

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
 Data File : BF096637.D
 Acq On : 11 Jul 2017 11:53
 Operator : SJ/JU
 Sample : PB100537BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100537BS

Quant Time: Jul 11 16:53:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	99520	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	417799	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	179775	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	304439	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	161357	20.00	ng	-0.02
86) Perylene-d12	15.23	264	187809	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	761630	112.96	ng	0.00
7) Phenol-d6	6.33	99	904872	109.16	ng	-0.01
23) Nitrobenzene-d5	7.25	82	535753	77.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	180851	128.79	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	968486	92.11	ng	-0.01
78) Terphenyl-d14	12.78	244	657010	87.01	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	87354	27.322	ng	# 72
3) Pyridine	3.05	79	250719	28.580	ng	# 65
4) n-Nitrosodimethylamine	2.99	42	153919	35.548	ng	# 83
6) Aniline	6.35	93	338669	31.611	ng	# 45
8) 2-Chlorophenol	6.47	128	281785	39.189	ng	95
9) Benzaldehyde	6.23	77	142883	27.543	ng	98
10) Phenol	6.35	94	332642	35.225	ng	# 71
11) bis(2-Chloroethyl)ether	6.43	93	266875	36.569	ng	91
12) 1,3-Dichlorobenzene	6.63	146	295187	39.153	ng	99
13) 1,4-Dichlorobenzene	6.70	146	298026	39.549	ng	95
14) 1,2-Dichlorobenzene	6.86	146	277241	40.070	ng	98
15) Benzyl Alcohol	6.83	79	226345	40.849	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	563927	38.010	ng	92
17) 2-Methylphenol	6.95	107	224128	39.113	ng	97
18) Hexachloroethane	7.20	117	108110	39.573	ng	# 78
19) n-Nitroso-di-n-propylamine	7.11	70	179087	36.265	ng	# 85
20) 3+4-Methylphenols	7.10	107	269090	42.101	ng	90
22) Acetophenone	7.10	105	362256	39.682	ng	# 95
24) Nitrobenzene	7.27	77	272251	37.326	ng	93
25) Isophorone	7.52	82	497819	36.928	ng	95
26) 2-Nitrophenol	7.59	139	156118	40.439	ng	# 88
27) 2,4-Dimethylphenol	7.63	122	255140	38.813	ng	97
28) bis(2-Chloroethoxy)methane	7.73	93	338173	38.002	ng	99
29) 2,4-Dichlorophenol	7.83	162	233859	41.233	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	220631	41.239	ng	99
31) Naphthalene	7.99	128	798919	40.505	ng	99
32) Benzoic acid	7.76	122	149072	27.002	ng	92
33) 4-Chloroaniline	8.04	127	252523	30.823	ng	96
34) Hexachlorobutadiene	8.12	225	116920	42.608	ng	98
35) Caprolactam	8.41	113	53287	27.246	ng	# 63
36) 4-Chloro-3-methylphenol	8.53	107	244639	38.982	ng	93
37) 2-Methylnaphthalene	8.68	142	540802	43.074	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	188522	40.387	ng	99
40) Hexachlorocyclopentadiene	8.85	237	189458	83.473	ng	98

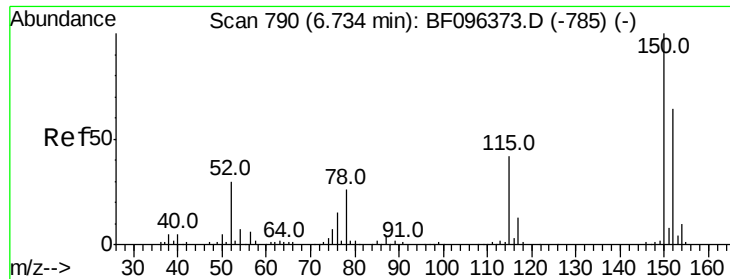
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
 Data File : BF096637.D
 Acq On : 11 Jul 2017 11:53
 Operator : SJ/JU
 Sample : PB100537BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100537BS

Quant Time: Jul 11 16:53:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	144578	39.153	ng	95
43) 2,4,5-Trichlorophenol	9.00	196	155059	42.469	ng	97
45) 1,1'-Biphenyl	9.15	154	612751	39.780	ng	98
46) 2-Chloronaphthalene	9.17	162	475506	41.423	ng	# 92
47) 2-Nitroaniline	9.26	65	164857	39.469	ng	96
48) Acenaphthylene	9.59	152	748400	41.145	ng	98
49) Dimethylphthalate	9.45	163	569087	42.405	ng	98
50) 2,6-Dinitrotoluene	9.51	165	122256	41.195	ng	# 89
51) Acenaphthene	9.76	154	434318	38.737	ng	99
52) 3-Nitroaniline	9.67	138	109729	29.644	ng	85
53) 2,4-Dinitrophenol	9.79	184	79380	50.360	ng	# 69
54) Dibenzofuran	9.93	168	660894	44.646	ng	99
55) 4-Nitrophenol	9.85	139	188504	61.442	ng	# 65
56) 2,4-Dinitrotoluene	9.91	165	160742	42.771	ng	# 78
57) Fluorene	10.27	166	475309	45.464	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	116313	46.045	ng	# 97
59) Diethylphthalate	10.15	149	540943	42.644	ng	99
60) 4-Chlorophenyl-phenylether	10.26	204	202575	44.534	ng	94
61) 4-Nitroaniline	10.29	138	126148	37.480	ng	89
62) Azobenzene	10.42	77	519996	42.394	ng	92
64) 4,6-Dinitro-2-methylphenol	10.32	198	61879	29.472	ng	86
65) n-Nitrosodiphenylamine	10.38	169	441092	41.294	ng	98
66) 4-Bromophenyl-phenylether	10.75	248	129878	43.825	ng	96
67) Hexachlorobenzene	10.82	284	134510	41.462	ng	95
68) Atrazine	10.91	200	123257	40.390	ng	94
69) Pentachlorophenol	11.01	266	126695	65.893	ng	99
70) Phenanthrene	11.23	178	711813	43.252	ng	99
71) Anthracene	11.27	178	731271	43.605	ng	100
72) Carbazole	11.43	167	645063	38.247	ng	98
73) Di-n-butylphthalate	11.77	149	832960	40.775	ng	98
74) Fluoranthene	12.40	202	603534	37.404	ng	99
76) Benzidine	12.53	184	247792	32.005	ng	# 91
77) Pyrene	12.63	202	598096	46.179	ng	99
79) Butylbenzylphthalate	13.26	149	272552	41.571	ng	# 81
80) Benzo(a)anthracene	13.82	228	419115	44.854	ng	100
81) 3,3'-Dichlorobenzidine	13.78	252	150396	39.188	ng	97
82) Chrysene	13.86	228	427879	43.728	ng	98
83) Bis(2-ethylhexyl)phthalate	13.82	149	338213	46.214	ng	99
84) Di-n-octyl phthalate	14.43	149	620982	43.088	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.58	276	566623	73.361	ng	97
87) Benzo(b)fluoranthene	14.83	252	456067	38.755	ng	96
88) Benzo(k)fluoranthene	14.86	252	459273	43.629	ng	96
89) Benzo(a)pyrene	15.17	252	444587	42.315	ng	98
90) Dibenzo(a,h)anthracene	16.59	278	452128	54.701	ng	97
91) Benzo(g,h,i)perylene	16.98	276	502049	58.617	ng	99

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

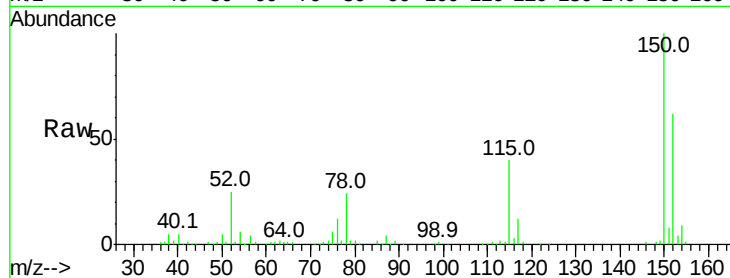


#1

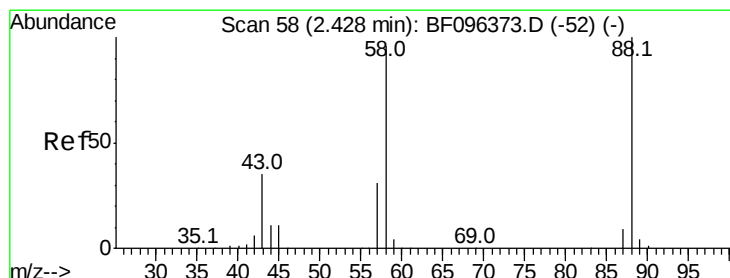
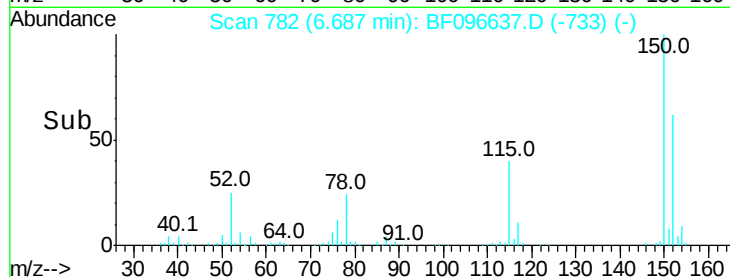
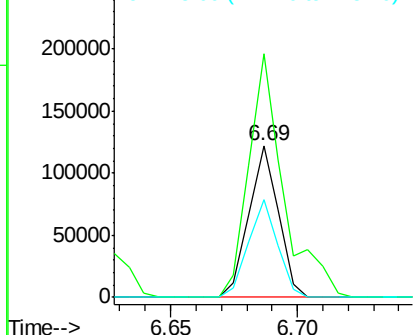
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB100537BS

Tot Ion:152 Resp: 99520
 Ion Ratio Lower Upper
 152 100
 150 160.3 126.2 189.2
 115 64.2 52.2 78.2



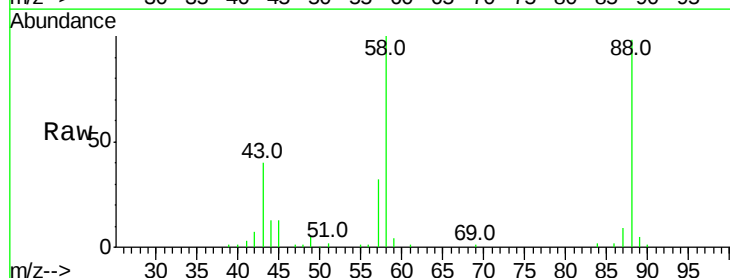
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



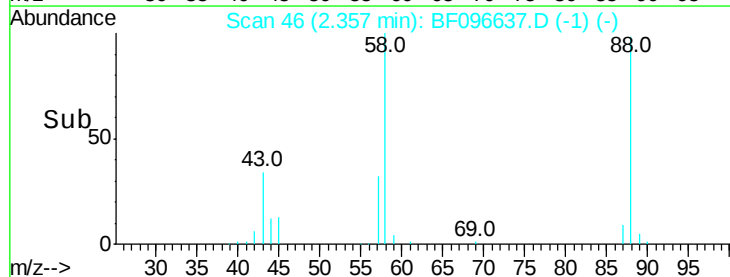
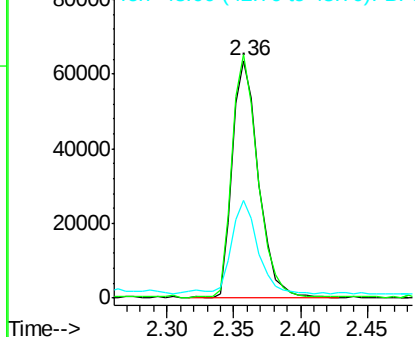
#2

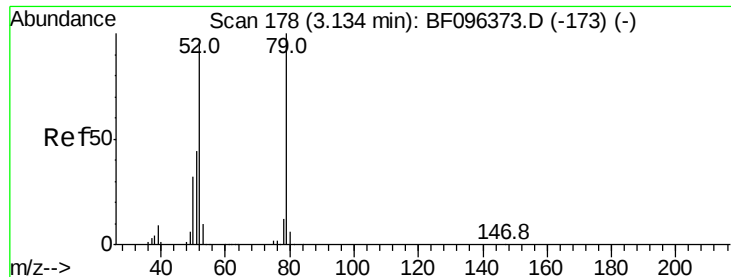
1,4-Dioxane
 Concen: 27.322 ng
 RT: 2.36 min Scan# 46
 Delta R.T. -0.01 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

Tgt Ion: 88 Resp: 87354
 Ion Ratio Lower Upper
 88 100
 58 102.8 61.4 92.0#
 43 41.0 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 28.580 ng

RT: 3.05 min Scan# 164

Delta R.T. -0.00 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

Instrument :

BNA_F

ClientSampleId :

PB100537BS

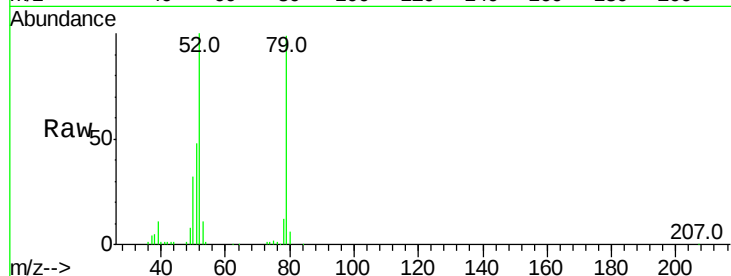
Tot Ion: 79 Resp: 250719

Ion Ratio Lower Upper

79 100

52 100.6 54.8 82.2#

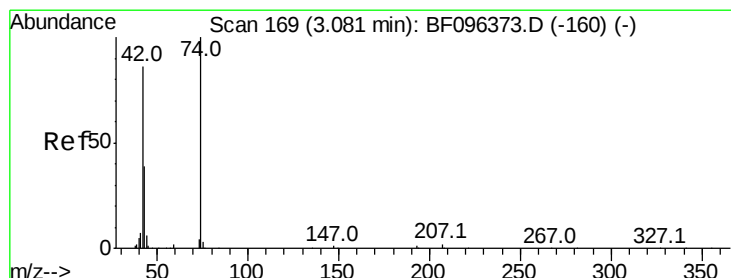
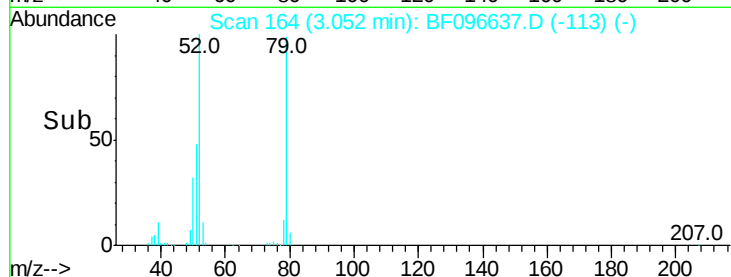
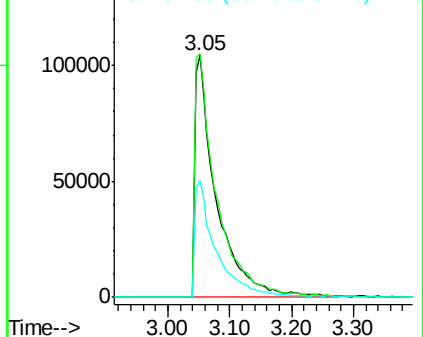
51 48.2 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.548 ng

RT: 2.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

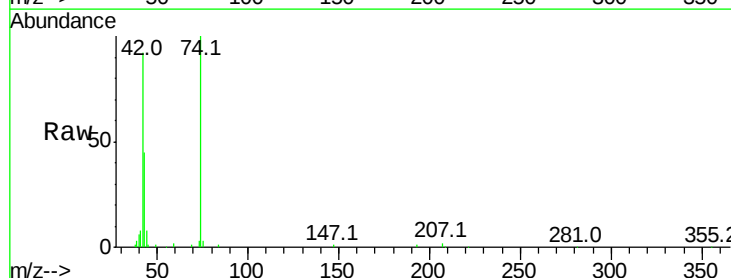
Tgt Ion: 42 Resp: 153919

Ion Ratio Lower Upper

42 100

74 108.8 103.9 155.9

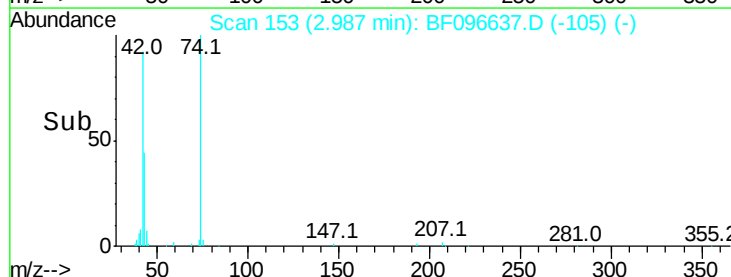
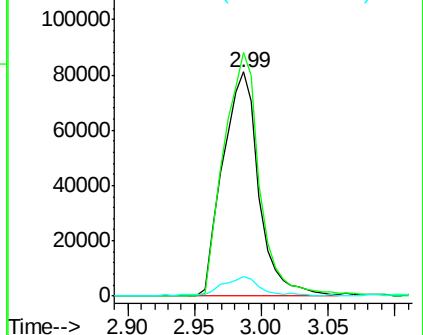
44 8.6 5.7 8.5#

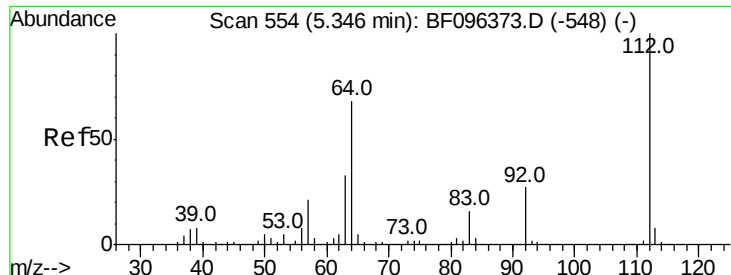


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

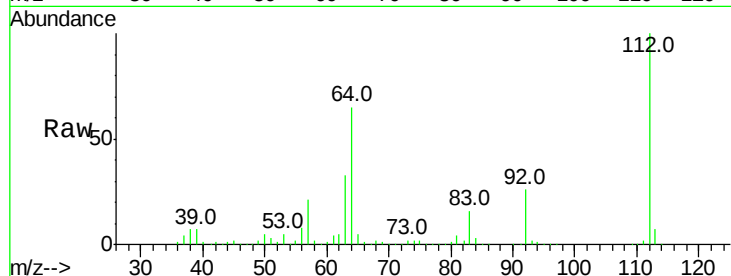




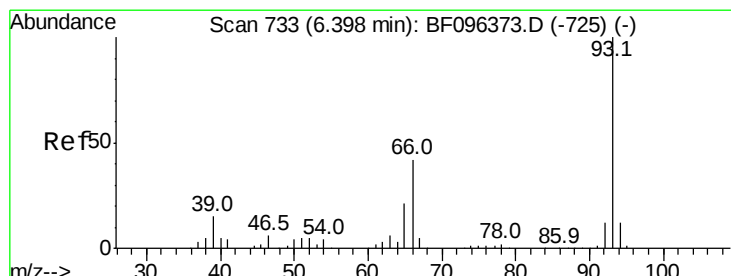
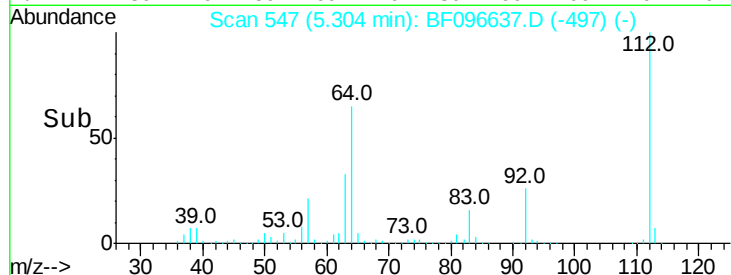
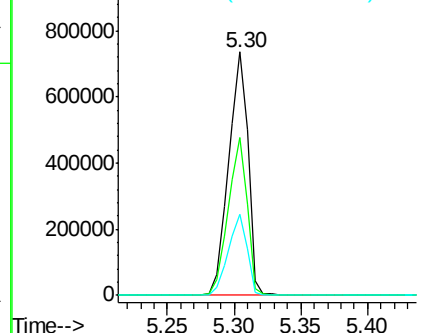
#5
 2-Fluorophenol
 Concen: 112.957 ng
 RT: 5.30 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

Instrument :
 BNA_F
 ClientSampleID :
 PB100537BS

Tot Ion:	112	Resp:	761630
Ion	Ratio	Lower	Upper
112	100		
64	64.6	46.0	69.0
63	33.1	23.4	35.0

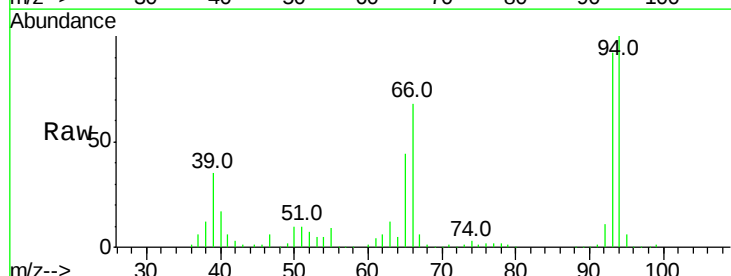


Abundance Ion 112.00 (111.70 to 112.70): BF0
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

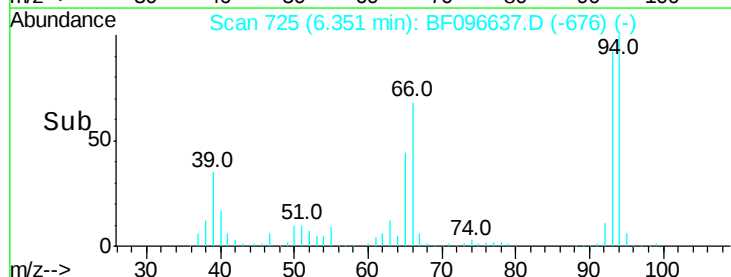
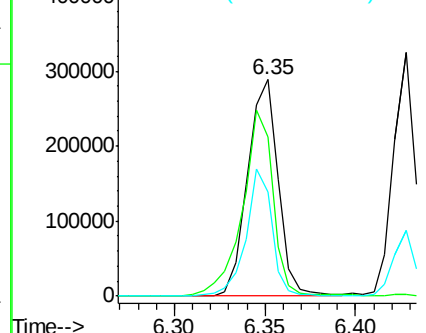


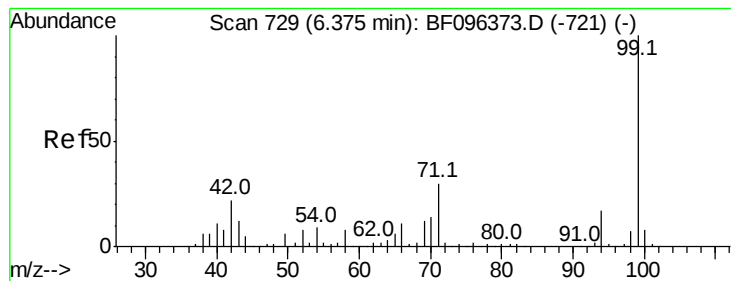
#6
 Aniline
 Concen: 31.611 ng
 RT: 6.35 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

Tgt Ion:	93	Resp:	338669
Ion	Ratio	Lower	Upper
93	100		
66	73.5	32.9	49.3#
65	48.0	16.0	24.0#



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: 109.162 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

Instrument :

BNA_F

ClientSampleId :

PB100537BS

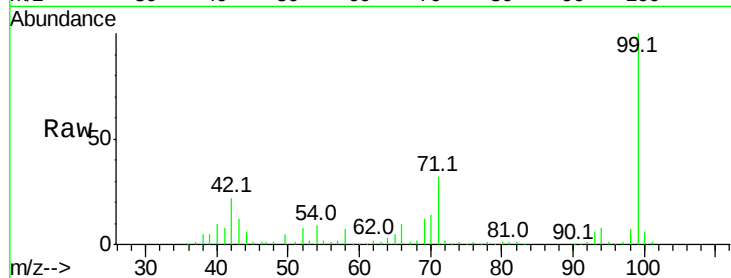
Tot Ion: 99 Resp: 904872

Ion Ratio Lower Upper

99 100

42 22.3 13.5 20.3#

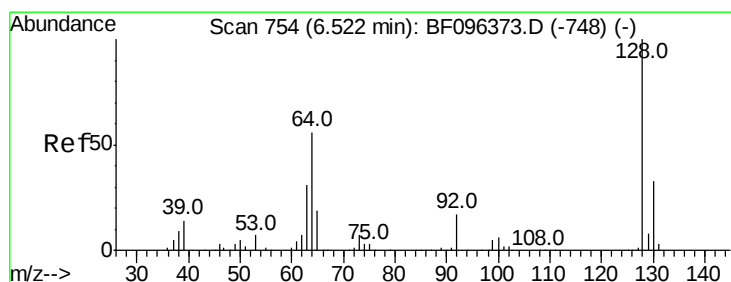
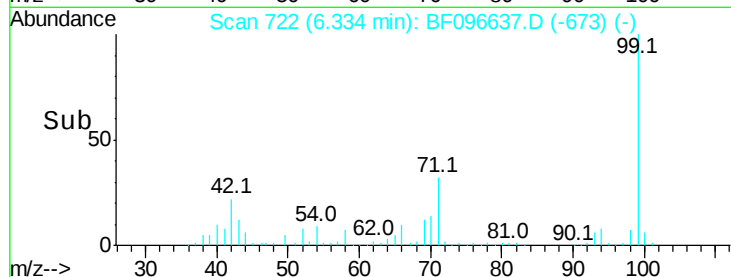
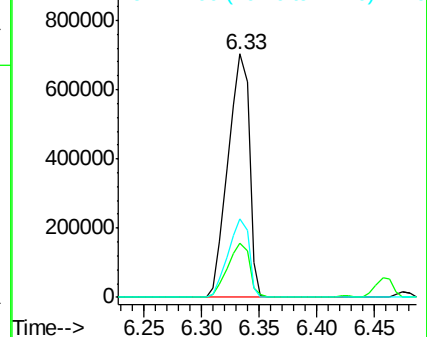
71 32.1 24.5 36.7



