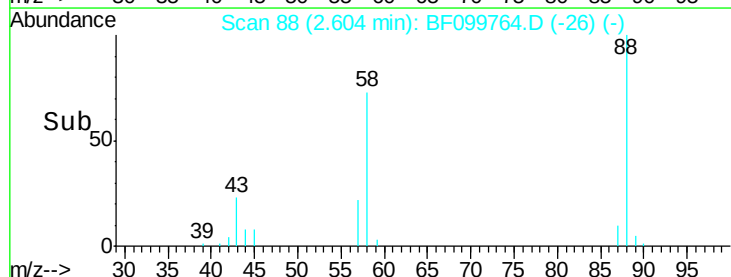
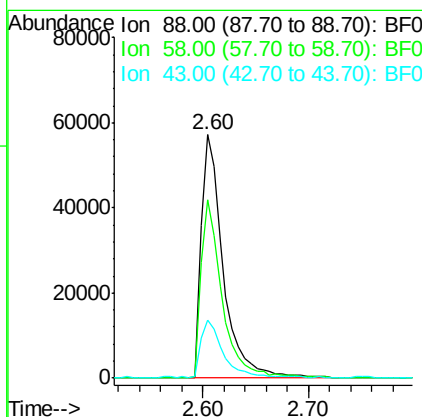
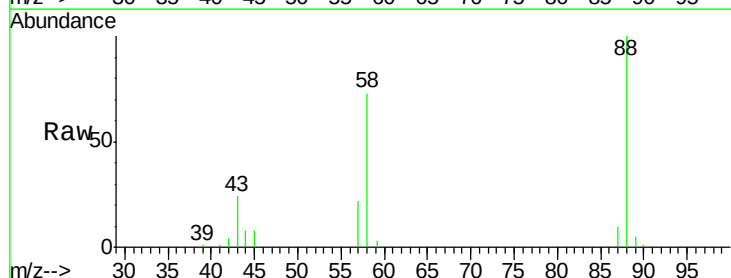
Tot Ion:152 Resp: 93410
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 56.3 50.1 75.1

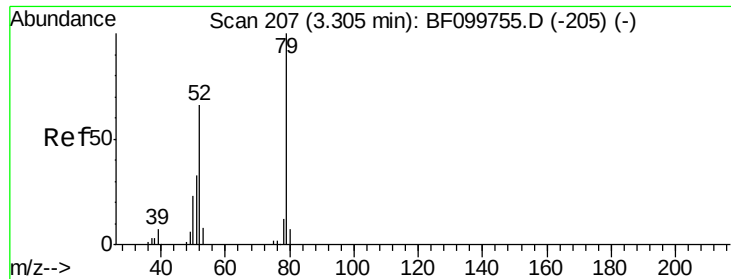


#2

1,4-Dioxane
Concen: 31.18 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.06 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion: 88 Resp: 81935
Ion Ratio Lower Upper
88 100
58 70.7 62.6 93.8
43 25.2 24.6 37.0

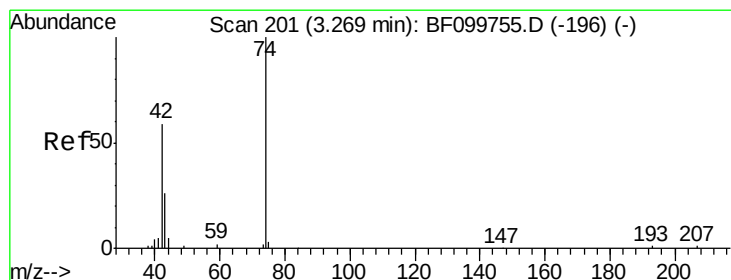
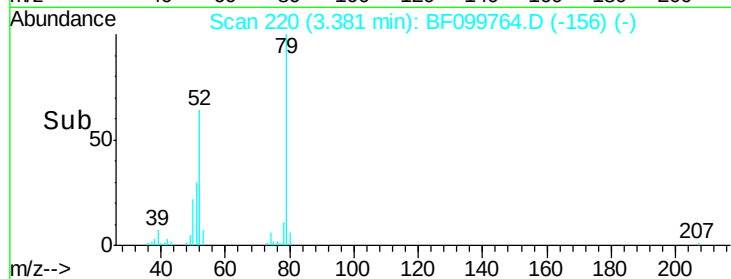
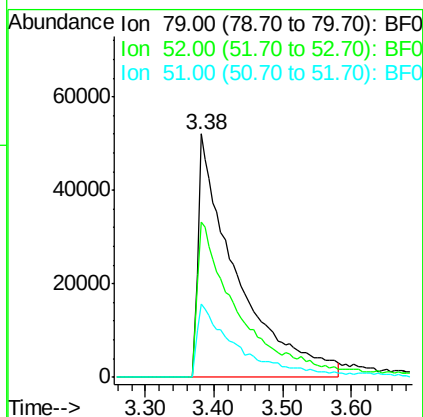
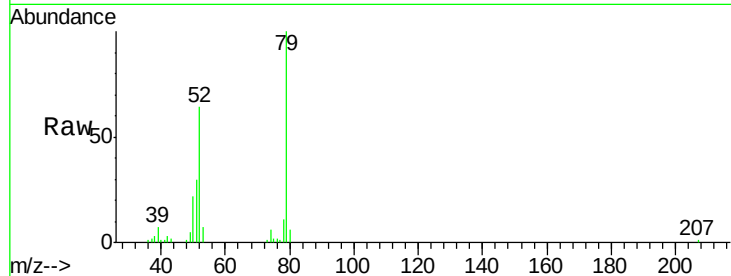




#3
 Pvridine
 Concen: 32.12 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.08 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

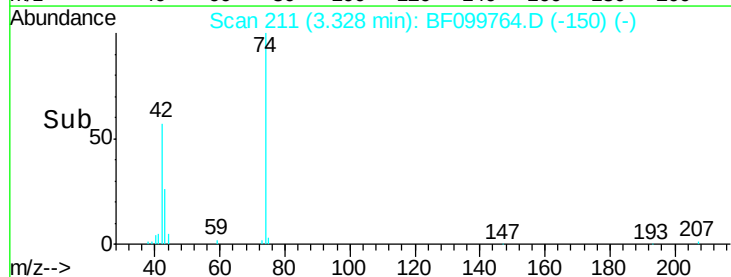
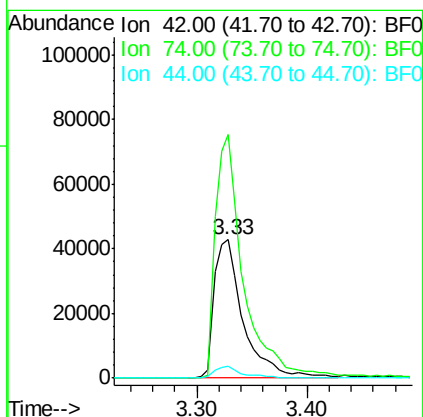
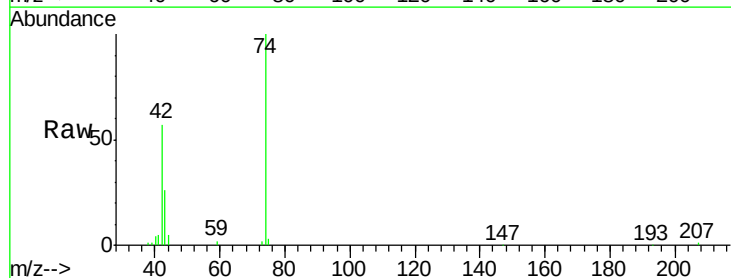
Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

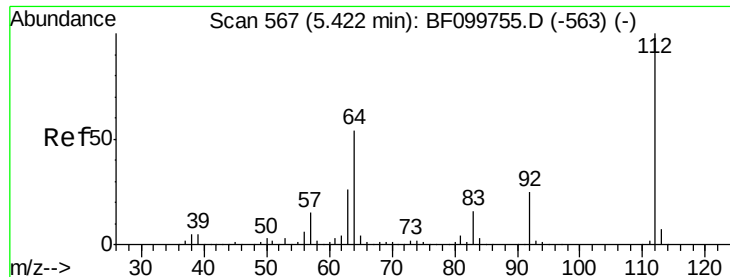
Tot Ion: 79 Resp: 202946
 Ion Ratio Lower Upper
 79 100
 52 64.0 59.8 89.6
 51 30.3 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 34.81 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.06 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion: 42 Resp: 78572
 Ion Ratio Lower Upper
 42 100
 74 176.1 104.9 157.3#
 44 8.8 6.9 10.3

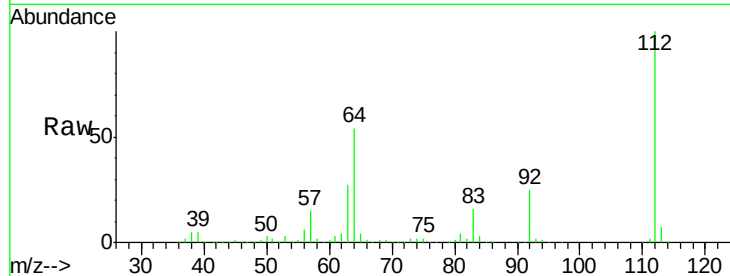




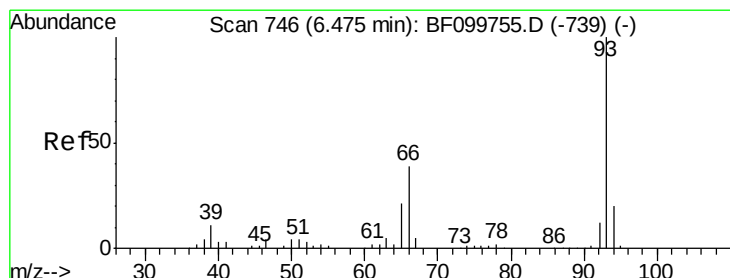
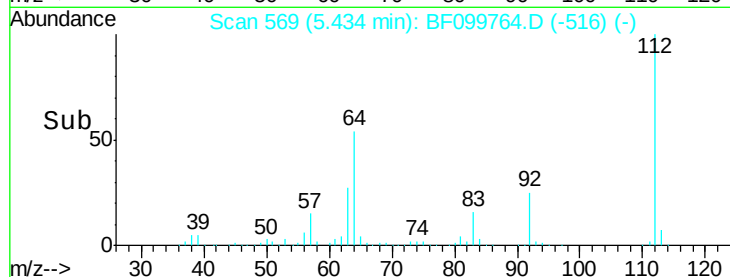
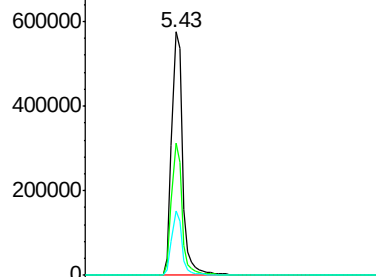
#5
2-Fluorophenol
Concen: 106.55 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB103538BS

Tot Ion: 112 Resp: 633934
Ion Ratio Lower Upper
112 100
64 54.1 47.9 71.9
63 26.6 23.7 35.5

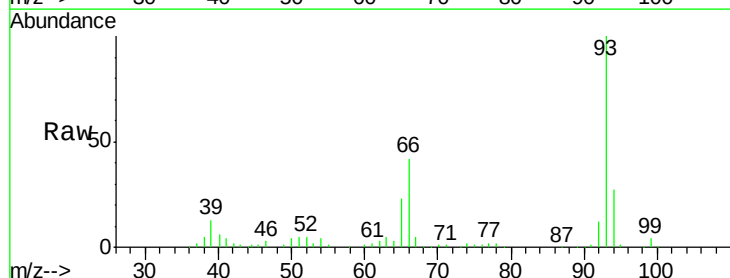


Abundance Ion 112.00 (111.70 to 112.70): BF0
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0

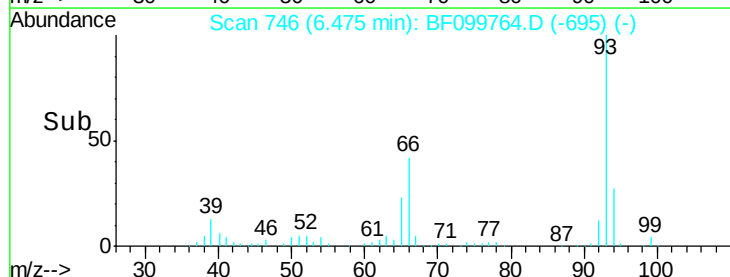
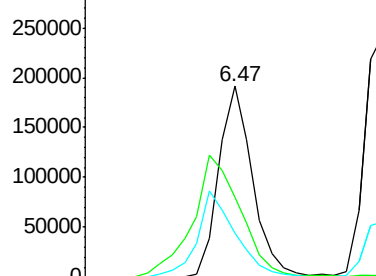


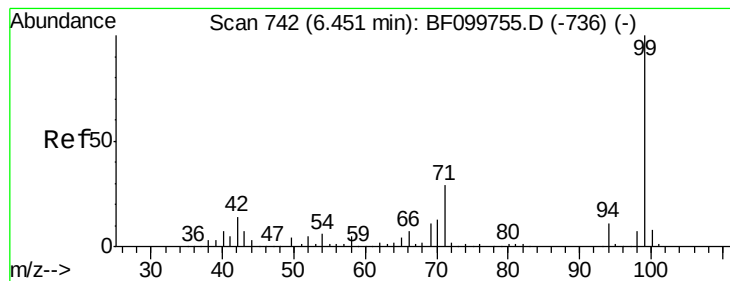
#6
Aniline
Concen: 23.39 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion: 93 Resp: 213927
Ion Ratio Lower Upper
93 100
66 41.8 32.2 48.2
65 22.9 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 107.92 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

ClientSampleId :

PB103538BS

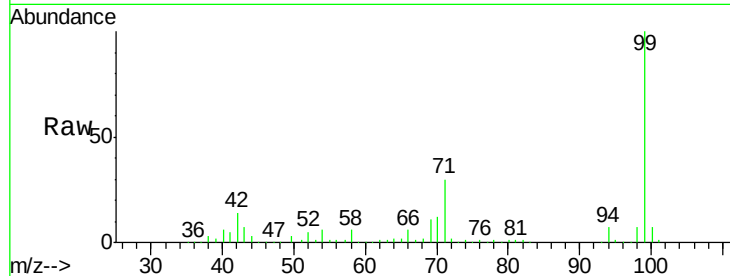
Tot Ion: 99 Resp: 761338

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

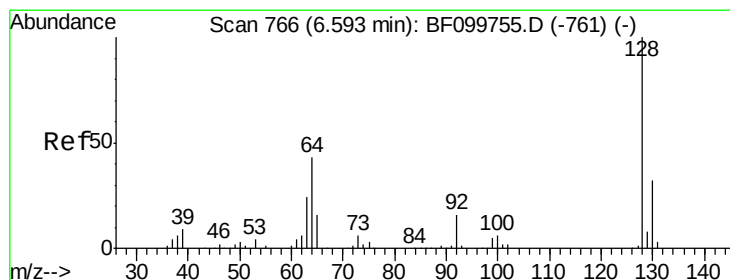
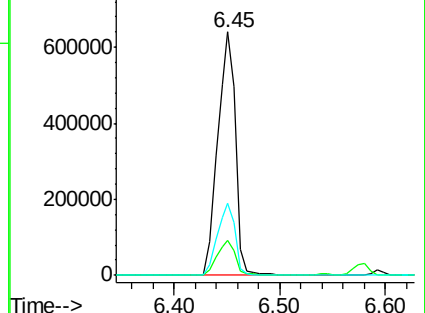
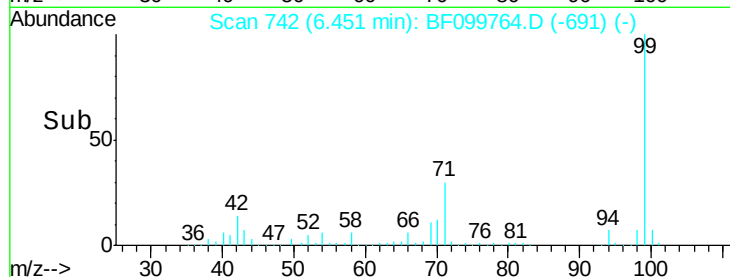
71 29.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.25 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

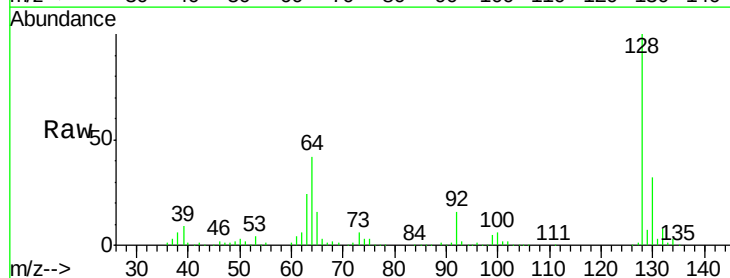
Tgt Ion: 128 Resp: 242542

Ion Ratio Lower Upper

128 100

130 31.6 13.0 53.0

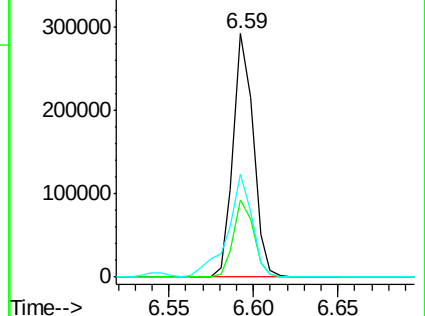
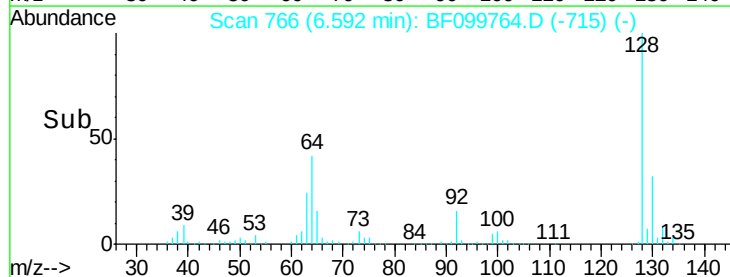
64 42.0 29.4 69.4

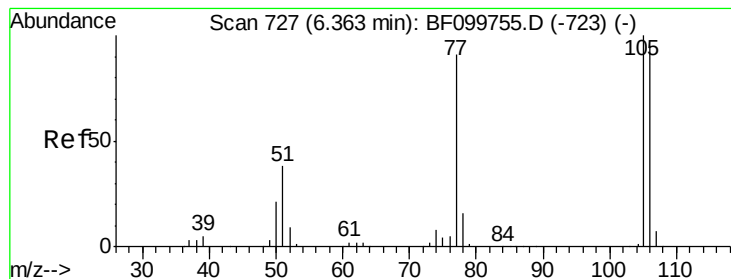


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 33.29 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

ClientSampleId :

PB103538BS

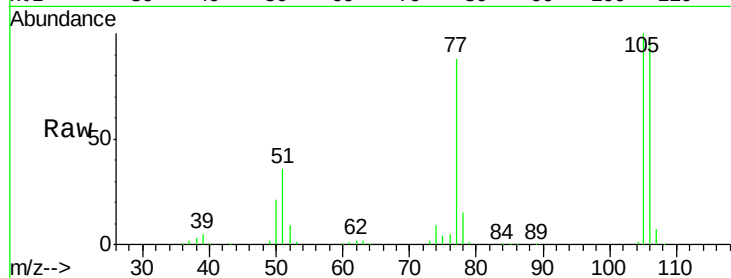
Tot Ion: 77 Resp: 140322

Ion Ratio Lower Upper

77 100

105 113.5 81.1 121.1

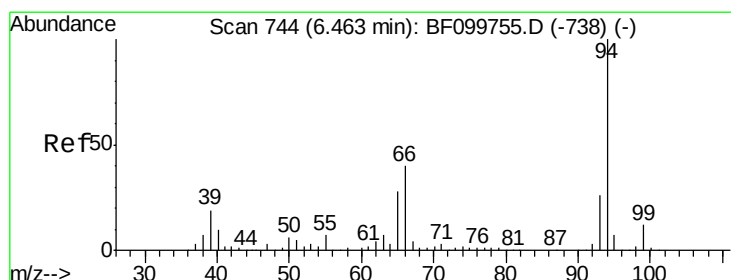
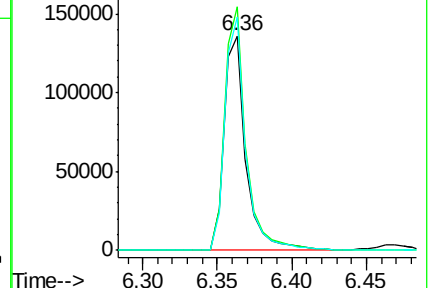
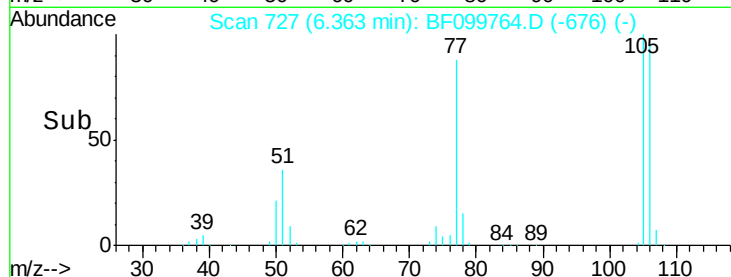
106 108.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.23 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

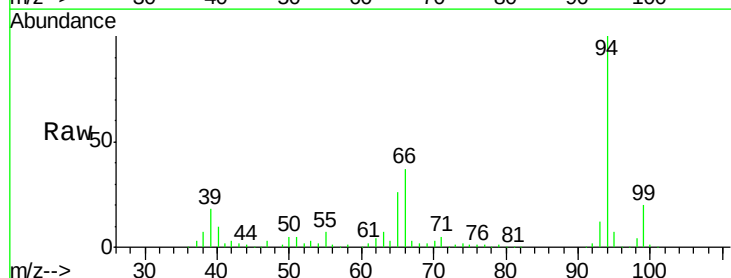
Tgt Ion: 94 Resp: 288338

Ion Ratio Lower Upper

94 100

65 25.9 7.9 47.9

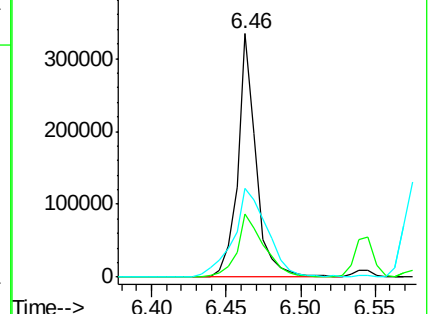
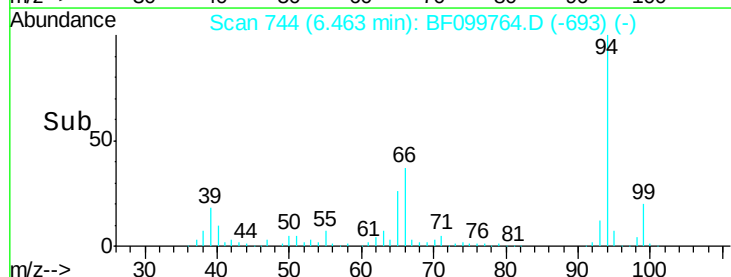
66 36.6 16.2 56.2

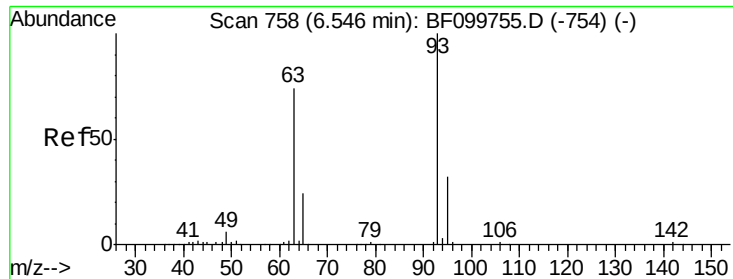


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

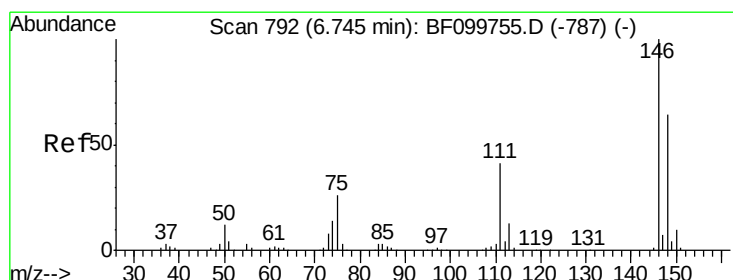
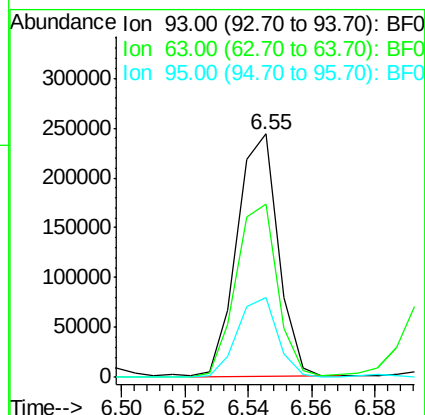
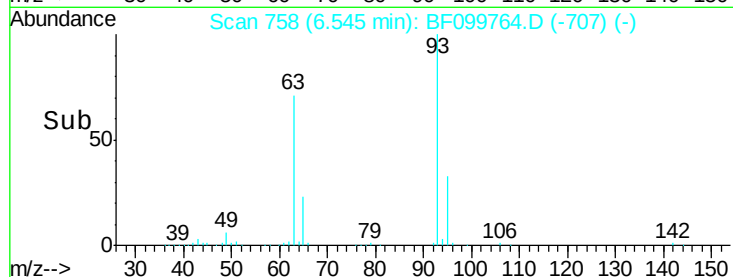
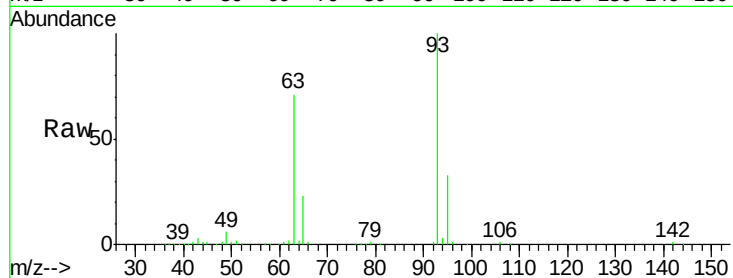




#11
bis(2-Chloroethyl)ether
Concen: 36.54 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

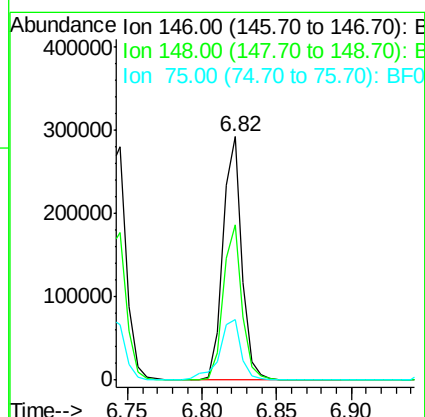
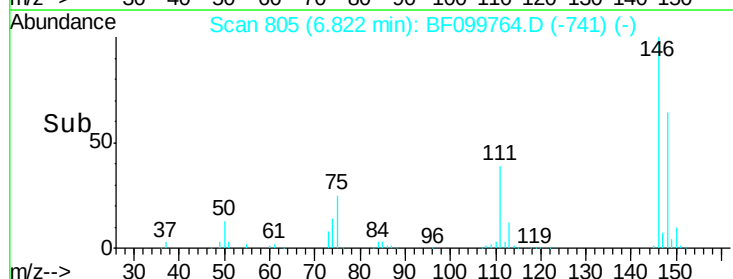
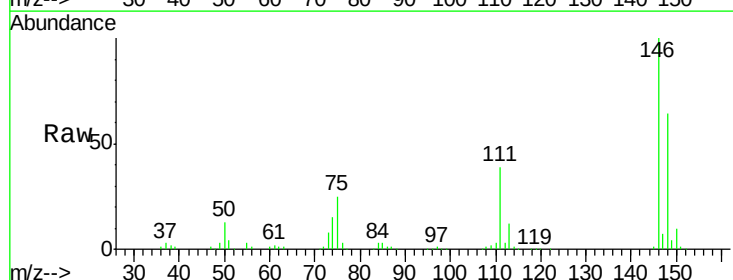
Instrument :
BNA_F
ClientSampleId :
PB103538BS

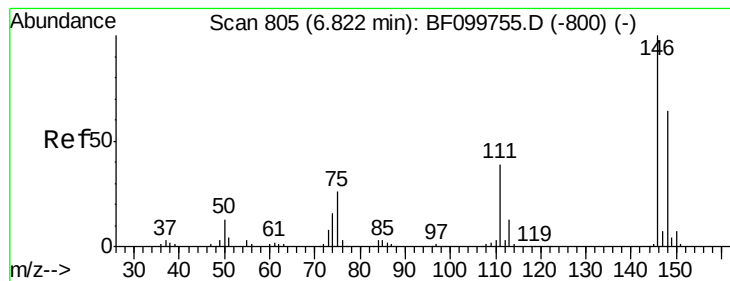
Tot Ion: 93 Resp: 218579
Ion Ratio Lower Upper
93 100
63 71.2 58.6 98.6
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 36.54 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.08 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion: 146 Resp: 260155
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
75 24.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 36.00 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

ClientSampleId :

PB103538BS

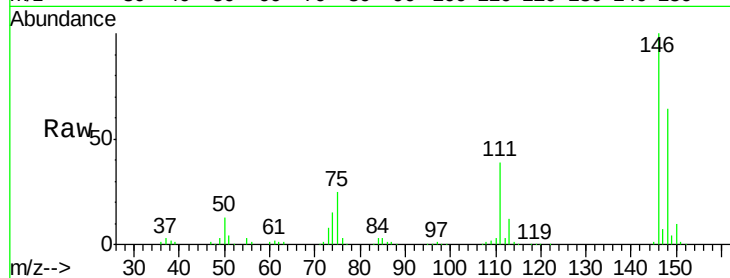
Tot Ion:146 Resp: 260155

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

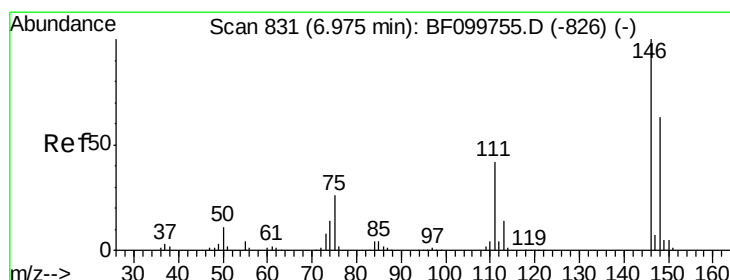
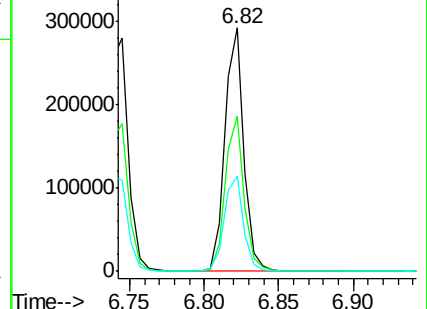
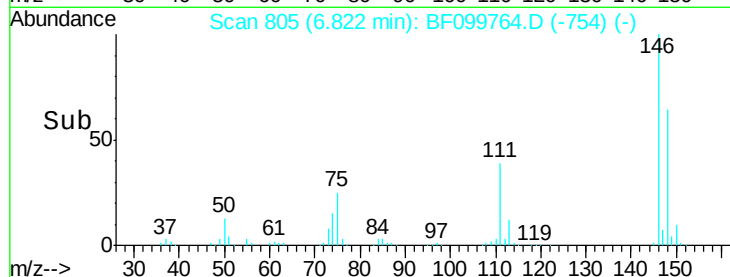
111 38.9 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.32 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

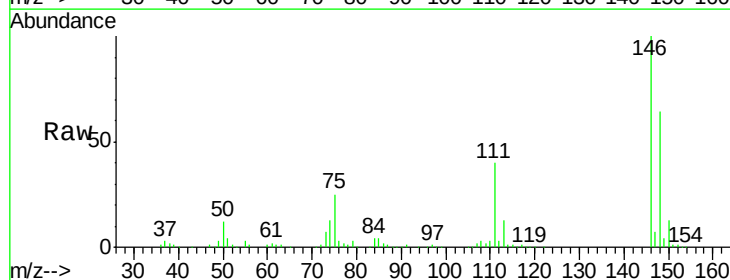
Tgt Ion:146 Resp: 239209

Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

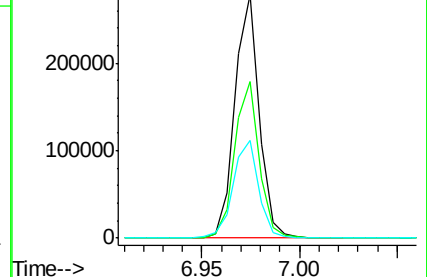
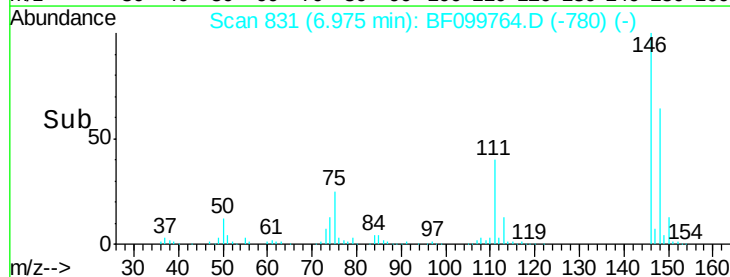
111 40.1 36.0 54.0

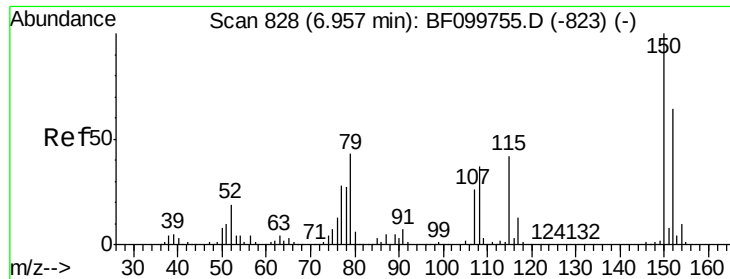


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

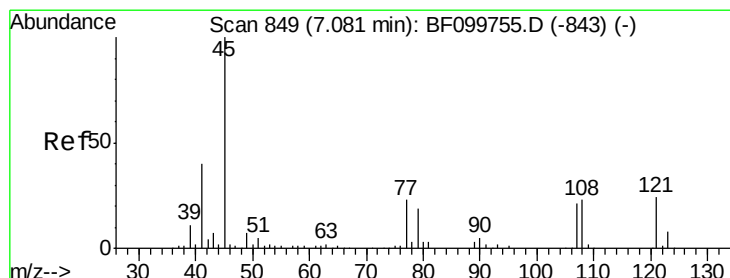
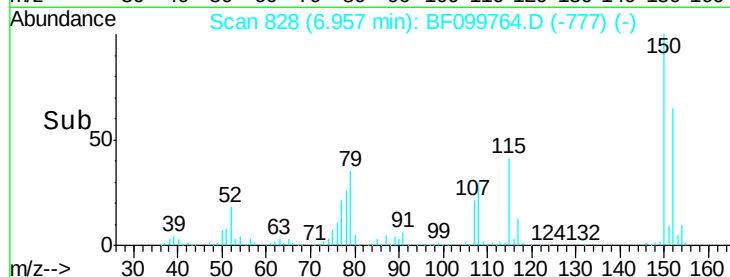
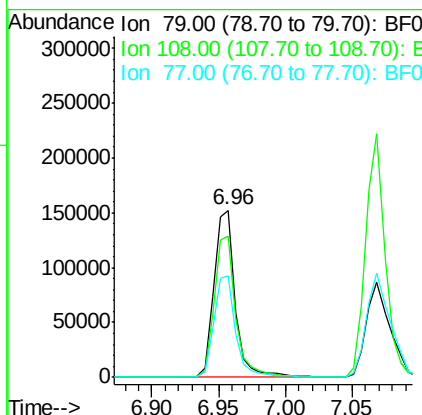
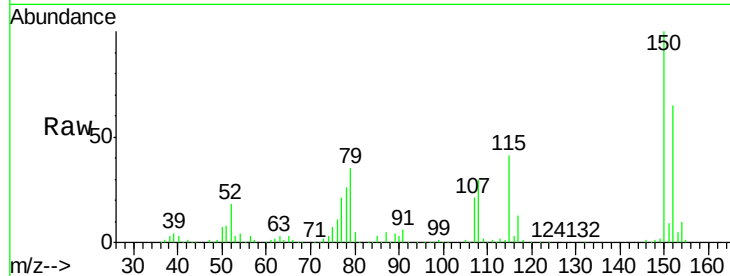




#15
Benzyl Alcohol
Concen: 38.43 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

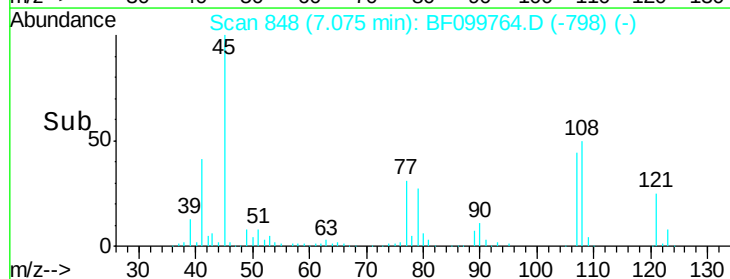
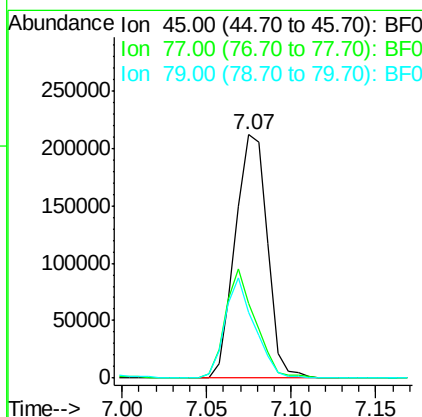
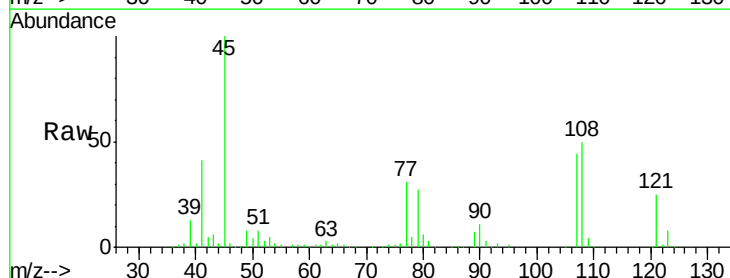
Instrument :
BNA_F
ClientSampleId :
PB103538BS

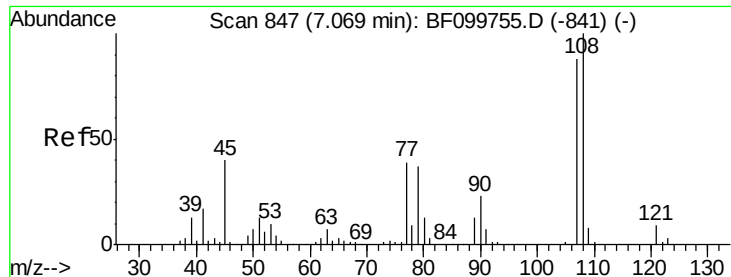
Tot Ion: 79 Resp: 172409
Ion Ratio Lower Upper
79 100
108 84.9 65.1 97.7
77 60.5 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.44 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion: 45 Resp: 281995
Ion Ratio Lower Upper
45 100
77 30.6 0.0 32.9
79 27.0 0.0 29.6





#17

2-Methylphenol

Concen: 37.22 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

ClientSampleId :

PB103538BS

Tot Ion:107 Resp: 197419

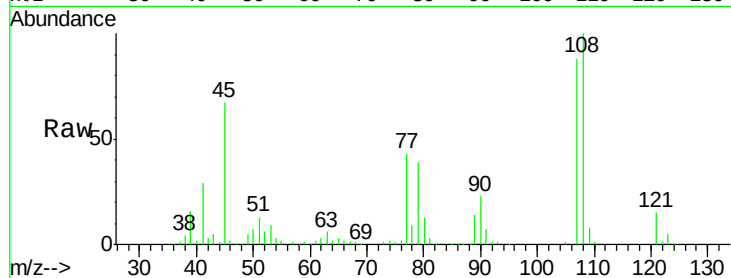
Ion Ratio Lower Upper

107 100

108 113.9 91.7 137.5

77 48.8 33.8 50.8

79 44.7 33.8 50.8

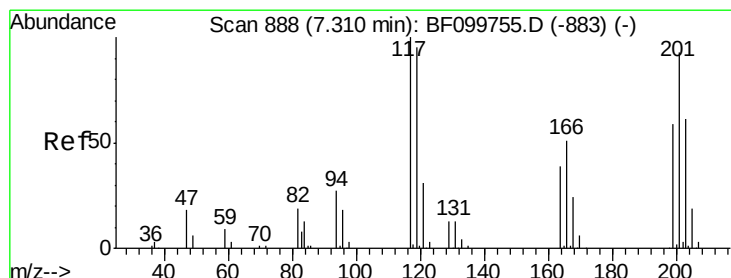
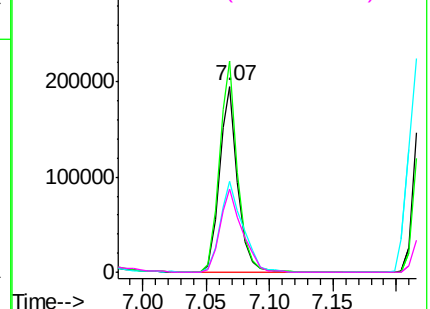
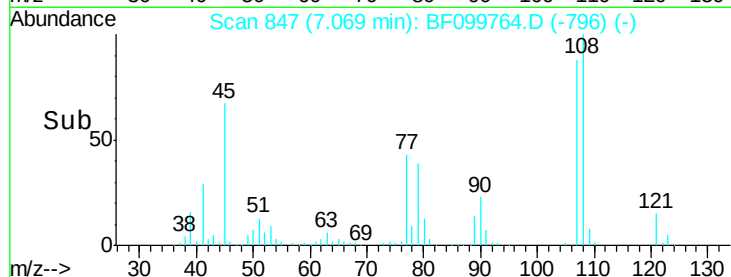


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.95 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

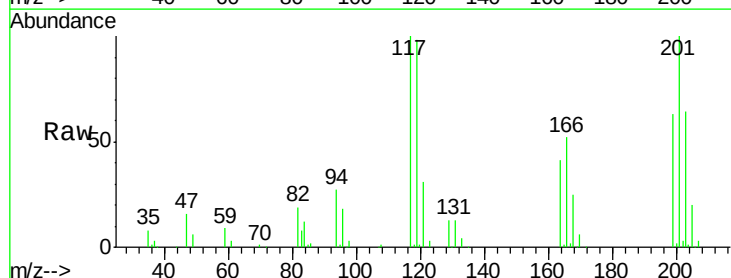
Tgt Ion:117 Resp: 86682

Ion Ratio Lower Upper

117 100

119 98.0 75.8 113.8

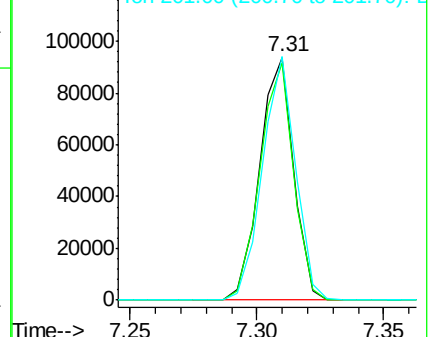
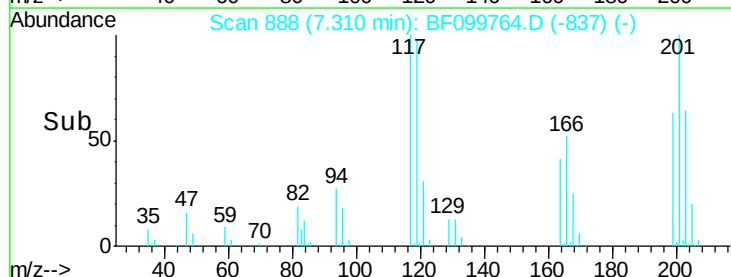
201 100.5 75.7 113.5

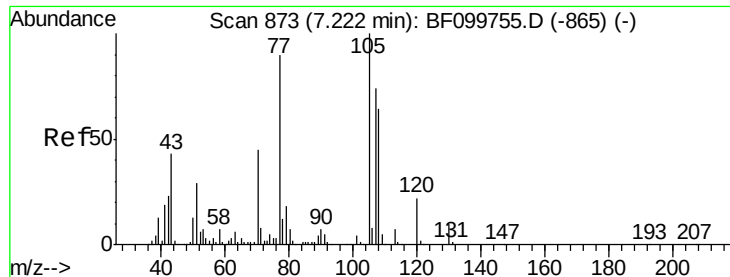


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

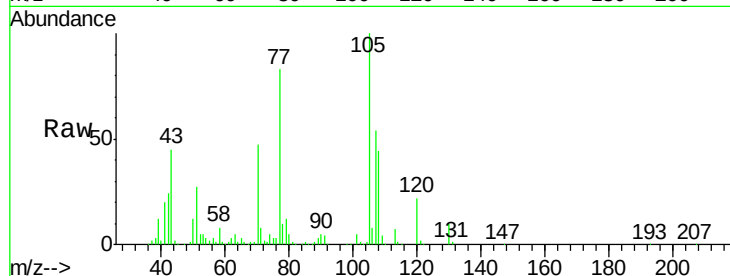




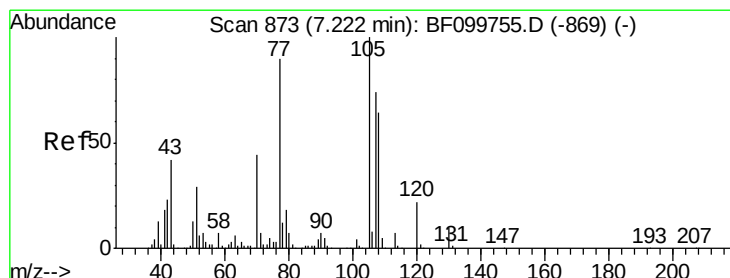
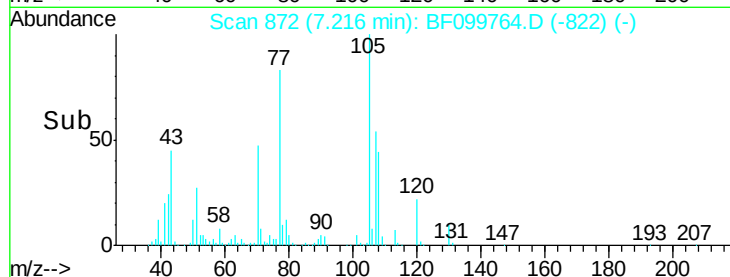
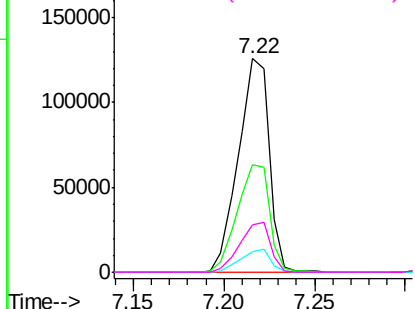
#19
n-Nitroso-di-n-propylamine
Concen: 36.06 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB103538BS

Tot Ion: 70 Resp: 149074
Ion Ratio Lower Upper
70 100
42 50.6 47.5 71.3
101 9.7 7.4 11.2
130 22.2 16.6 25.0



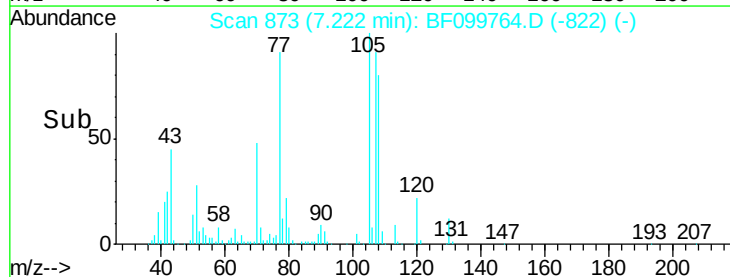
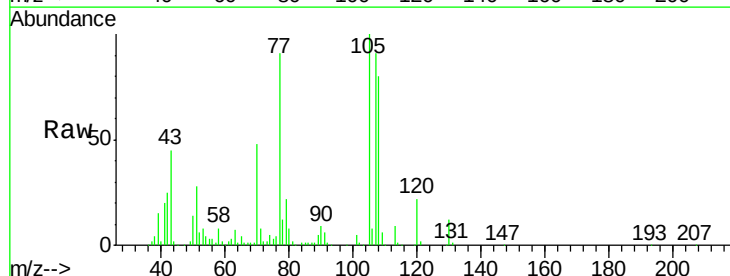
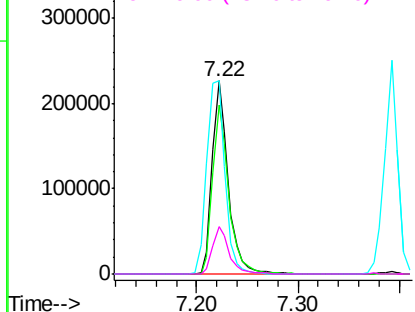
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

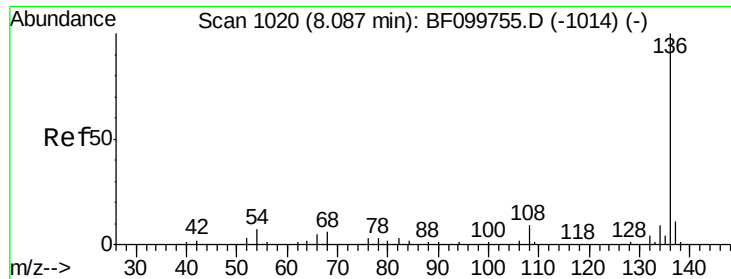


#20
3+4-Methylphenols
Concen: 40.55 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion: 107 Resp: 250419
Ion Ratio Lower Upper
107 100
108 87.4 68.2 108.2
77 100.1 26.7 66.7#
79 24.4 6.3 46.3

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): BF0
Ion 79.00 (78.70 to 79.70): BF0

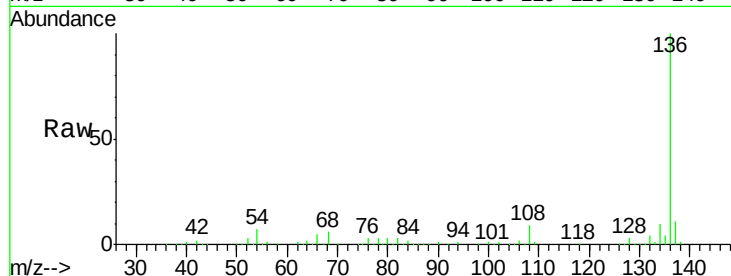




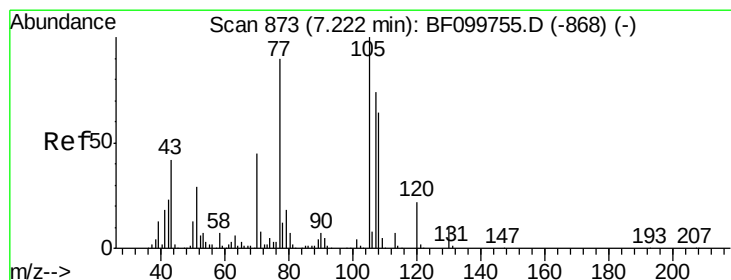
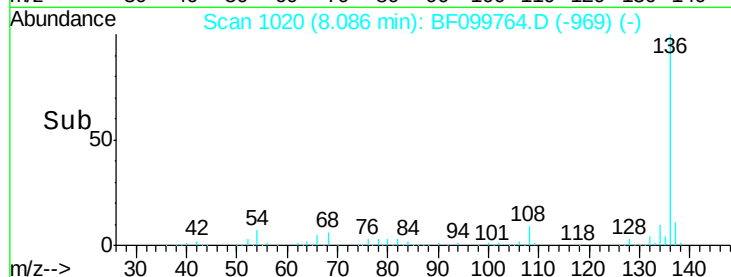
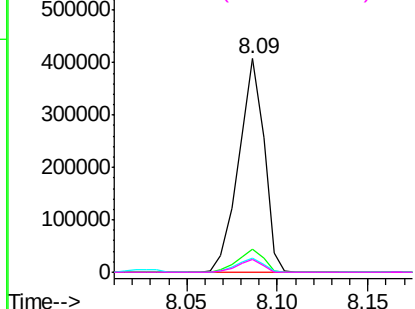
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB103538BS

Tot Ion:136	Resp:	397524
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	6.6	6.6 9.8
68	5.8	5.0 7.4

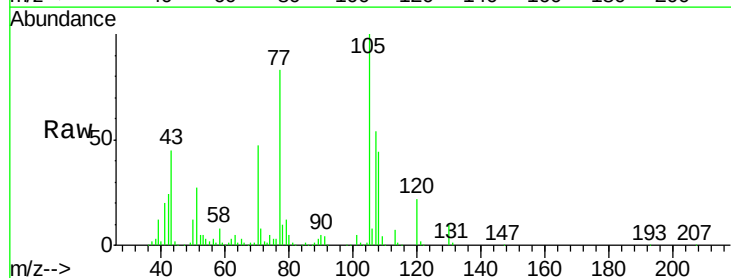


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

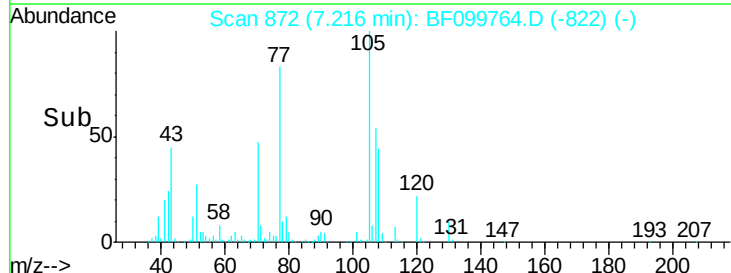
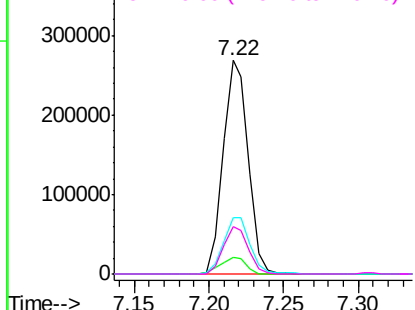


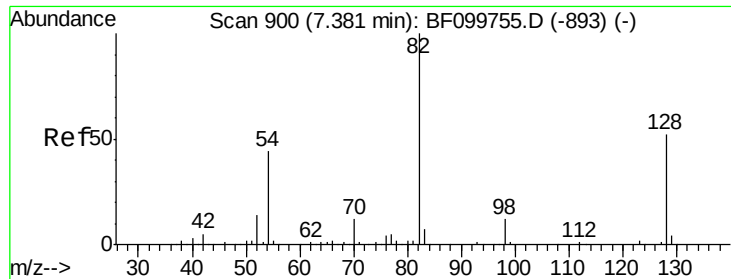
#22
Acetophenone
Concen: 35.02 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion:105	Resp:	316961
Ion Ratio	Lower	Upper
105	100	
71	8.1	4.4 6.6#
51	26.6	22.3 33.5
120	22.1	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

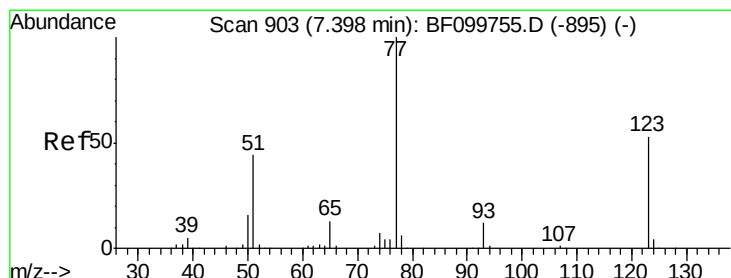
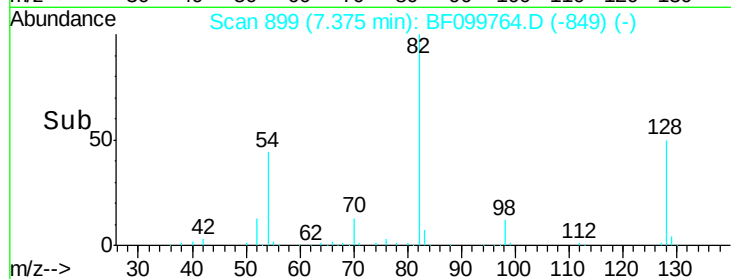
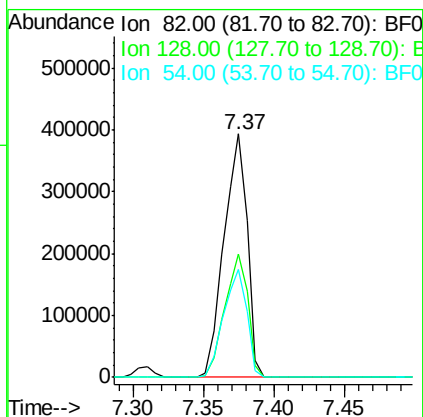
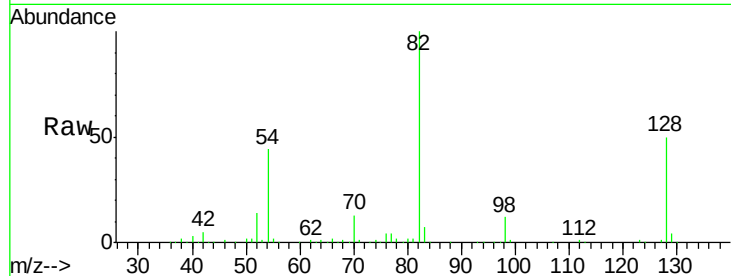




#23
Nitrobenzene-d5
Concen: 72.45 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