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: 39.189 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

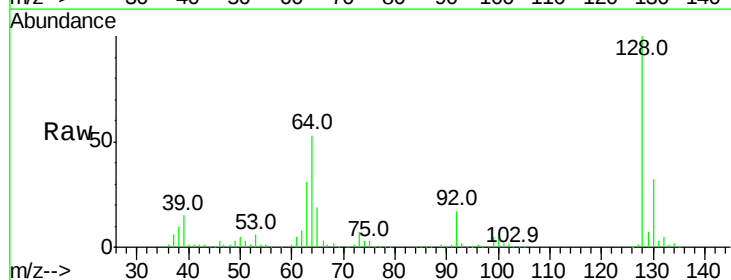
Tgt Ion: 128 Resp: 281785

Ion Ratio Lower Upper

128 100

130 31.6 12.9 52.9

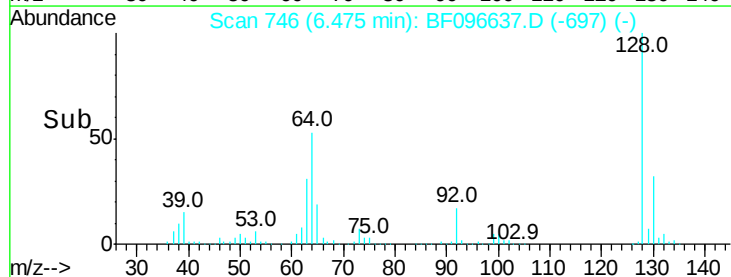
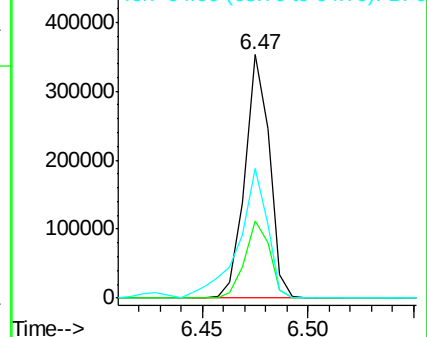
64 53.1 28.4 68.4

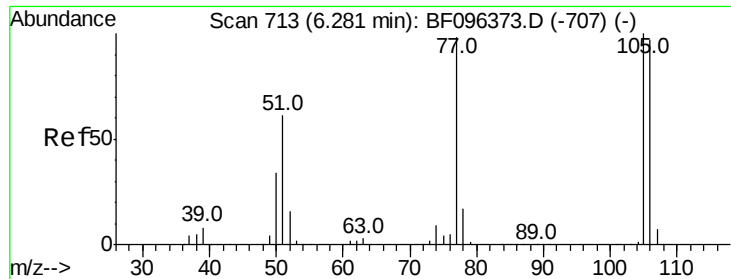


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

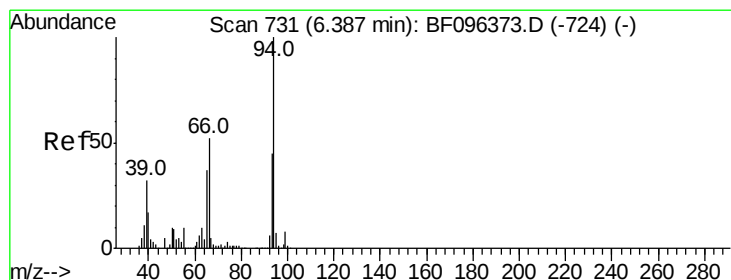
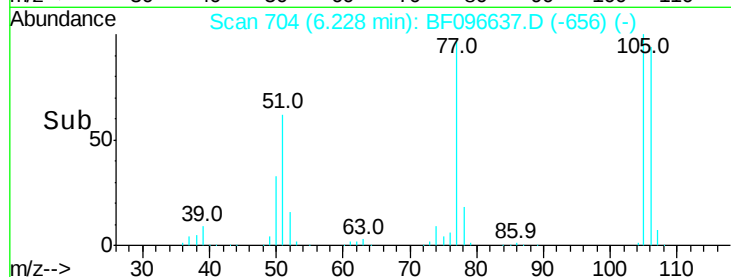
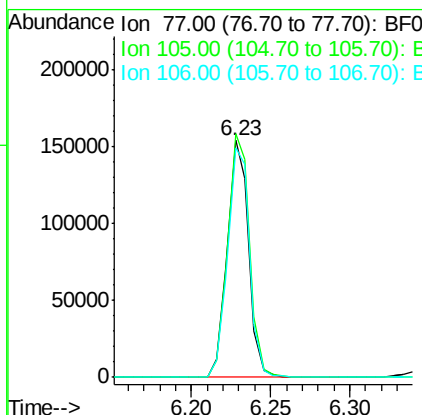
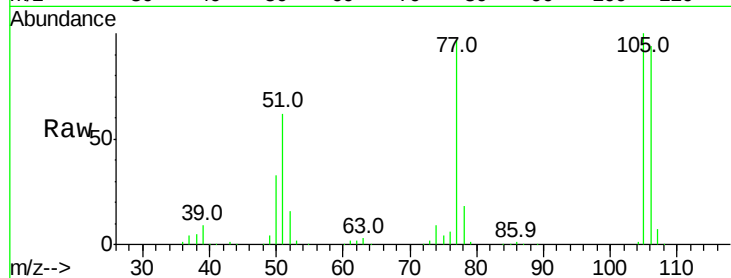




#9
Benzaldehyde
Concen: 27.543 ng
RT: 6.23 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF096637.D
Acq: 11 Jul 2017 11:53

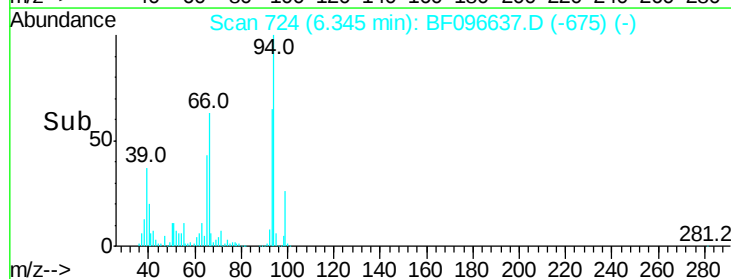
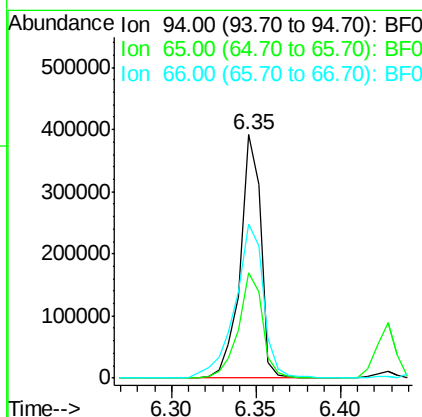
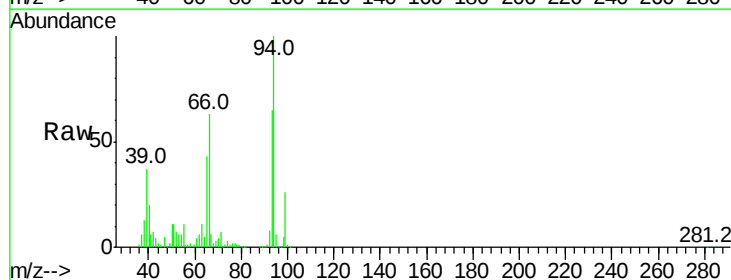
Instrument :
BNA_F
ClientSampleId :
PB100537BS

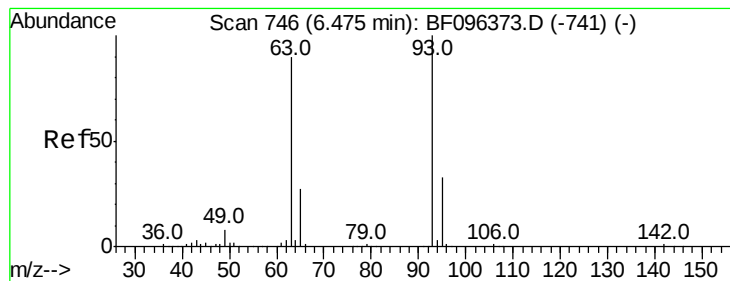
Tot Ion: 77 Resp: 142883
Ion Ratio Lower Upper
77 100
105 102.9 83.8 123.8
106 96.8 79.1 119.1



#10
Phenol
Concen: 35.225 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF096637.D
Acq: 11 Jul 2017 11:53

Tgt Ion: 94 Resp: 332642
Ion Ratio Lower Upper
94 100
65 43.1 9.9 49.9
66 63.5 23.1 63.1#





#11

bis(2-Chloroethyl)ether

Concen: 36.569 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

Instrument :

BNA_F

ClientSampleId :

PB100537BS

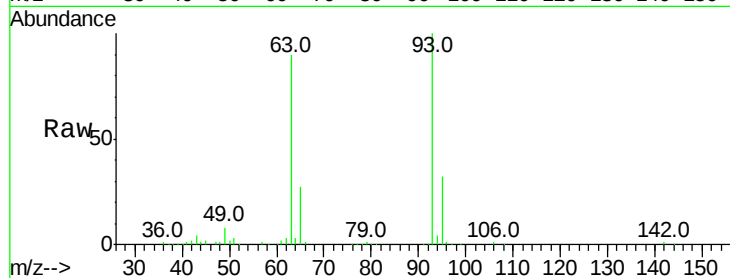
Tot Ion: 93 Resp: 266875

Ion Ratio Lower Upper

93 100

63 90.2 59.2 99.2

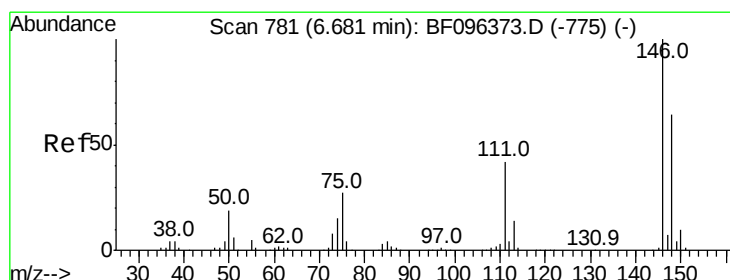
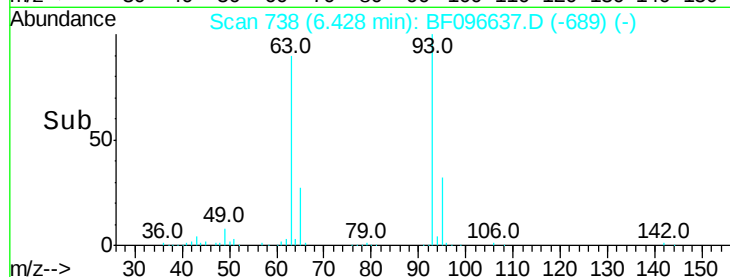
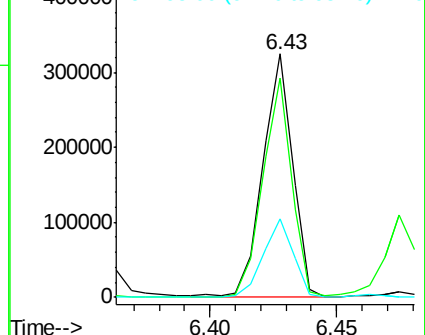
95 32.4 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.153 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

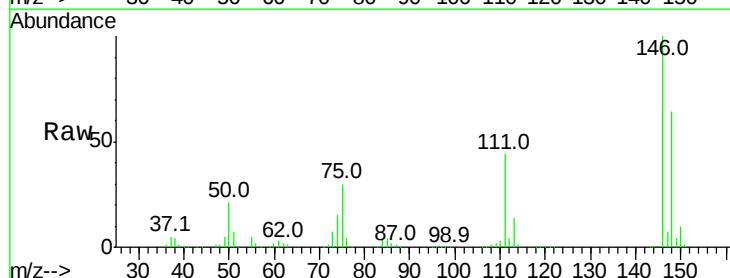
Tgt Ion: 146 Resp: 295187

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

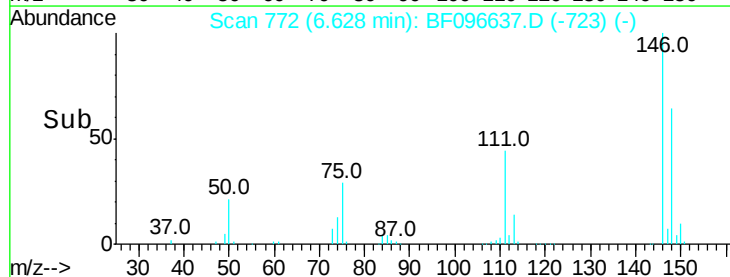
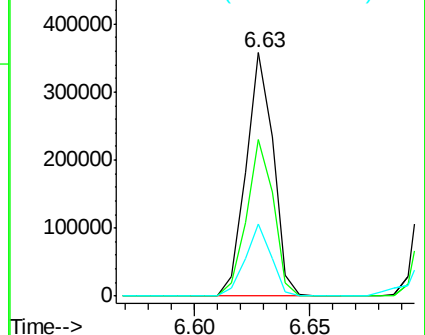
75 29.7 23.1 34.7

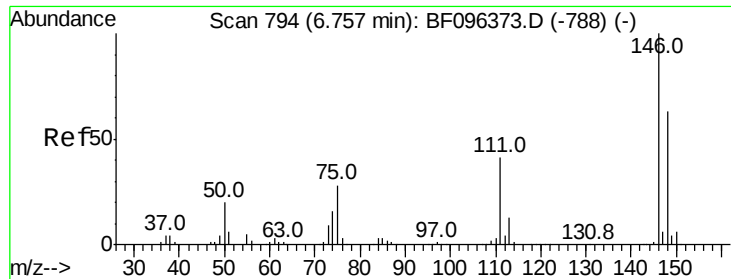


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 39.549 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

Instrument :

BNA_F

ClientSampleId :

PB100537BS

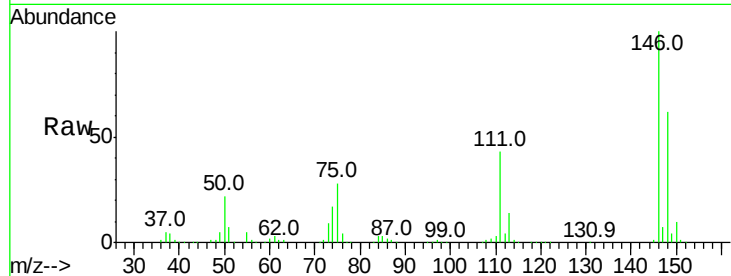
Tot Ion:146 Resp: 298026

Ion Ratio Lower Upper

146 100

148 61.9 52.2 78.2

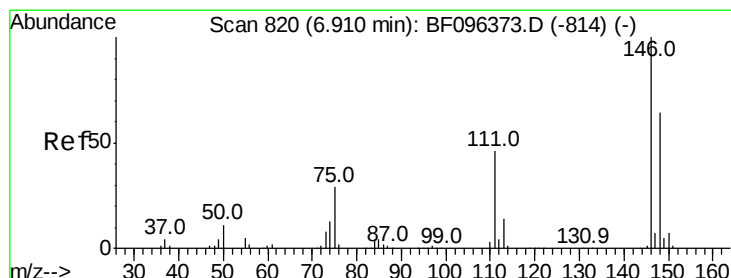
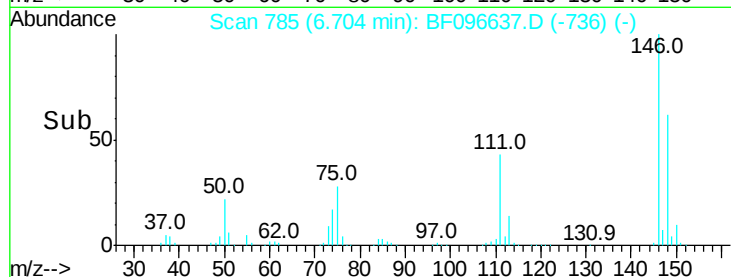
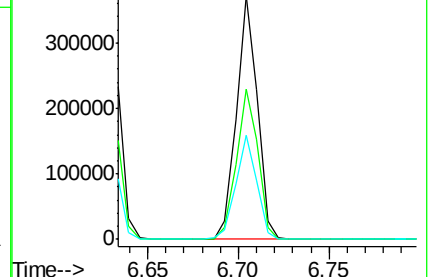
111 42.6 30.3 45.5



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: 40.070 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

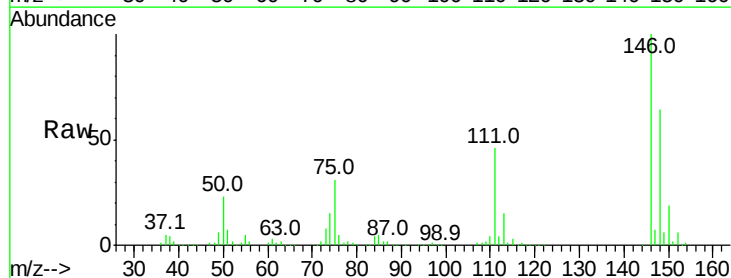
Tgt Ion:146 Resp: 277241

Ion Ratio Lower Upper

146 100

148 64.0 50.4 75.6

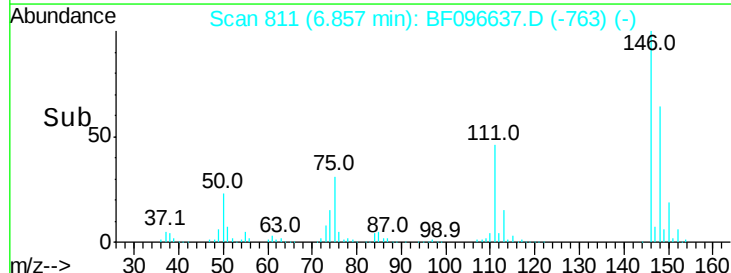
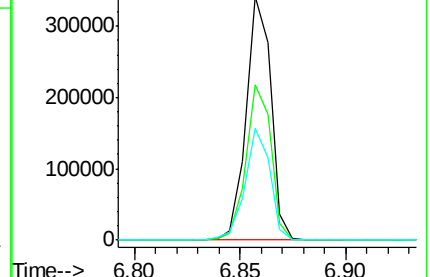
111 46.0 38.2 57.4

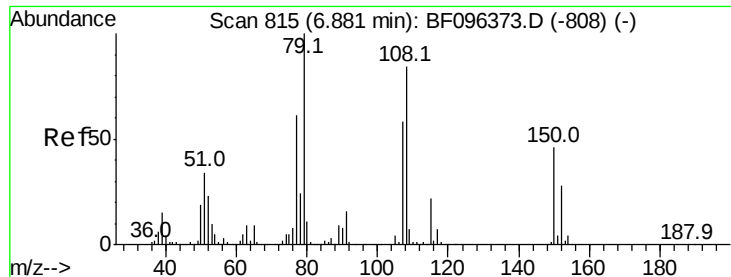


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.849 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

Instrument :

BNA_F

ClientSampleId :

PB100537BS

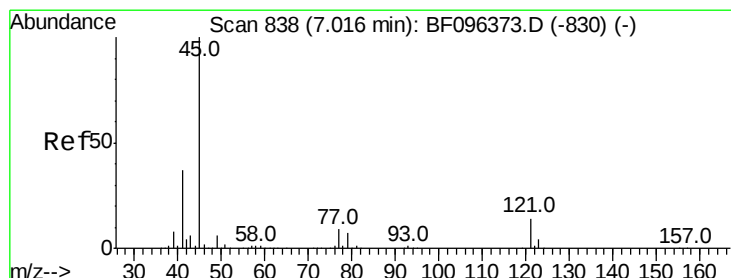
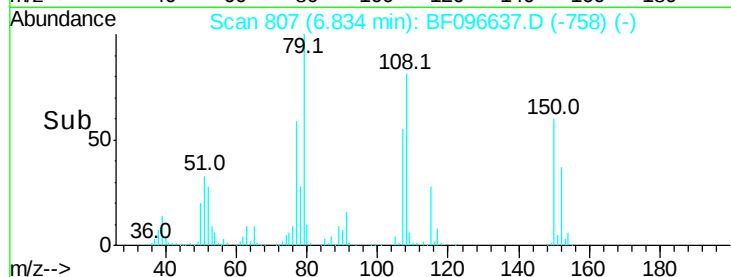
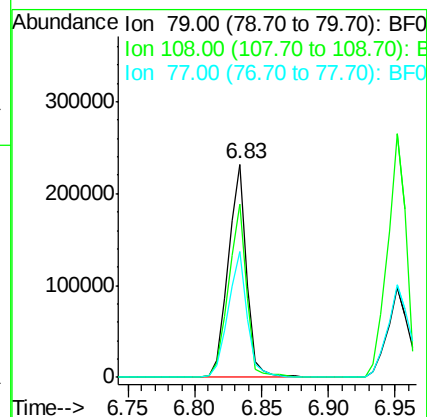
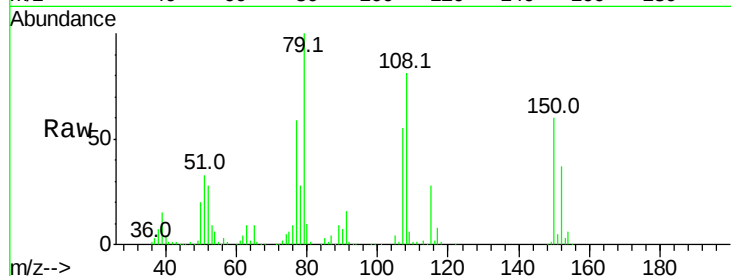
Tot Ion: 79 Resp: 226345

Ion Ratio Lower Upper

79 100

108 81.1 63.4 95.0

77 59.2 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.010 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

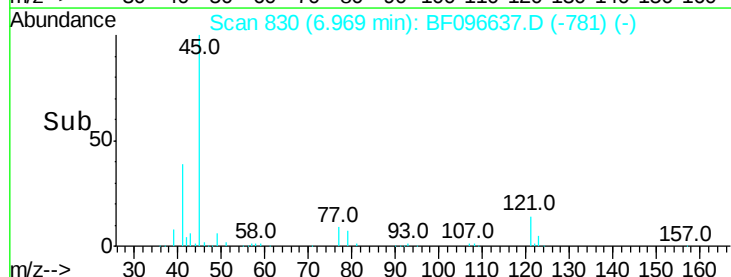
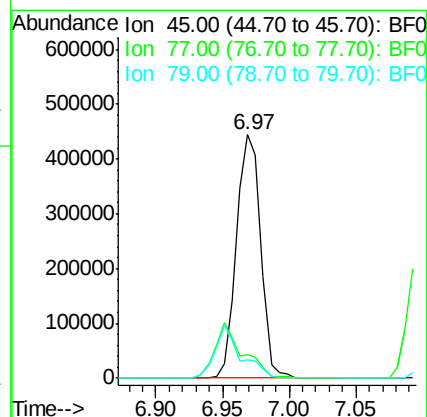
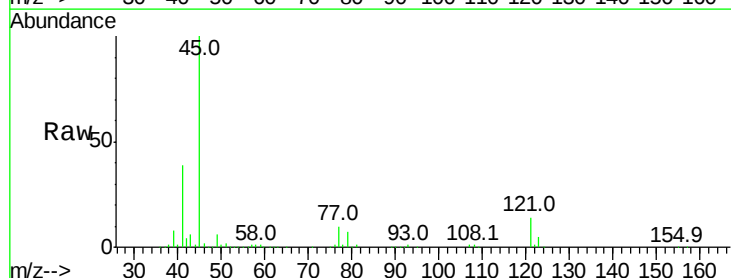
Tgt Ion: 45 Resp: 563927

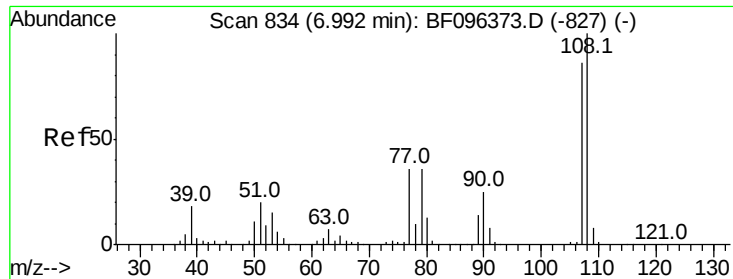
Ion Ratio Lower Upper

45 100

77 9.6 0.0 33.2

79 7.4 0.0 30.0

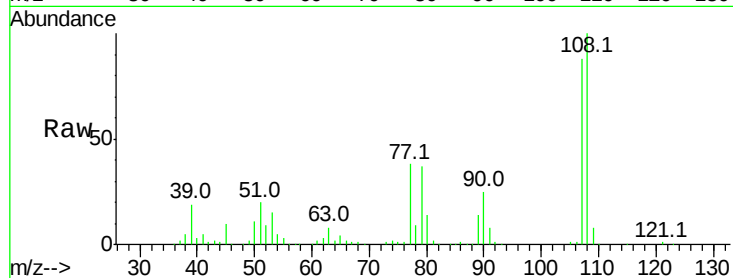




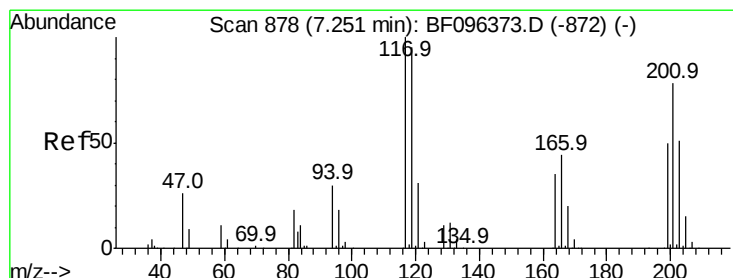
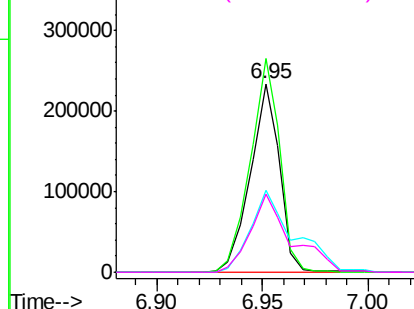
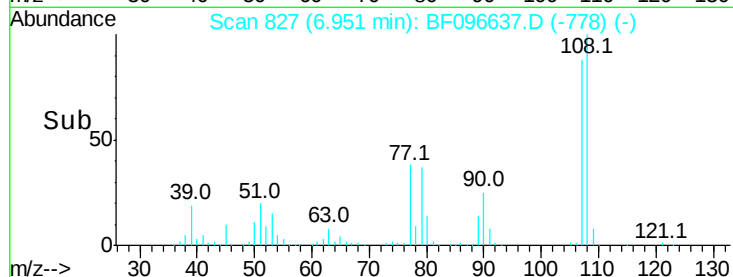
#17
2-Methylphenol
Concen: 39.113 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF096637.D
Acq: 11 Jul 2017 11:53

Instrument :
BNA_F
ClientSampleId :
PB100537BS

Tot Ion:107 Resp: 224128
Ion Ratio Lower Upper
107 100
108 113.4 93.4 140.0
77 43.4 35.8 53.6
79 41.8 34.8 52.2

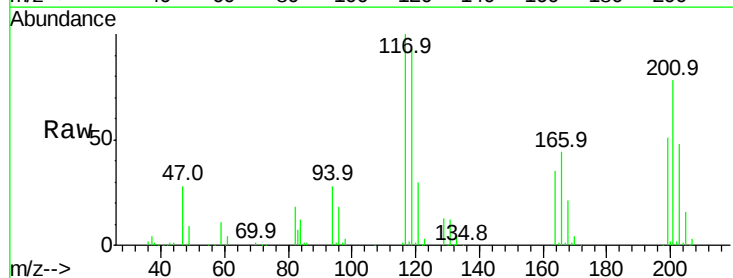


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

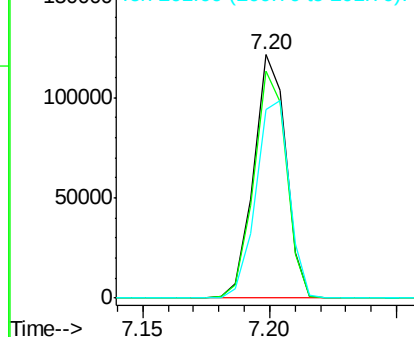
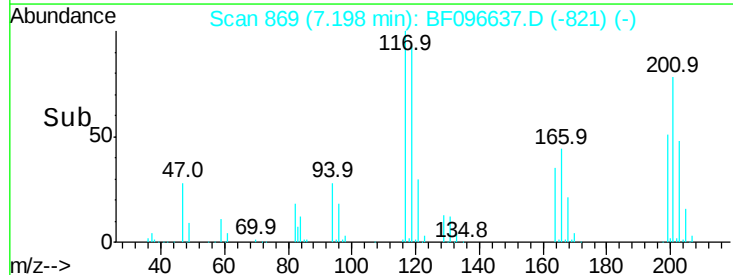


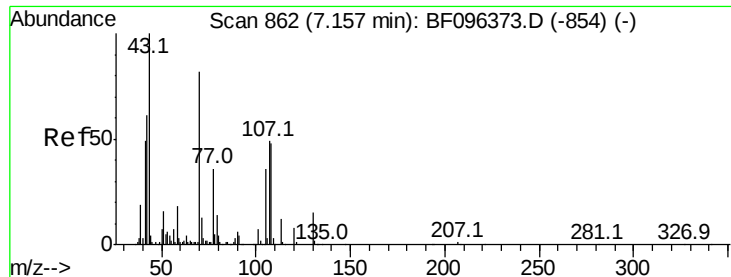
#18
Hexachloroethane
Concen: 39.573 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF096637.D
Acq: 11 Jul 2017 11:53

Tgt Ion:117 Resp: 108110
Ion Ratio Lower Upper
117 100
119 93.1 77.4 116.0
201 77.7 94.6 141.8#



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

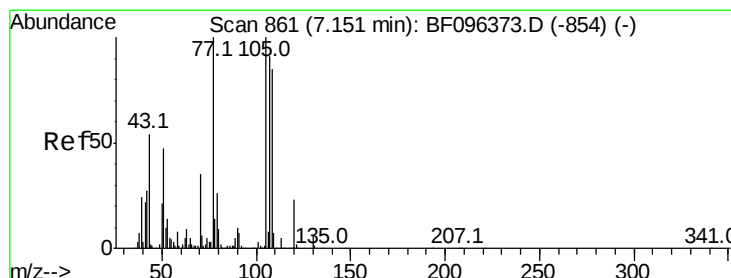
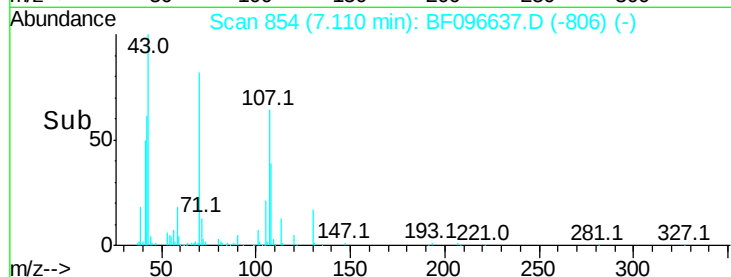
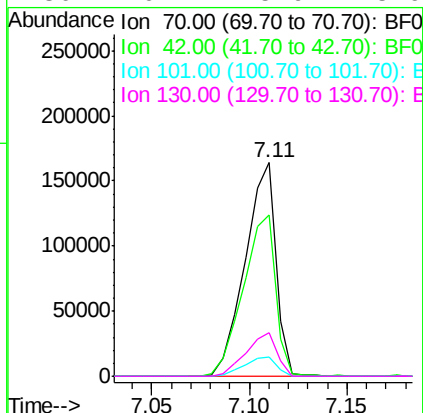
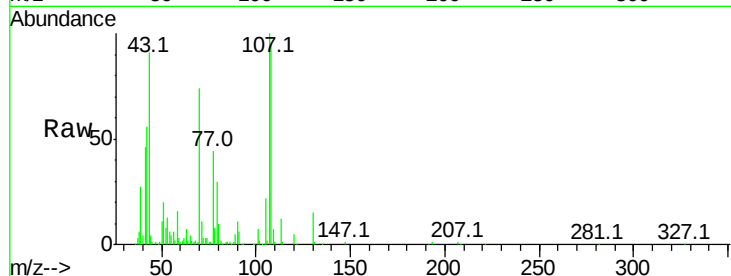




#19
n-Nitroso-di-n-propylamine
Concen: 36.265 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF096637.D
Acq: 11 Jul 2017 11:53

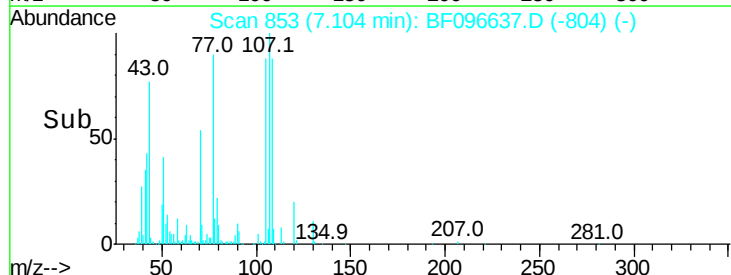
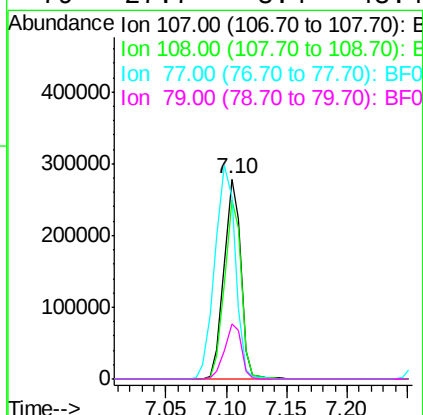
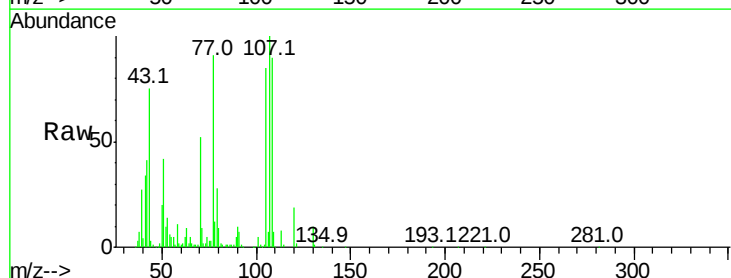
Instrument :
BNA_F
ClientSampleId :
PB100537BS

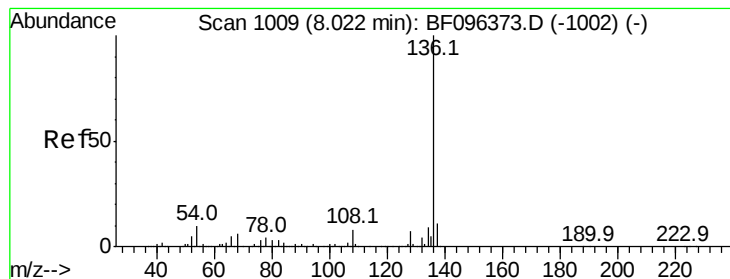
Tot Ion: 70 Resp: 179087
Ion Ratio Lower Upper
70 100
42 75.7 47.2 70.8#
101 9.1 7.2 10.8
130 20.7 15.9 23.9



#20
3+4-Methylphenols
Concen: 42.101 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF096637.D
Acq: 11 Jul 2017 11:53

Tgt Ion: 107 Resp: 269090
Ion Ratio Lower Upper
107 100
108 89.5 71.0 111.0
77 91.1 90.5 130.5
79 27.7 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

Instrument :

BNA_F

ClientSampleId :

PB100537BS

Tot Ion:136 Resp: 417799

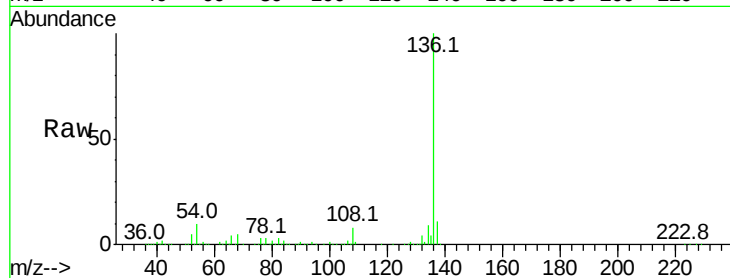
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.3 4.9 7.3#

68 5.0 4.1 6.1

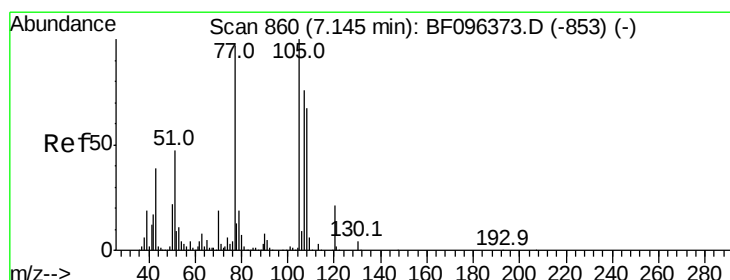
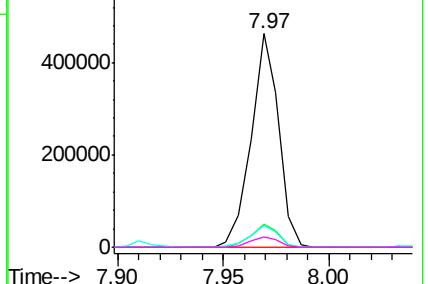
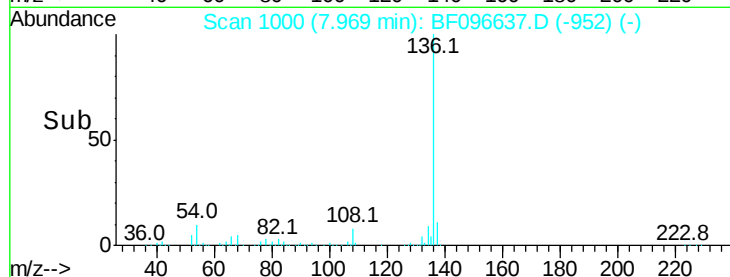


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.682 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

Tgt Ion:105 Resp: 362256

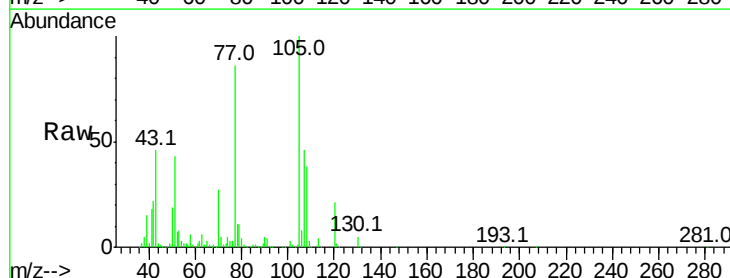
Ion Ratio Lower Upper

105 100

71 4.7 2.8 4.2#

51 42.7 30.7 46.1

120 21.2 17.4 26.0

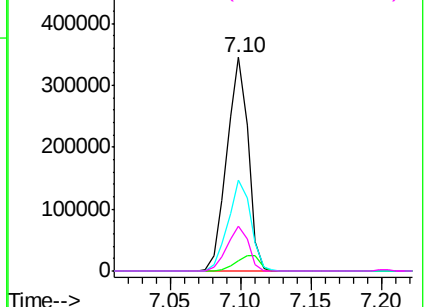
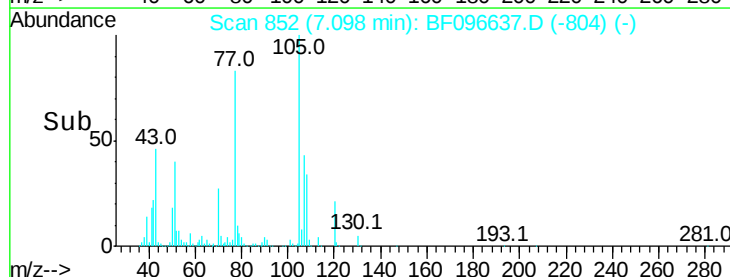


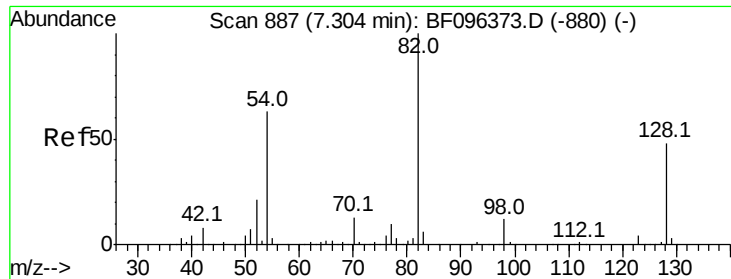
Abundance Ion 105.00 (104.70 to 105.70): E

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

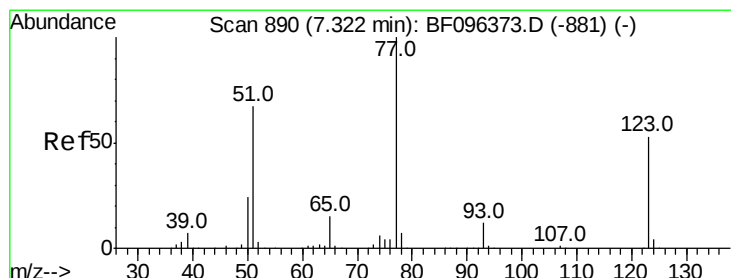
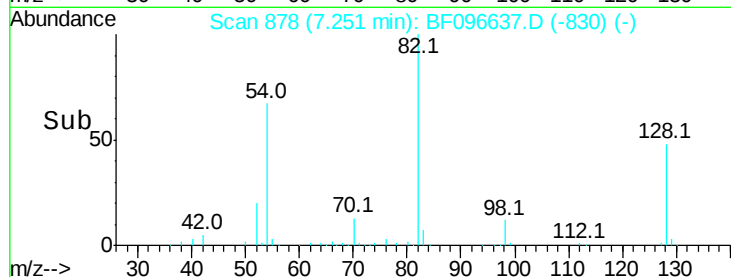
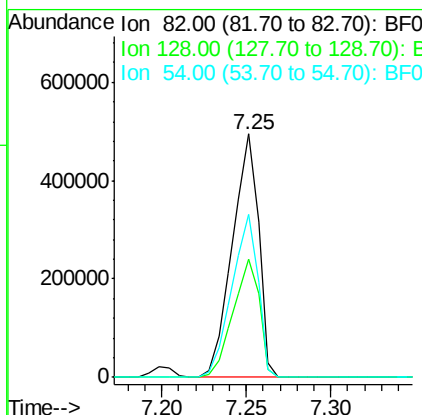
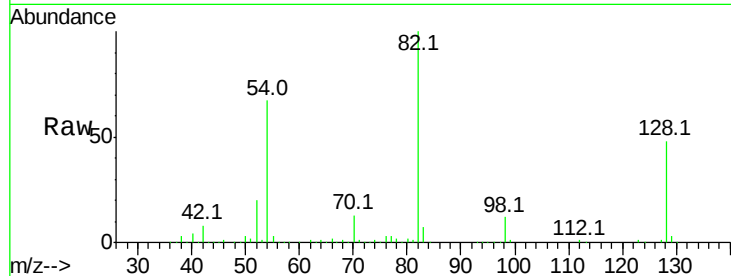




#23
 Nitrobenzene-d5
 Concen: 77.056 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

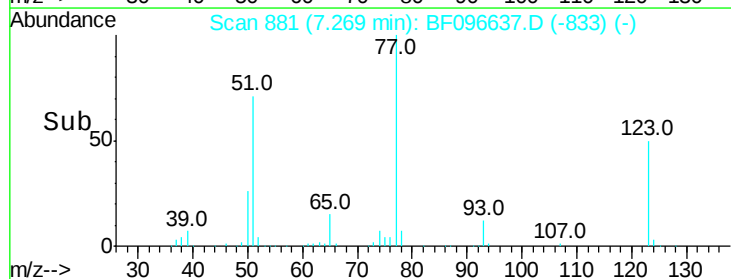
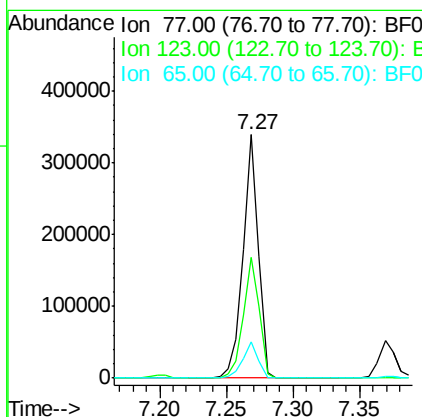
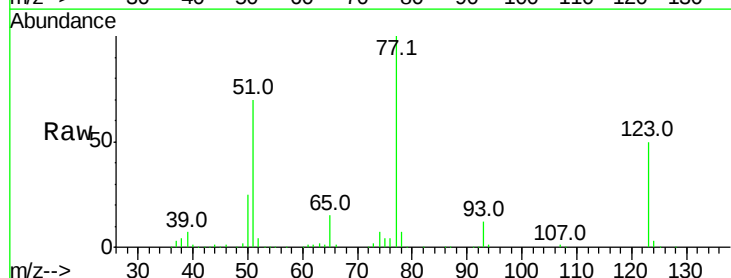
Instrument :
 BNA_F
 ClientSampleId :
 PB100537BS

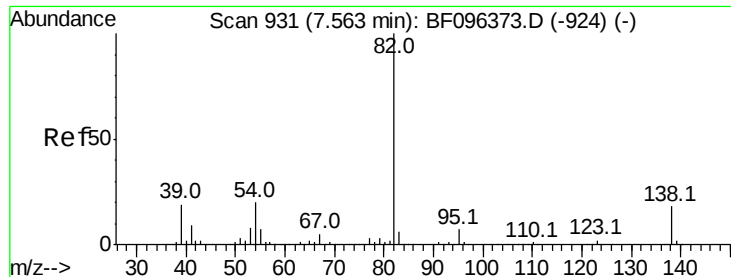
Tot Ion: 82 Resp: 535753
 Ion Ratio Lower Upper
 82 100
 128 48.3 34.0 51.0
 54 66.8 42.2 63.2#



#24
 Nitrobenzene
 Concen: 37.326 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

Tgt Ion: 77 Resp: 272251
 Ion Ratio Lower Upper
 77 100
 123 49.6 35.8 53.8
 65 15.0 10.6 15.8





#25

Isophorone

Concen: 36.928 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

Instrument :

BNA_F

ClientSampleId :

PB100537BS

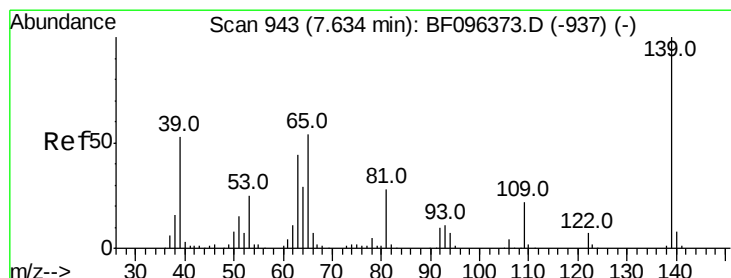
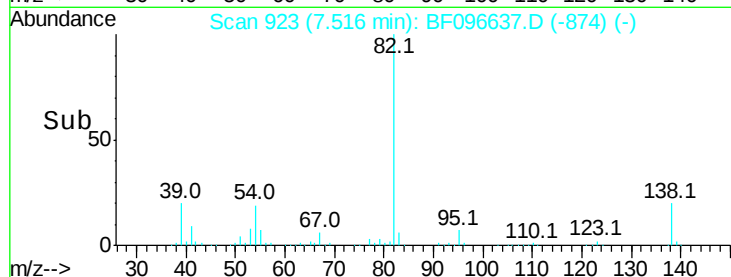
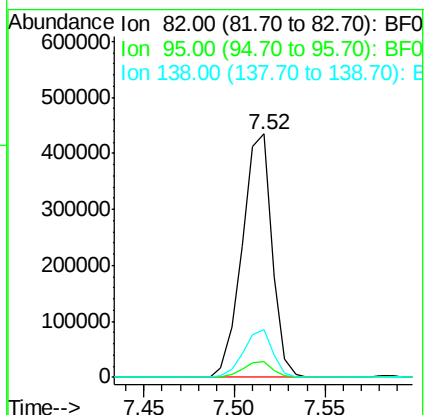
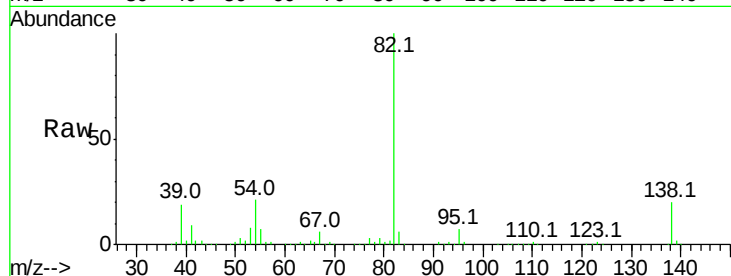
Tot Ion: 82 Resp: 497819