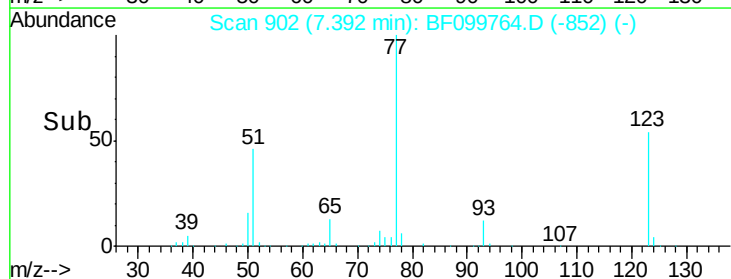
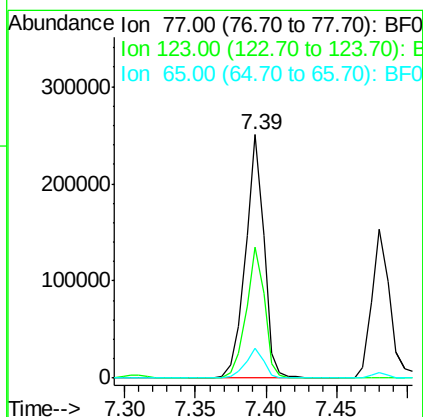
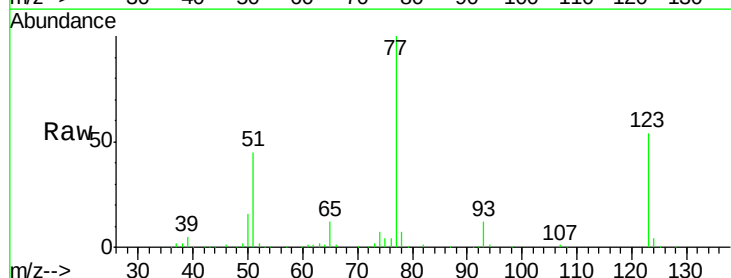
Instrument :
BNA_F
ClientSampleId :
PB103538BS

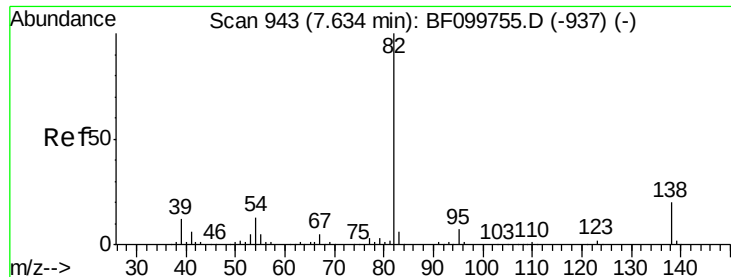
Tot Ion: 82 Resp: 447321
Ion Ratio Lower Upper
82 100
128 50.5 36.1 54.1
54 44.2 41.4 62.2



#24
Nitrobenzene
Concen: 36.90 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion: 77 Resp: 229584
Ion Ratio Lower Upper
77 100
123 53.9 37.9 56.9
65 12.4 11.0 16.4





#25

Isophorone

Concen: 40.15 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

ClientSampleId :

PB103538BS

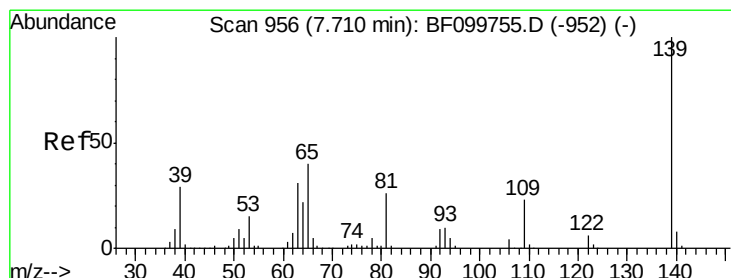
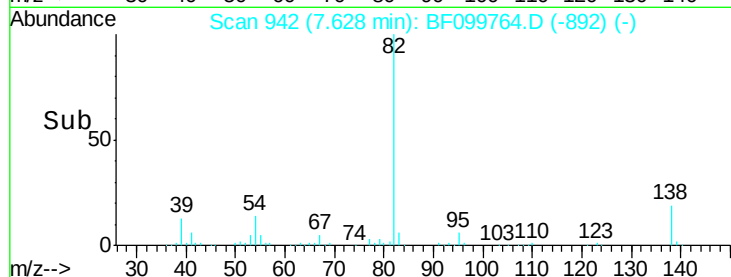
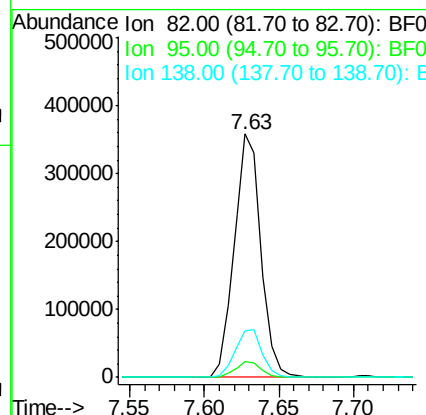
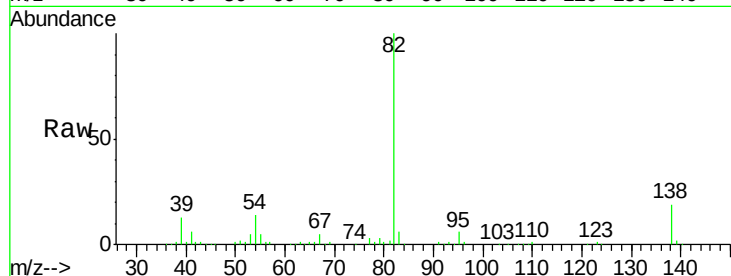
Tot Ion: 82 Resp: 449838

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 19.1 14.9 22.3



#26

2-Nitrophenol

Concen: 38.45 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

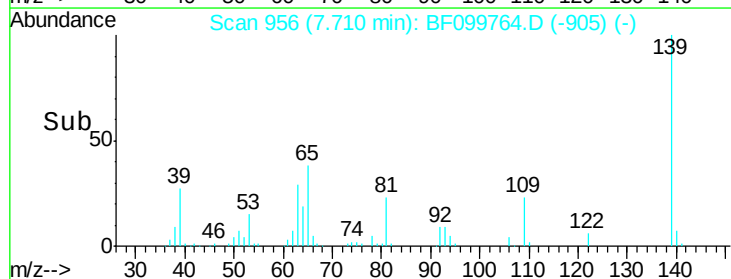
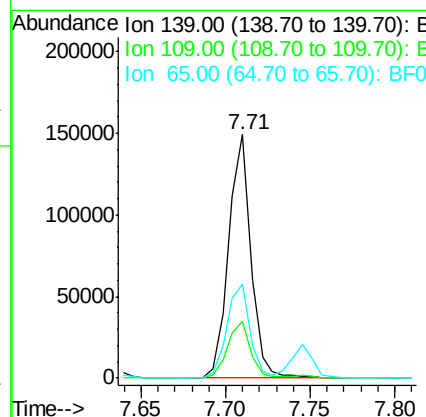
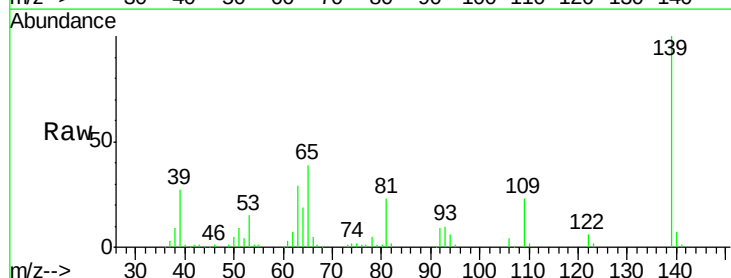
Tgt Ion: 139 Resp: 137024

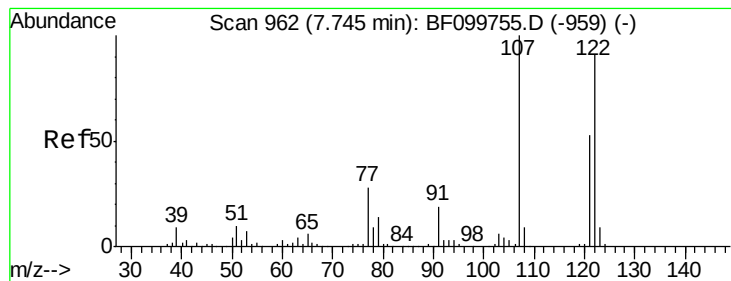
Ion Ratio Lower Upper

139 100

109 23.4 22.7 34.1

65 38.6 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 42.58 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

ClientSampleId :

PB103538BS

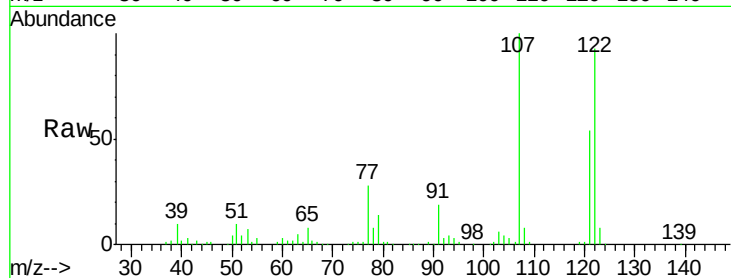
Tot Ion:122 Resp: 223581

Ion Ratio Lower Upper

122 100

107 107.6 91.2 136.8

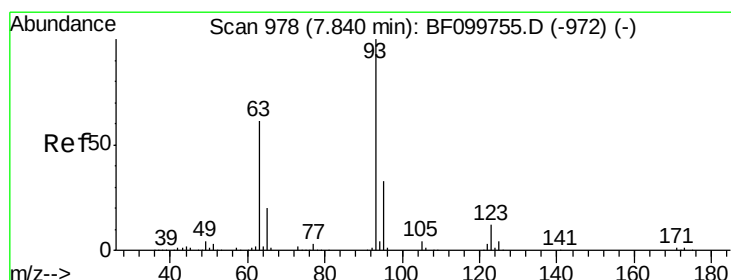
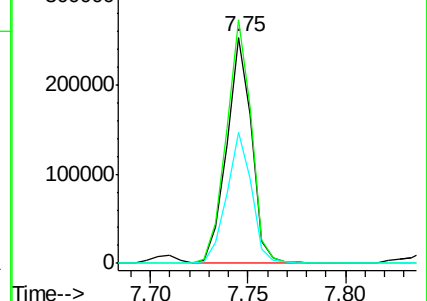
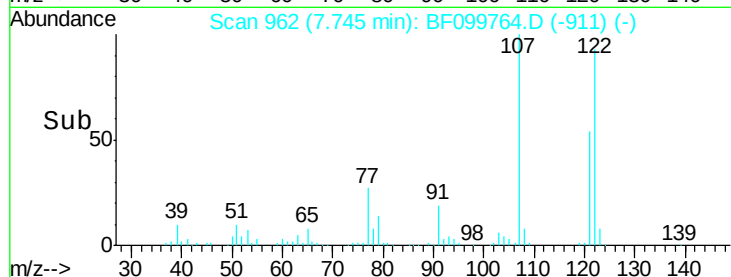
121 57.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.40 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

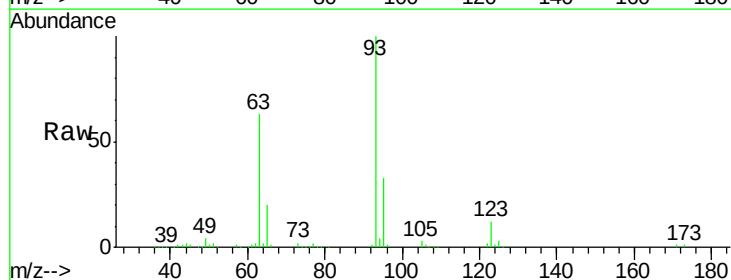
Tgt Ion: 93 Resp: 293452

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

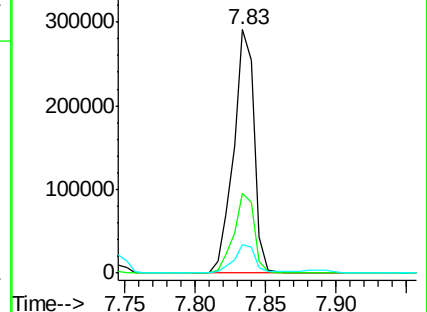
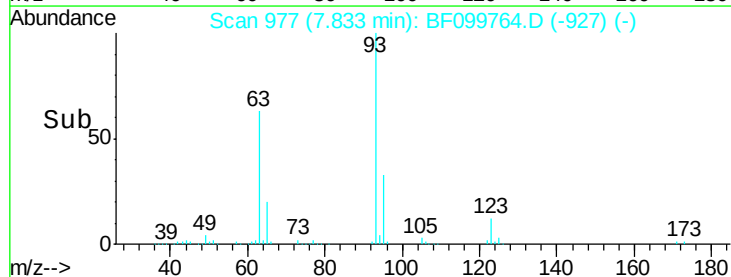
123 11.7 9.8 14.6

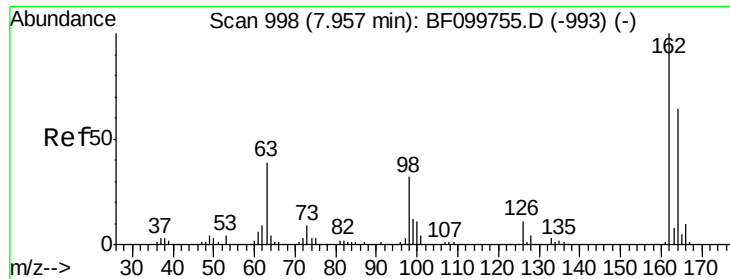


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

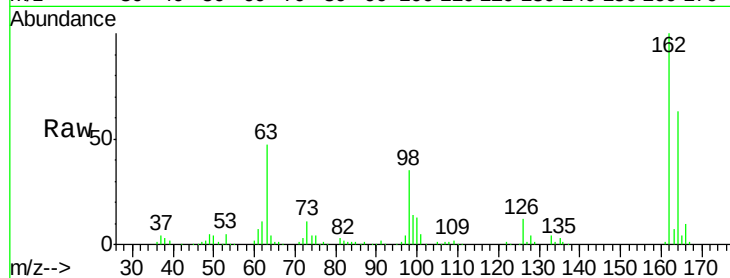




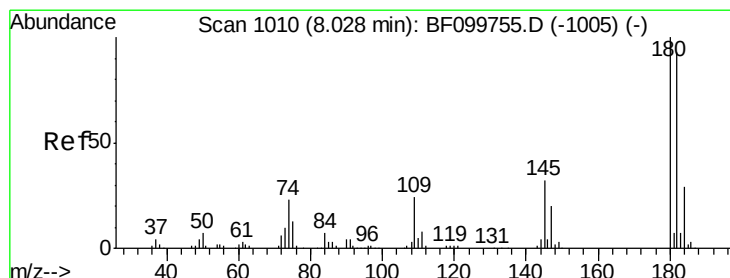
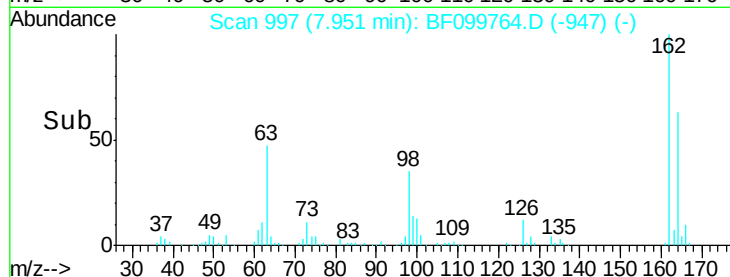
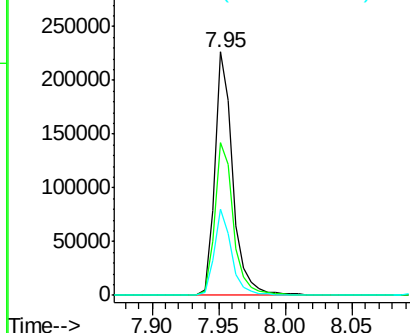
#29
 2,4-Dichlorophenol
 Concen: 39.55 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	42.7	82.7
98	35.3	18.1	58.1

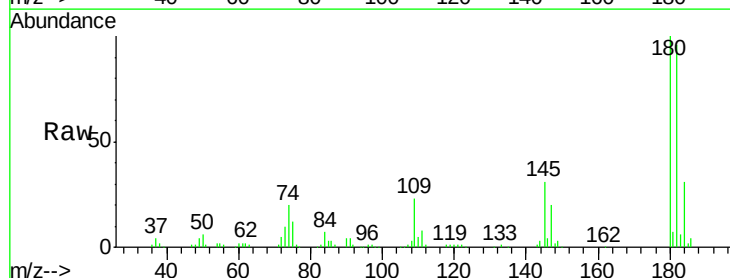


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

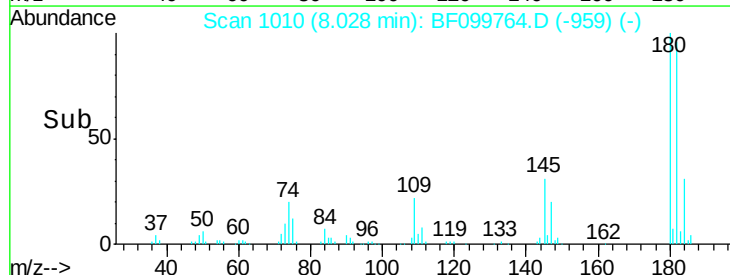
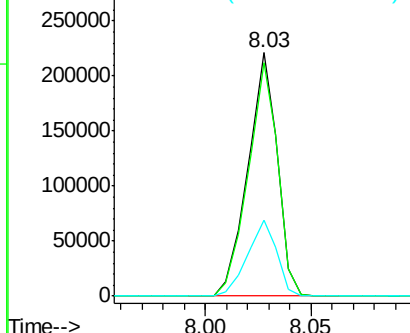


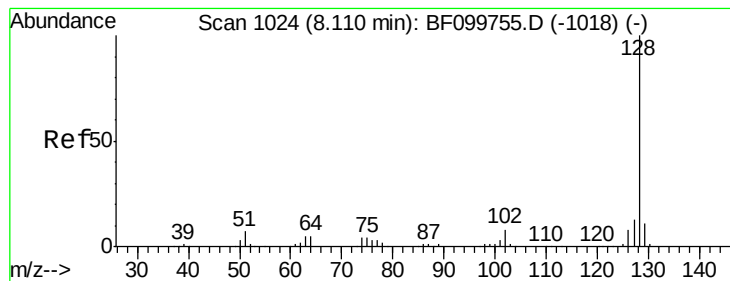
#30
 1,2,4-Trichlorobenzene
 Concen: 36.69 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.8	115.2
145	31.2	26.5	39.7



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





#31

Naphthalene

Concen: 36.24 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

ClientSampleId :

PB103538BS

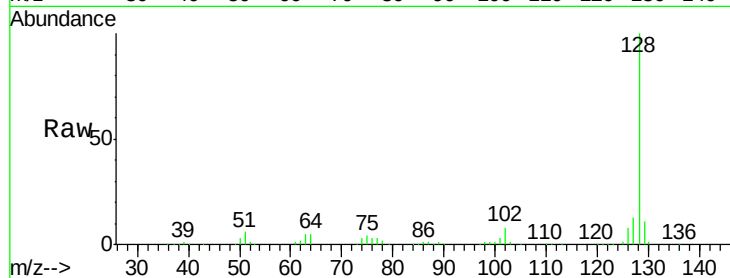
Tot Ion:128 Resp: 695322

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

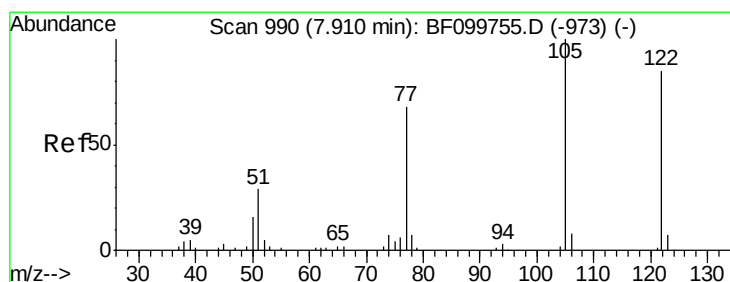
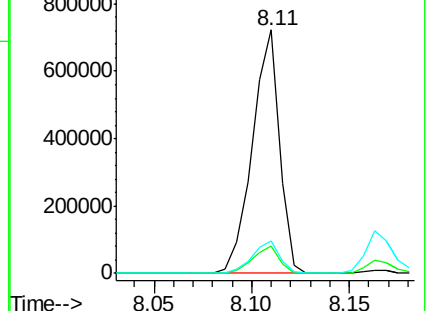
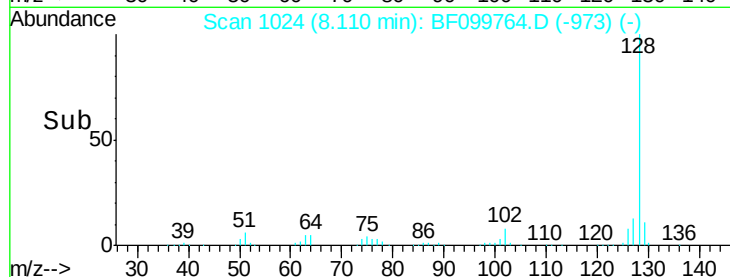
127 13.5 10.9 16.3



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: 26.00 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

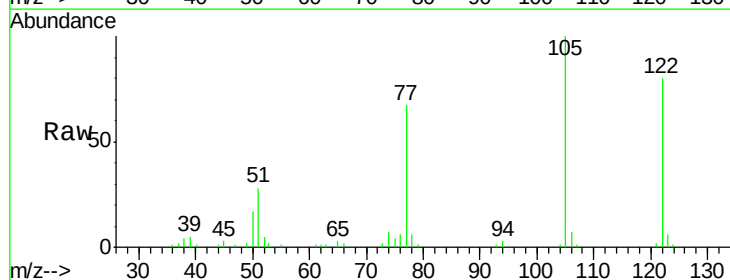
Tgt Ion:122 Resp: 120173

Ion Ratio Lower Upper

122 100

105 124.6 101.1 141.1

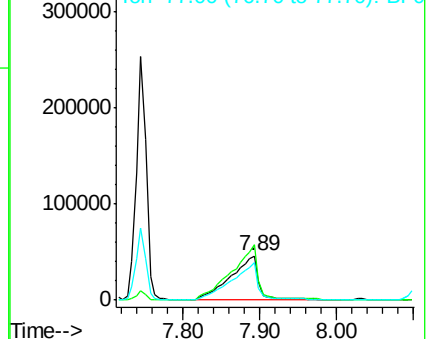
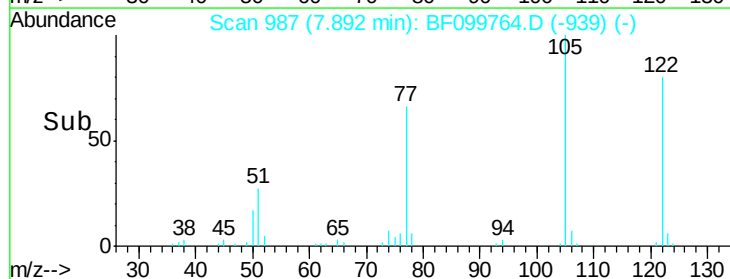
77 83.7 70.7 110.7

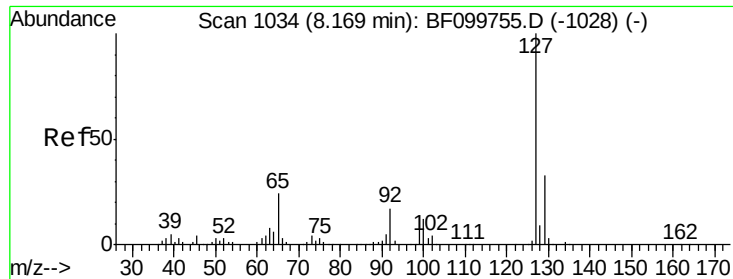


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

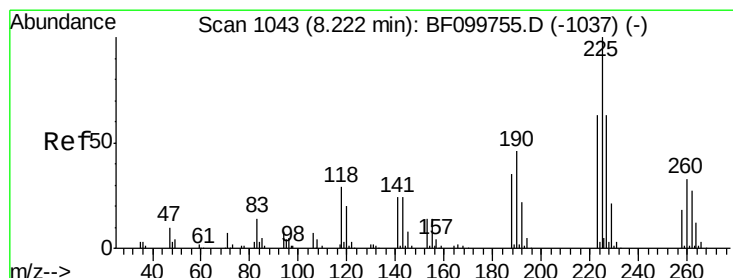
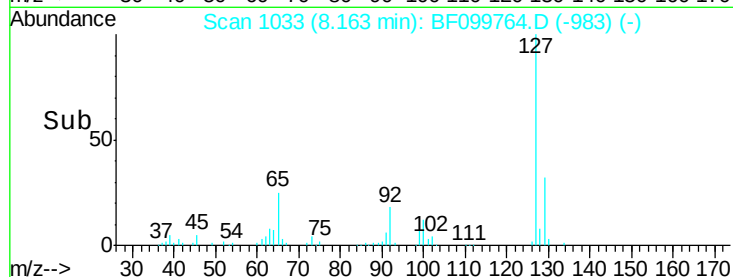
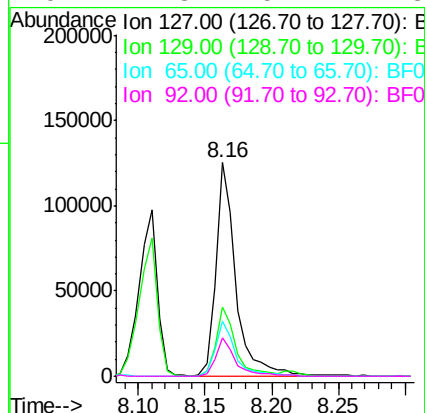
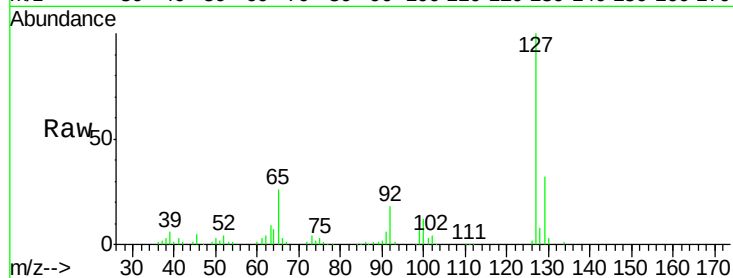




#33
4-Chloroaniline
Concen: 16.50 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

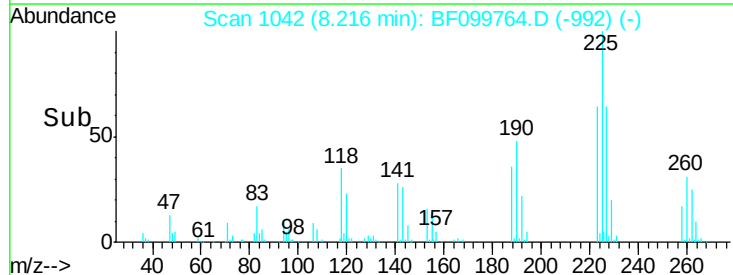
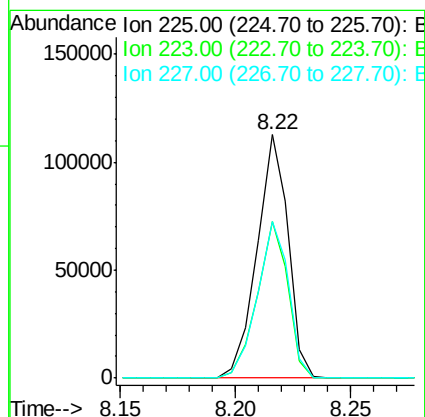
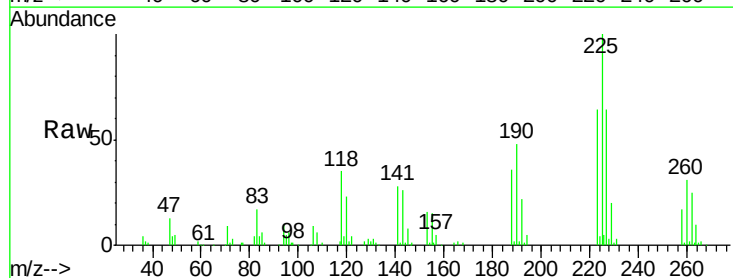
Instrument :
BNA_F
ClientSampleId :
PB103538BS

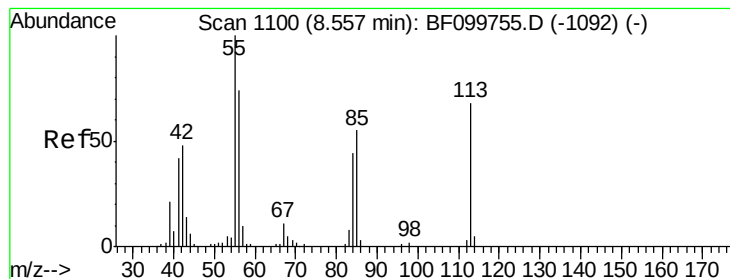
Tot Ion:	127	Resp:	130735
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	25.5	25.0	37.4
92	17.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 35.40 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion:	225	Resp:	106110
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	76.0
227	64.4	51.9	77.9





#35

Caprolactam

Concen: 23.00 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

ClientSampleId :