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.5 13.1 19.7



#26

2-Nitrophenol

Concen: 40.439 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

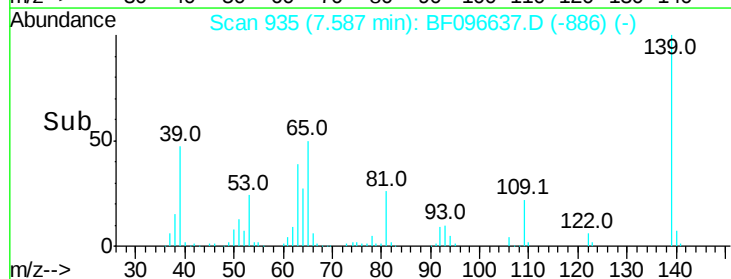
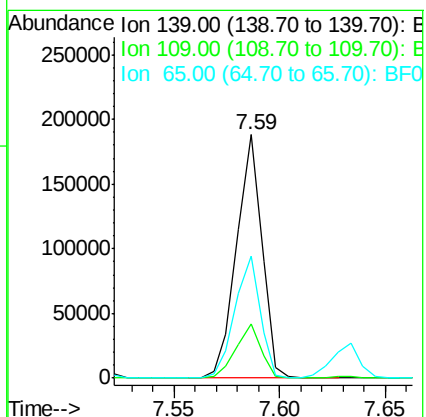
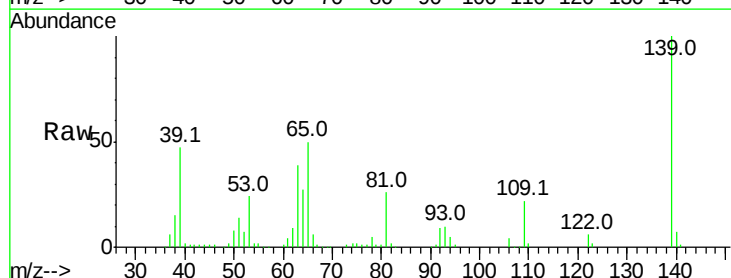
Tgt Ion:139 Resp: 156118

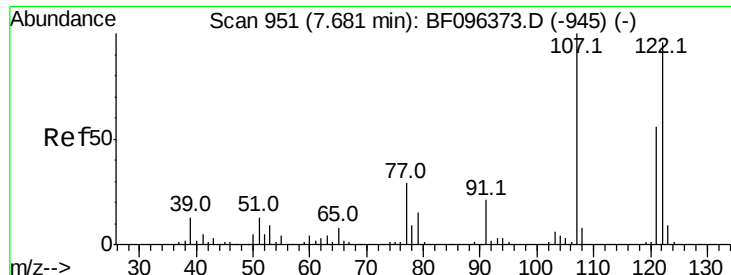
Ion Ratio Lower Upper

139 100

109 22.3 21.0 31.6

65 50.1 33.0 49.6#

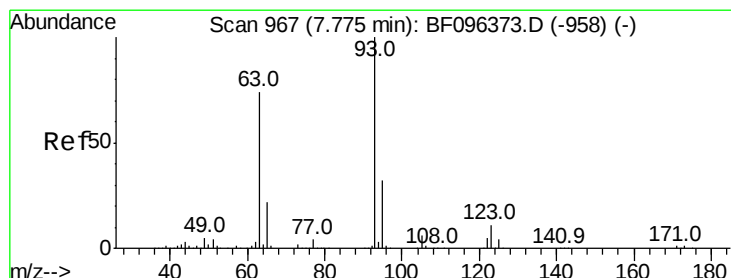
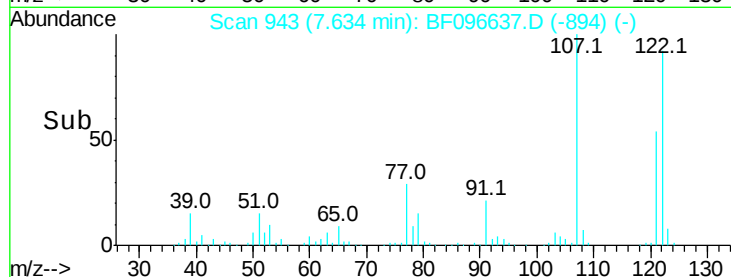
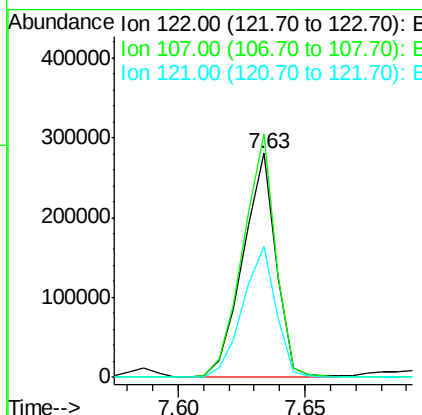
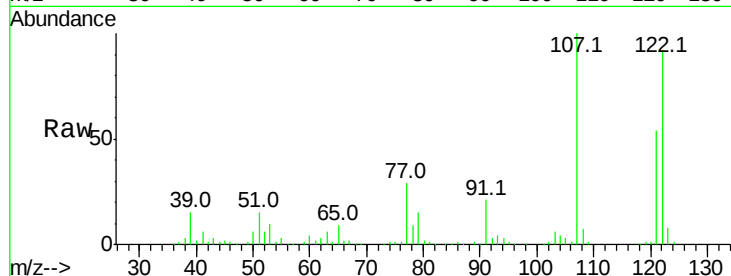




#27
 2,4-Dimethylphenol
 Concen: 38.813 ng
 RT: 7.63 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

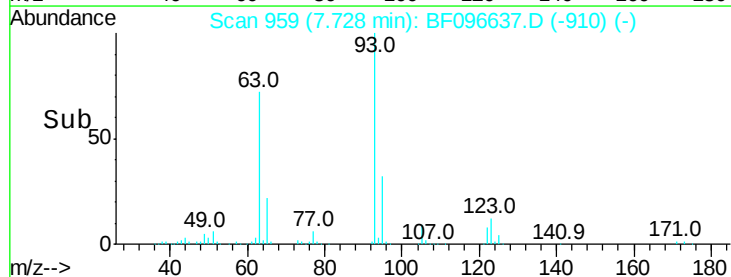
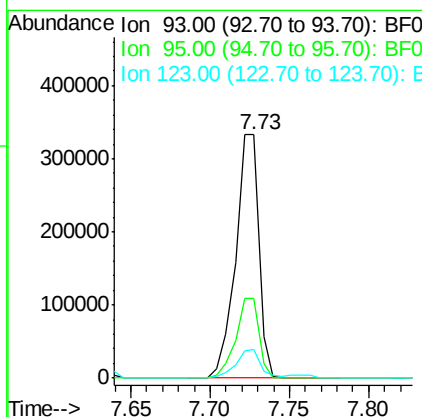
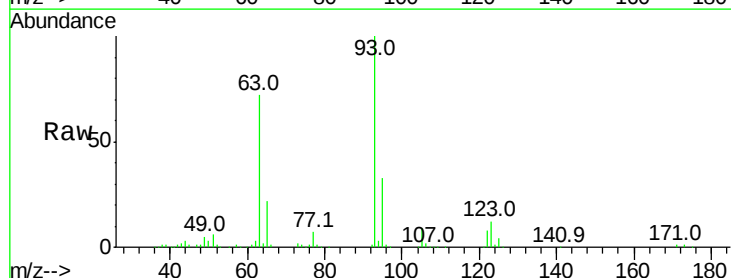
Instrument :
 BNA_F
 ClientSampleId :
 PB100537BS

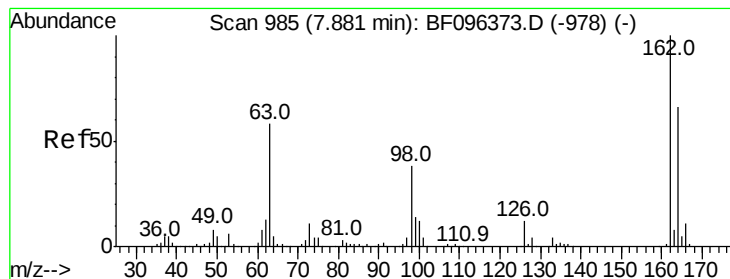
Tot Ion:122 Resp: 255140
 Ion Ratio Lower Upper
 122 100
 107 108.6 89.2 133.8
 121 58.5 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.002 ng
 RT: 7.73 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

Tgt Ion: 93 Resp: 338173
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.5 39.7
 123 11.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 41.233 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

Instrument :

BNA_F

ClientSampleId :

PB100537BS

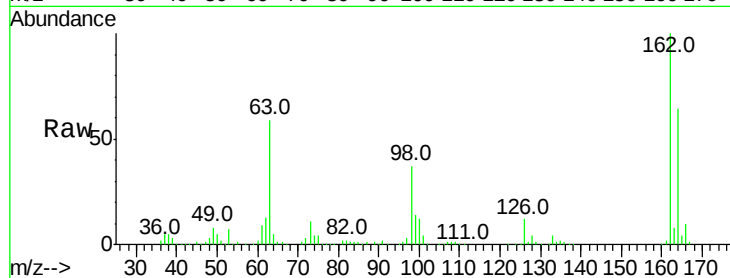
Tot Ion:162 Resp: 233859

Ion Ratio Lower Upper

162 100

164 64.1 44.6 84.6

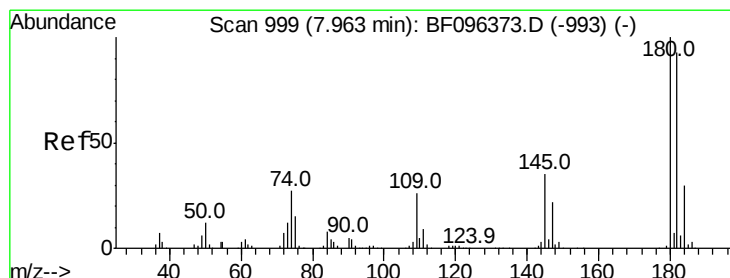
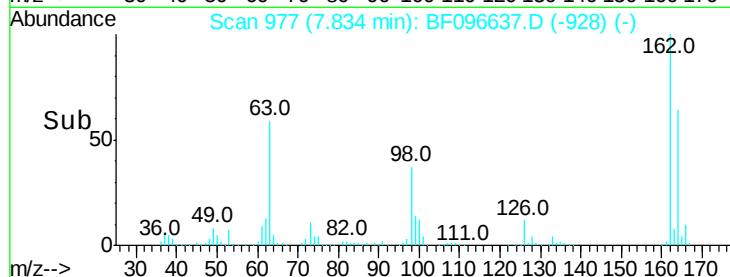
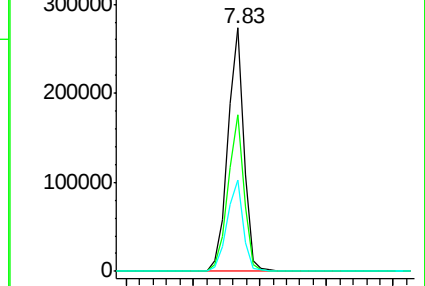
98 37.4 14.8 54.8



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: 41.239 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

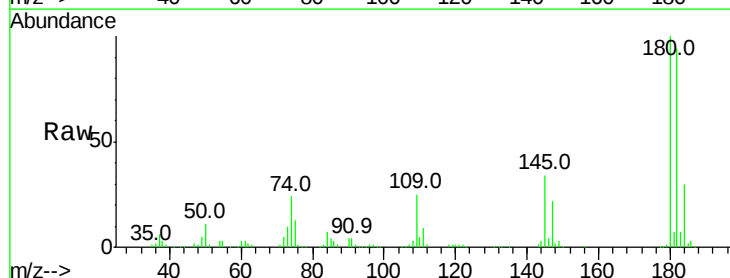
Tgt Ion:180 Resp: 220631

Ion Ratio Lower Upper

180 100

182 94.1 75.8 113.6

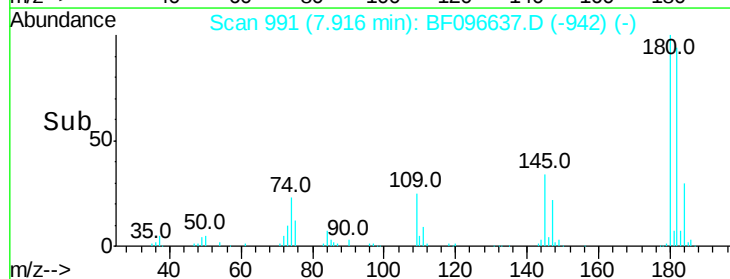
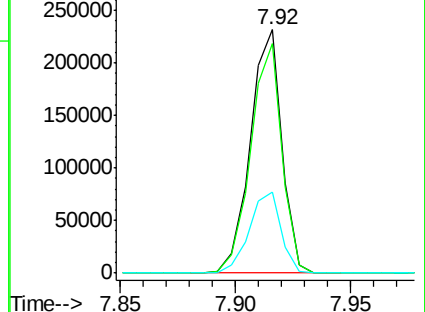
145 33.5 25.3 37.9

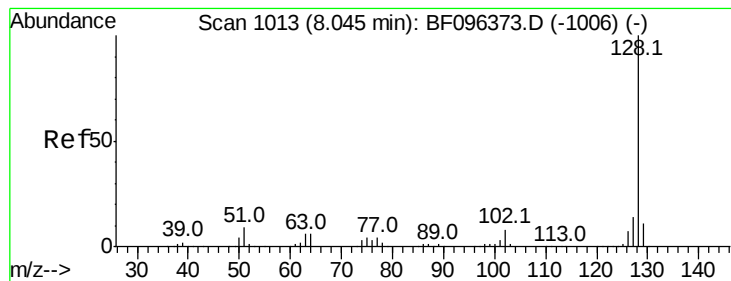


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.505 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

Instrument :

BNA_F

ClientSampleId :

PB100537BS

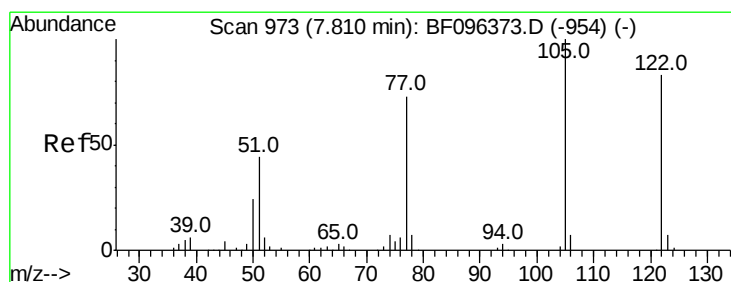
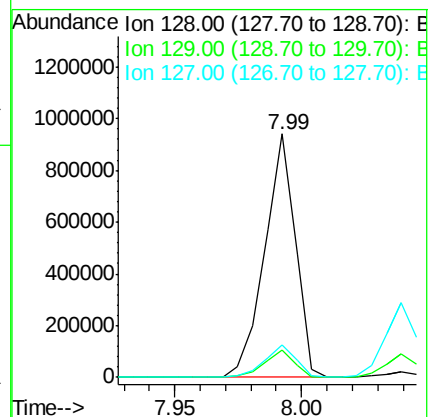
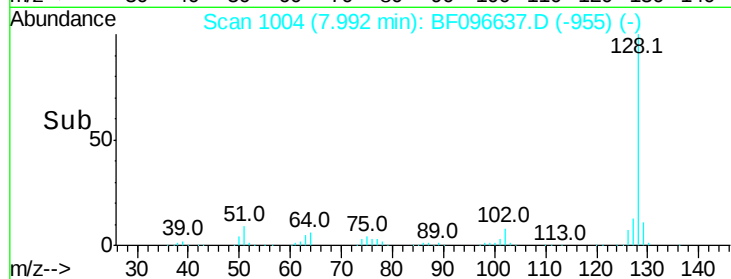
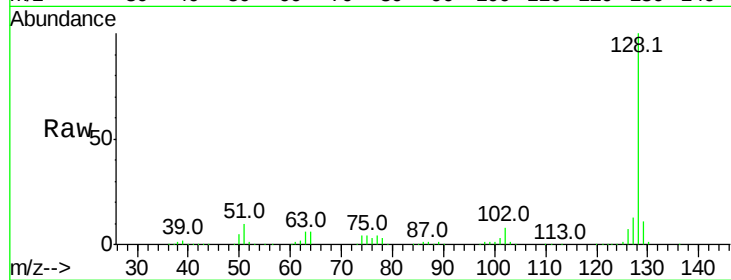
Tot Ion:128 Resp: 798919

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

127 13.1 10.8 16.2



#32

Benzoic acid

Concen: 27.002 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.03 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

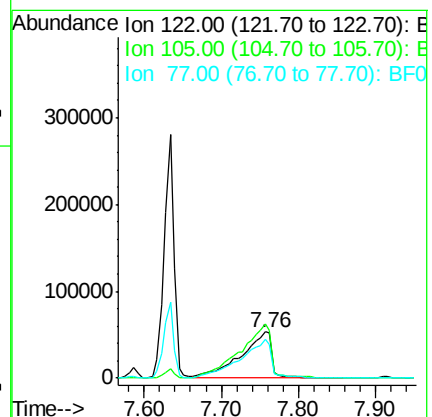
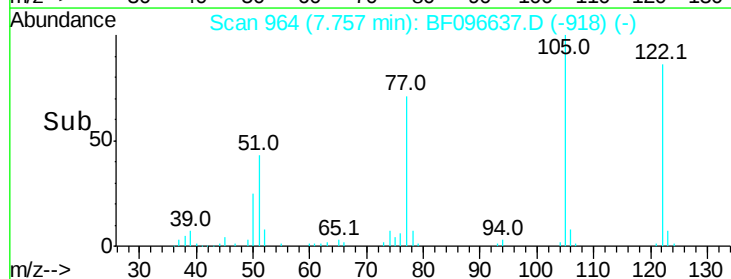
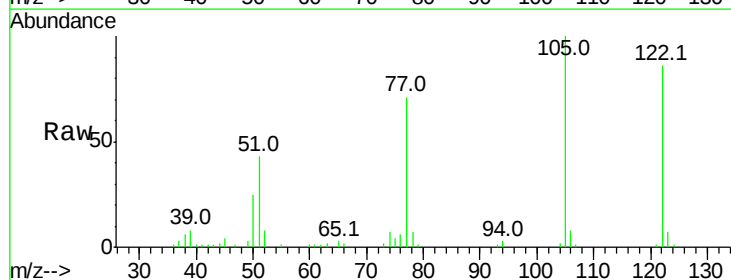
Tgt Ion:122 Resp: 149072

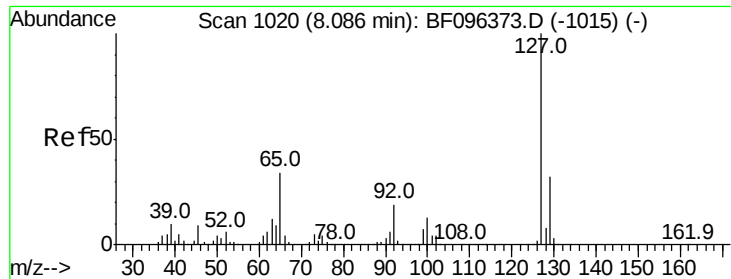
Ion Ratio Lower Upper

122 100

105 116.9 103.3 143.3

77 83.3 73.7 113.7

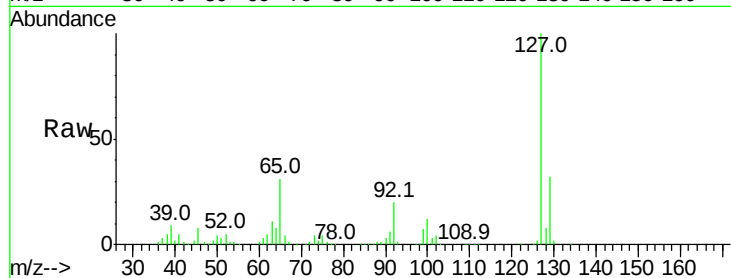




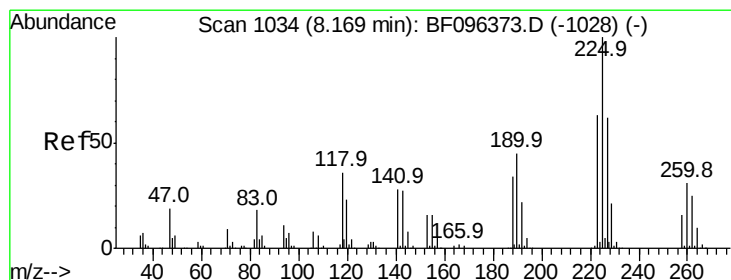
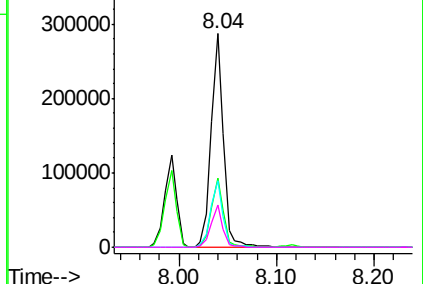
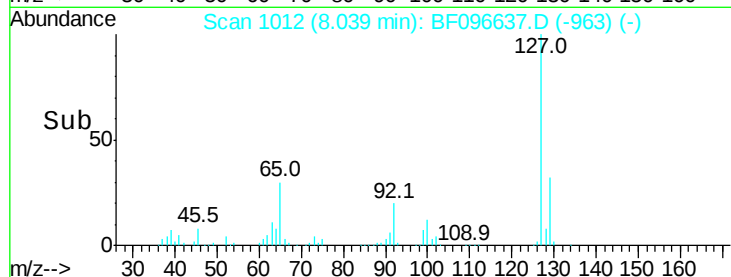
#33
4-Chloroaniline
Concen: 30.823 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF096637.D
Acq: 11 Jul 2017 11:53

Instrument :
BNA_F
ClientSampleId :
PB100537BS

Tot Ion:	127	Resp:	252523
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	30.9	27.8	41.8
92	19.5	16.8	25.2

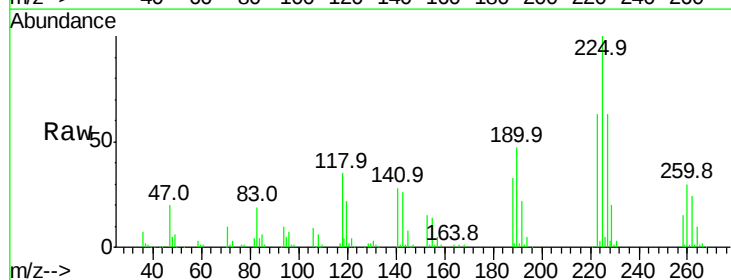


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

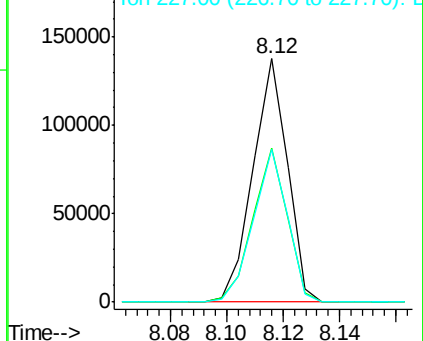
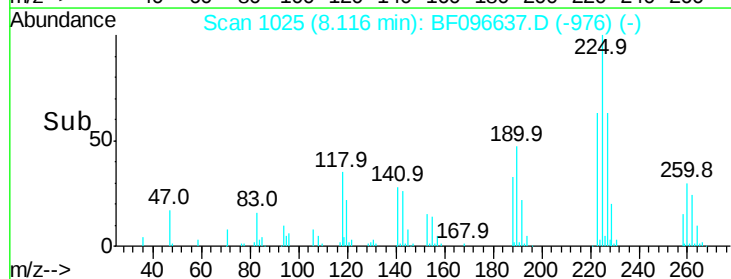


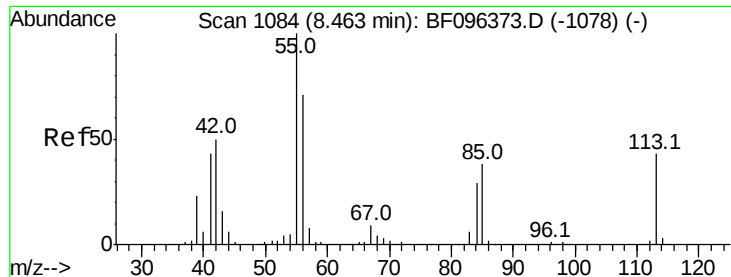
#34
Hexachlorobutadiene
Concen: 42.608 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF096637.D
Acq: 11 Jul 2017 11:53

Tgt Ion:	225	Resp:	116920
Ion	Ratio	Lower	Upper
225	100		
223	63.3	48.8	73.2
227	62.7	51.1	76.7



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





#35

Caprolactam

Concen: 27.246 ng

RT: 8.41 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

Instrument :

BNA_F

ClientSampleId :