PB103538BS

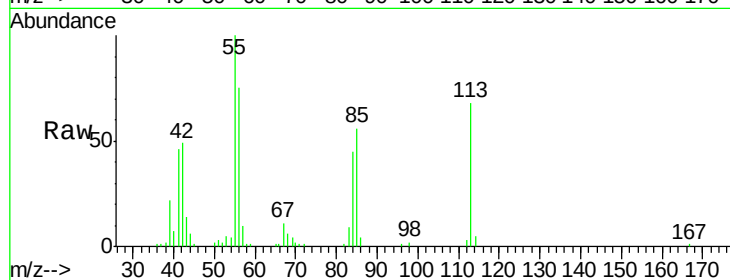
Tot Ion:113 Resp: 39449

Ion Ratio Lower Upper

113 100

55 146.5 163.3 203.3#

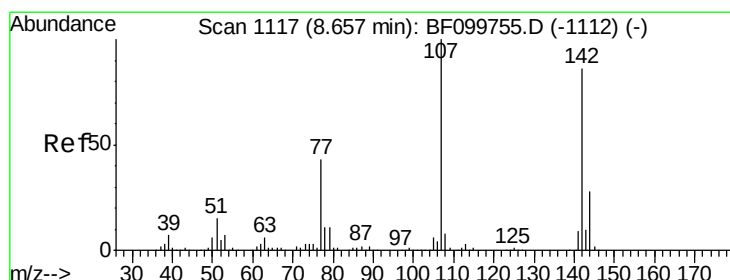
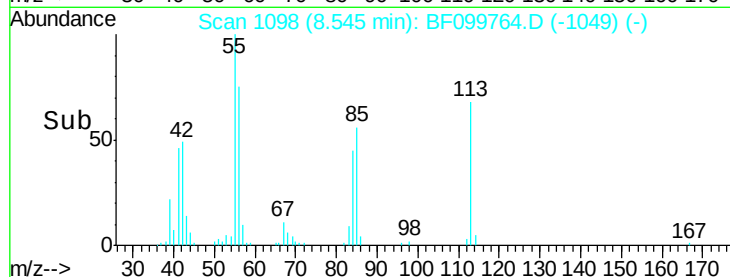
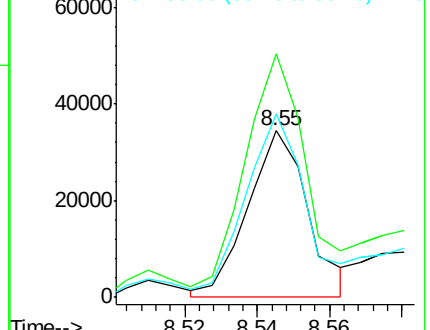
56 110.5 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.65 ng

RT: 8.66 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

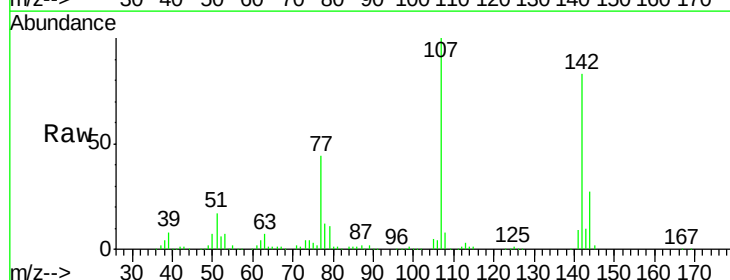
Tgt Ion:107 Resp: 220753

Ion Ratio Lower Upper

107 100

144 26.9 20.5 30.7

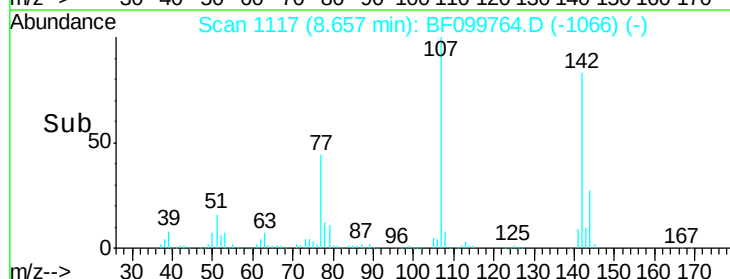
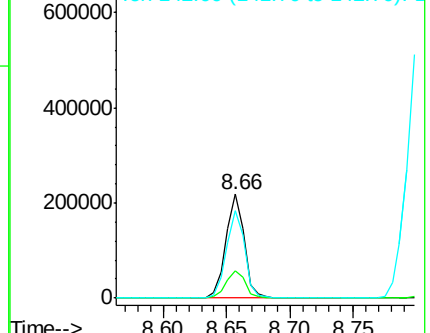
142 83.5 62.0 93.0

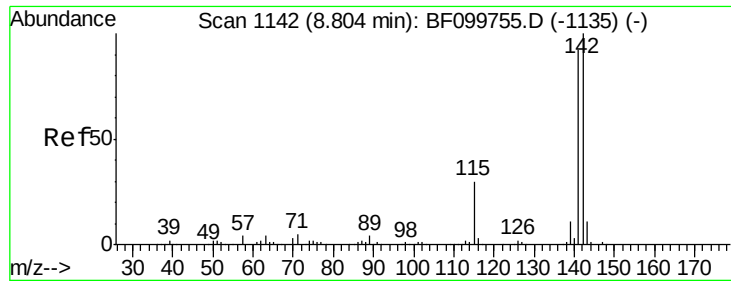


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

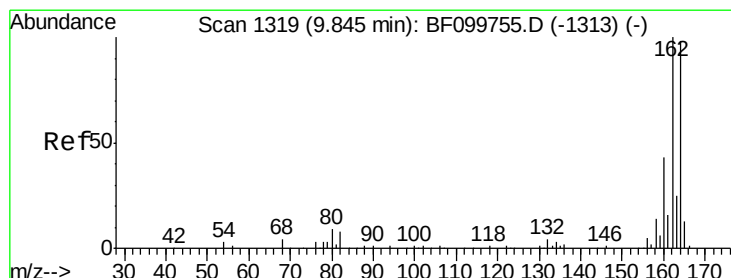
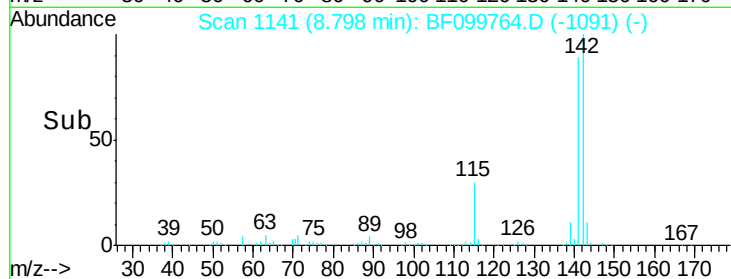
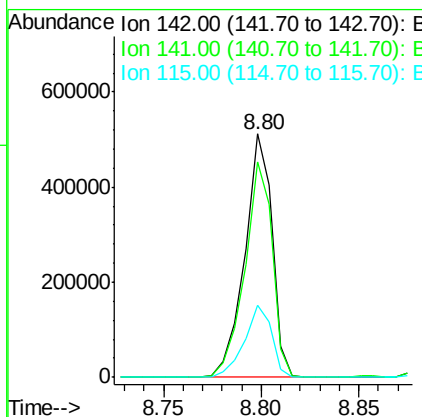
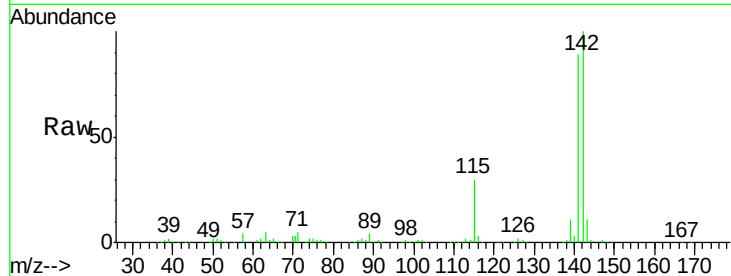




#37
2-Methylnaphthalene
Concen: 38.83 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

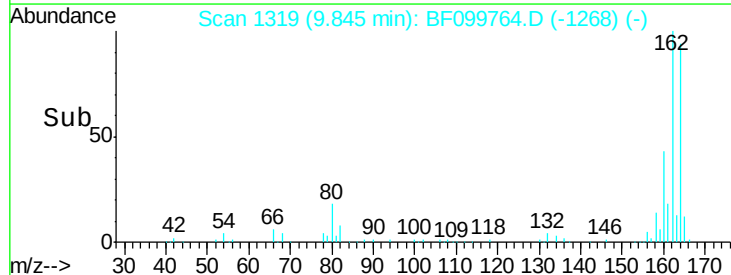
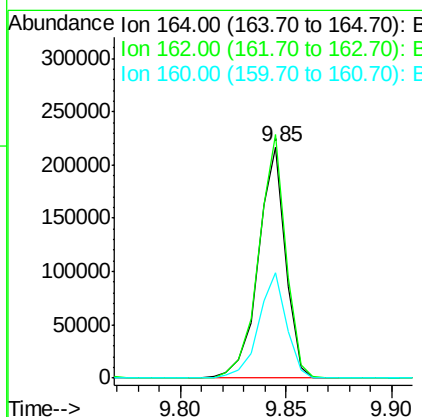
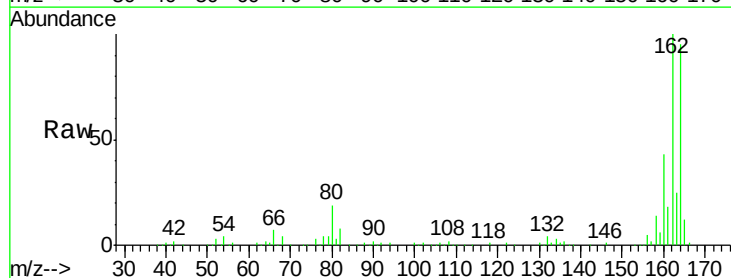
Instrument :
BNA_F
ClientSampleId :
PB103538BS

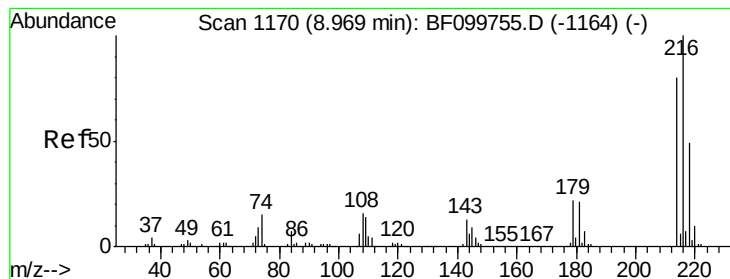
Tot Ion:142 Resp: 499289
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2
115 29.7 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion:164 Resp: 194635
Ion Ratio Lower Upper
164 100
162 105.3 86.1 129.1
160 45.5 38.3 57.5

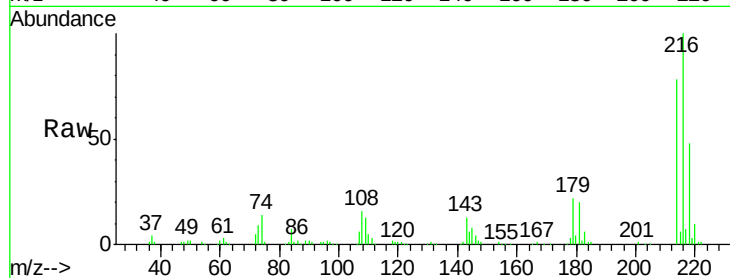




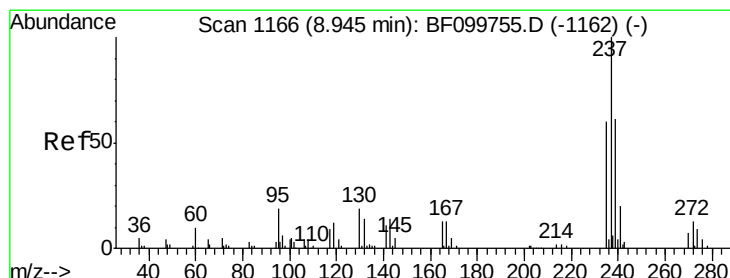
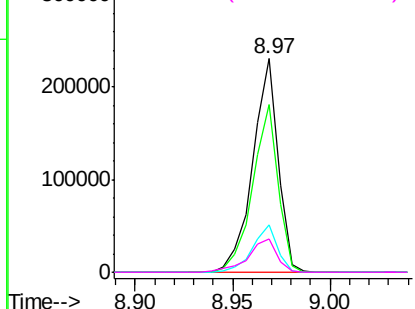
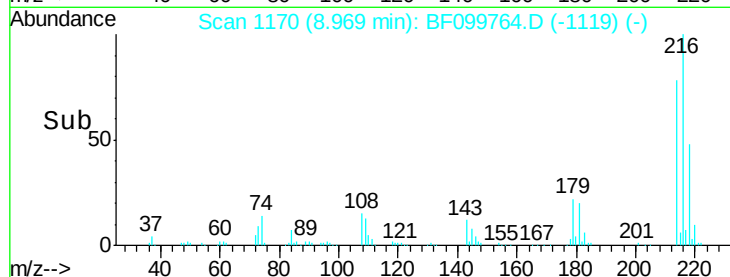
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.09 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

Tot Ion:216	Resp:	208011
Ion Ratio	Lower	Upper
216	100	
214	78.8	63.0 94.4
179	21.6	18.1 27.1
108	17.8	17.2 25.8

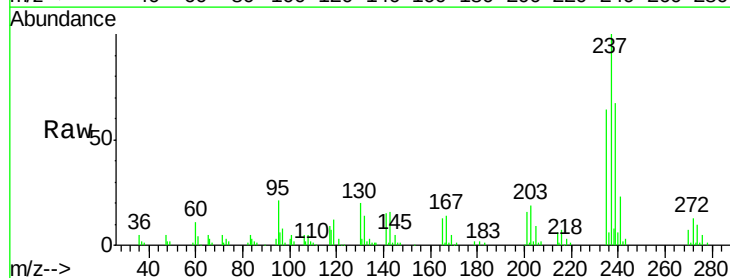


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

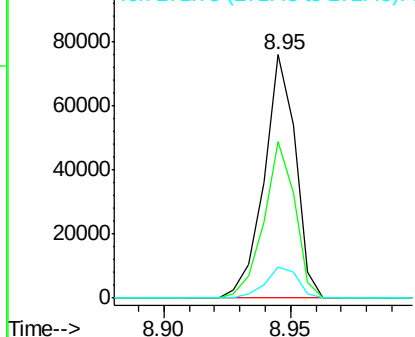
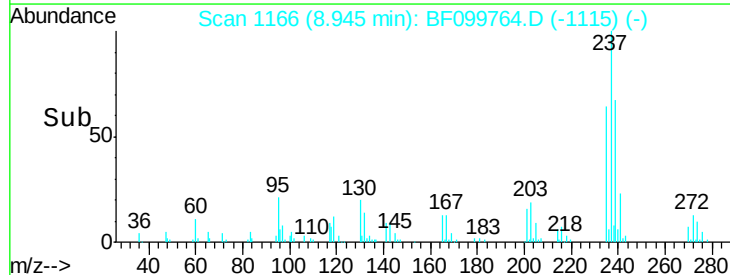


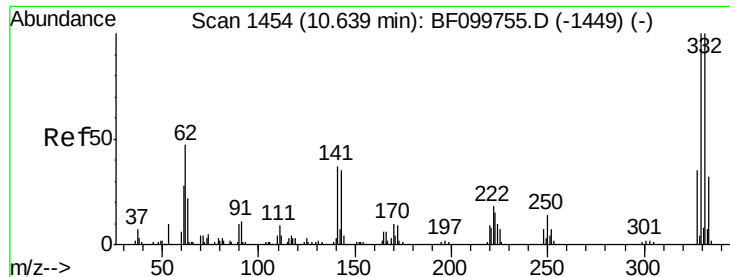
#40
 Hexachlorocyclopentadiene
 Concen: 56.76 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion:237	Resp:	66378
Ion Ratio	Lower	Upper
237	100	
235	64.3	44.8 84.8
272	12.7	0.0 33.3



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

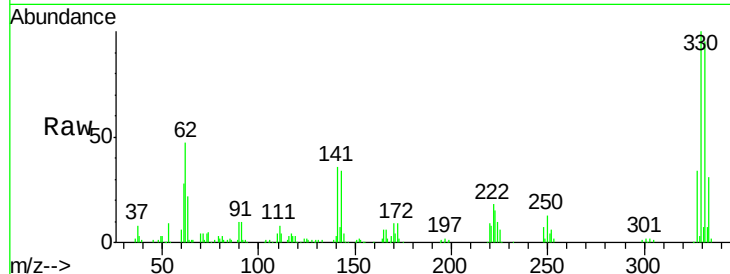




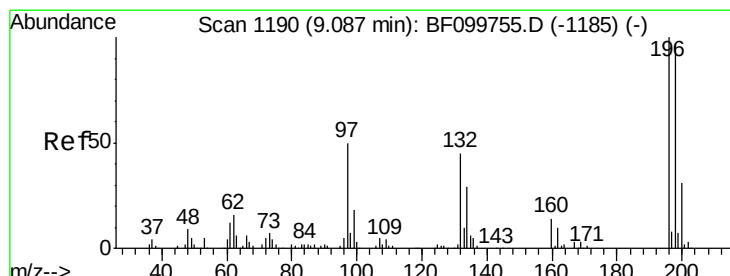
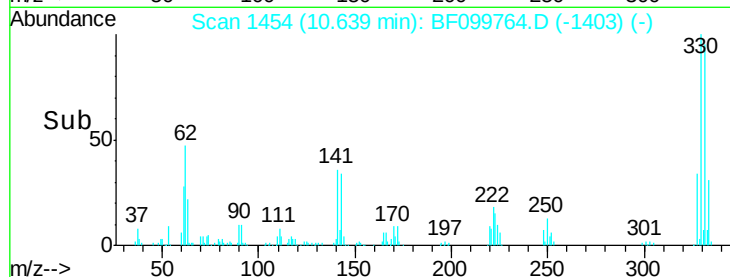
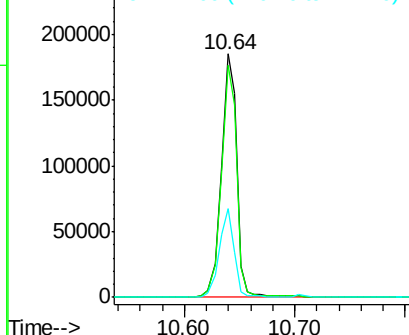
#41
 2,4,6-Tribromophenol
 Concen: 102.83 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	34.7	29.9	44.9

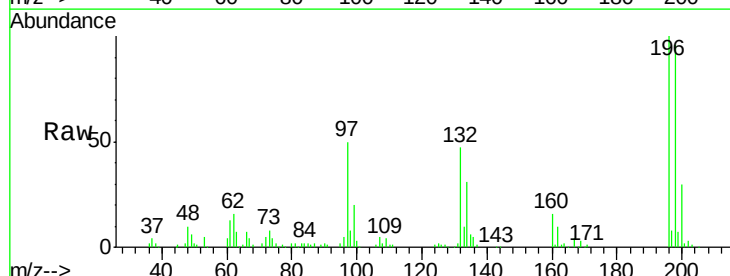


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

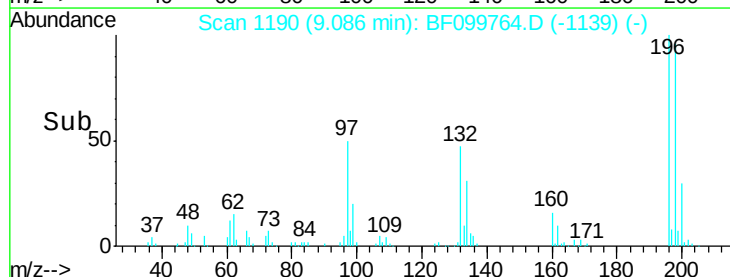
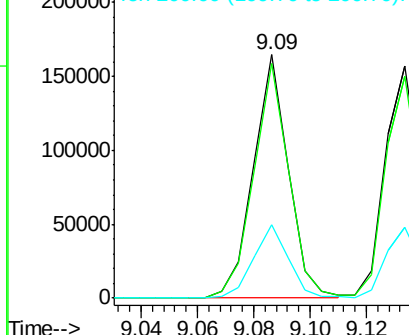


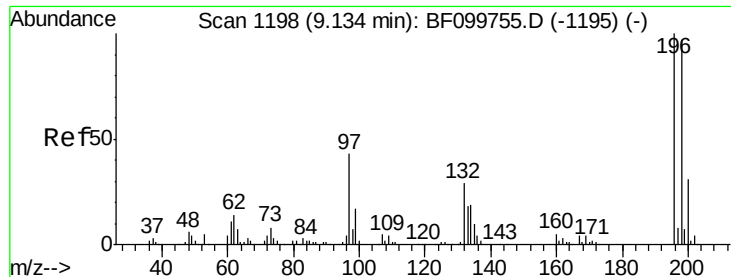
#42
 2,4,6-Trichlorophenol
 Concen: 37.29 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.7	113.5
200	30.3	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

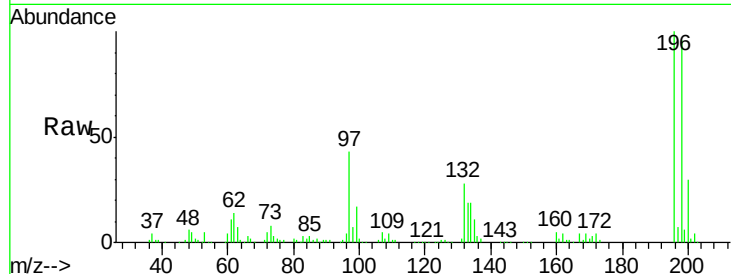




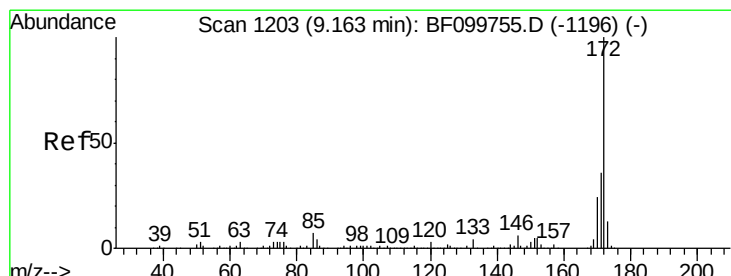
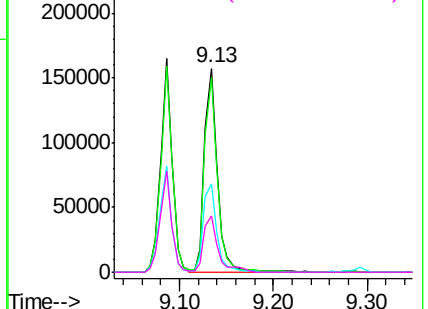
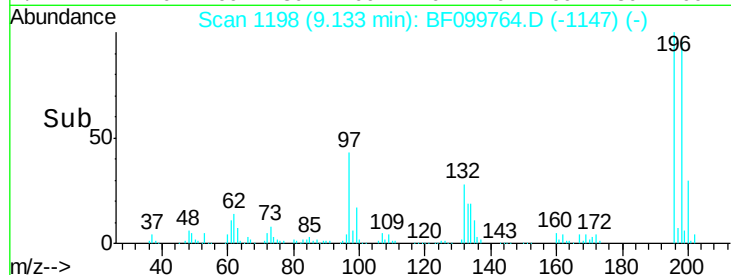
#43
 2,4,5-Trichlorophenol
 Concen: 37.69 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

Tot Ion:	196	Resp:	152076
Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.6	112.0
97	43.2	42.9	64.3
132	27.8	26.3	39.5

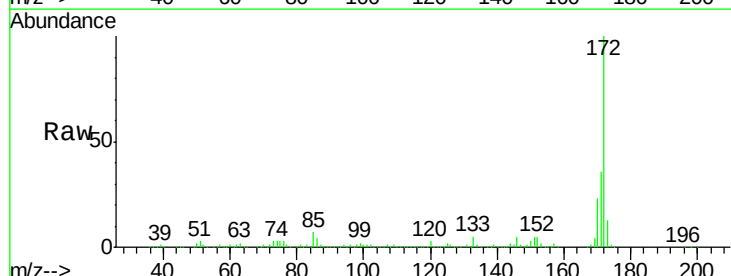


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

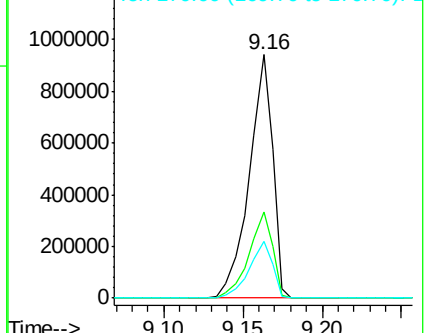
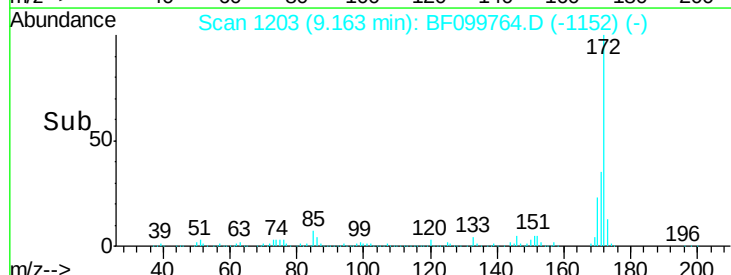


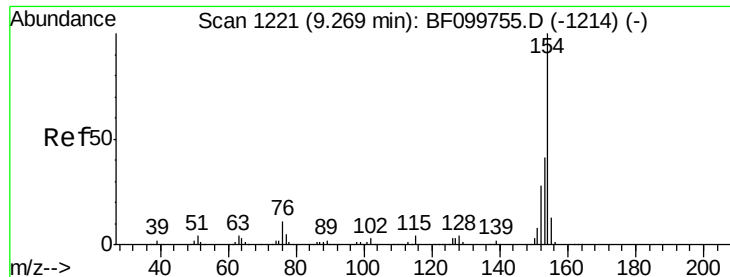
#44
 2-Fluorobiphenyl
 Concen: 76.28 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion:	172	Resp:	962244
Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.3	19.6	29.4



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

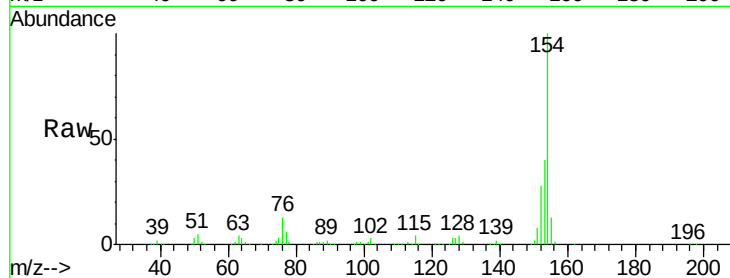




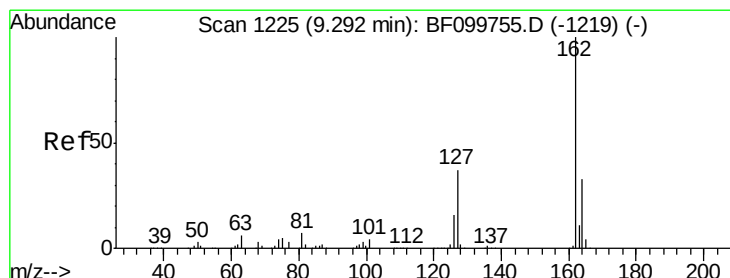
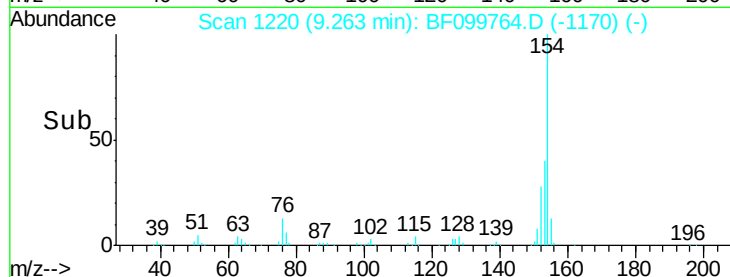
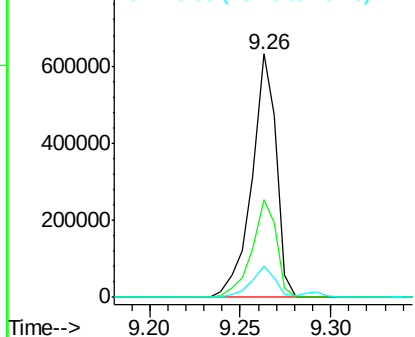
#45
 1,1'-Biphenyl
 Concen: 33.47 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

Tot Ion:154	Resp:	589299
Ion Ratio	Lower	Upper
154	100	
153	40.3	21.3 61.3
76	13.0	0.0 34.0

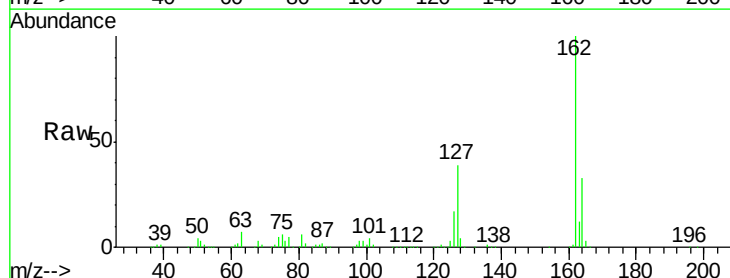


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

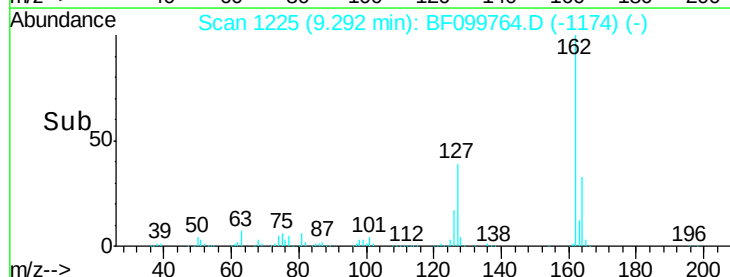
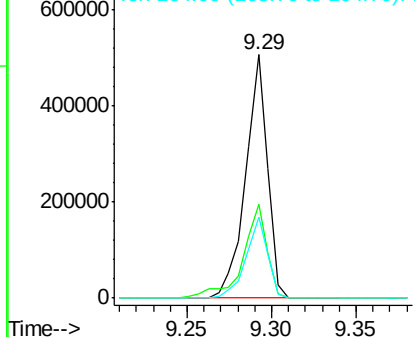


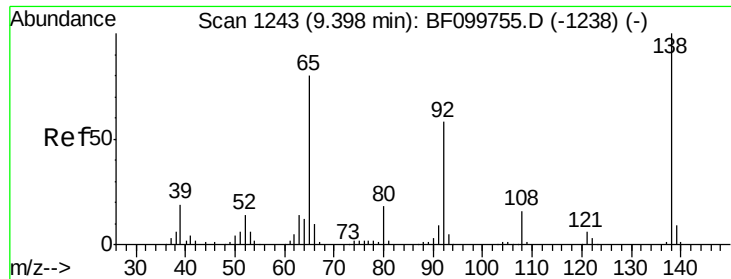
#46
 2-Chloronaphthalene
 Concen: 36.15 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion:162	Resp:	462284
Ion Ratio	Lower	Upper
162	100	
127	38.6	33.9 50.9
164	33.2	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

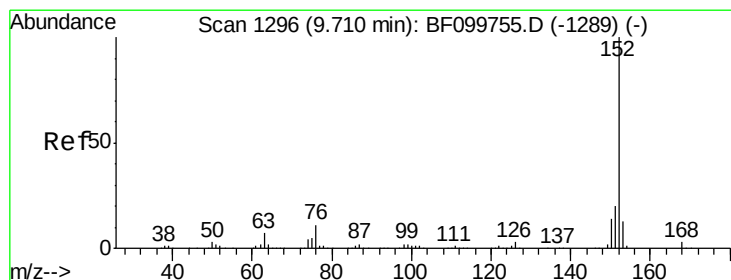
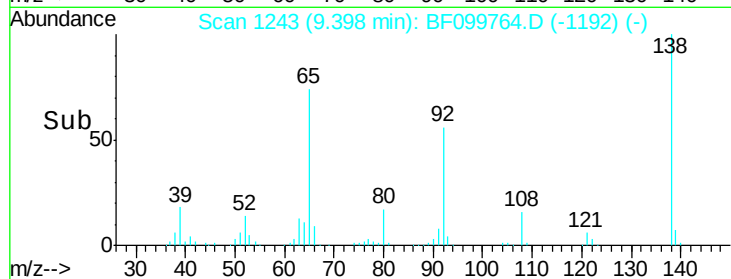
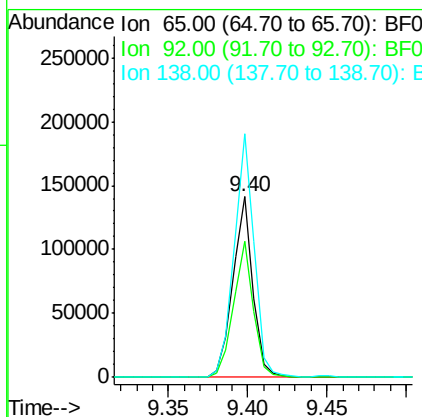
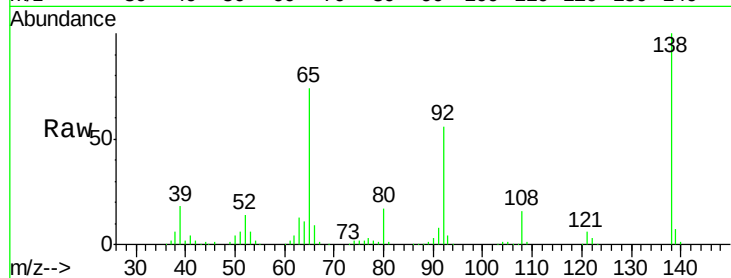




#47
 2-Nitroaniline
 Concen: 37.02 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

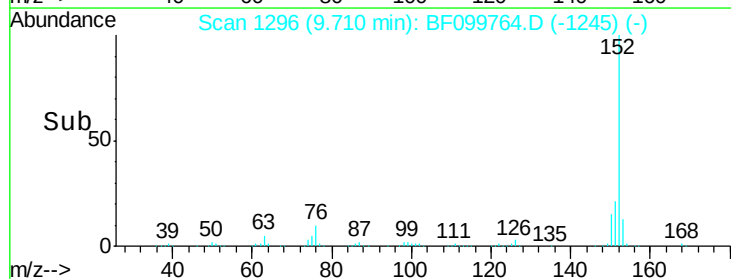
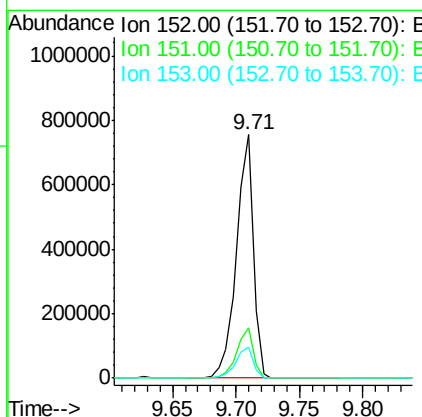
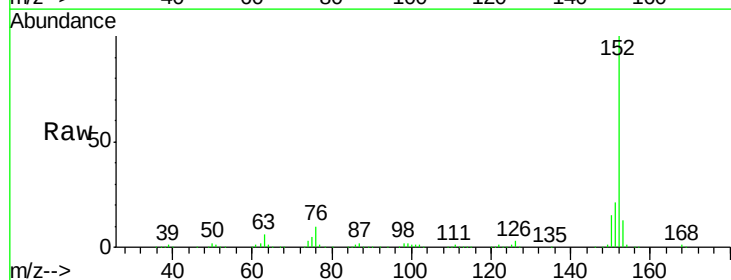
Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

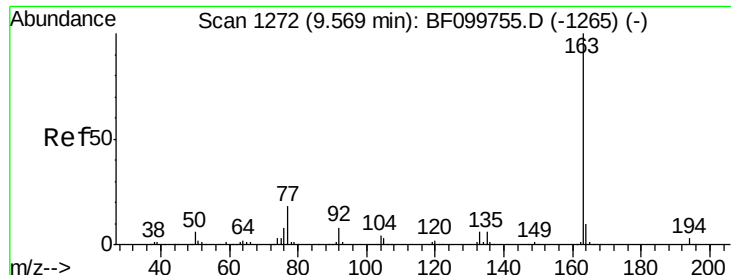
Tot Ion: 65 Resp: 124259
 Ion Ratio Lower Upper
 65 100
 92 75.1 55.8 83.6
 138 134.7 91.2 136.8



#48
 Acenaphthylene
 Concen: 35.11 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion: 152 Resp: 691434
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 13.0 10.7 16.1

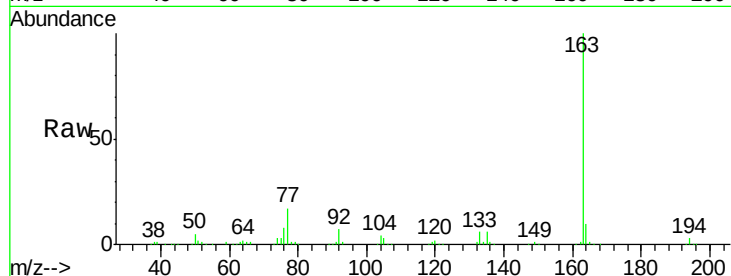




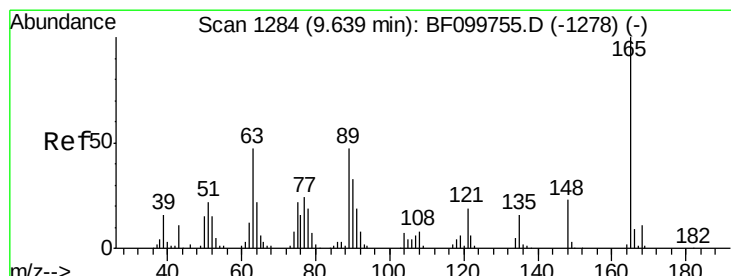
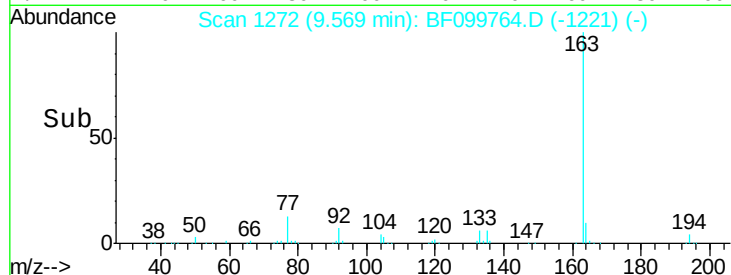
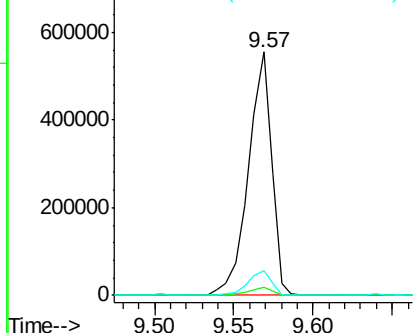
#49
Dimethylphthalate
Concen: 36.71 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB103538BS

Tot Ion:163 Resp: 565761
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 8.2 12.2

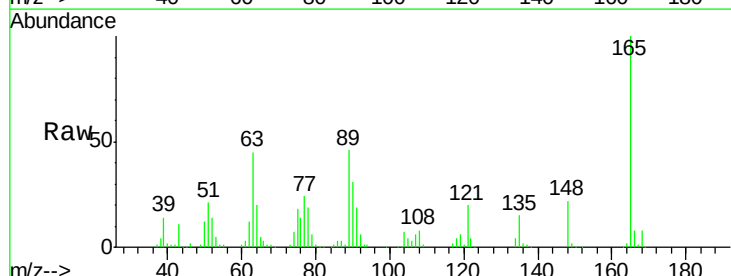


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

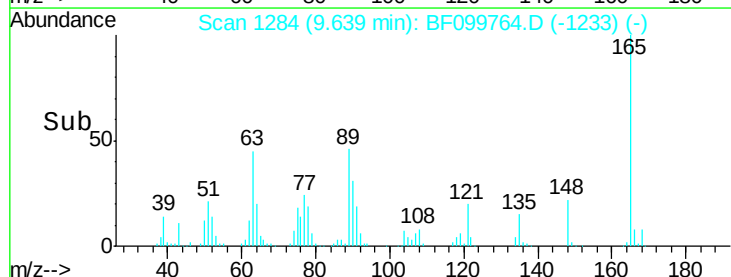
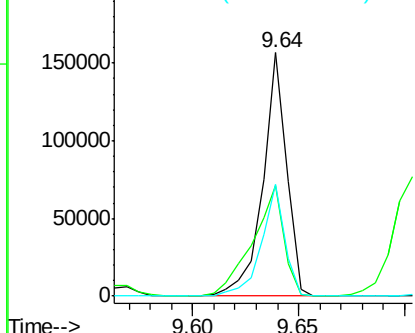


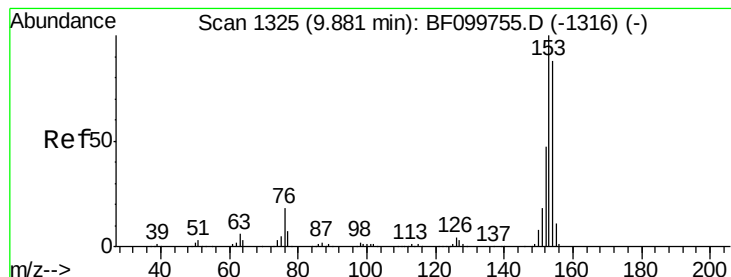
#50
2,6-Dinitrotoluene
Concen: 37.86 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion:165 Resp: 122689
Ion Ratio Lower Upper
165 100
63 45.2 44.7 67.1
89 46.1 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.28 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

ClientSampleId :

PB103538BS

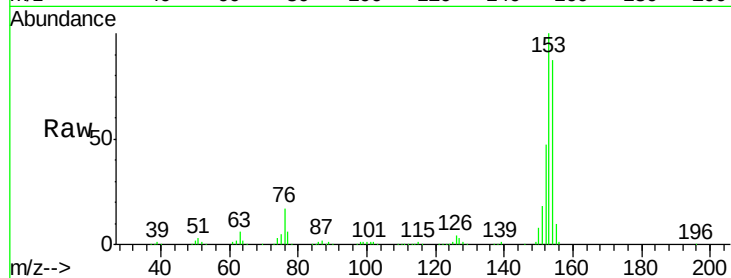
Tot Ion:154 Resp: 412524

Ion Ratio Lower Upper

154 100

153 115.3 91.2 136.8

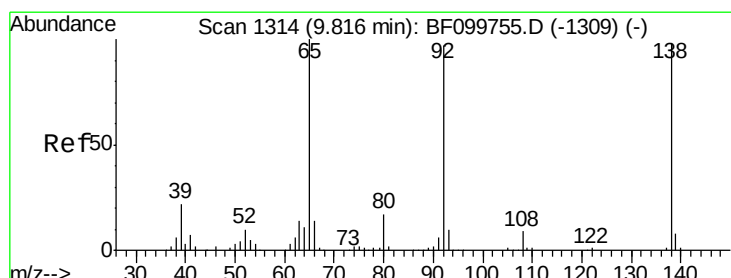
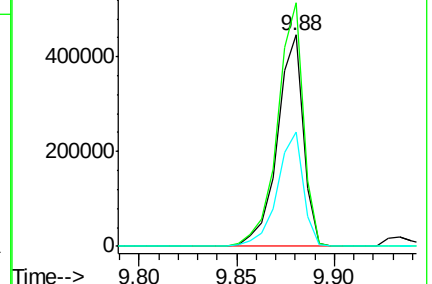
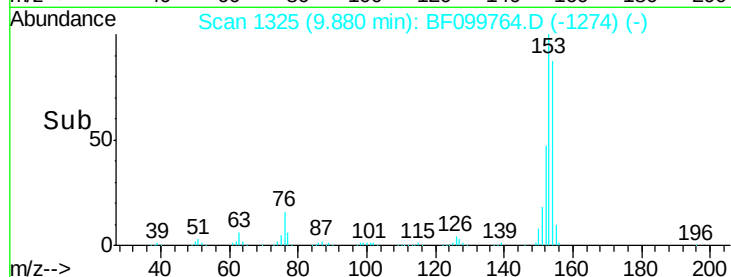
152 54.4 43.8 65.8



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: 21.97 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

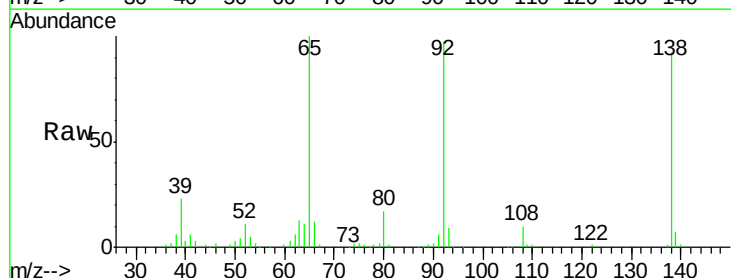
Tgt Ion:138 Resp: 83888

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

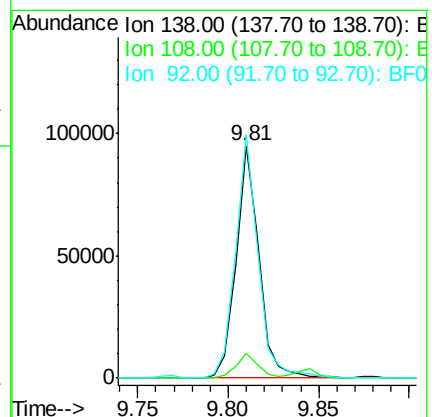
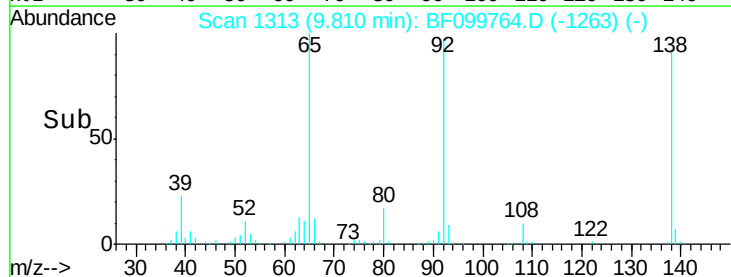
92 104.9 89.4 134.2

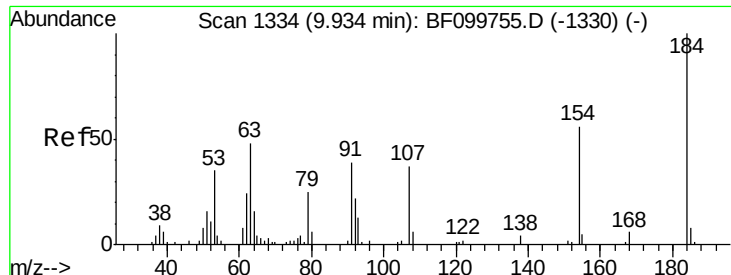


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

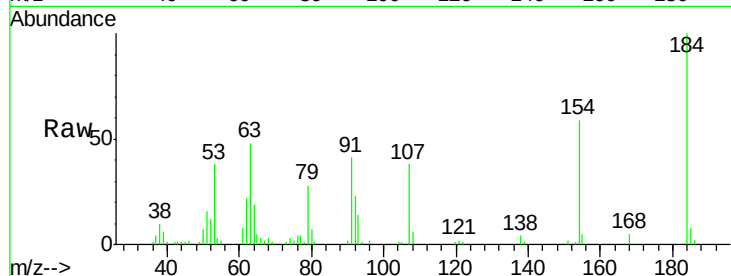




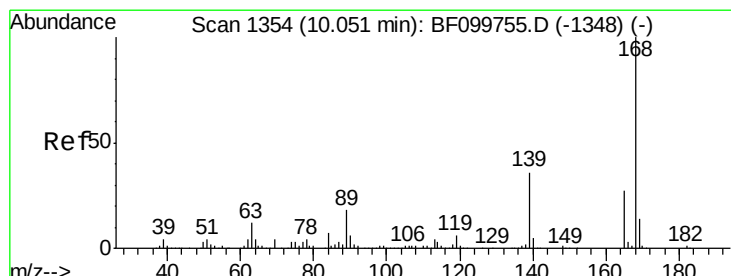
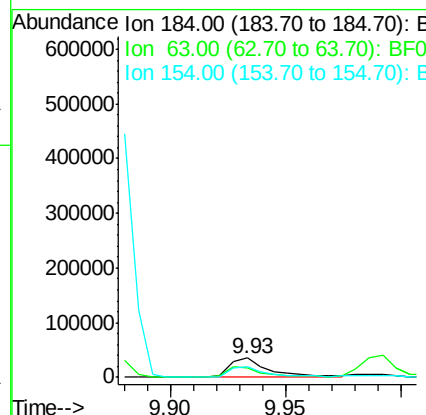
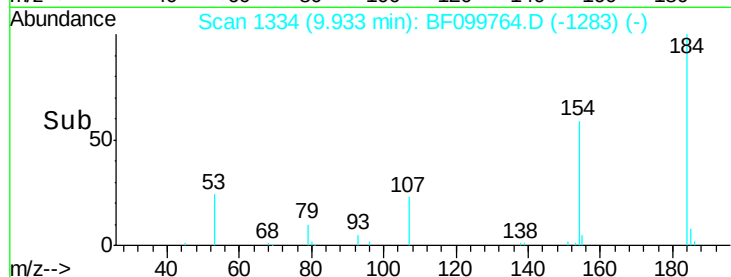
#53
 2,4-Dinitrophenol
 Concen: 36.01 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

Tot Ion:184 Resp: 41698
 Ion Ratio Lower Upper
 184 100
 63 47.8 54.2 81.2#
 154 59.2 53.5 80.3

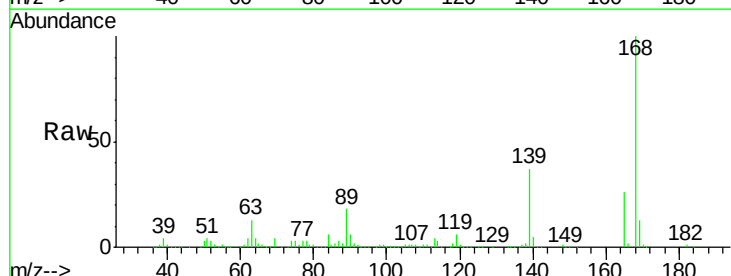


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

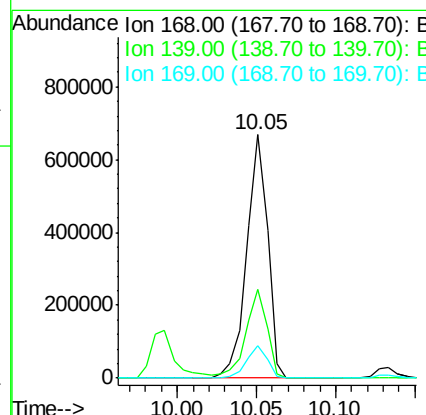
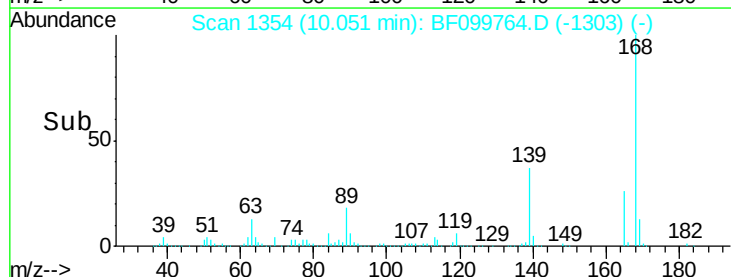


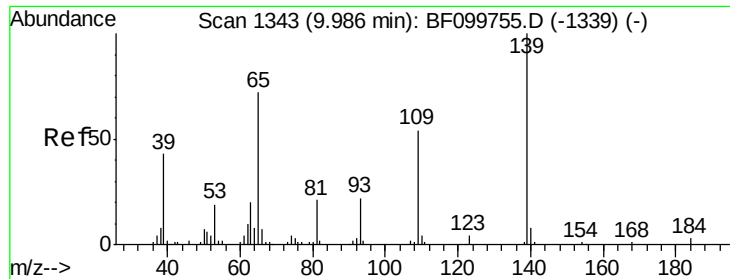
#54
 Dibenzofuran
 Concen: 35.76 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion:168 Resp: 607426
 Ion Ratio Lower Upper
 168 100
 139 36.6 30.1 45.1
 169 13.2 10.9 16.3



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

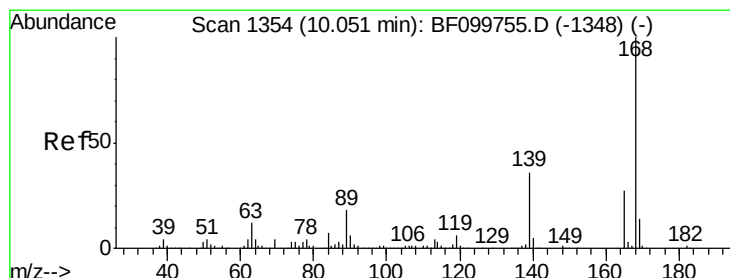
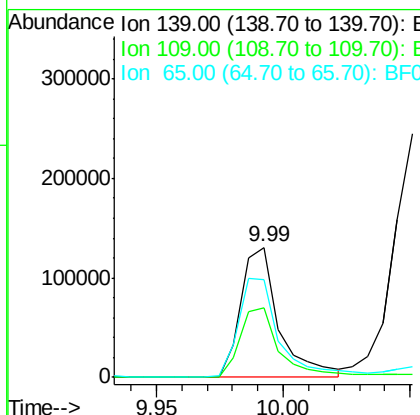
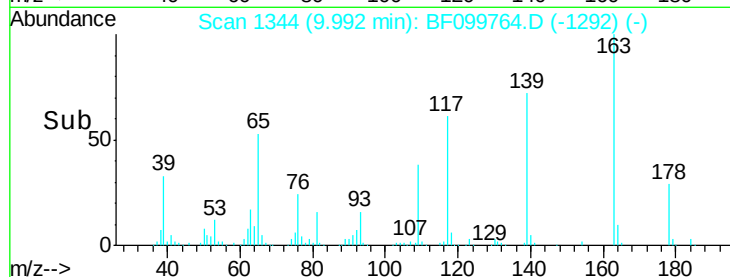
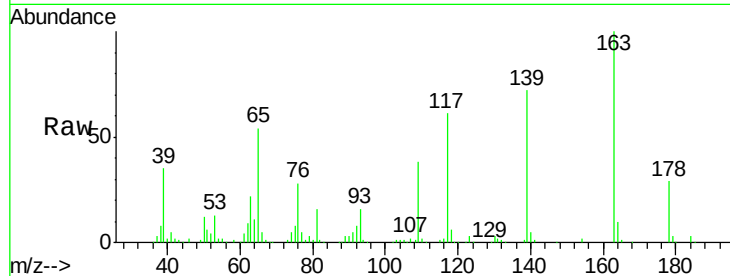




#55
4-Nitrophenol
Concen: 68.49 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

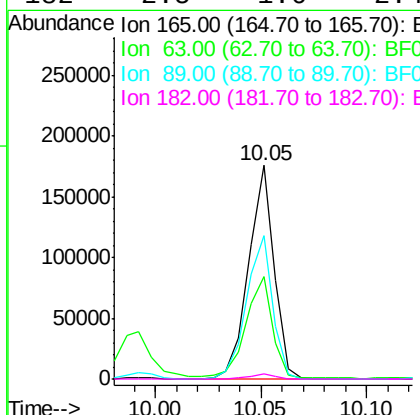
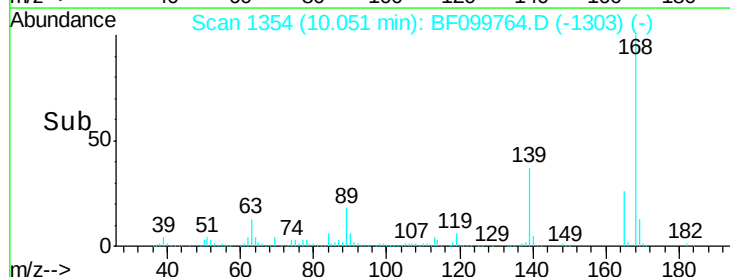
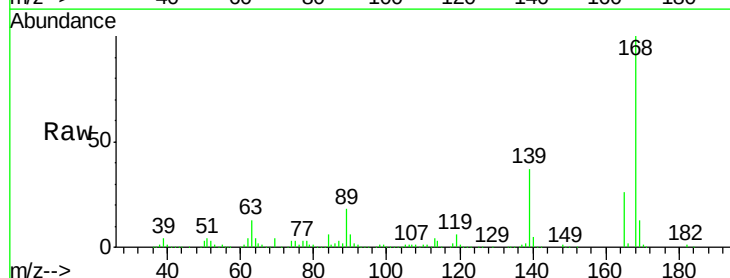
Instrument :
BNA_F
ClientSampleId :
PB103538BS

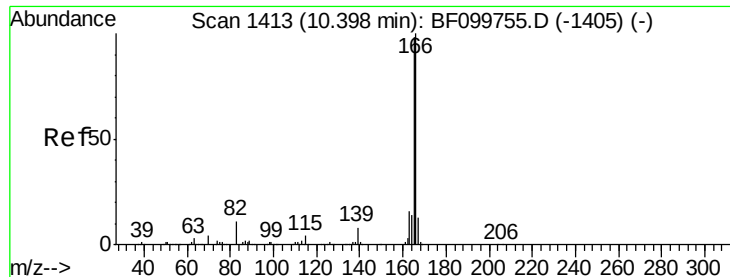
Tot Ion:139 Resp: 136640
Ion Ratio Lower Upper
139 100
109 53.6 48.4 88.4
65 75.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 37.86 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion:165 Resp: 147721
Ion Ratio Lower Upper
165 100
63 48.2 36.4 54.6
89 67.3 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 35.26 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

ClientSampleId :

PB103538BS

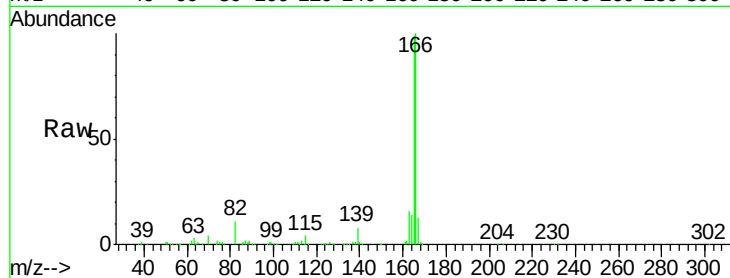
Tot Ion:166 Resp: 495860

Ion Ratio Lower Upper

166 100

165 99.0 79.8 119.8

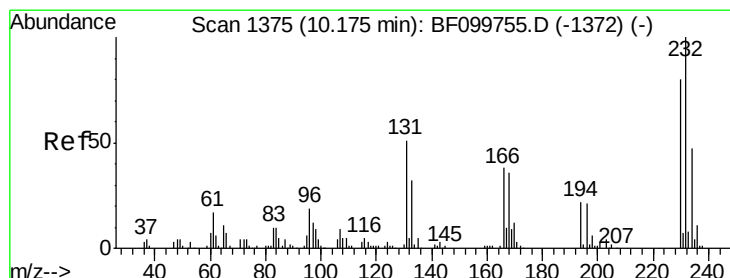
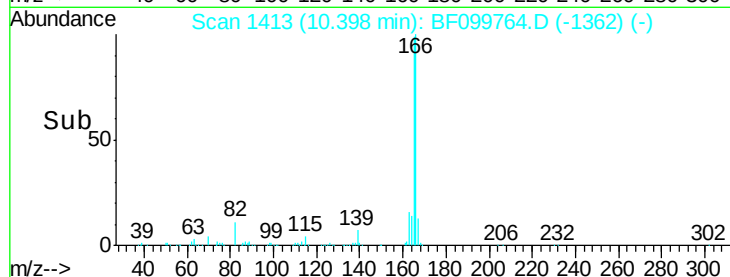
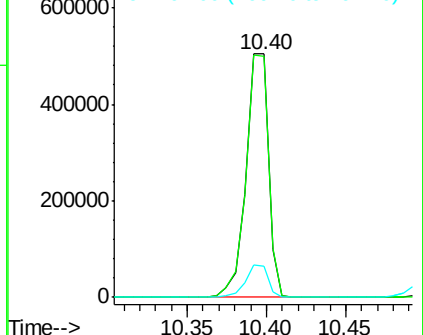
167 13.0 10.6 16.0