PB100537BS

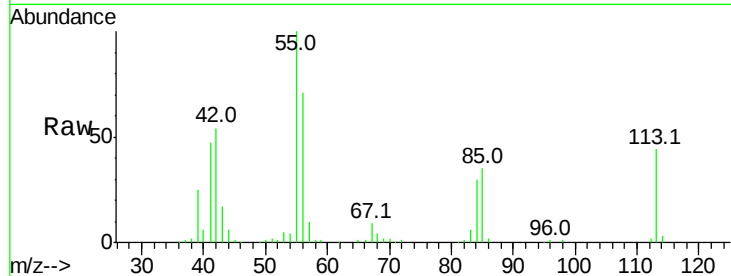
Tot Ion:113 Resp: 53287

Ion Ratio Lower Upper

113 100

55 228.7 150.2 190.2#

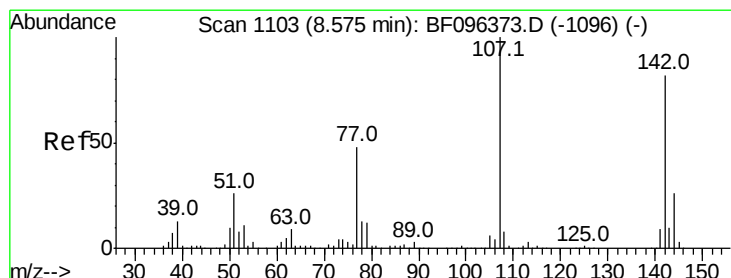
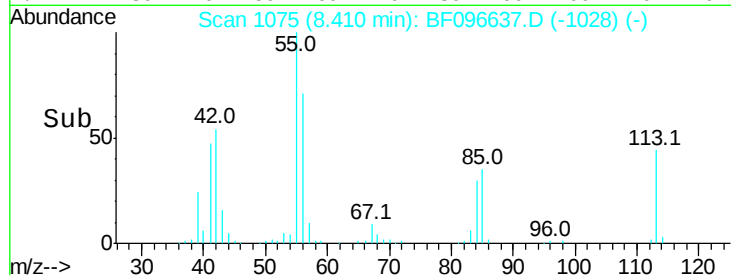
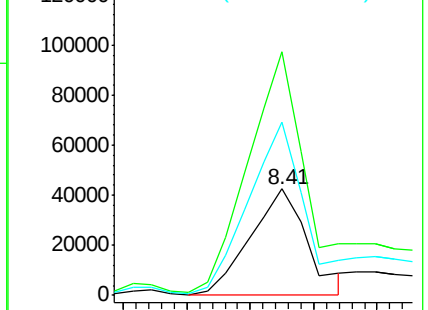
56 162.1 107.8 147.8#



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: 38.982 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

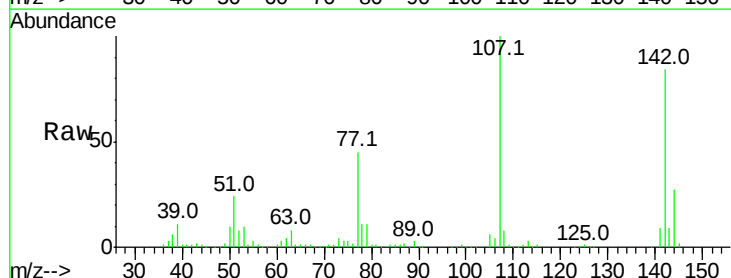
Tgt Ion:107 Resp: 244639

Ion Ratio Lower Upper

107 100

144 27.0 24.2 36.4

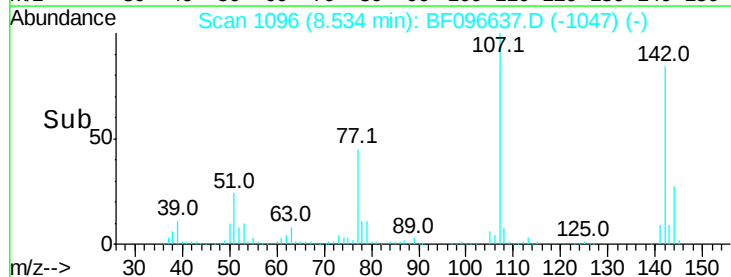
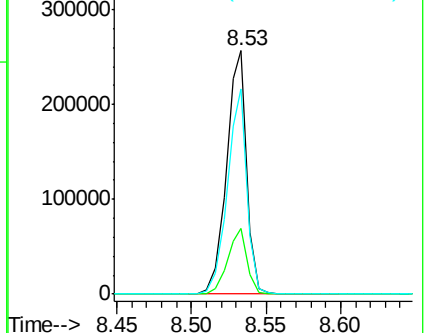
142 84.5 73.4 110.0

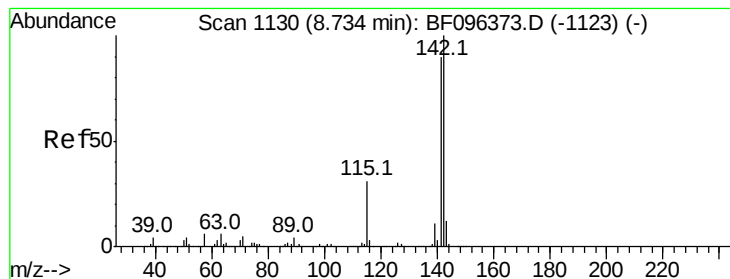


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.074 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.02 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

Instrument :

BNA_F

ClientSampleId :

PB100537BS

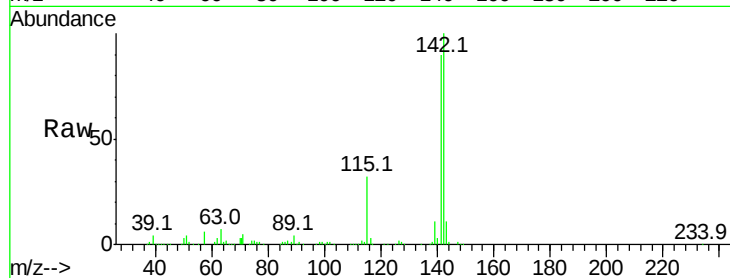
Tot Ion:142 Resp: 540802

Ion Ratio Lower Upper

142 100

141 90.2 71.3 106.9

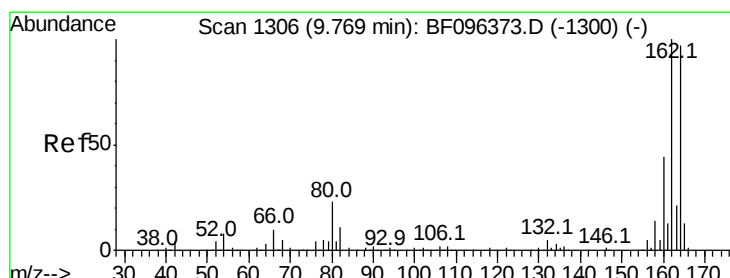
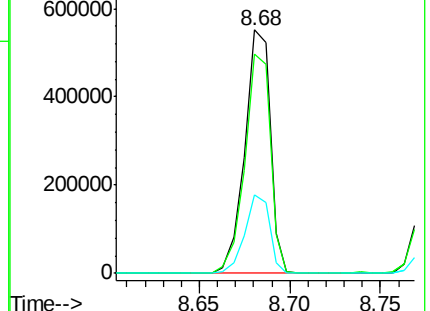
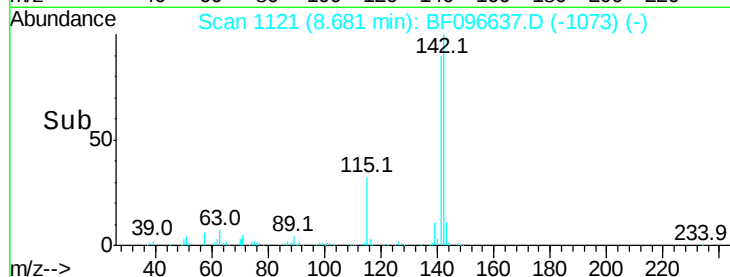
115 32.0 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

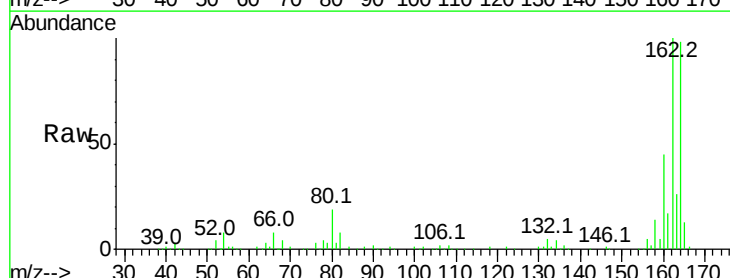
Tgt Ion:164 Resp: 179775

Ion Ratio Lower Upper

164 100

162 101.8 82.6 123.8

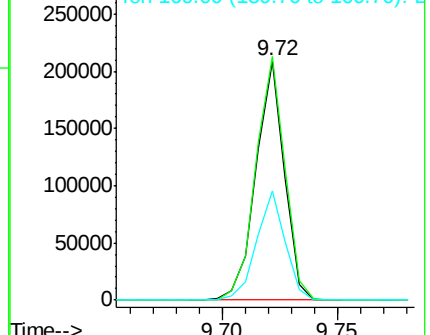
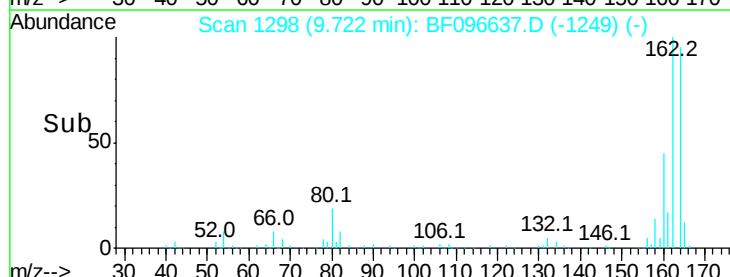
160 45.4 36.2 54.2

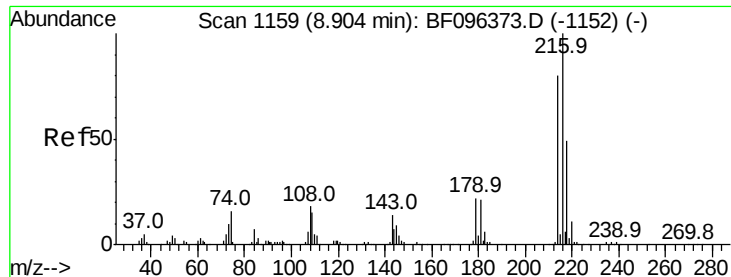


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

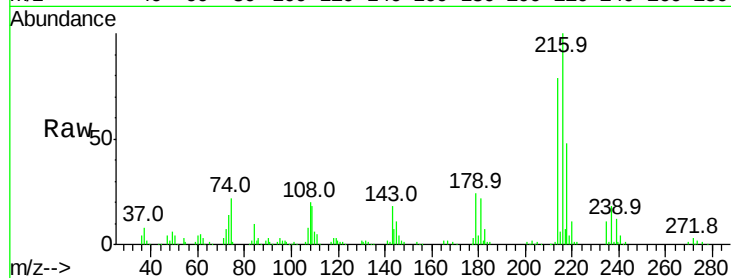




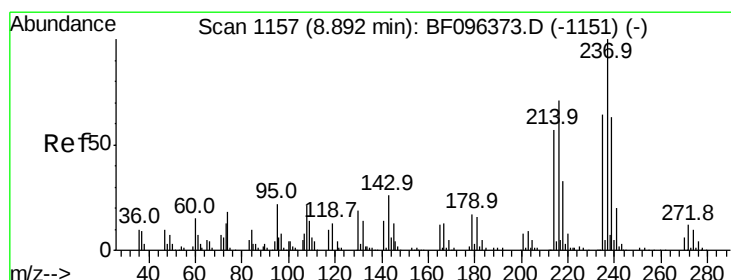
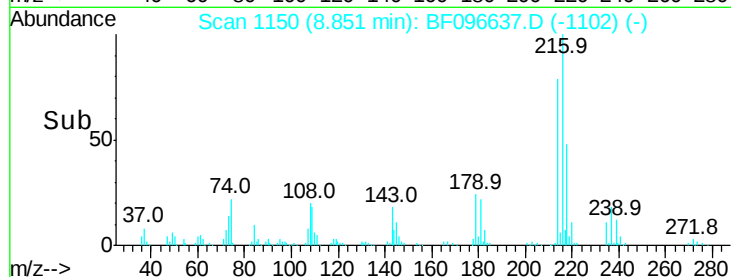
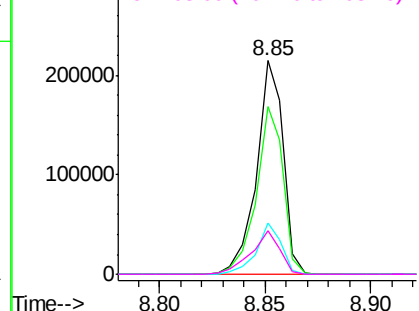
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.387 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB100537BS

Tot Ion:	216	Resp:	188522
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.2
179	22.5	17.9	26.9
108	22.2	16.5	24.7

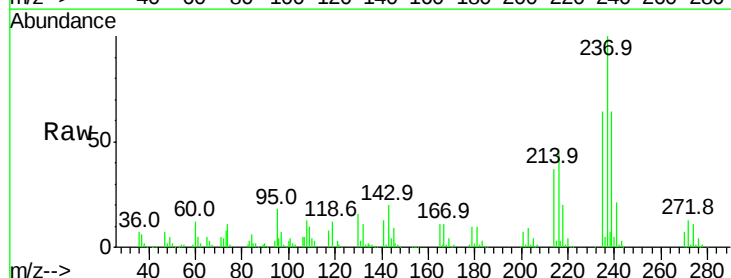


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

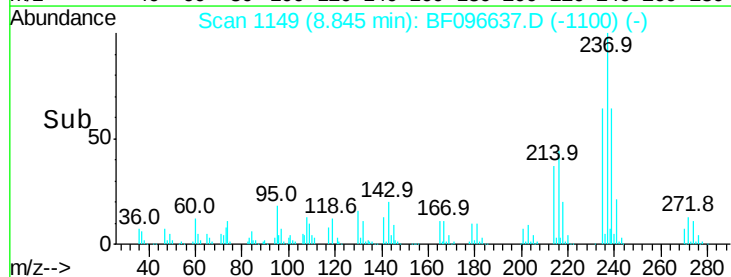
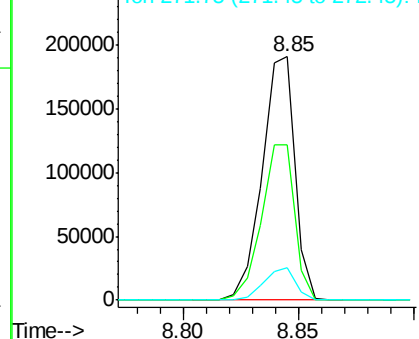


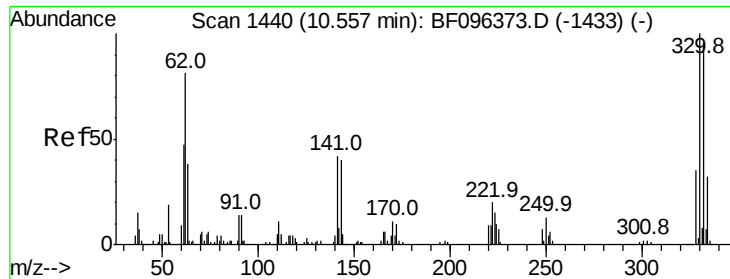
#40
 Hexachlorocyclopentadiene
 Concen: 83.473 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

Tgt Ion:	237	Resp:	189458
Ion	Ratio	Lower	Upper
237	100		
235	63.8	42.6	82.6
272	13.5	0.0	31.9



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

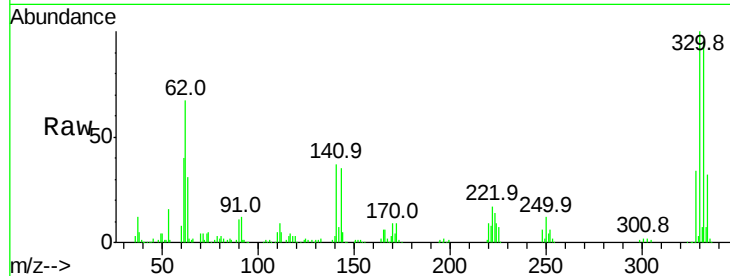




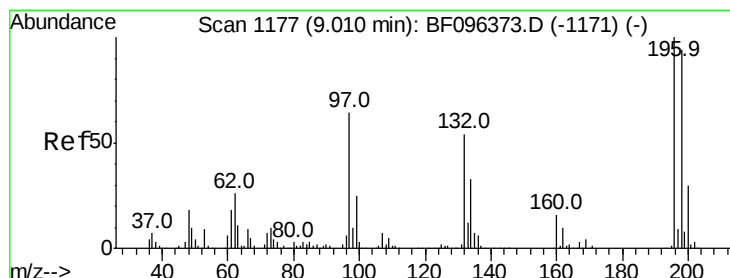
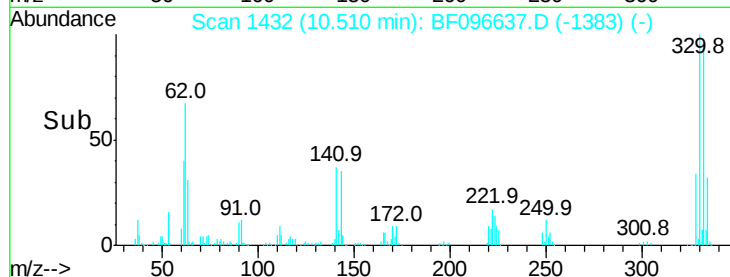
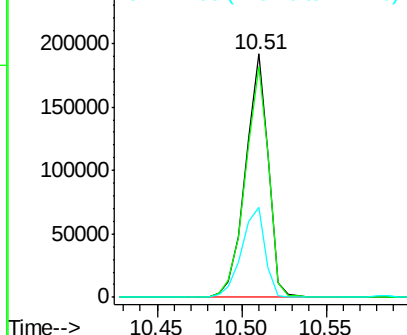
#41
 2,4,6-Tribromophenol
 Concen: 128.787 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB100537BS

Tot Ion:330 Resp: 180851
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 38.0 31.4 47.2

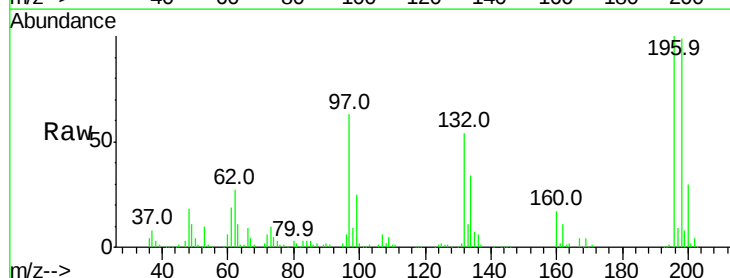


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

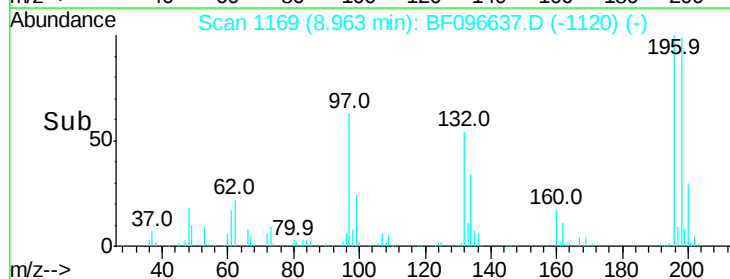
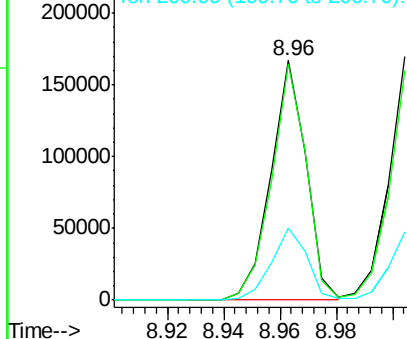


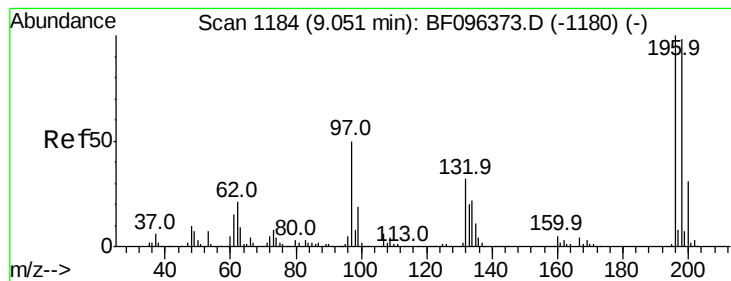
#42
 2,4,6-Trichlorophenol
 Concen: 39.153 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

Tgt Ion:196 Resp: 144578
 Ion Ratio Lower Upper
 196 100
 198 98.7 74.2 111.4
 200 30.1 24.0 36.0



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





#43

2,4,5-Trichlorophenol

Concen: 42.469 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

Instrument :

BNA_F

ClientSampleId :

PB100537BS

Tot Ion:196 Resp: 155059

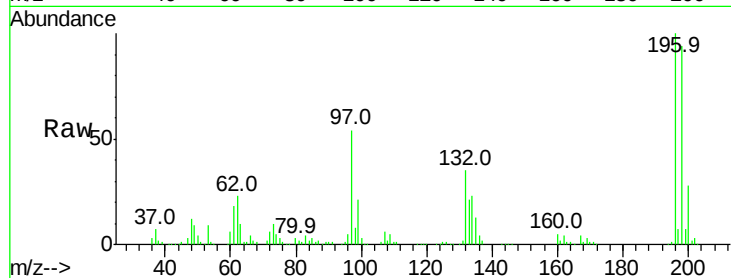
Ion Ratio Lower Upper

196 100

198 94.4 75.7 113.5

97 54.1 47.7 71.5

132 35.5 28.0 42.0

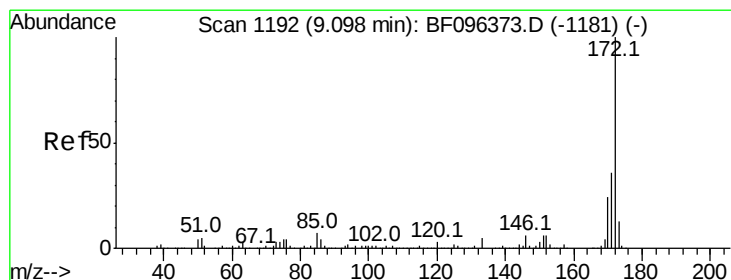
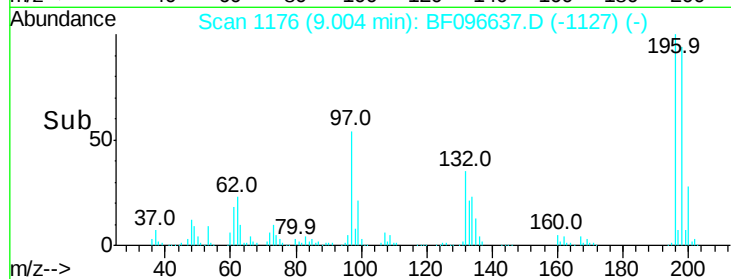
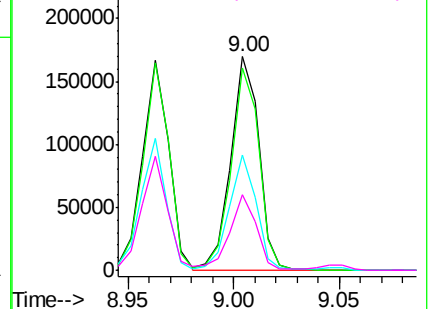


Abundance Ion 196.00 (195.70 to 196.70): E

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: 92.109 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

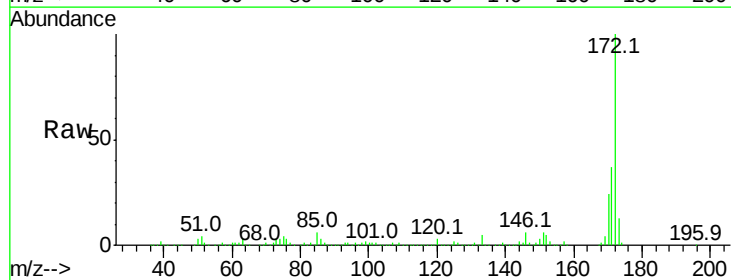
Tgt Ion:172 Resp: 968486

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

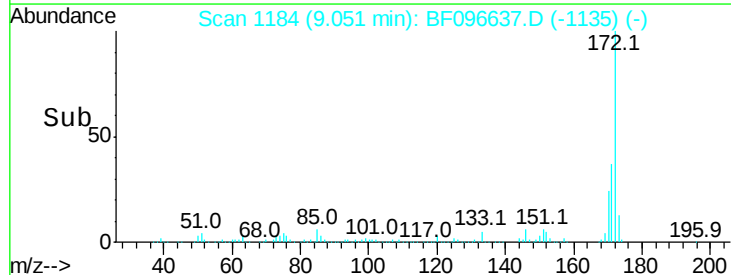
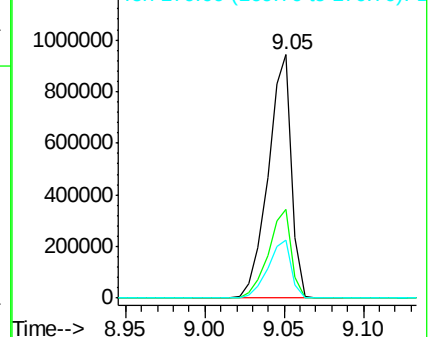
170 23.9 19.8 29.8

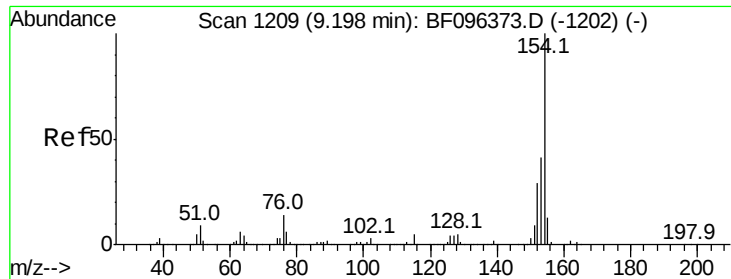


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.780 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