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: 38.98 ng

RT: 10.17 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Tgt Ion:232 Resp: 110288

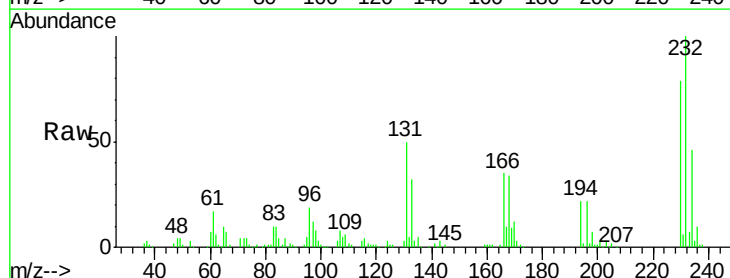
Ion Ratio Lower Upper

232 100

131 48.7 43.8 65.8

130 2.3 2.1 3.1

166 34.4 27.8 41.6

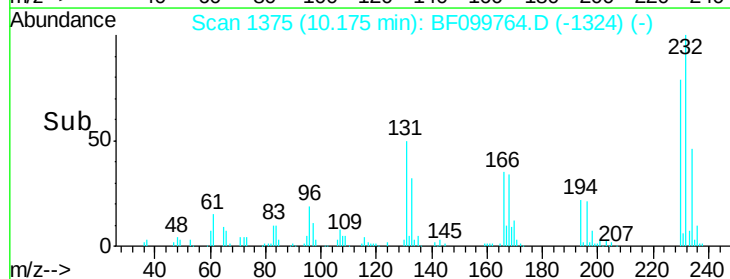
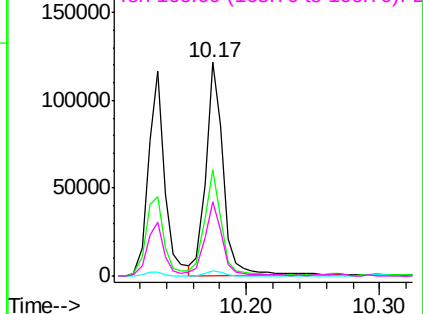


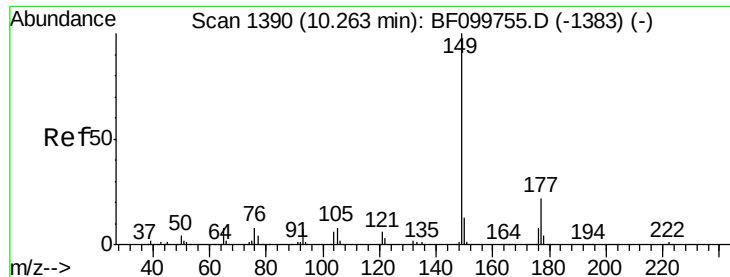
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

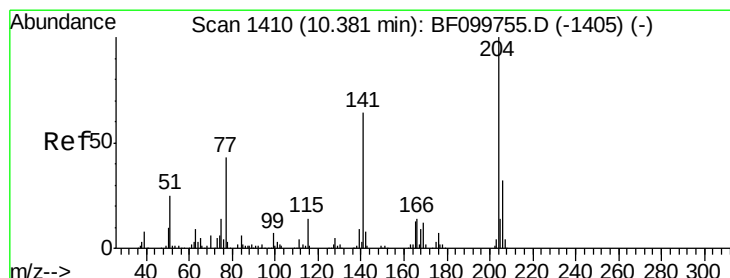
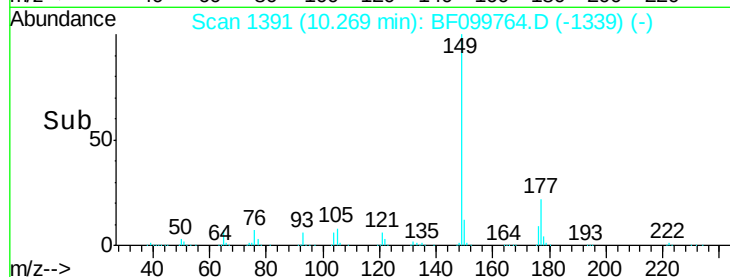
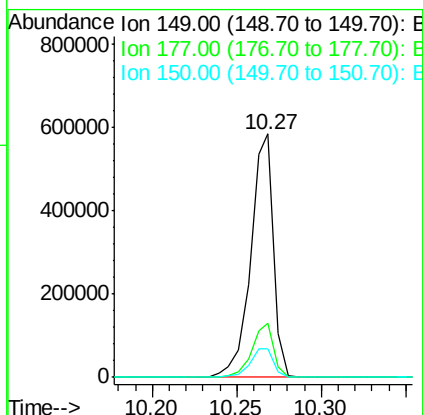
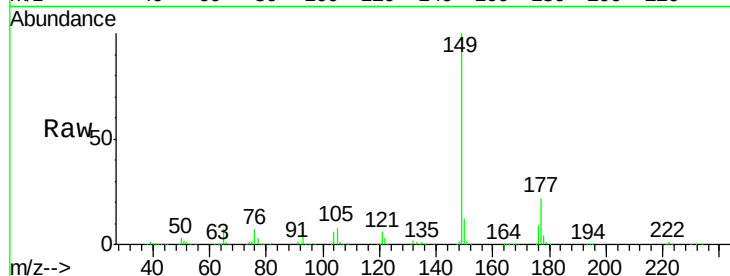




#59
Diethylphthalate
Concen: 36.56 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

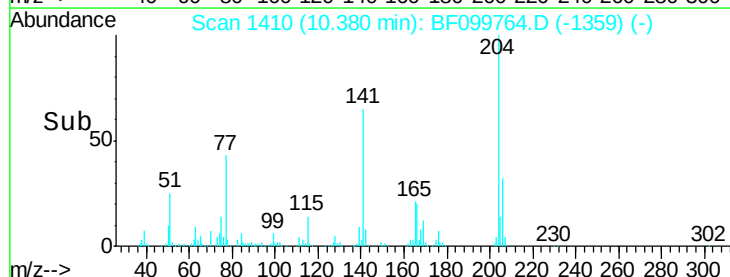
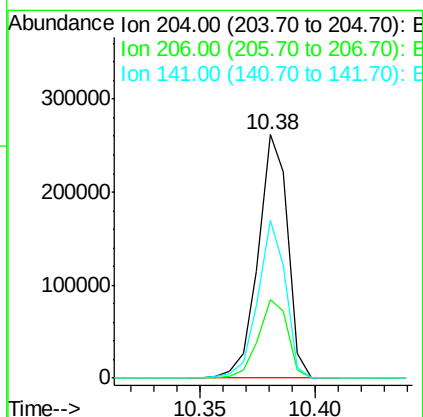
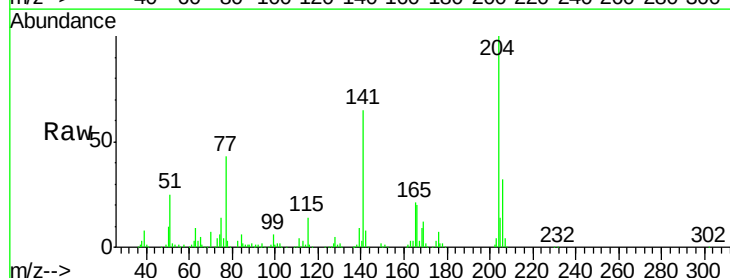
Instrument :
BNA_F
ClientSampleId :
PB103538BS

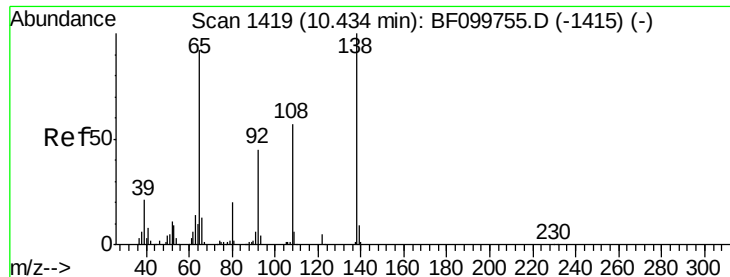
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.1	24.1
150	12.0	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 35.21 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	64.8	54.6	81.8

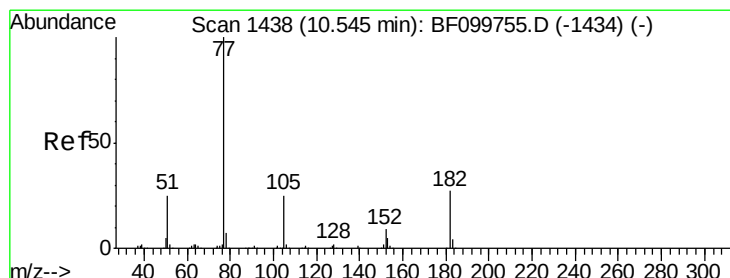
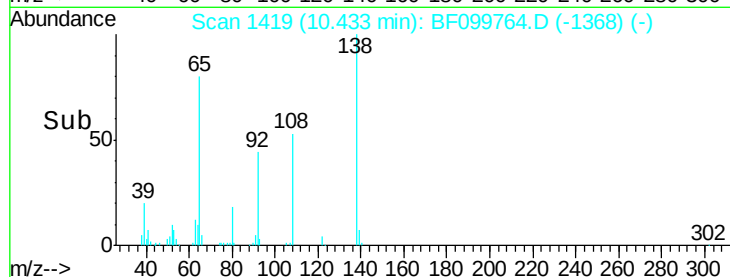
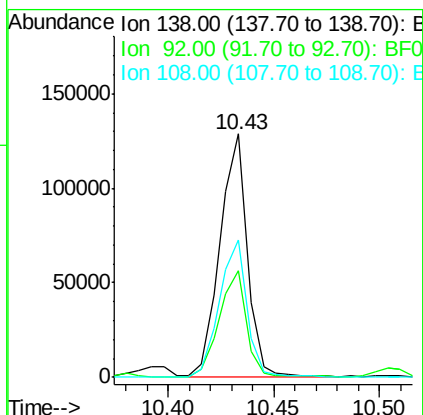
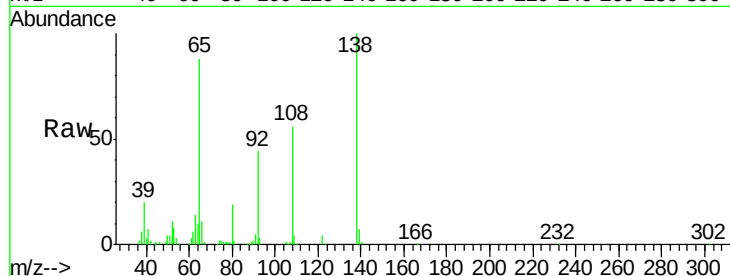




#61
4-Nitroaniline
Concen: 31.47 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

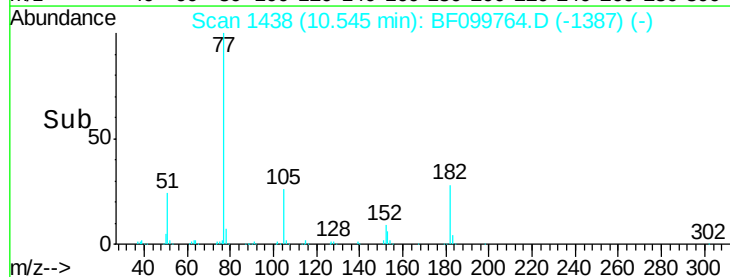
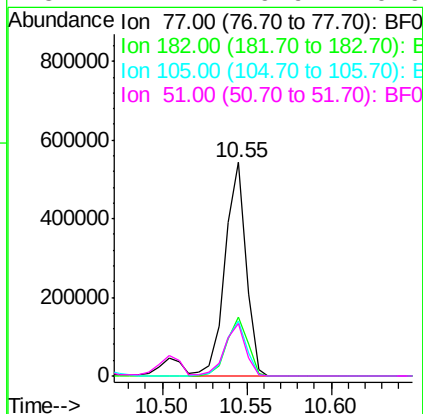
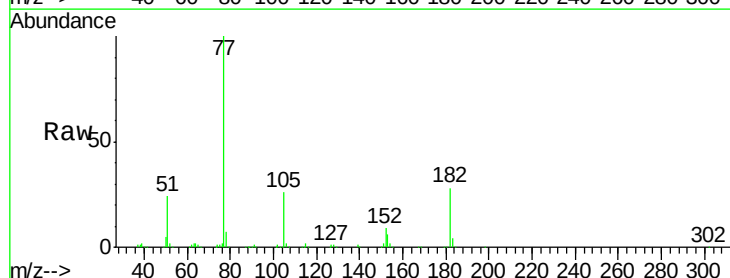
Instrument :
BNA_F
ClientSampleId :
PB103538BS

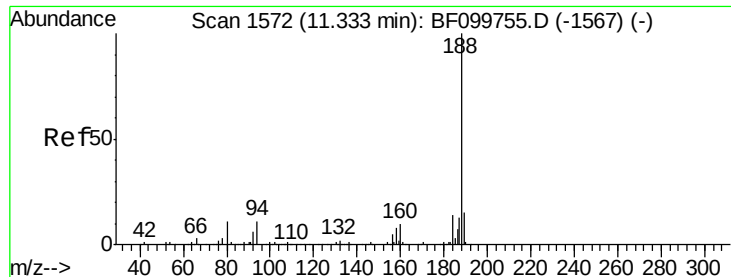
Tot Ion	Ratio	Lower	Upper
138	100		
92	43.8	30.2	70.2
108	56.2	52.5	92.5



#62
Azobenzene
Concen: 37.01 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.8	1.7	41.7
105	26.0	3.0	43.0
51	24.4	9.9	49.9

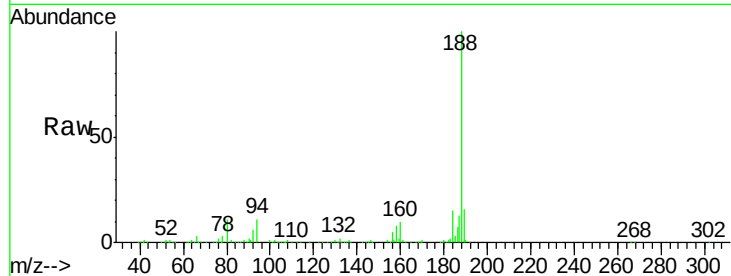




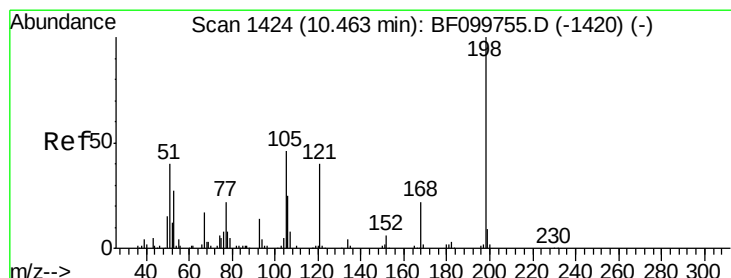
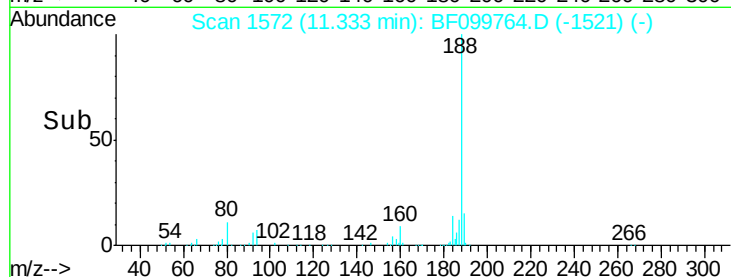
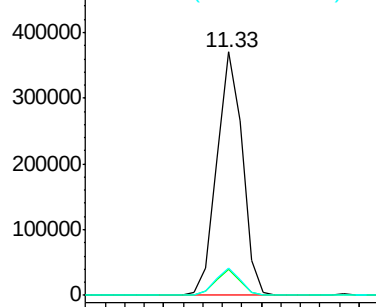
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB103538BS

Tot Ion:188 Resp: 336040
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.2 9.2 13.8

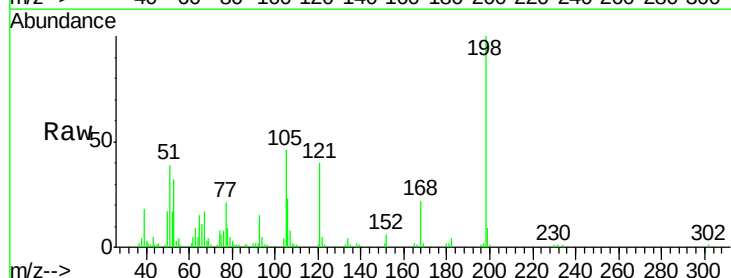


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

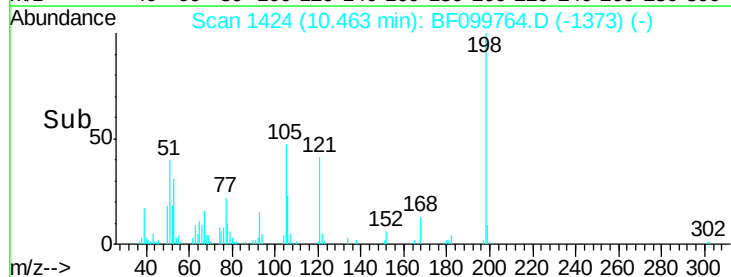
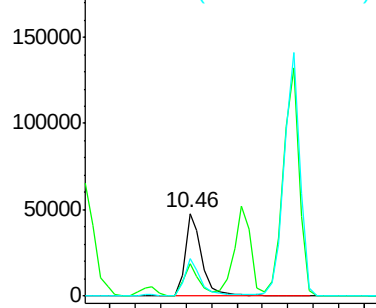


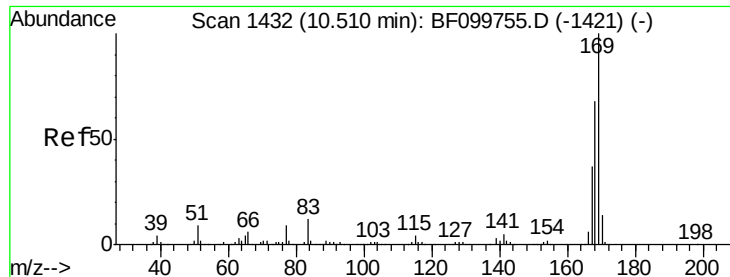
#64
4,6-Dinitro-2-methylphenol
Concen: 21.29 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion:198 Resp: 44966
Ion Ratio Lower Upper
198 100
51 38.9 37.7 77.7
105 45.9 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.65 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

ClientSampleId :

PB103538BS

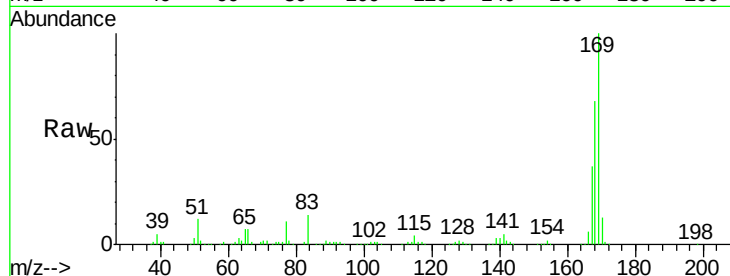
Tot Ion:169 Resp: 454604

Ion Ratio Lower Upper

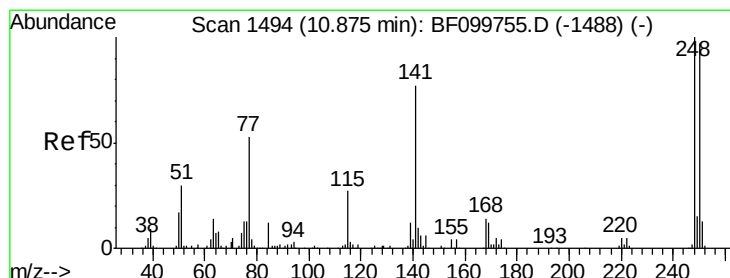
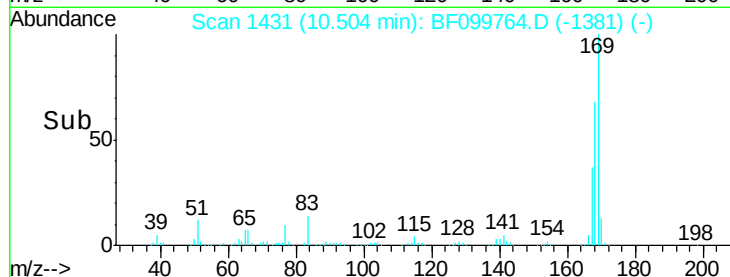
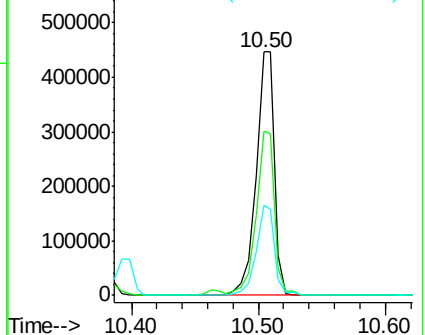
169 100

168 67.7 54.4 81.6

167 37.1 29.8 44.6



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



#66

4-Bromophenyl-phenylether

Concen: 38.39 ng

RT: 10.87 min Scan# 1494

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

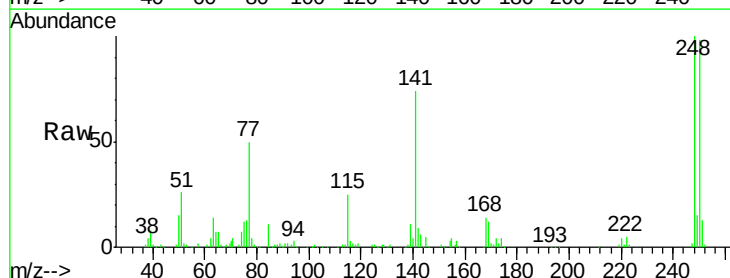
Tgt Ion:248 Resp: 135806

Ion Ratio Lower Upper

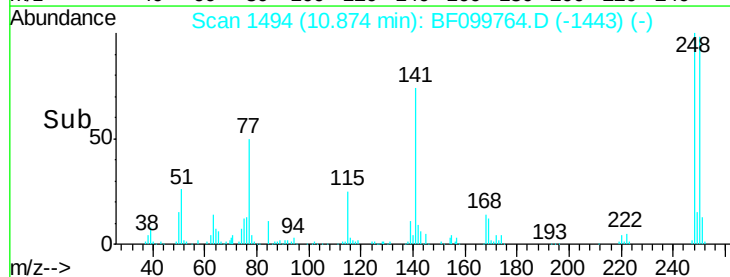
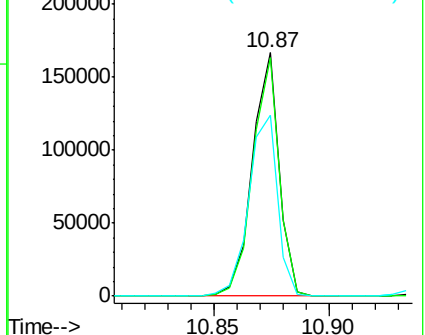
248 100

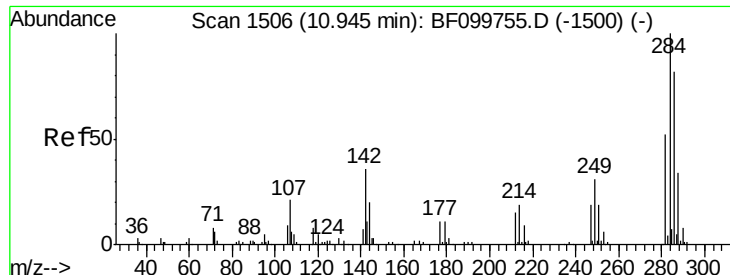
250 98.0 76.9 115.3

141 74.2 74.4 111.6#



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

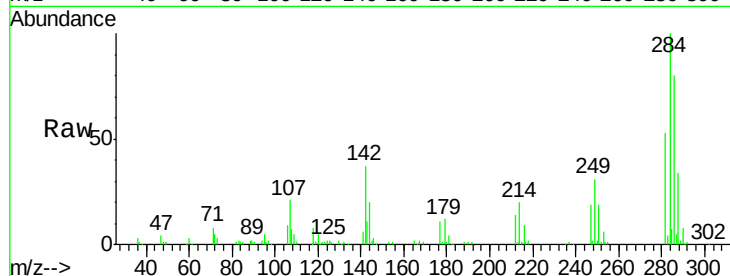




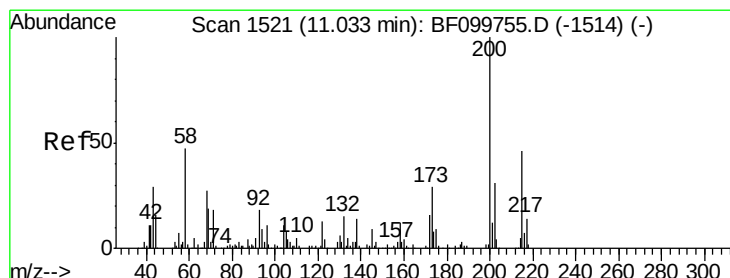
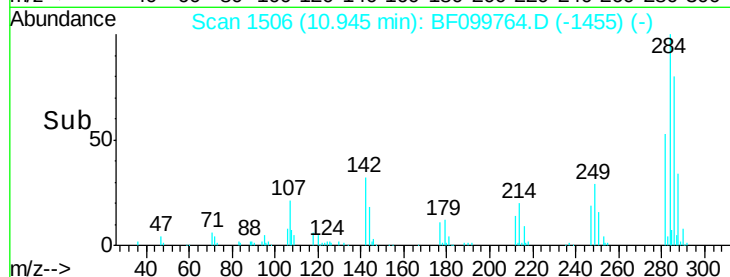
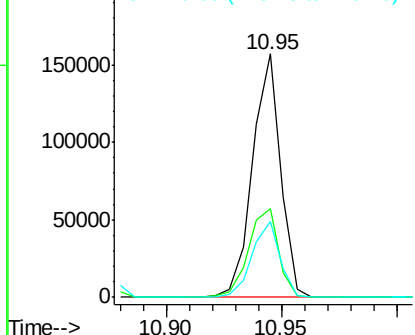
#67
Hexachlorobenzene
Concen: 36.96 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB103538BS

Tot Ion:284 Resp: 133766
Ion Ratio Lower Upper
284 100
142 36.6 34.6 52.0
249 31.2 24.8 37.2

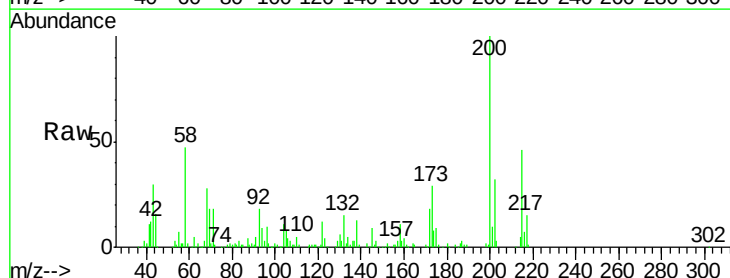


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

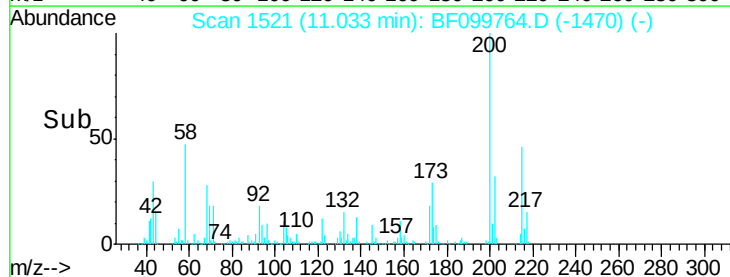
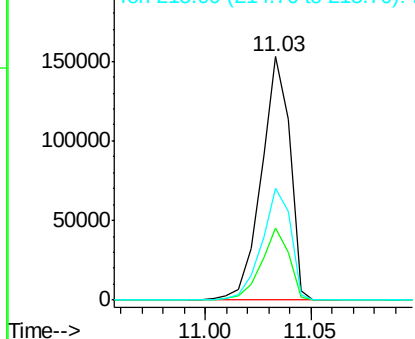


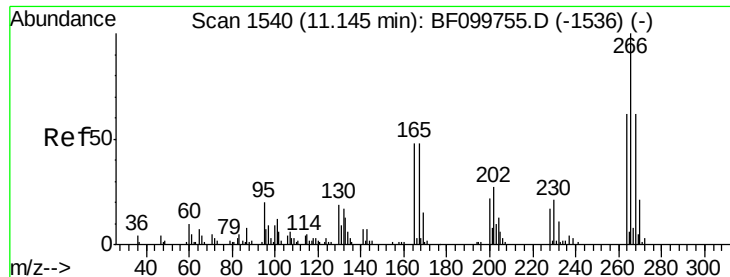
#68
Atrazine
Concen: 38.46 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion:200 Resp: 143313
Ion Ratio Lower Upper
200 100
173 29.4 8.6 48.6
215 45.8 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

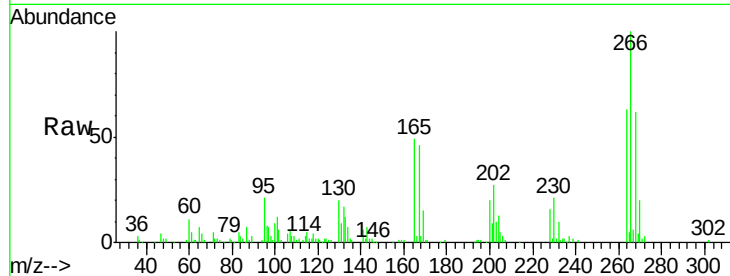




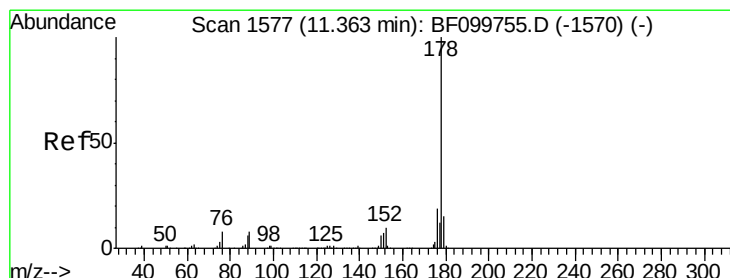
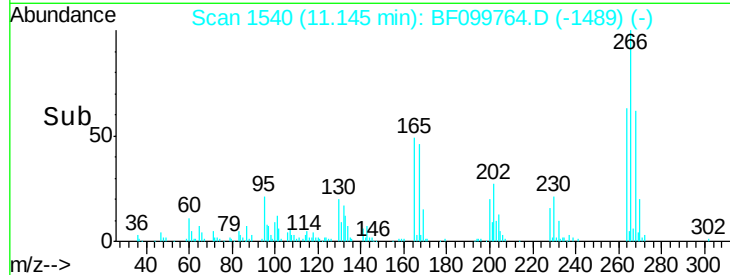
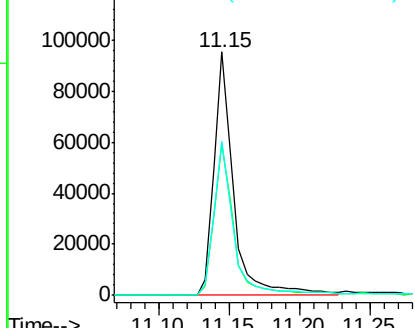
#69
 Pentachlorophenol
 Concen: 59.82 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

Tot Ion:266 Resp: 92512
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.1 76.7
 264 63.4 49.5 74.3

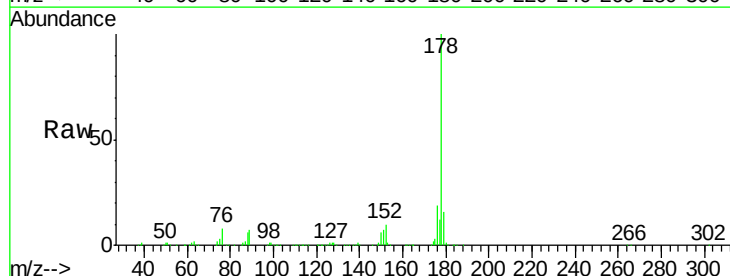


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

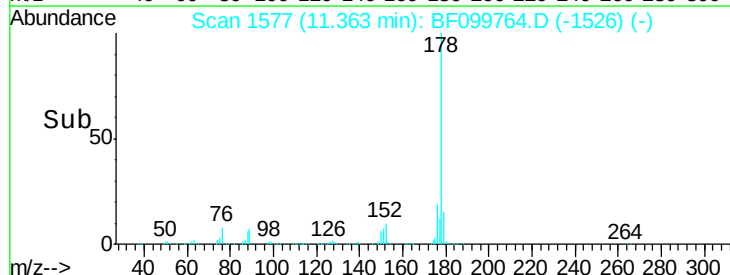
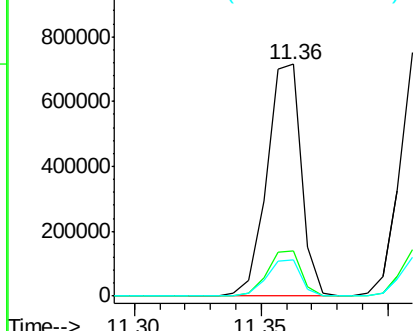


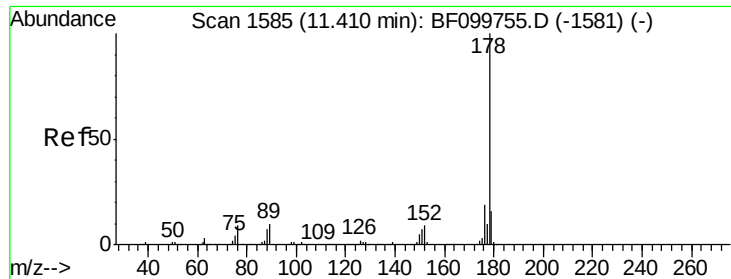
#70
 Phenanthrene
 Concen: 35.91 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion:178 Resp: 681024
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.6 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

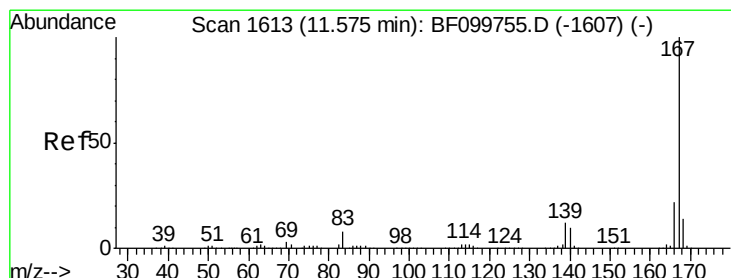
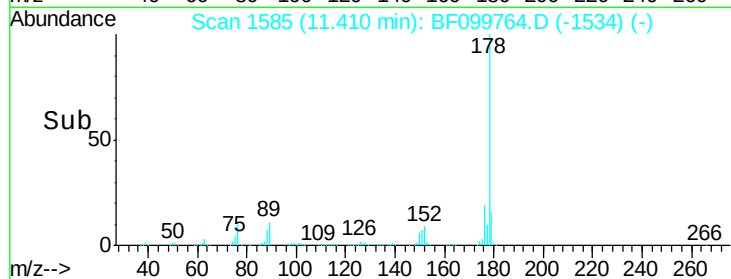
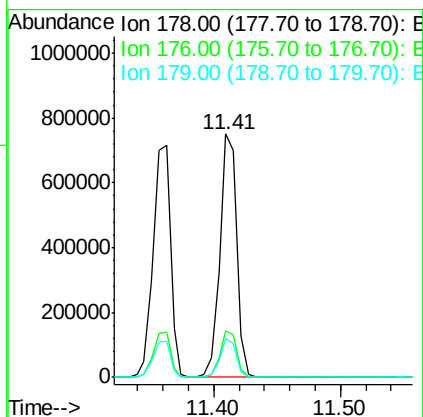
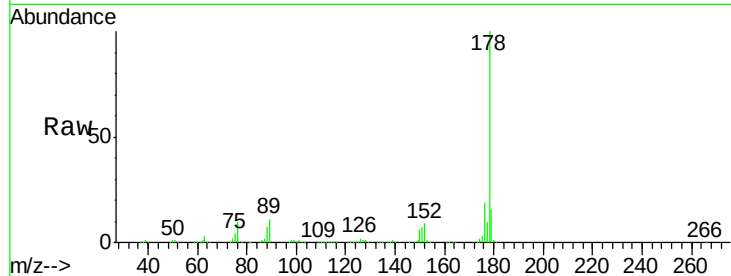




#71
 Anthracene
 Concen: 36.55 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

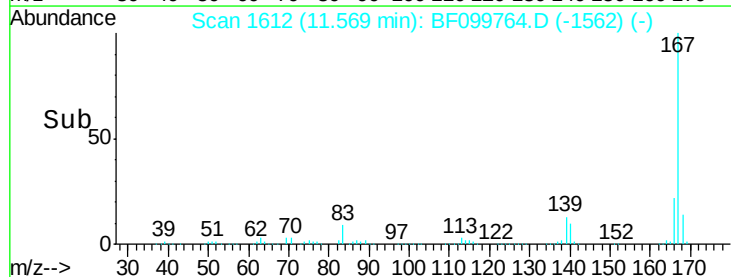
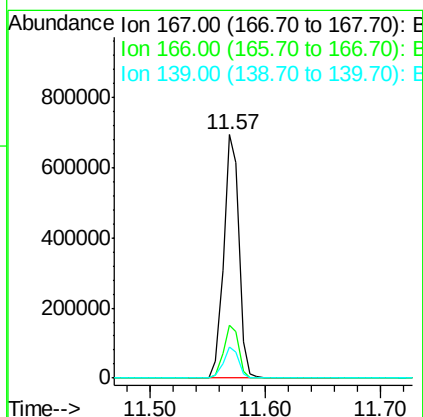
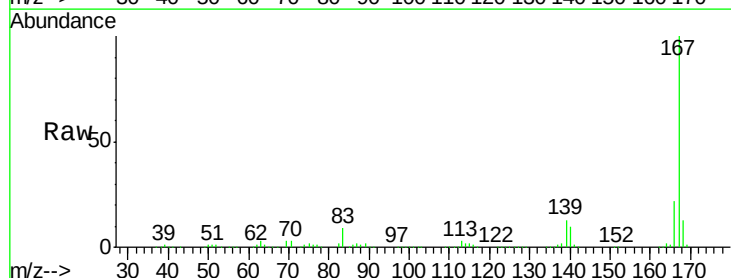
Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

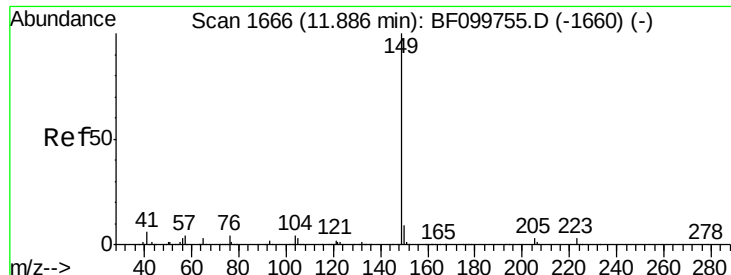
Tot Ion:178 Resp: 703537
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 35.11 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion:167 Resp: 635506
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 12.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.92 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

ClientSampleId :

PB103538BS

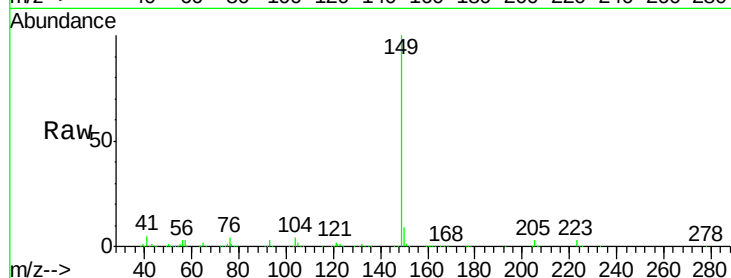
Tot Ion:149 Resp: 875450

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

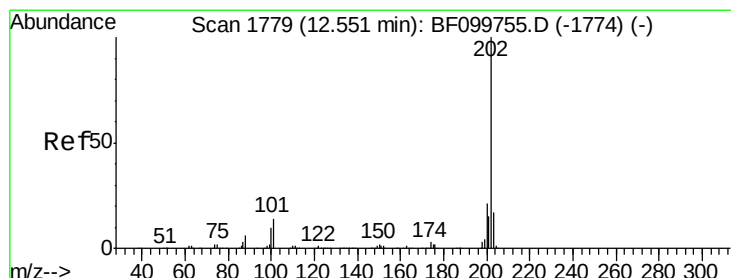
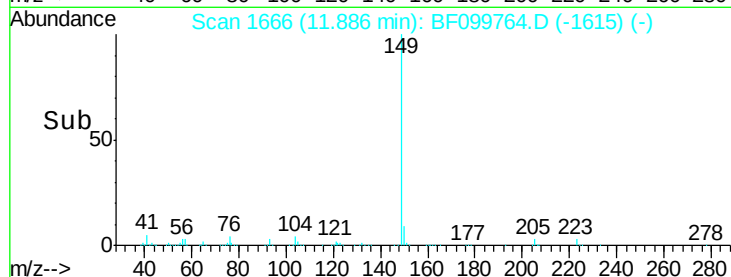
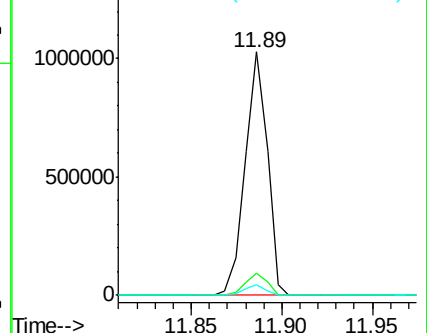
104 4.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.67 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

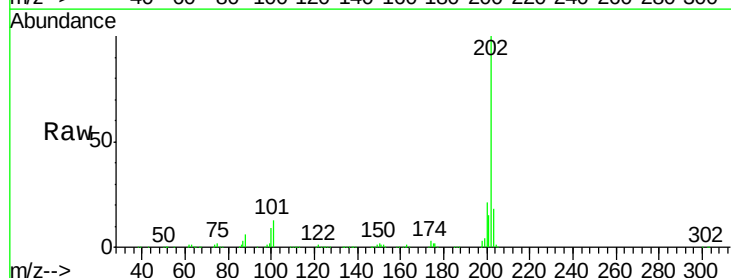
Tgt Ion:202 Resp: 624259

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.1

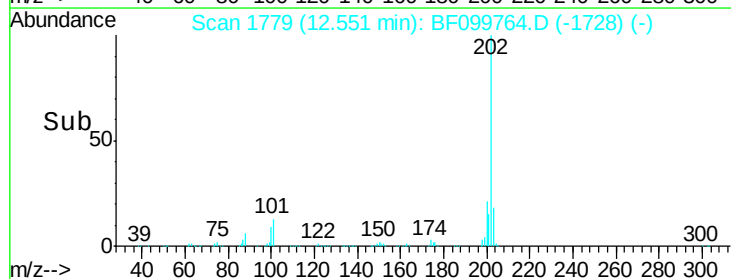
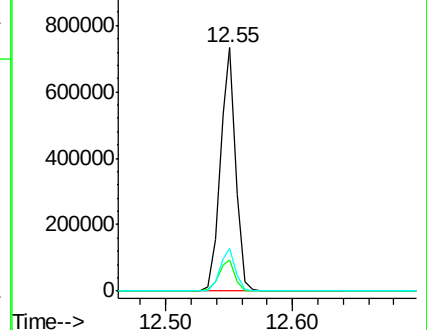
203 17.7 0.0 38.1

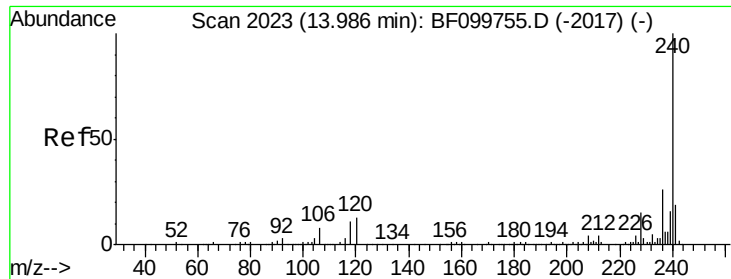


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

ClientSampleId :

PB103538BS

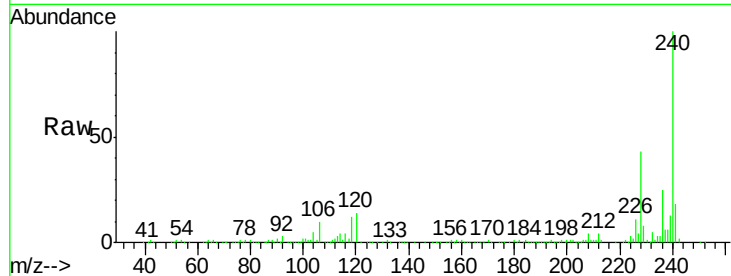
Tot Ion:240 Resp: 178695

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3#

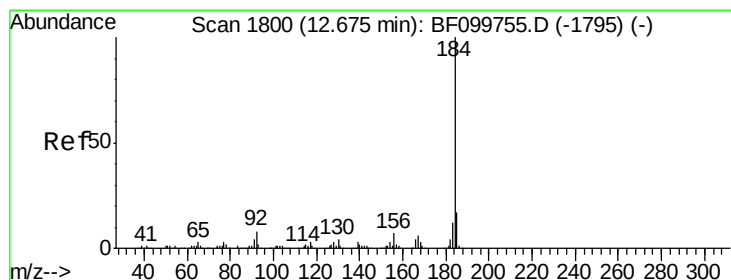
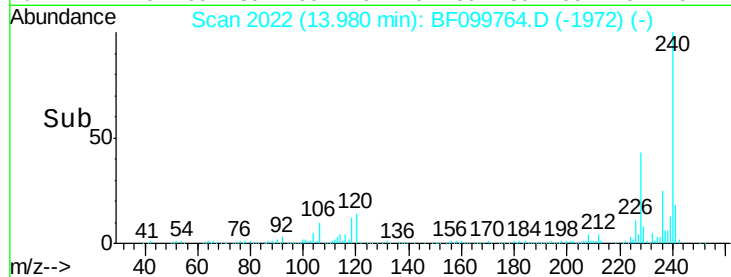
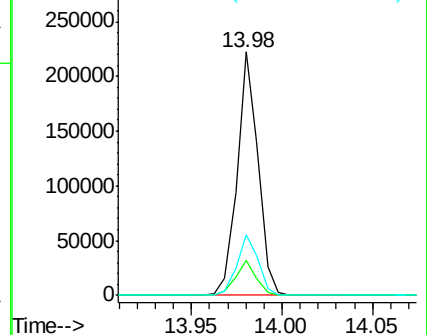
236 25.0 20.7 31.1



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: 38.66 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

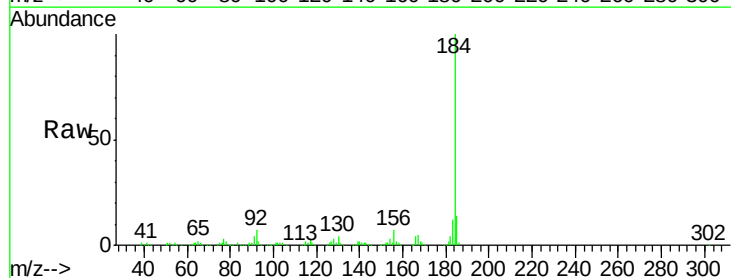
Tgt Ion:184 Resp: 302283

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

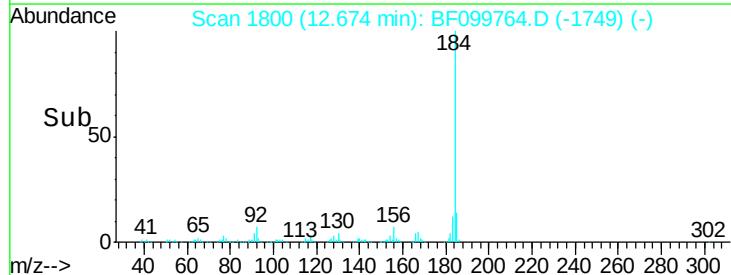
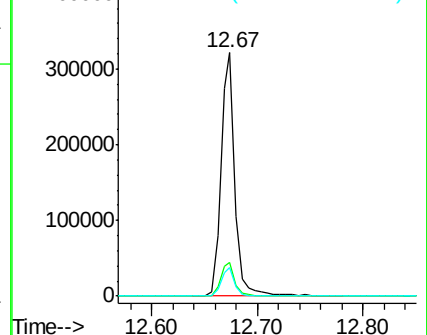
183 11.6 9.3 13.9

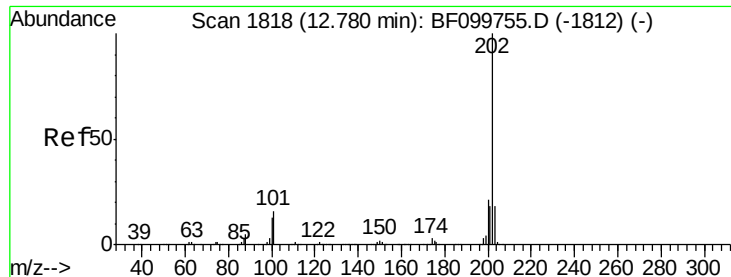


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.85 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

ClientSampleId :

PB103538BS

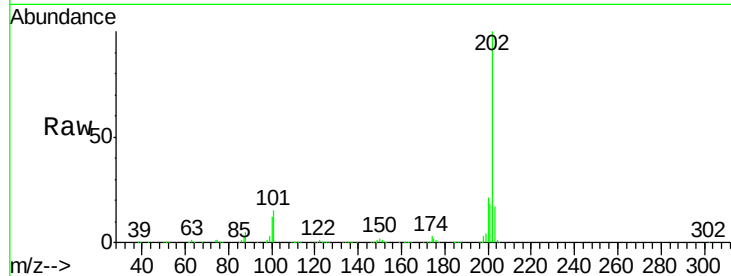
Tot Ion:202 Resp: 609445

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.2

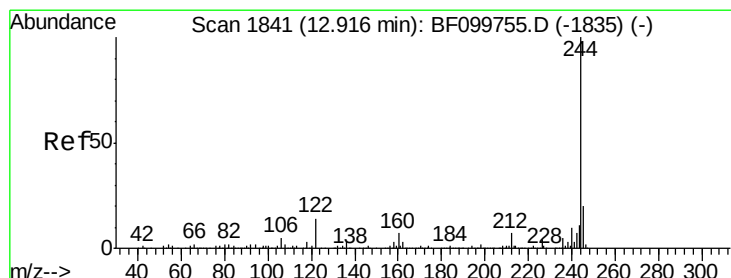
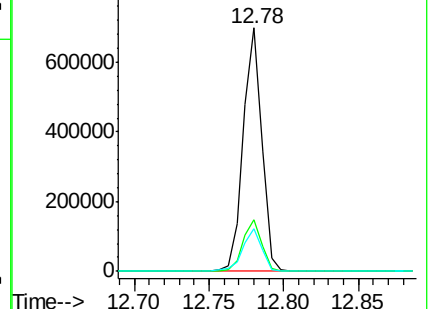
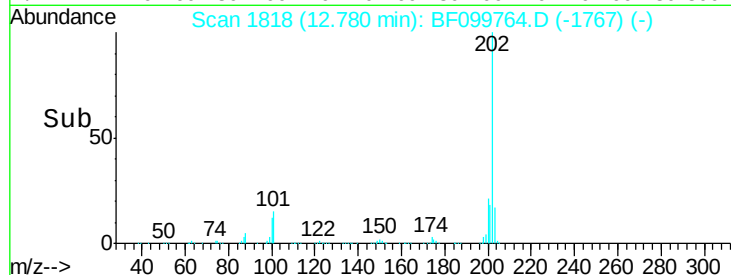
203 17.3 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.64 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

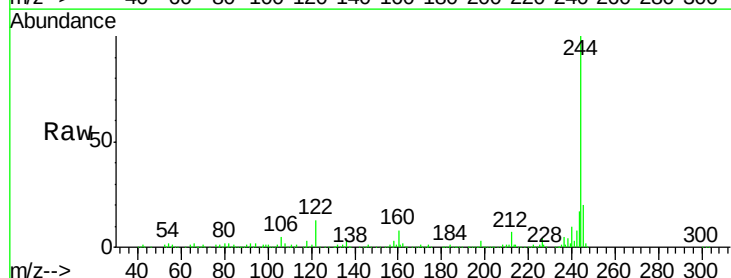
Tgt Ion:244 Resp: 749343

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

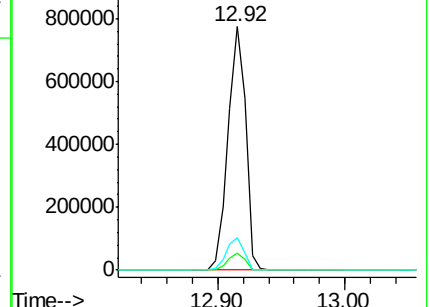
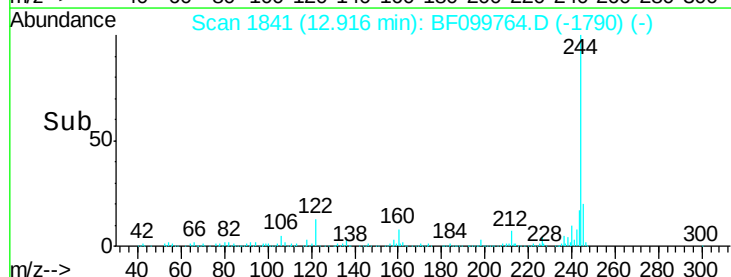
122 13.5 11.0 16.4

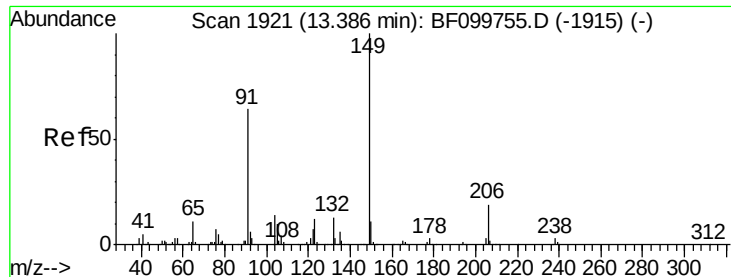


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

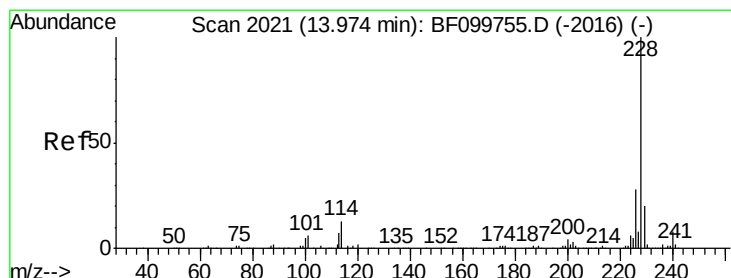
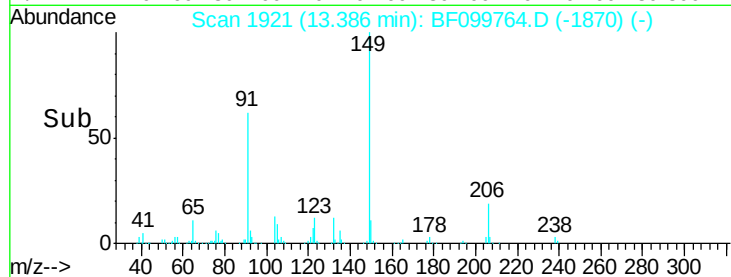
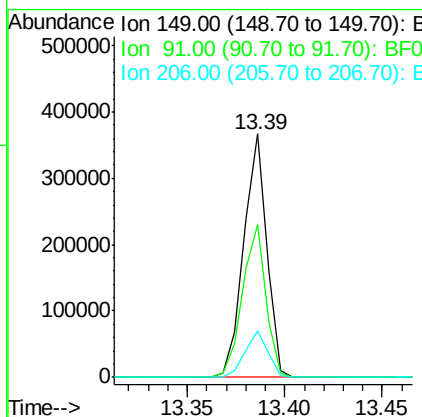
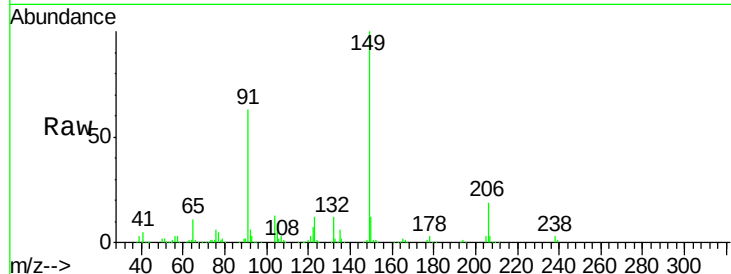




#79
 Butylbenzylphthalate
 Concen: 44.88 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