Instrument :

BNA_F

ClientSampleId :

PB100537BS

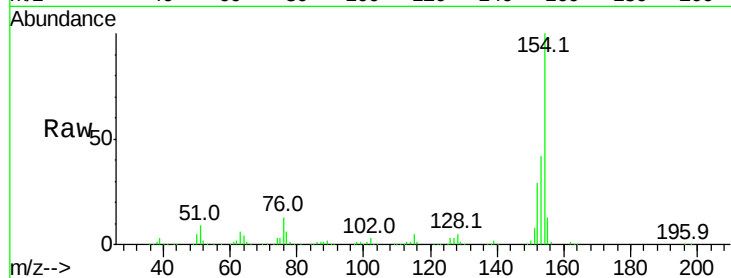
Tot Ion:154 Resp: 612751

Ion Ratio Lower Upper

154 100

153 41.7 21.2 61.2

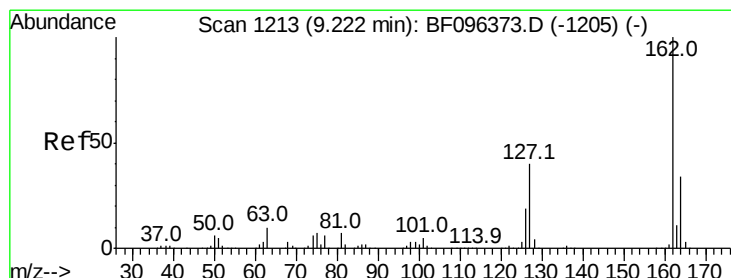
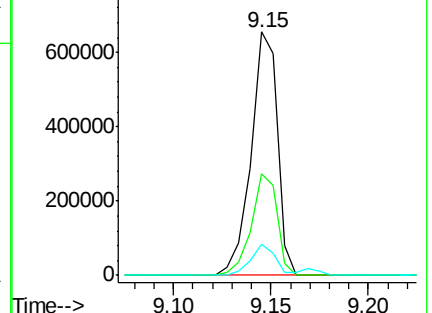
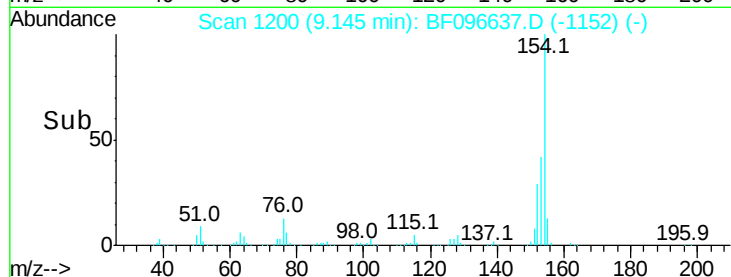
76 12.8 0.0 29.9



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: 41.423 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

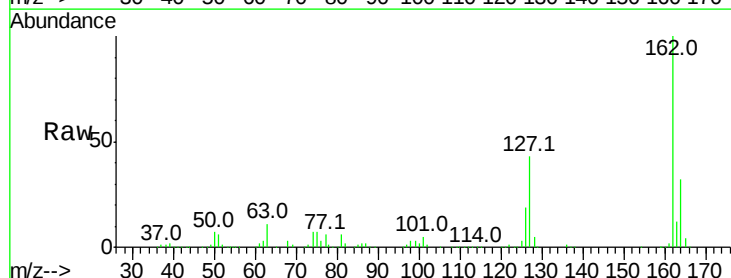
Tgt Ion:162 Resp: 475506

Ion Ratio Lower Upper

162 100

127 42.9 28.3 42.5#

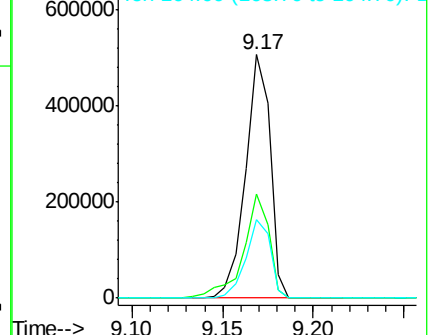
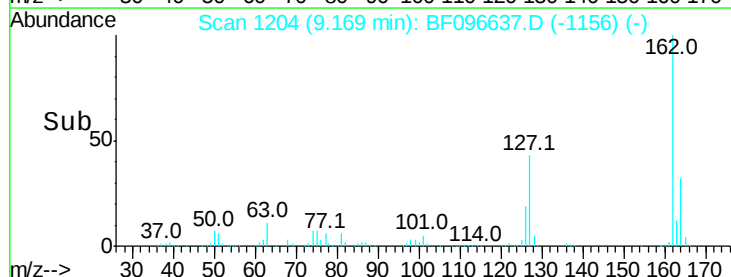
164 32.5 27.0 40.4

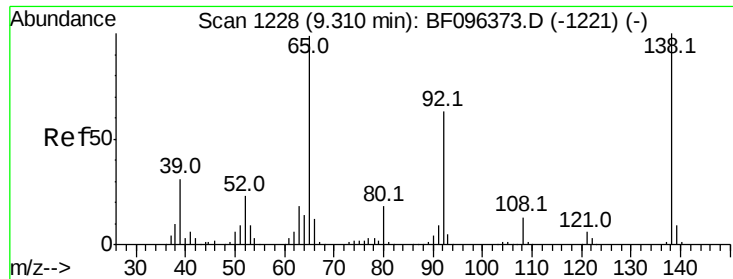


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

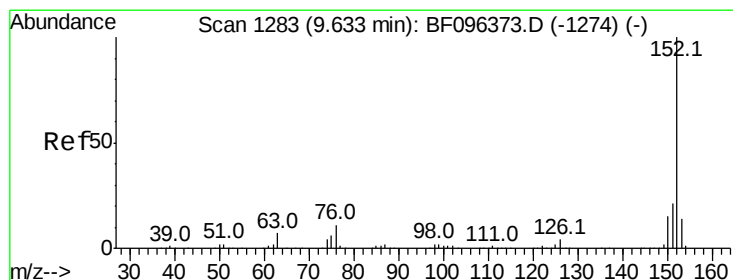
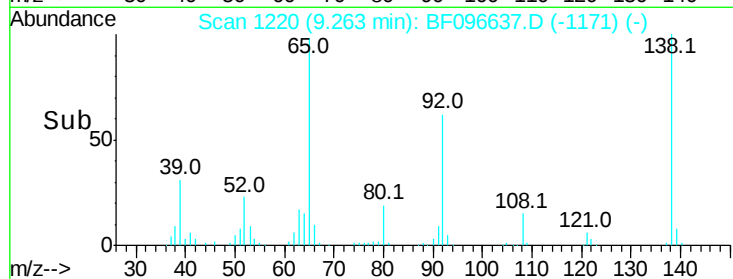
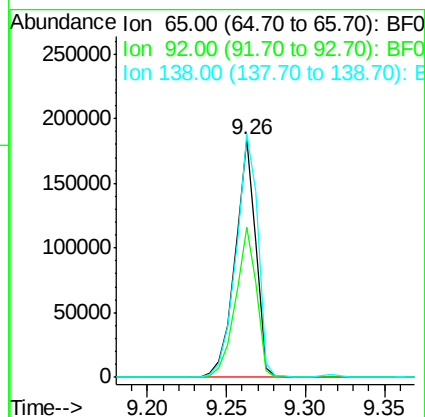
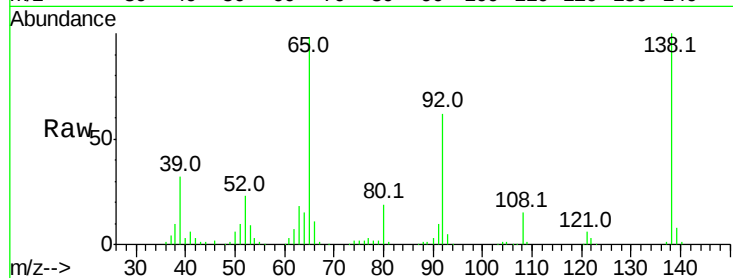




#47
2-Nitroaniline
Concen: 39.469 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF096637.D
Acq: 11 Jul 2017 11:53

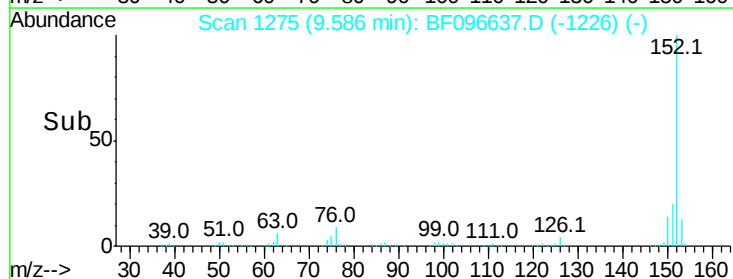
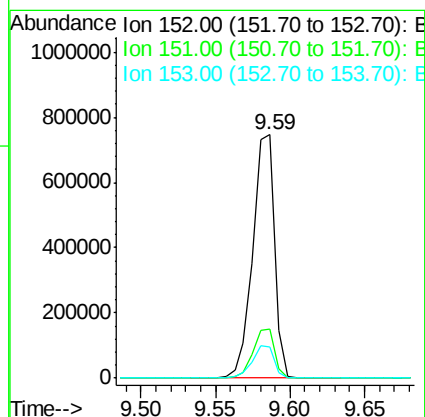
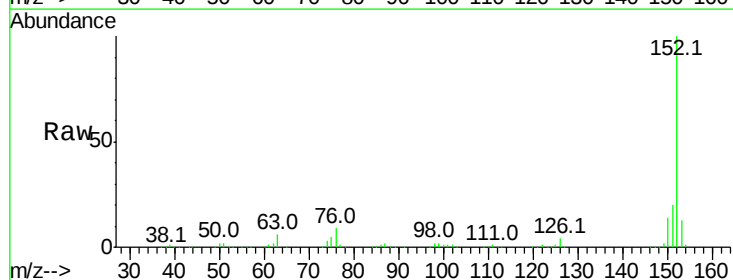
Instrument :
BNA_F
ClientSampleId :
PB100537BS

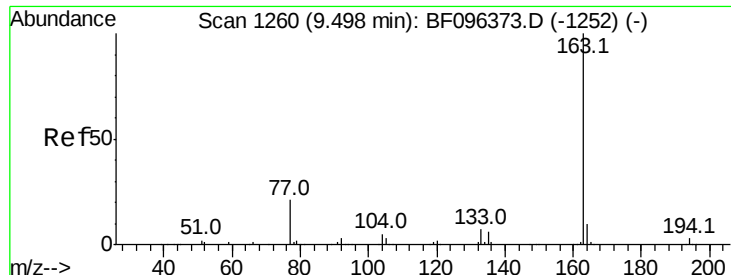
Tot Ion: 65 Resp: 164857
Ion Ratio Lower Upper
65 100
92 63.2 53.9 80.9
138 102.2 78.8 118.2



#48
Acenaphthylene
Concen: 41.145 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF096637.D
Acq: 11 Jul 2017 11:53

Tgt Ion: 152 Resp: 748400
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 12.6 10.8 16.2

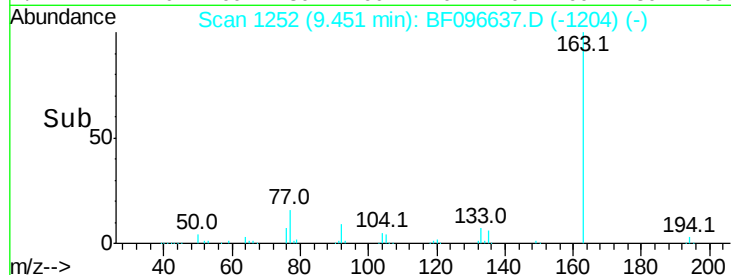
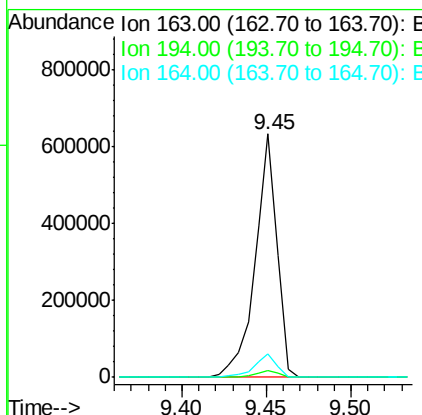
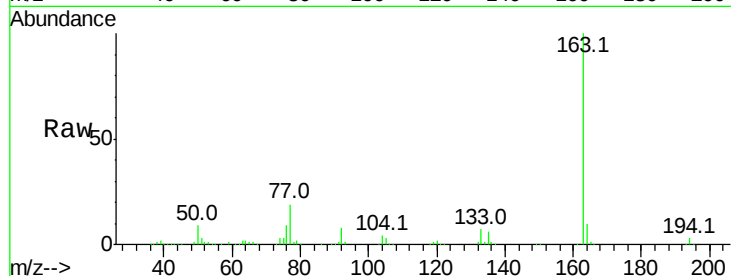




#49
Dimethylphthalate
Concen: 42.405 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096637.D
Acq: 11 Jul 2017 11:53

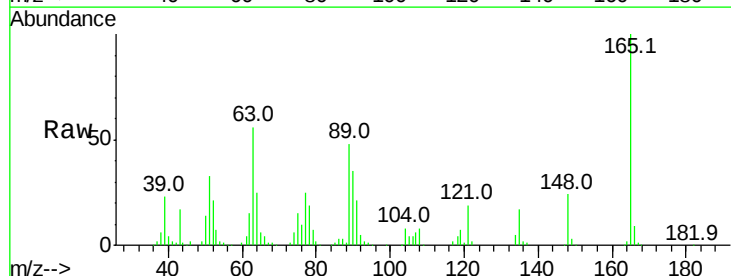
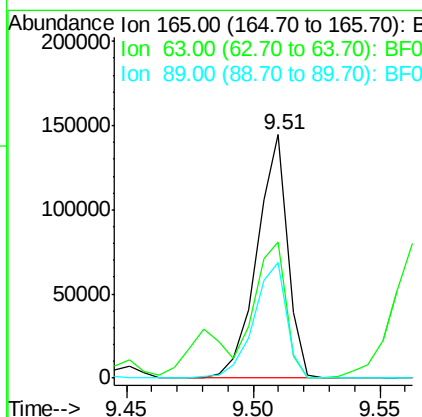
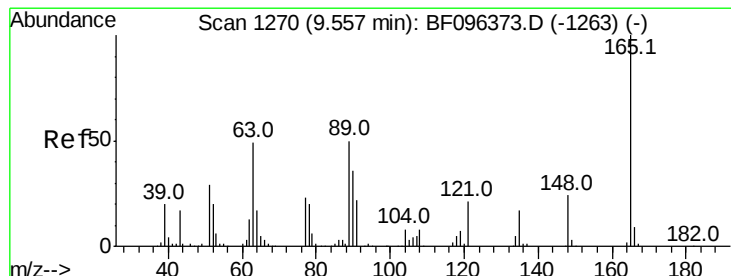
Instrument :
BNA_F
ClientSampleId :
PB100537BS

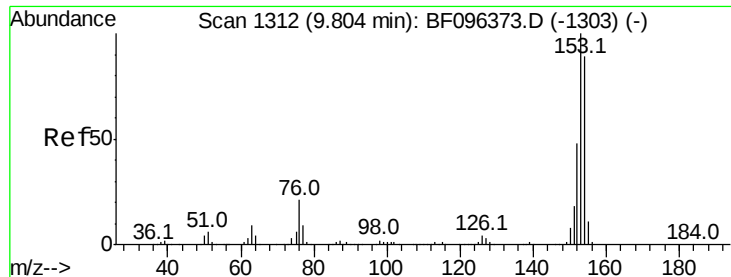
Tot Ion:163 Resp: 569087
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.7 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 41.195 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF096637.D
Acq: 11 Jul 2017 11:53

Tgt Ion:165 Resp: 122256
Ion Ratio Lower Upper
165 100
63 56.1 34.3 51.5#
89 47.6 37.1 55.7





#51

Acenaphthene

Concen: 38.737 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

Instrument :

BNA_F

ClientSampleId :

PB100537BS

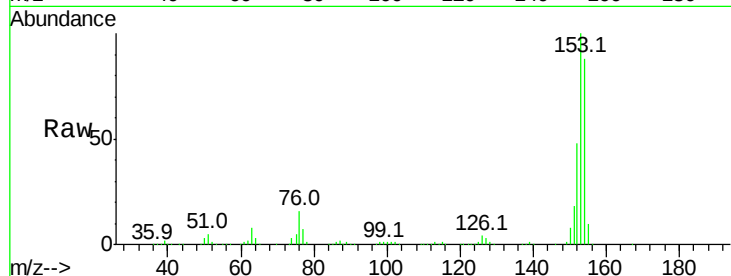
Tot Ion:154 Resp: 434318

Ion Ratio Lower Upper

154 100

153 114.1 90.5 135.7

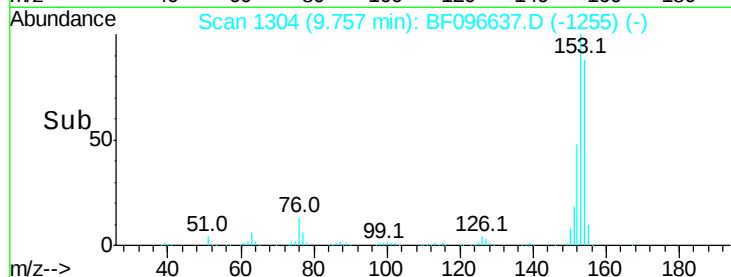
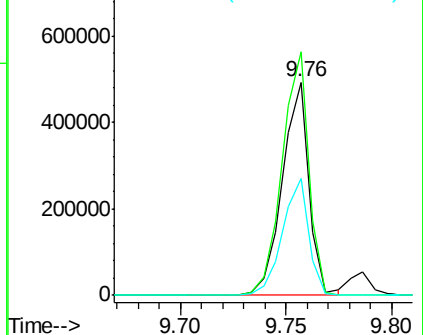
152 54.8 43.6 65.4



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: 29.644 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

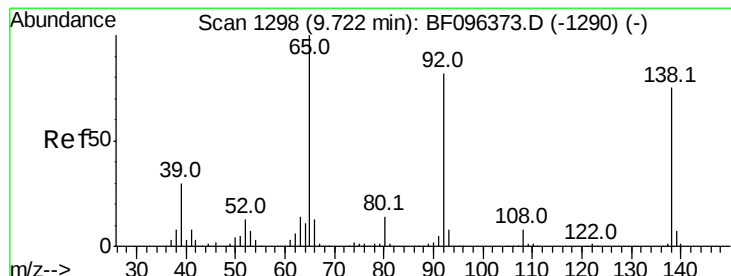
Tgt Ion:138 Resp: 109729

Ion Ratio Lower Upper

138 100

108 9.2 9.1 13.7

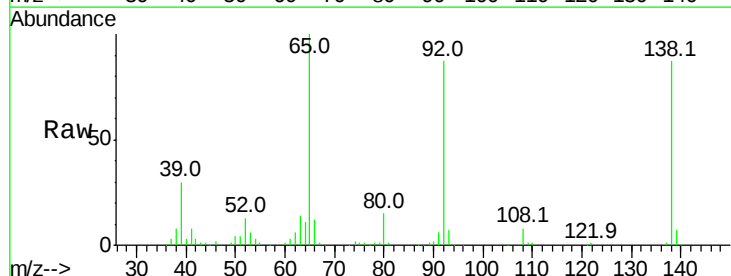
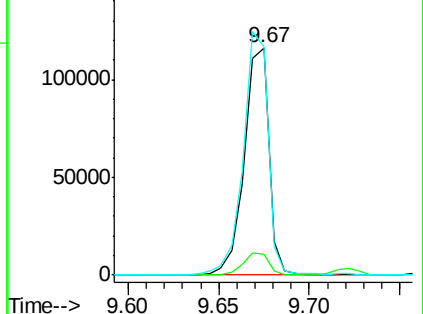
92 100.3 93.8 140.6



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

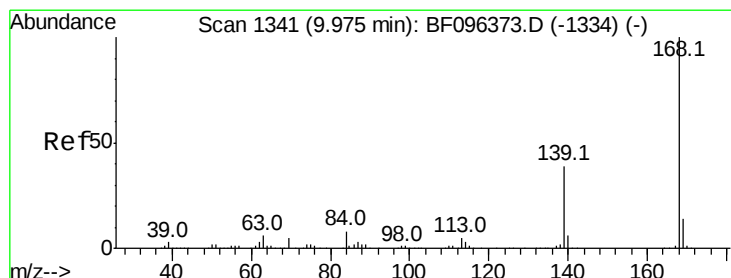
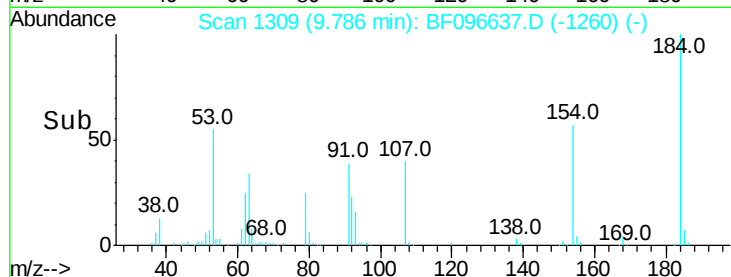
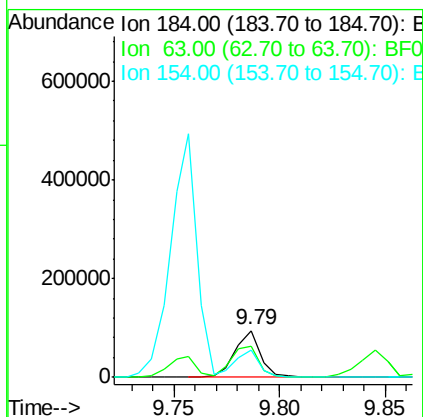
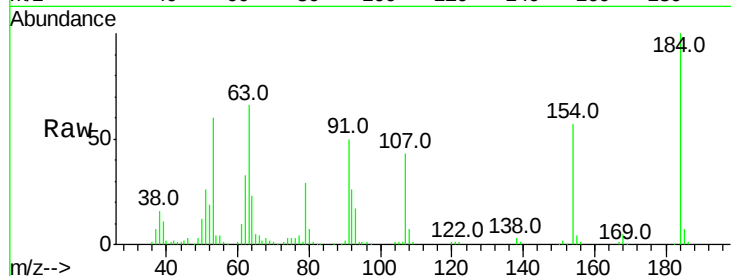




#53
 2,4-Dinitrophenol
 Concen: 50.360 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

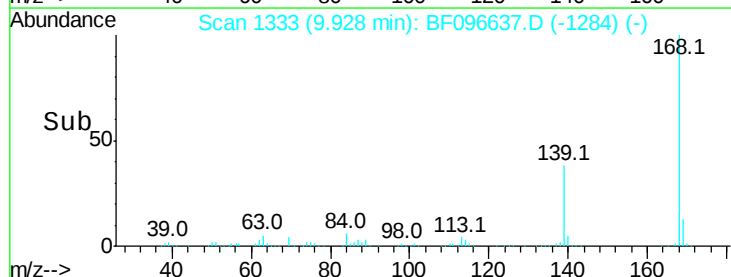
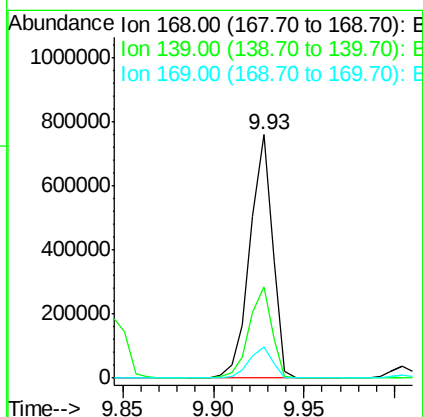
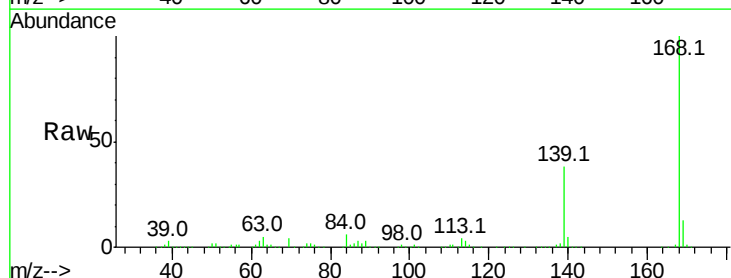
Instrument :
 BNA_F
 ClientSampleId :
 PB100537BS

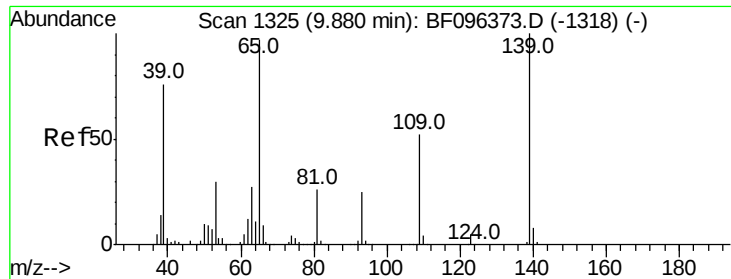
Tot Ion:184 Resp: 79380
 Ion Ratio Lower Upper
 184 100
 63 66.3 62.7 94.1
 154 57.0 81.1 121.7#



#54
 Dibenzofuran
 Concen: 44.646 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

Tgt Ion:168 Resp: 660894
 Ion Ratio Lower Upper
 168 100
 139 37.7 30.6 45.8
 169 12.9 10.8 16.2

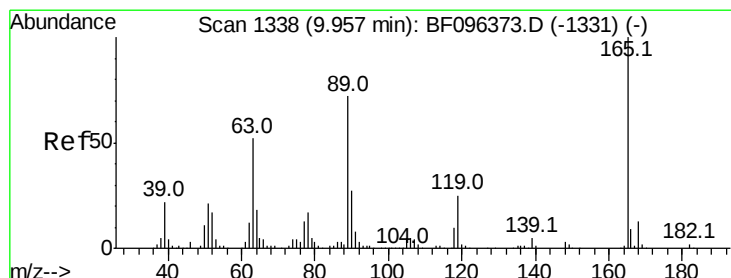
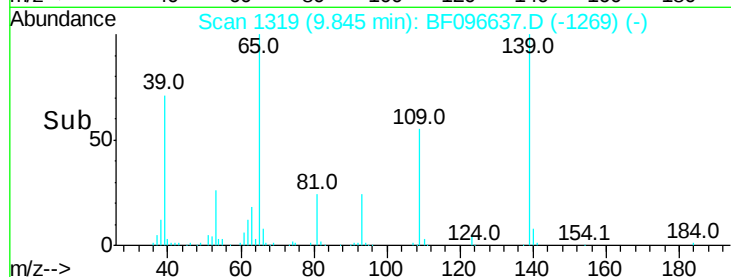
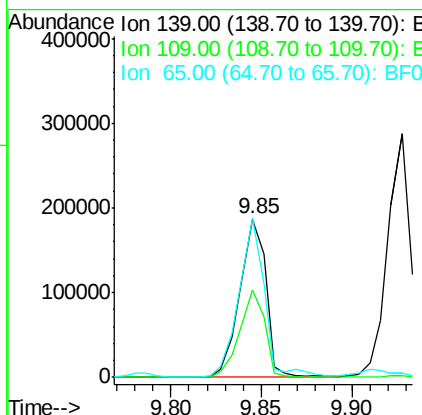
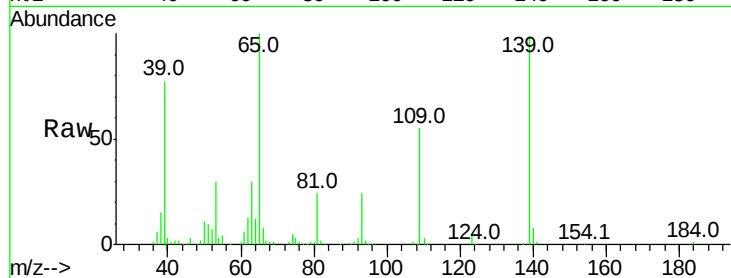




#55
4-Nitrophenol
Concen: 61.442 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF096637.D
Acq: 11 Jul 2017 11:53

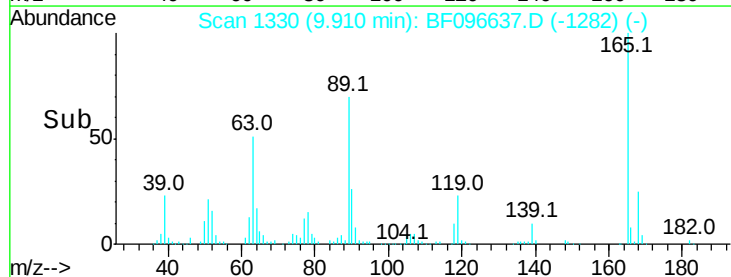
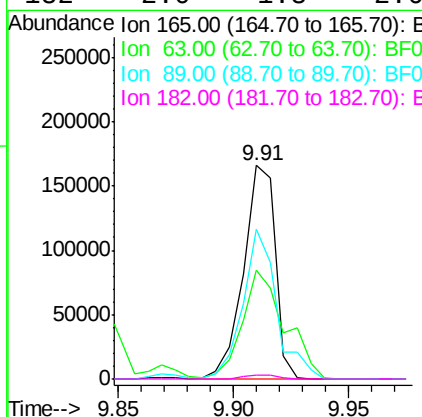
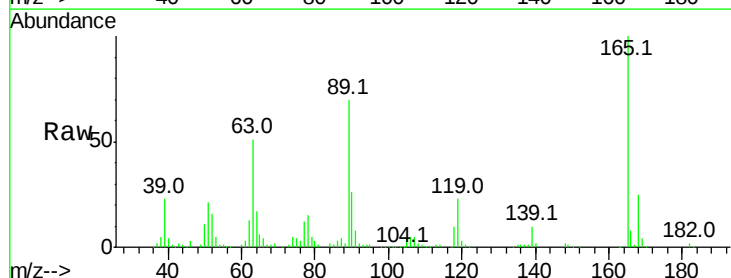
Instrument :
BNA_F
ClientSampleId :
PB100537BS

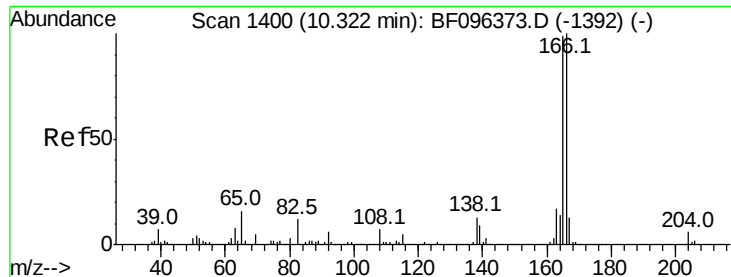
Tot Ion:139 Resp: 188504
Ion Ratio Lower Upper
139 100
109 55.0 34.1 74.1
65 100.7 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 42.771 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF096637.D
Acq: 11 Jul 2017 11:53

Tgt Ion:165 Resp: 160742
Ion Ratio Lower Upper
165 100
63 51.2 25.4 38.0#
89 70.1 46.4 69.6#
182 2.0 1.8 2.6

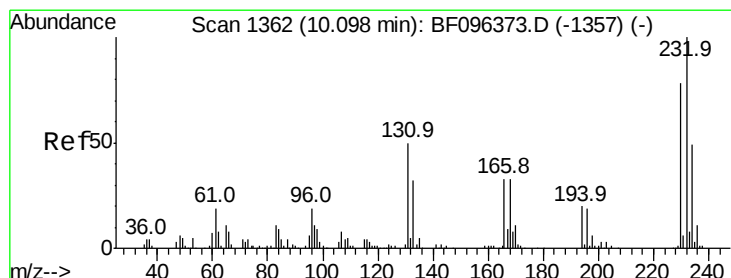
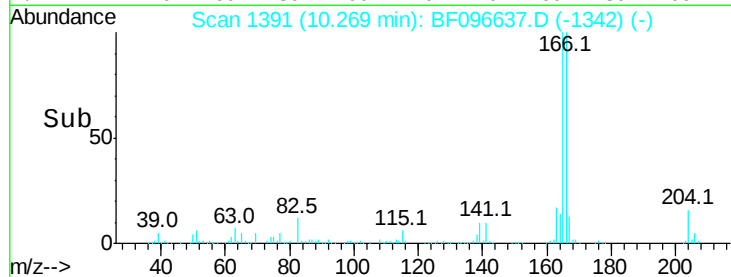
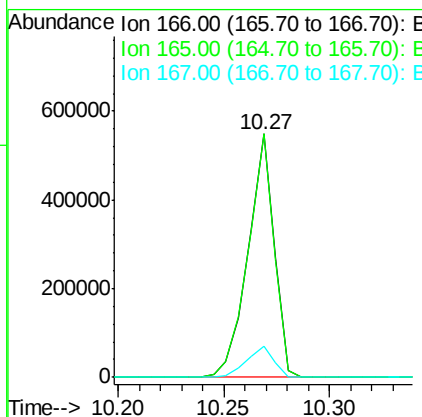
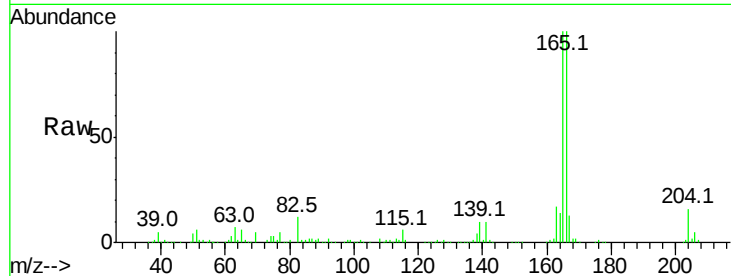




#57
 Fluorene
 Concen: 45.464 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

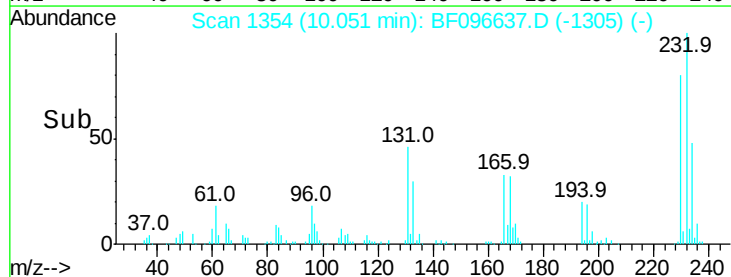
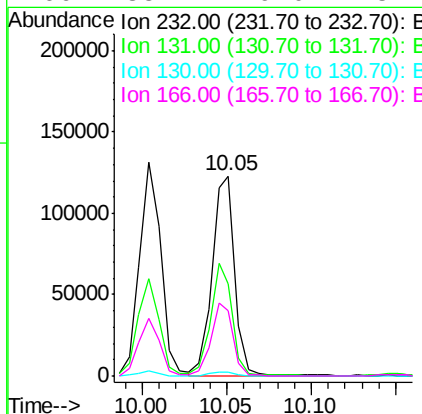
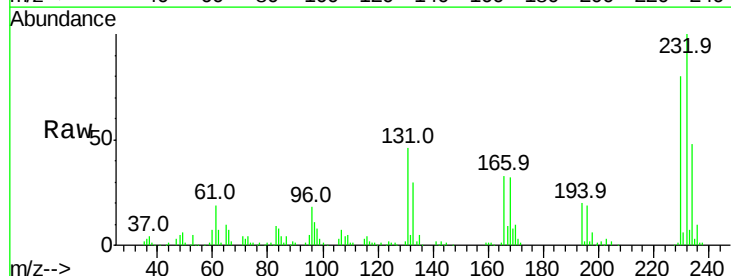
Instrument :
 BNA_F
 ClientSampleId :
 PB100537BS

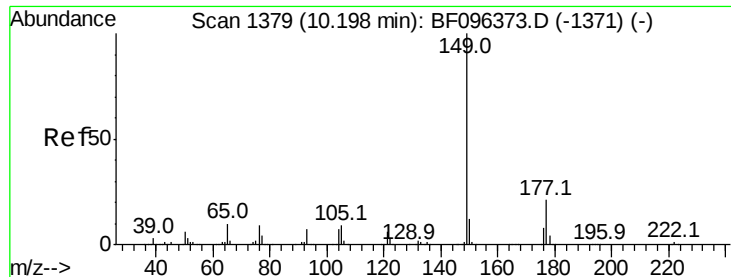
Tot Ion:166 Resp: 475309
 Ion Ratio Lower Upper
 166 100
 165 99.9 78.8 118.2
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.045 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

Tgt Ion:232 Resp: 116313
 Ion Ratio Lower Upper
 232 100
 131 53.3 44.8 67.2
 130 2.2 2.3 3.5#
 166 35.4 29.0 43.4

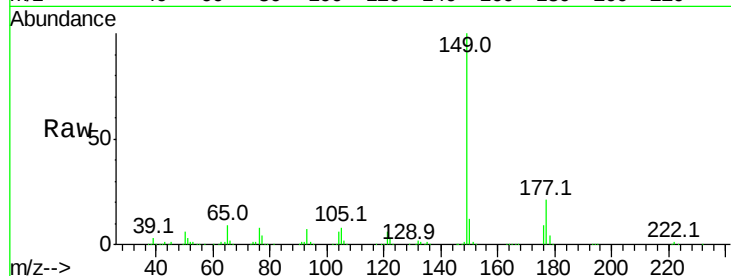




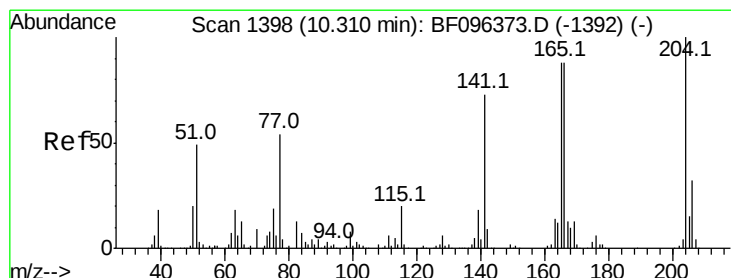
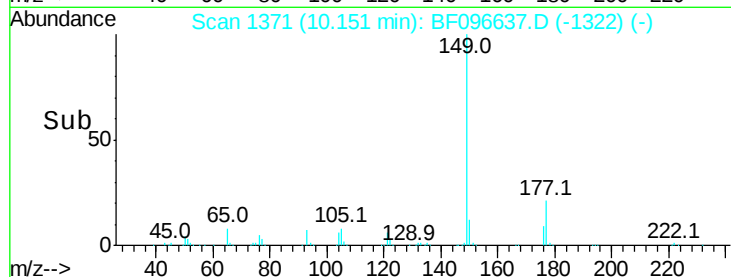
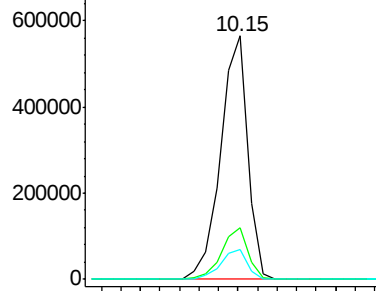
#59
Diethylphthalate
Concen: 42.644 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF096637.D
Acq: 11 Jul 2017 11:53

Instrument :
BNA_F
ClientSampleId :
PB100537BS

Tot Ion:149 Resp: 540943
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 12.2 10.2 15.2

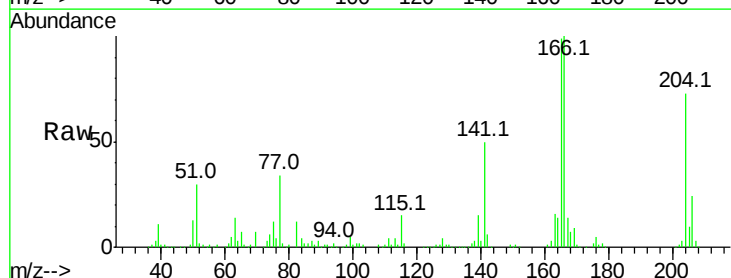


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

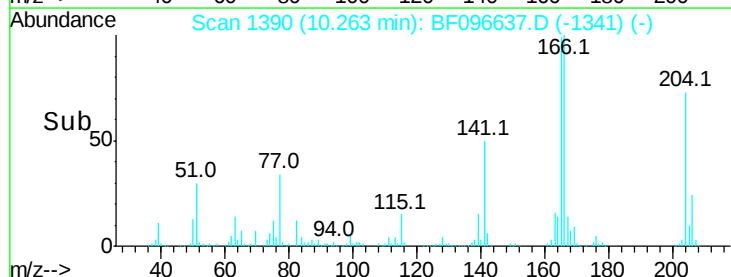
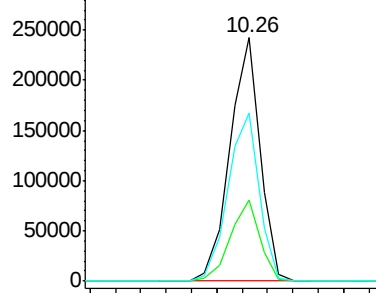


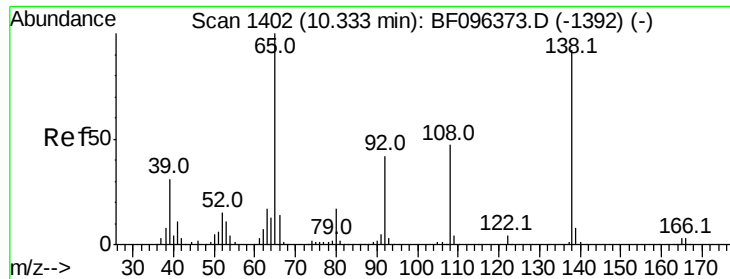
#60
4-Chlorophenyl-phenylether
Concen: 44.534 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF096637.D
Acq: 11 Jul 2017 11:53

Tgt Ion:204 Resp: 202575
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 69.0 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

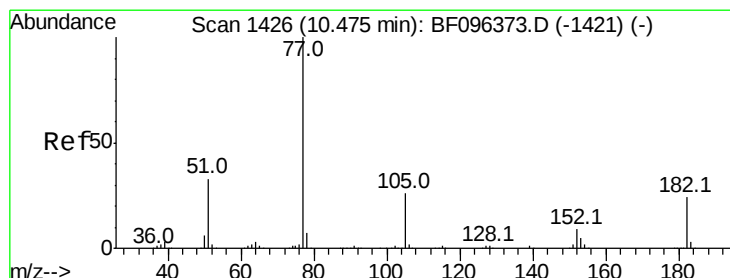
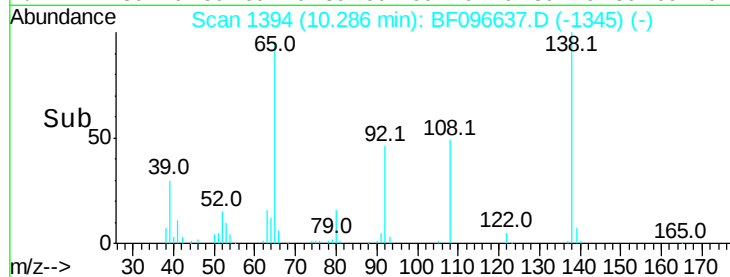
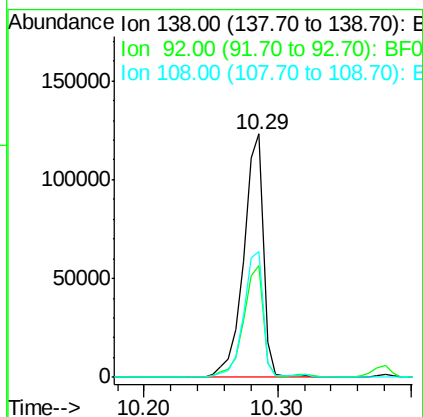
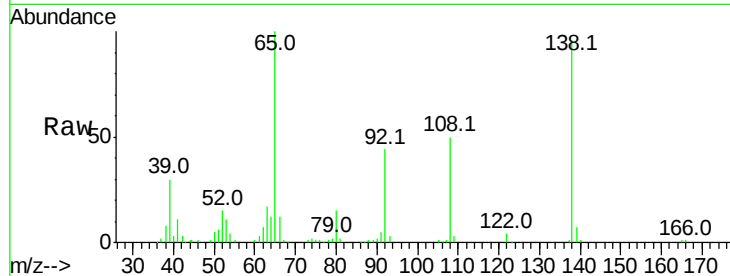




#61
4-Nitroaniline
Concen: 37.480 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF096637.D
Acq: 11 Jul 2017 11:53

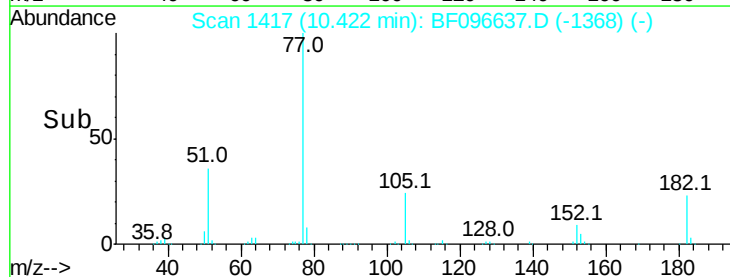
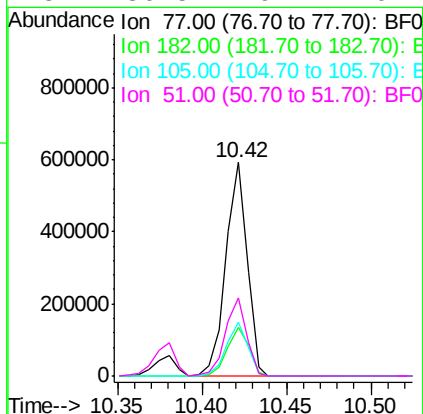
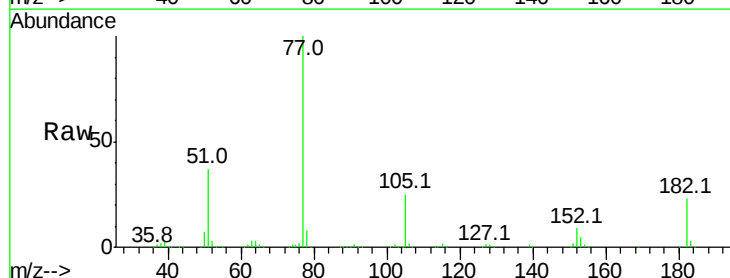
Instrument :
BNA_F
ClientSampleId :
PB100537BS

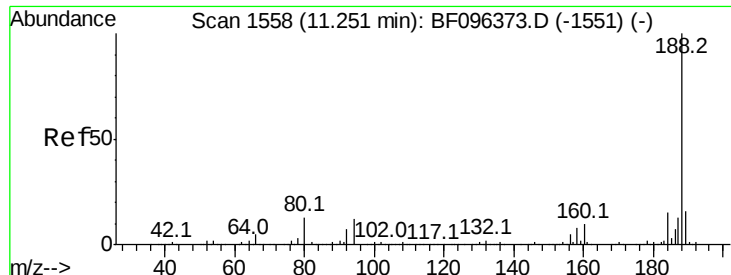
Tot Ion:138 Resp: 126148
Ion Ratio Lower Upper
138 100
92 45.9 21.8 61.8
108 51.8 42.3 82.3



#62
Azobenzene
Concen: 42.394 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF096637.D
Acq: 11 Jul 2017 11:53

Tgt Ion: 77 Resp: 519996
Ion Ratio Lower Upper
77 100
182 23.0 0.1 40.1
105 25.5 3.6 43.6
51 36.5 9.4 49.4

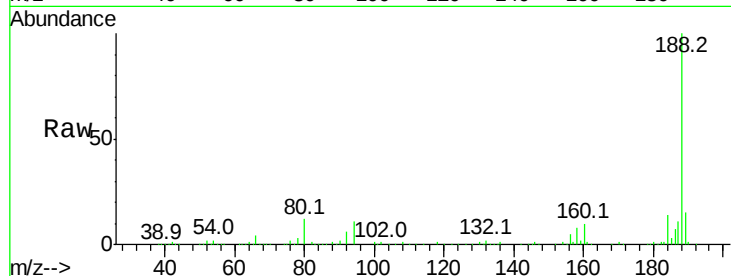




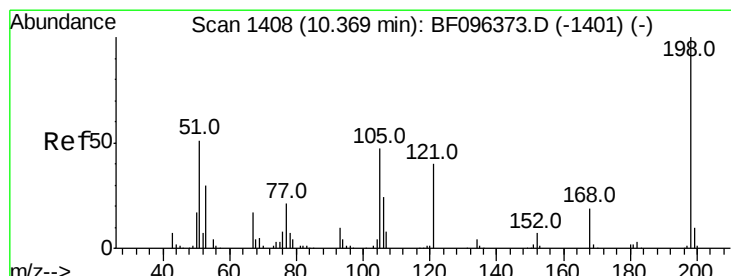
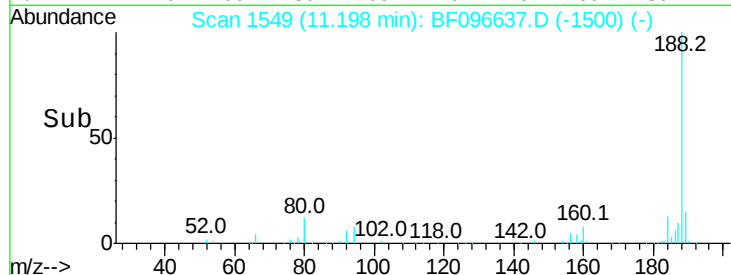
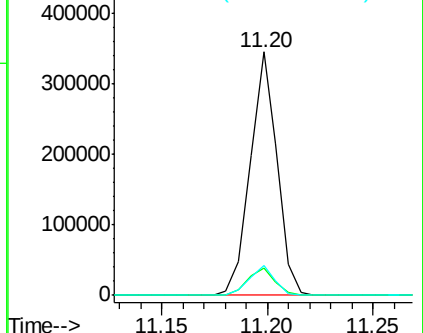
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096637.D
Acq: 11 Jul 2017 11:53

Instrument :
BNA_F
ClientSampleId :
PB100537BS

Tot Ion:188 Resp: 304439
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 12.1 10.2 15.2