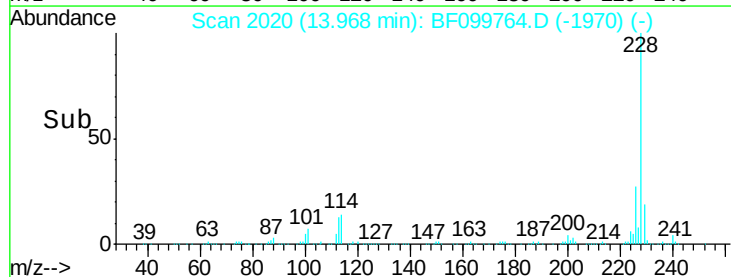
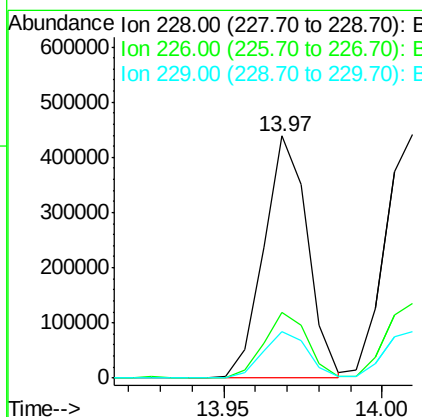
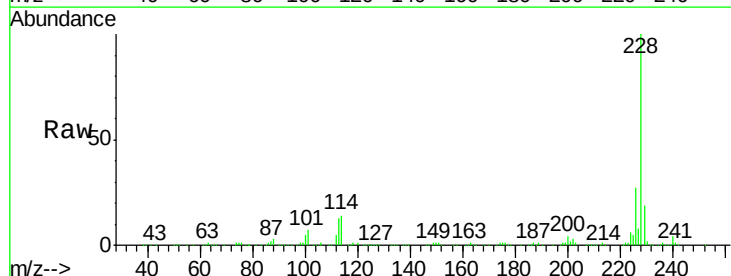
Instrument :
 BNA_F
 ClientSampleID :
 PB103538BS

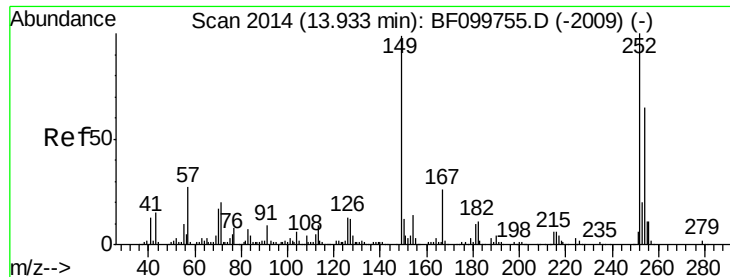
Tot Ion:	149	Resp:	300286
Ion	Ratio	Lower	Upper
149	100		
91	62.5	56.8	85.2
206	19.1	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 37.04 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion:	228	Resp:	419586
Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.4	15.8	23.6

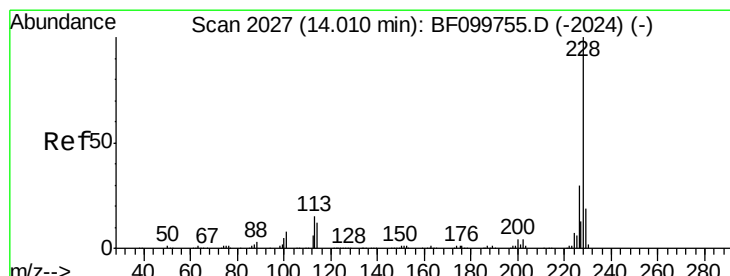
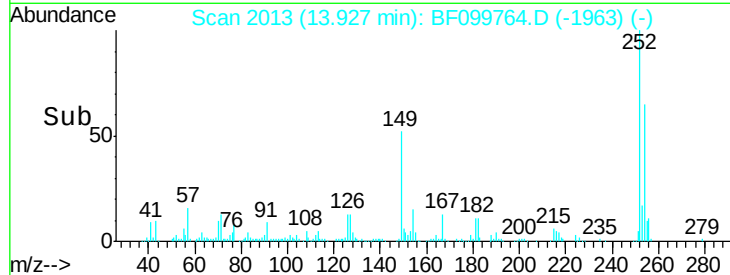
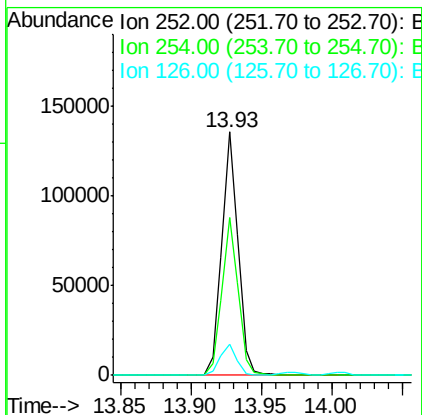
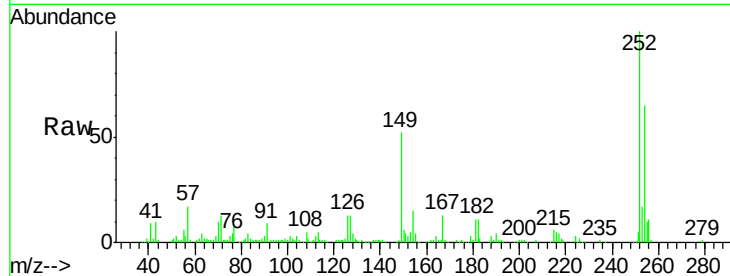




#81
 3,3'-Dichlorobenzidine
 Concen: 26.72 ng
 RT: 13.93 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

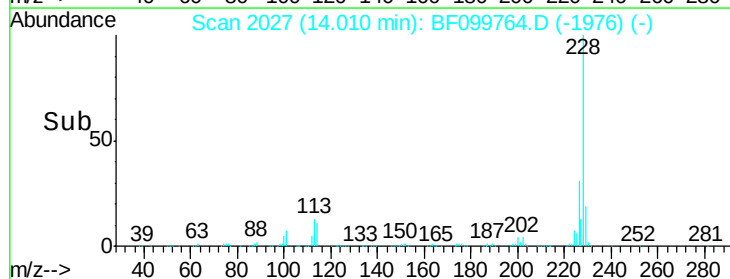
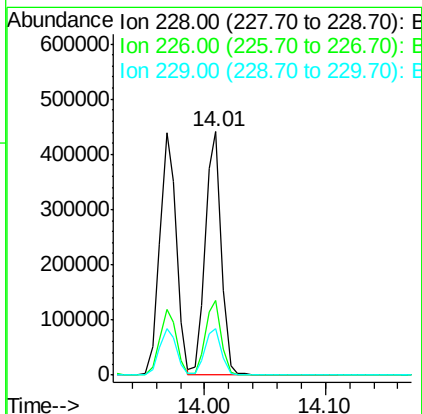
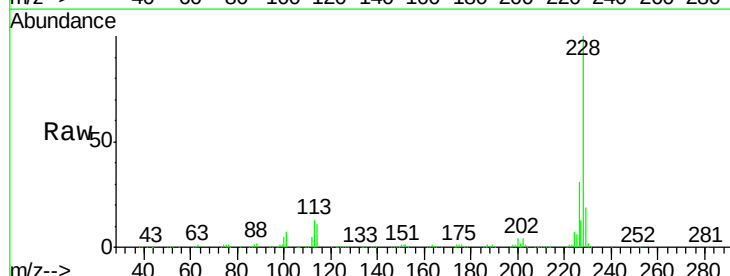
Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

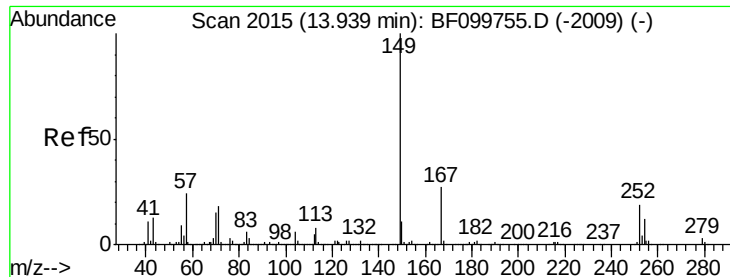
Tot Ion:	252	Resp:	109880
Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.4	75.6
126	12.9	11.3	16.9



#82
 Chrysene
 Concen: 37.92 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion:	228	Resp:	403839
Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.26 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

ClientSampleId :

PB103538BS

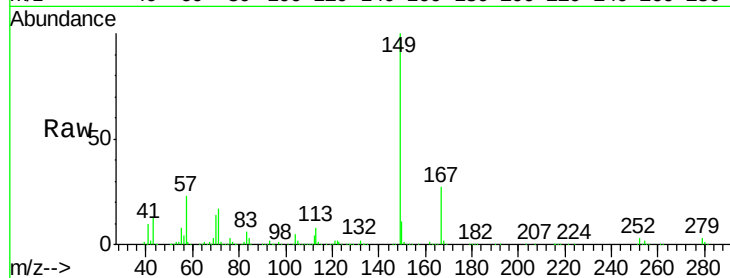
Tot Ion:149 Resp: 406532

Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

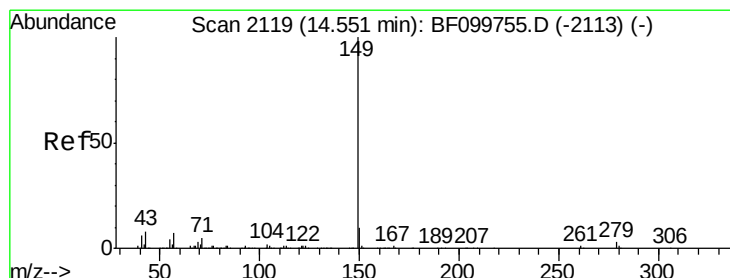
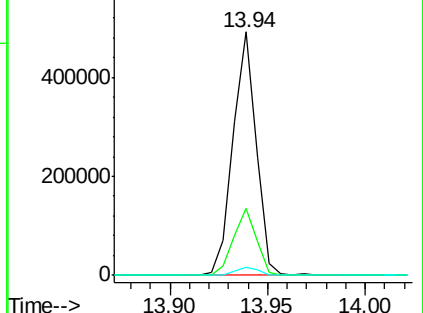
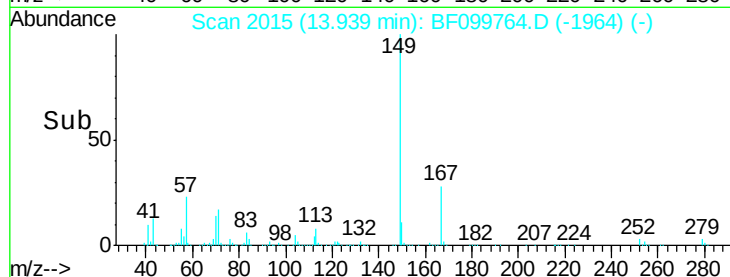
279 3.2 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.14 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

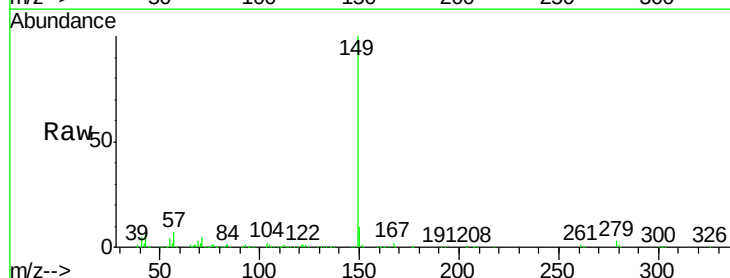
Tgt Ion:149 Resp: 615168

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

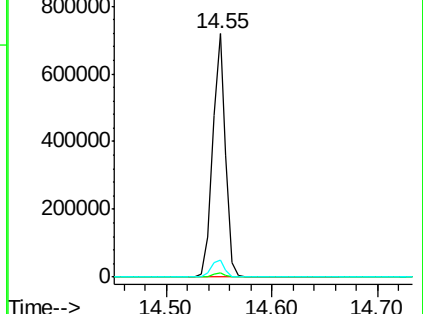
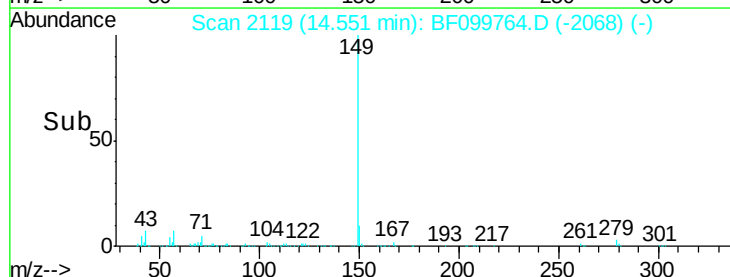
43 7.3 8.4 12.6#

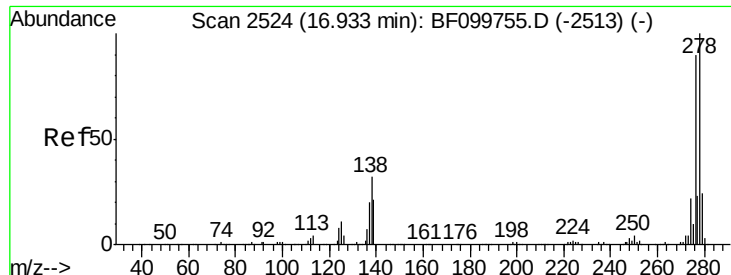


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

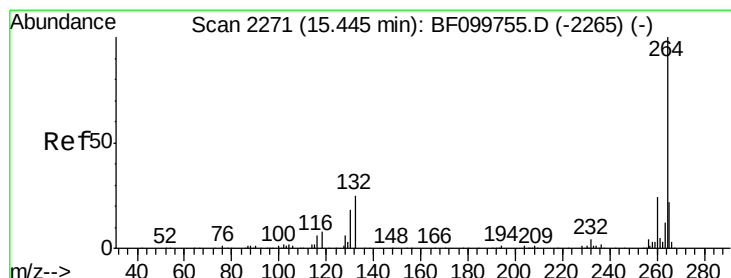
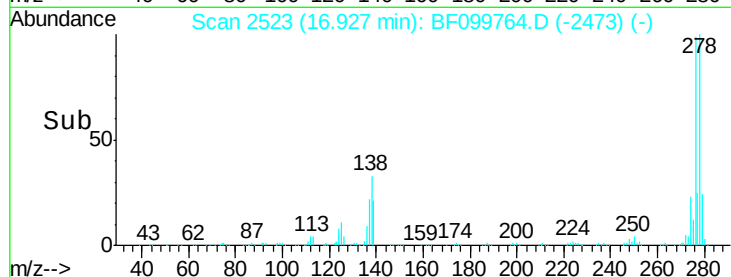
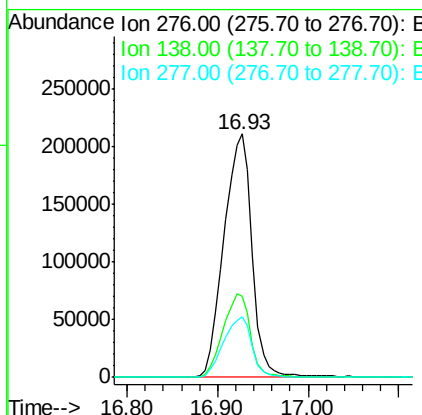
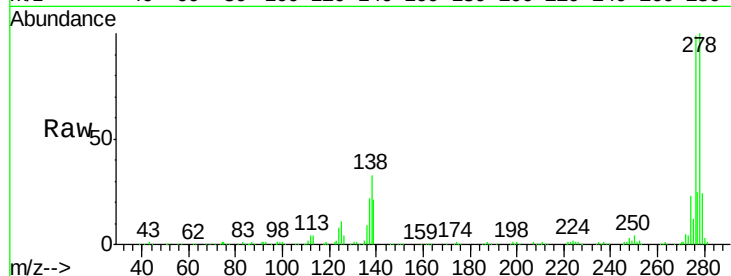




#85
Indeno(1,2,3-cd)pyrene
Concen: 46.61 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

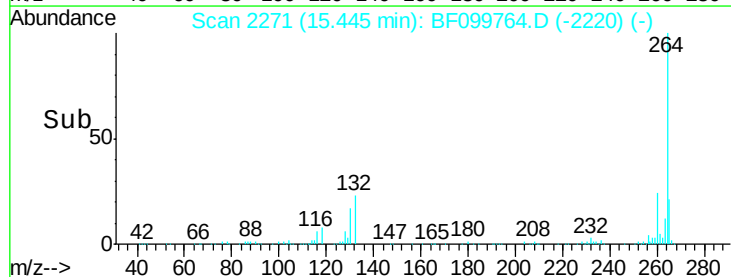
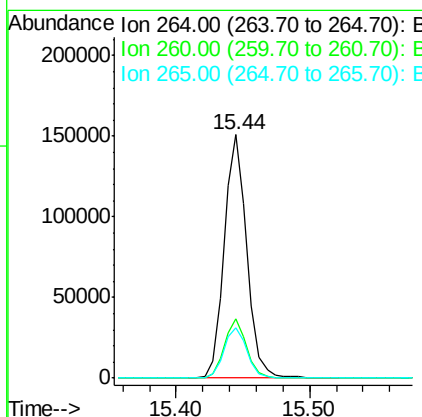
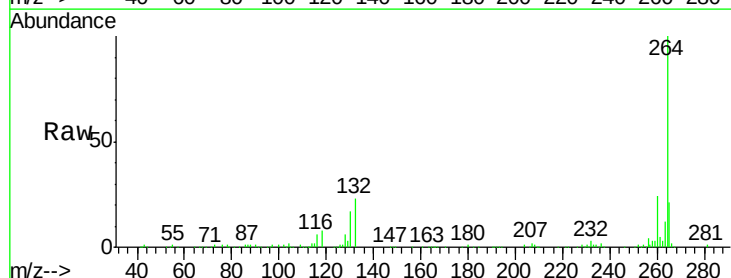
Instrument :
BNA_F
ClientSampleId :
PB103538BS

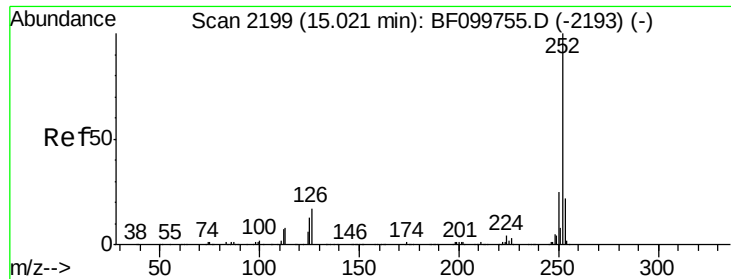
Tot Ion:276 Resp: 455707
Ion Ratio Lower Upper
276 100
138 33.6 25.0 37.6
277 25.2 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion:264 Resp: 179898
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 20.7 17.5 26.3

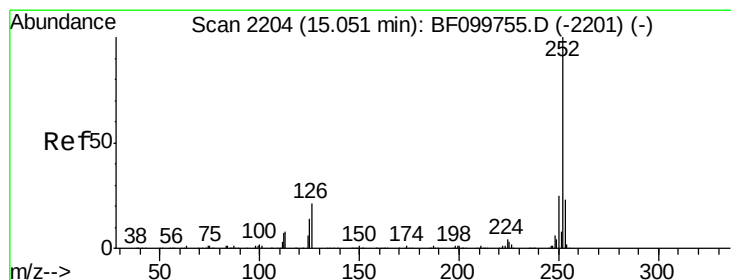
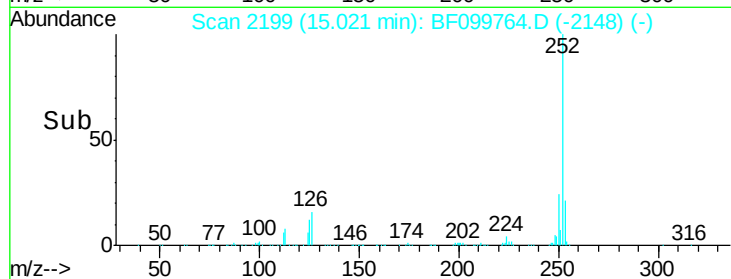
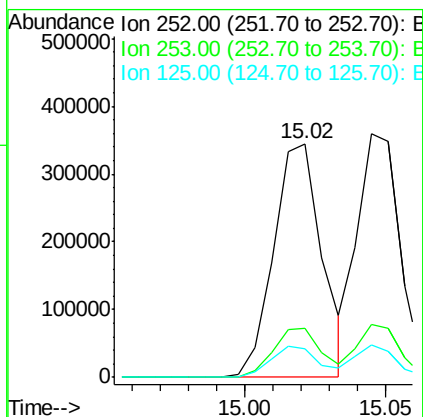
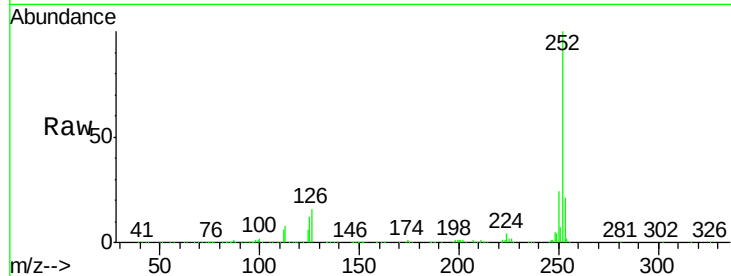




#87
Benzo(b)fluoranthene
Concen: 36.06 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

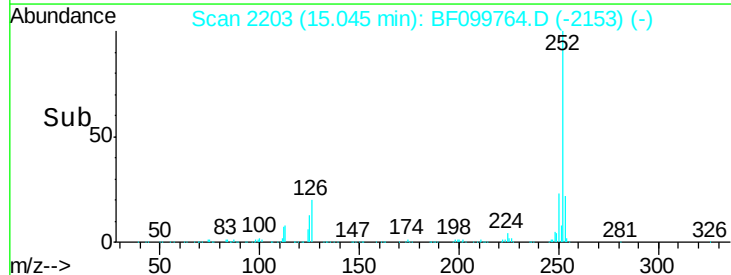
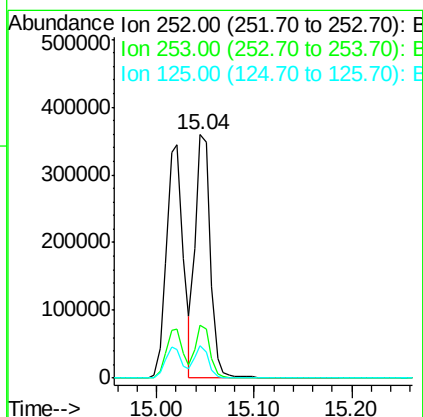
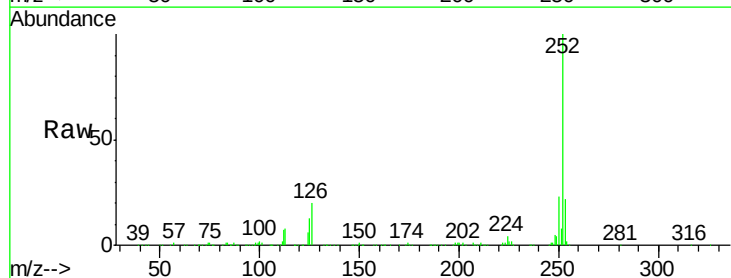
Instrument :
BNA_F
ClientSampleId :
PB103538BS

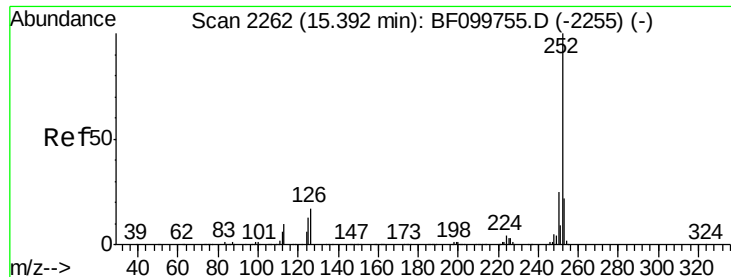
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.0	25.6
125	12.1	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 35.92 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	13.3	10.2	15.2

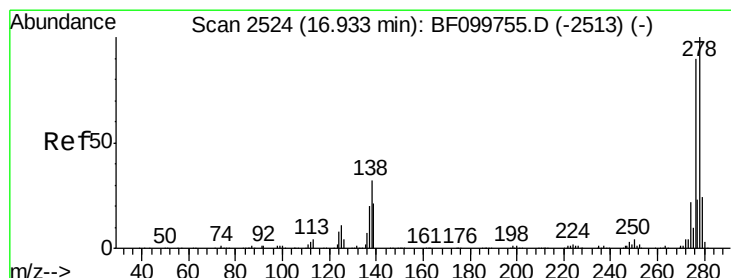
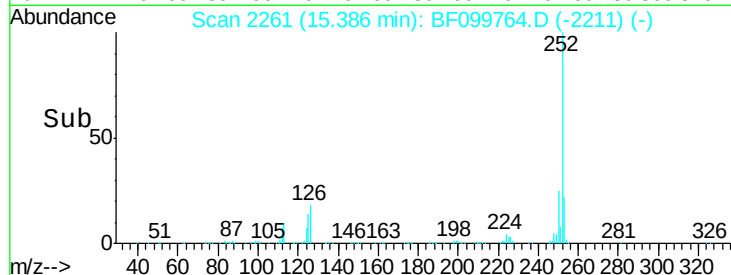
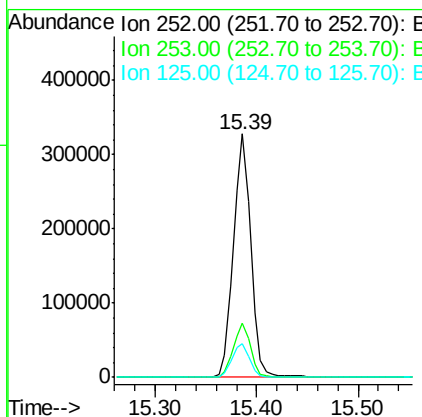
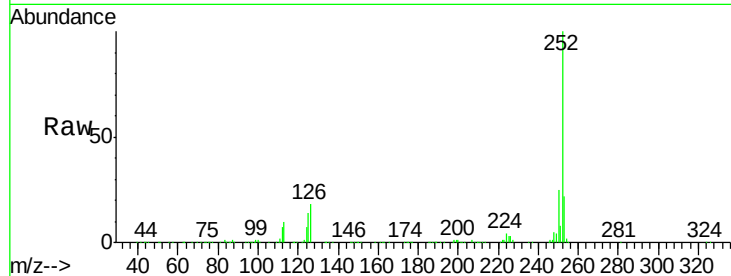




#89
Benzo(a)pyrene
Concen: 38.35 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

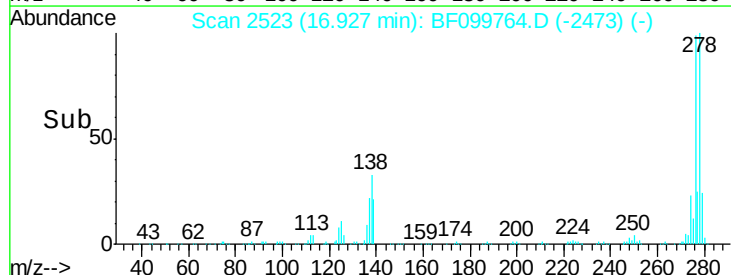
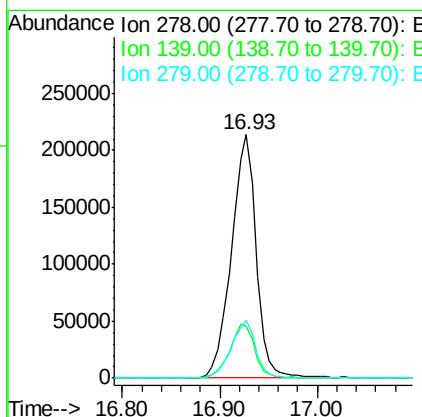
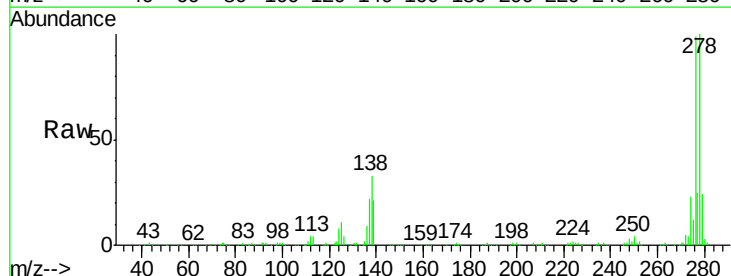
Instrument :
BNA_F
ClientSampleId :
PB103538BS

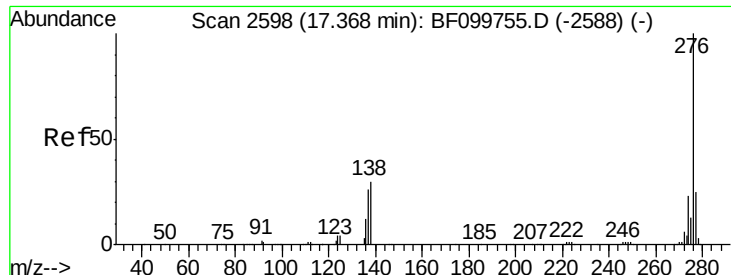
Tot Ion:252 Resp: 391298
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 14.0 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 41.62 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion:278 Resp: 377380
Ion Ratio Lower Upper
278 100
139 21.3 15.9 23.9
279 23.7 19.0 28.4

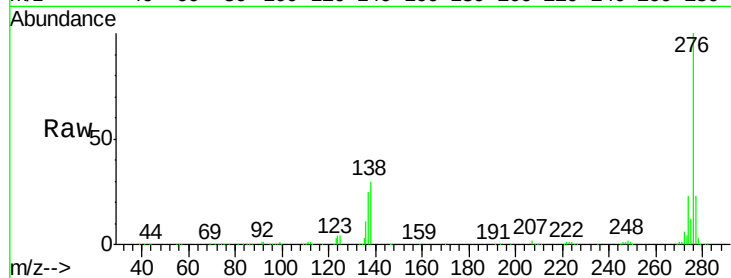




#91
 Benzo(a,h,i)perylene
 Concen: 43.29 ng
 RT: 17.37 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	29.6	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