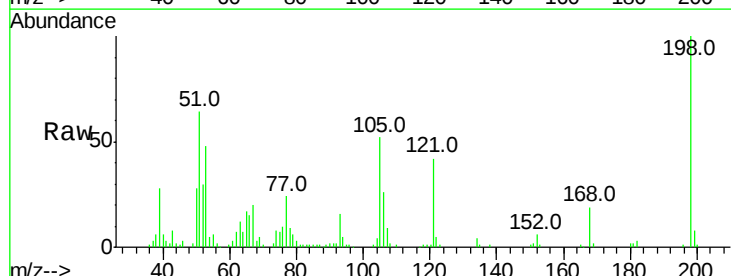


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

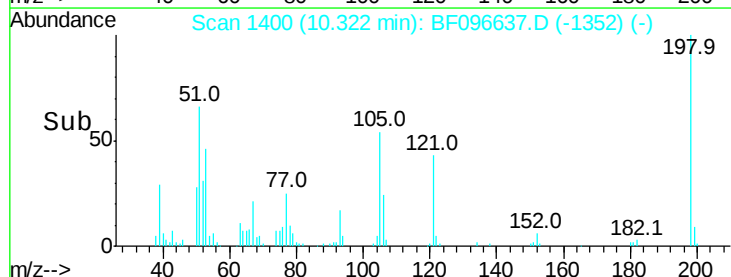
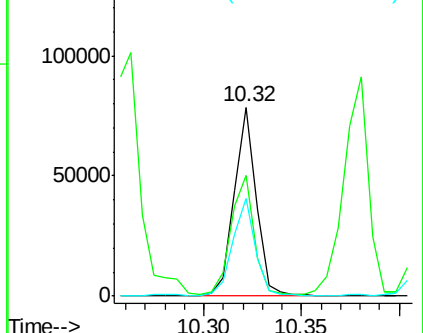


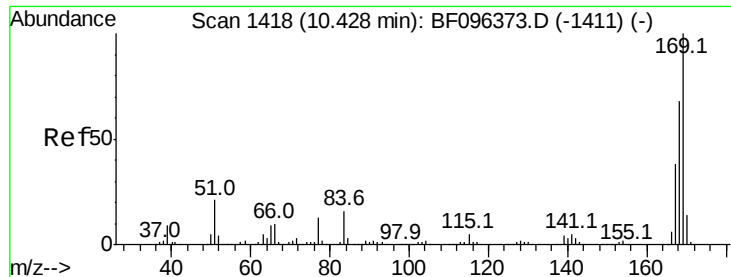
#64
4,6-Dinitro-2-methylphenol
Concen: 29.472 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF096637.D
Acq: 11 Jul 2017 11:53

Tgt Ion:198 Resp: 61879
Ion Ratio Lower Upper
198 100
51 63.8 53.2 93.2
105 51.5 45.8 85.8



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

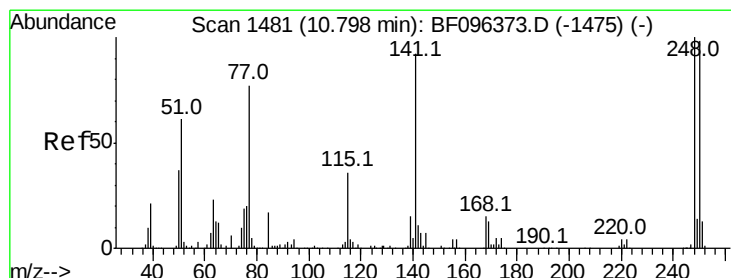
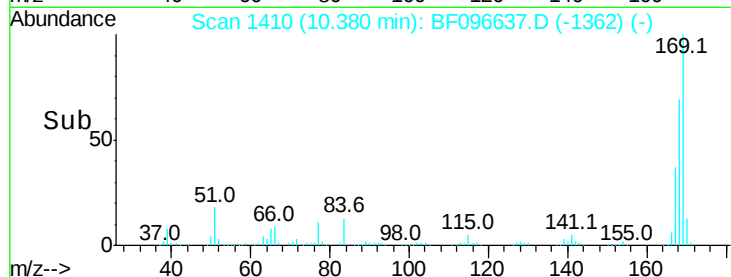
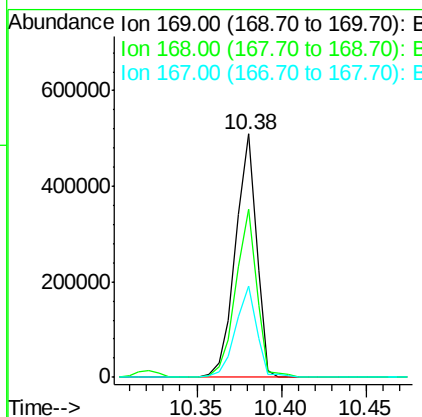
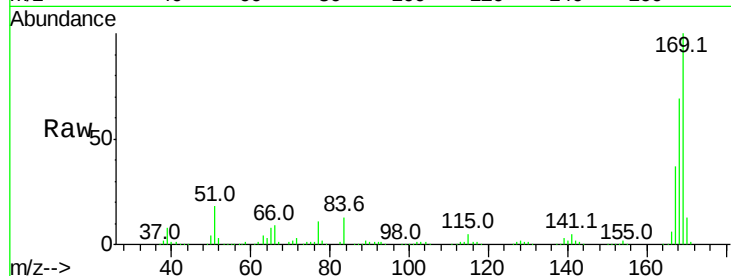




#65
 n-Nitrosodiphenylamine
 Concen: 41.294 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

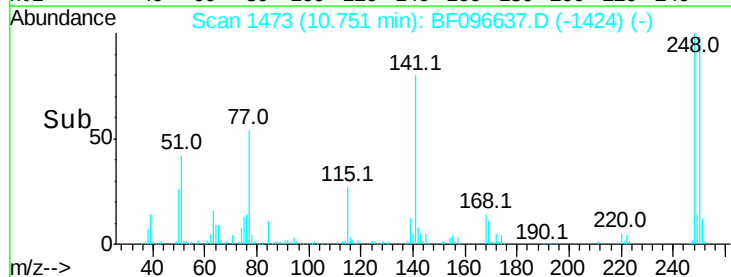
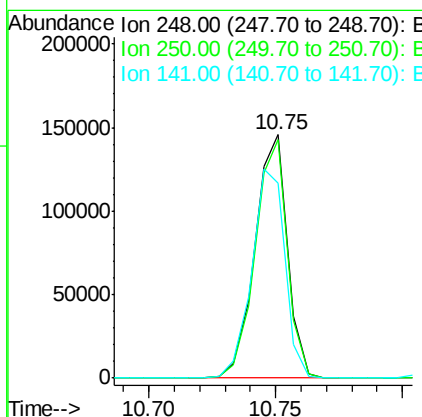
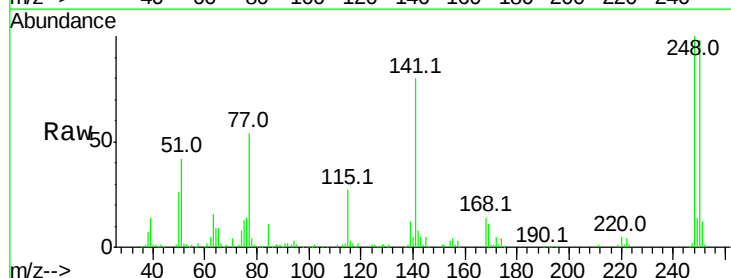
Instrument :
 BNA_F
 ClientSampleId :
 PB100537BS

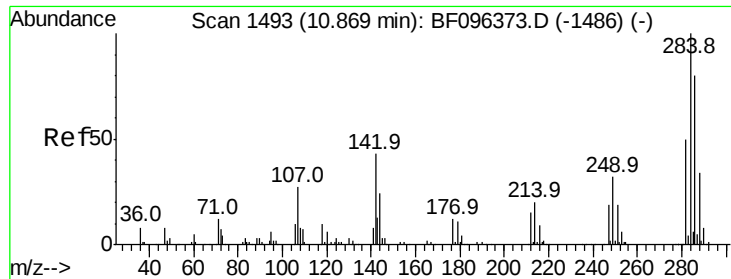
Tot Ion:169 Resp: 441092
 Ion Ratio Lower Upper
 169 100
 168 68.9 53.2 79.8
 167 37.4 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 43.825 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

Tgt Ion:248 Resp: 129878
 Ion Ratio Lower Upper
 248 100
 250 98.0 76.8 115.2
 141 80.1 68.6 103.0

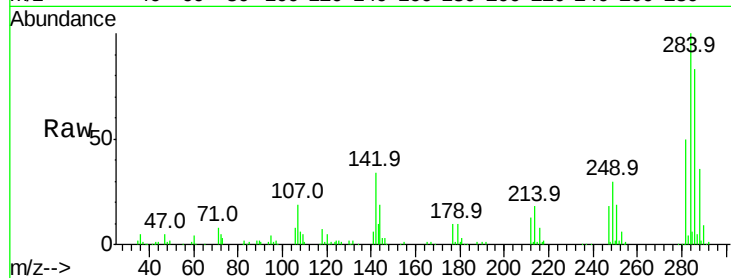




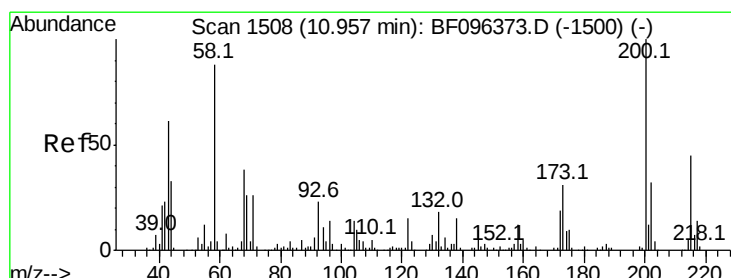
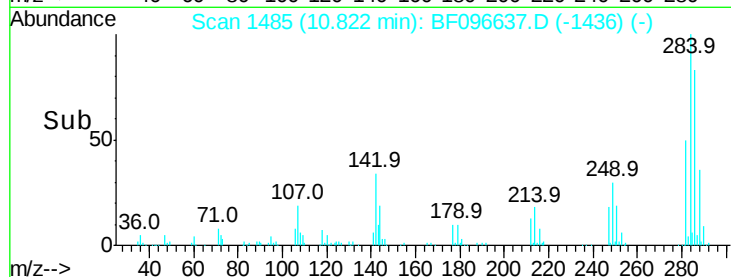
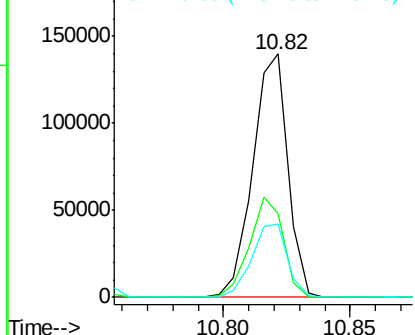
#67
Hexachlorobenzene
Concen: 41.462 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF096637.D
Acq: 11 Jul 2017 11:53

Instrument :
BNA_F
ClientSampleId :
PB100537BS

Tot Ion:284 Resp: 134510
Ion Ratio Lower Upper
284 100
142 34.1 22.8 34.2
249 30.1 24.0 36.0

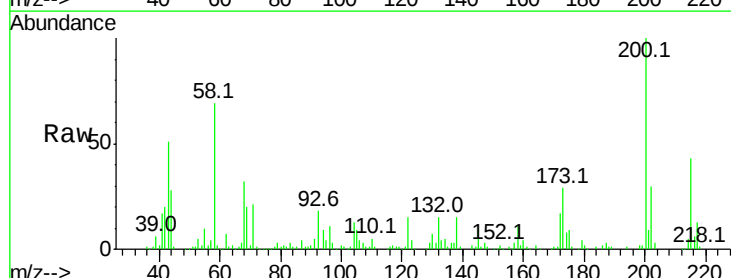


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

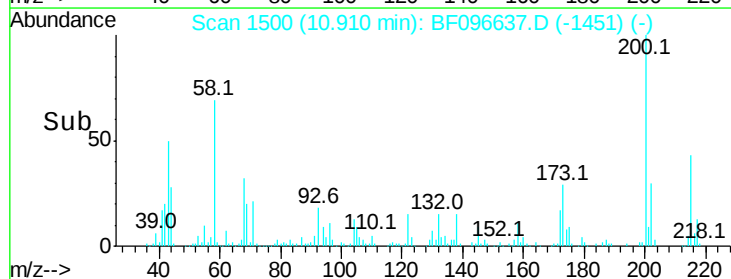
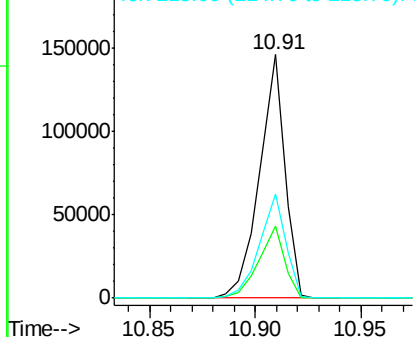


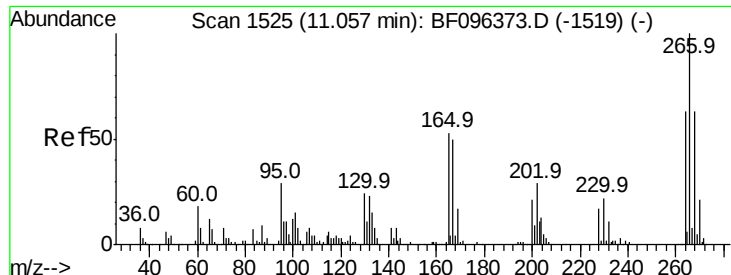
#68
Atrazine
Concen: 40.390 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF096637.D
Acq: 11 Jul 2017 11:53

Tgt Ion:200 Resp: 123257
Ion Ratio Lower Upper
200 100
173 29.4 6.3 46.3
215 42.9 27.2 67.2



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

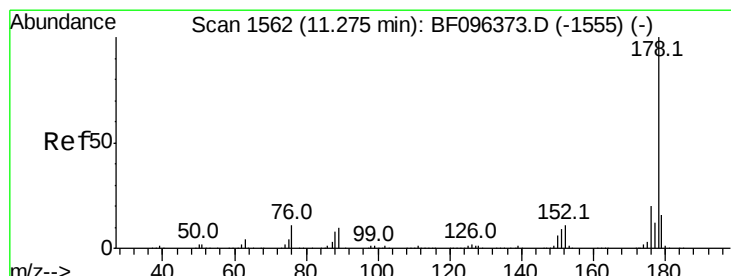
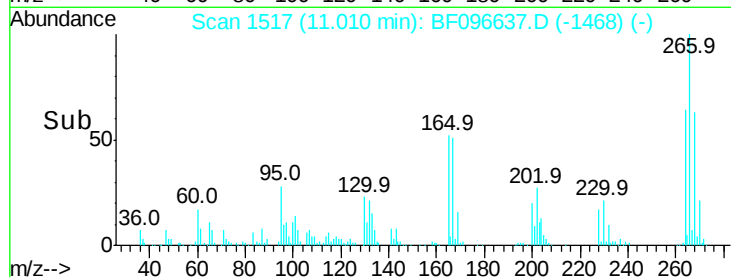
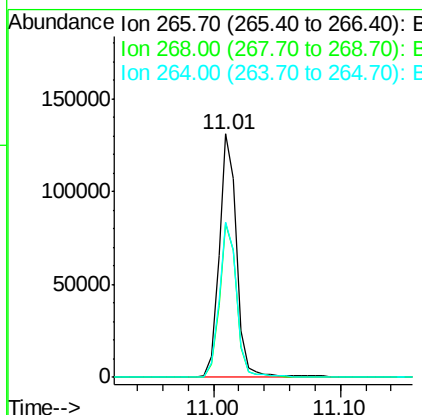
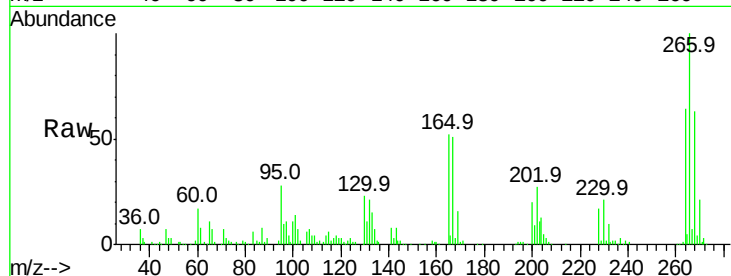




#69
 Pentachlorophenol
 Concen: 65.893 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

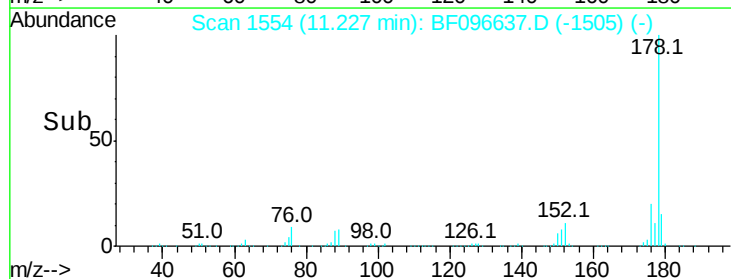
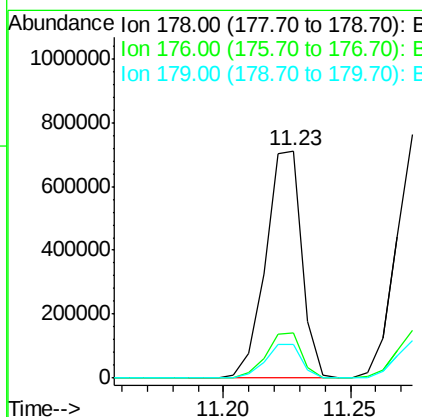
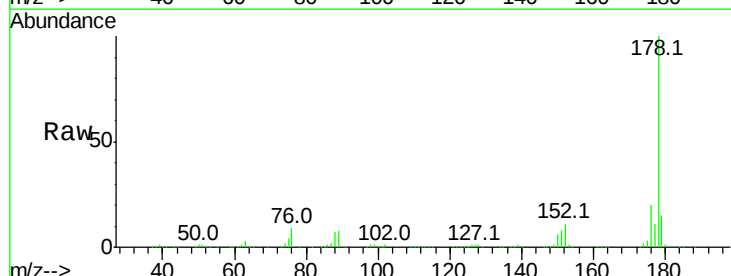
Instrument :
 BNA_F
 ClientSampleId :
 PB100537BS

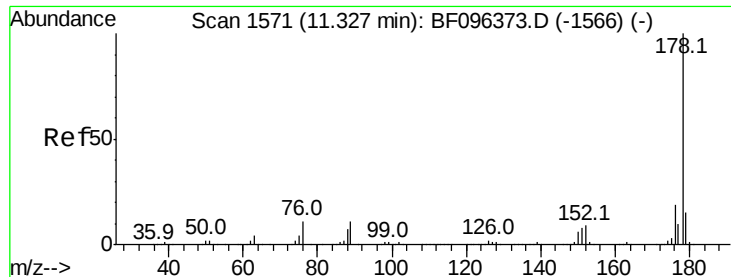
Tot Ion:266 Resp: 126695
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.1 76.7
 264 63.7 51.7 77.5



#70
 Phenanthrene
 Concen: 43.252 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

Tgt Ion:178 Resp: 711813
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.1 12.6 19.0





#71

Anthracene

Concen: 43.605 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

Instrument :

BNA_F

ClientSampleId :

PB100537BS

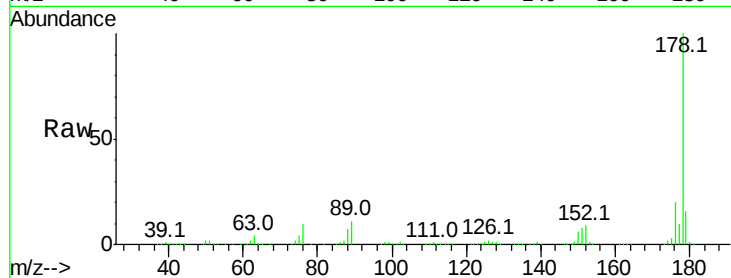
Tot Ion:178 Resp: 731271

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

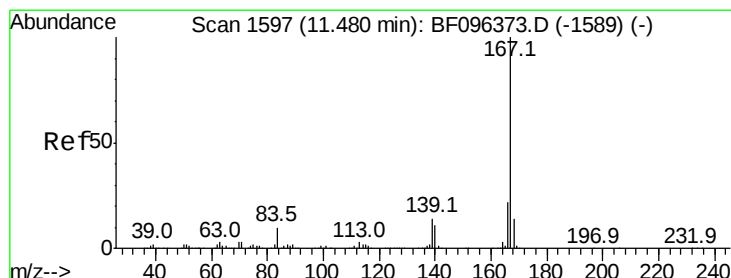
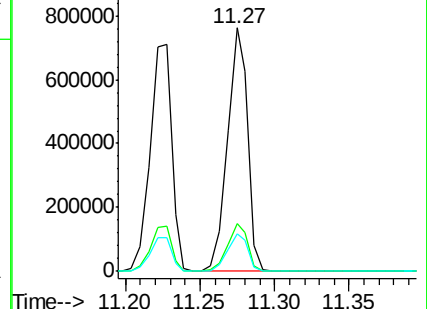
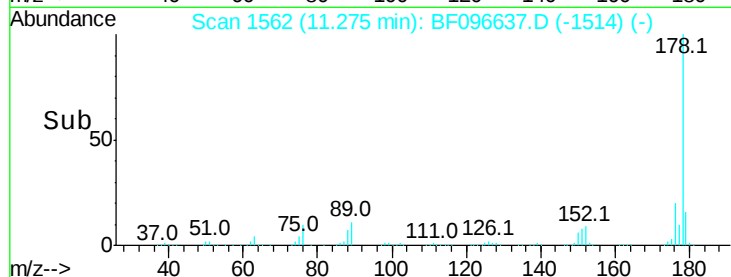
179 15.5 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.247 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

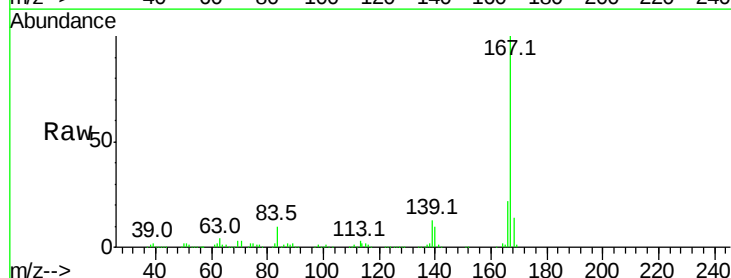
Tgt Ion:167 Resp: 645063

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

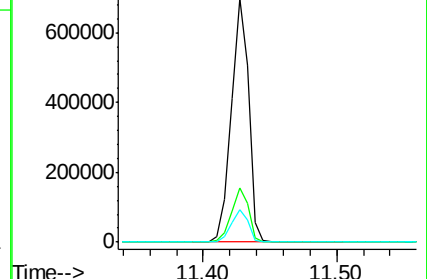
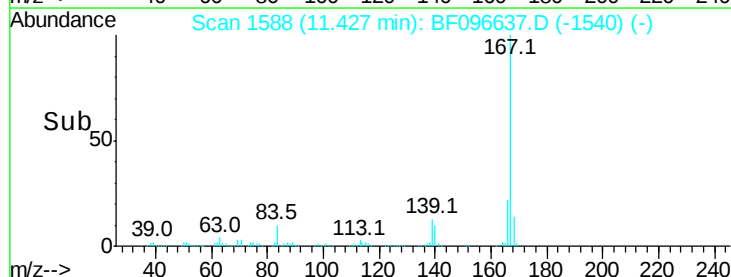
139 13.4 11.7 17.5

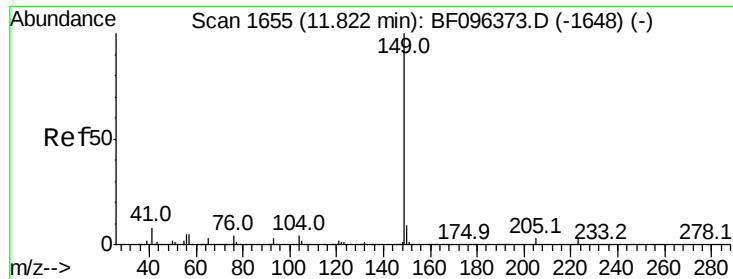


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.775 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

Instrument :

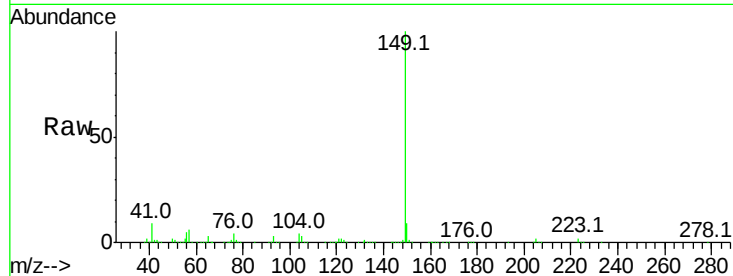
BNA_F

ClientSampleId :

PB100537BS

Tot Ion:149 Resp: 832960

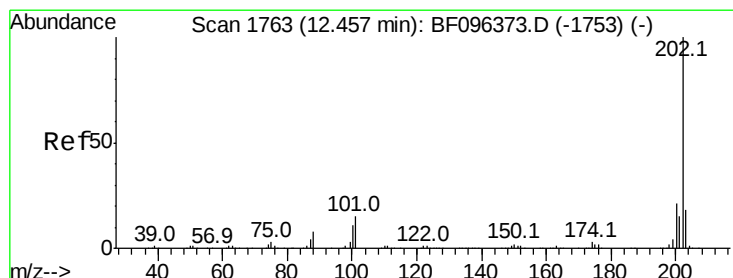
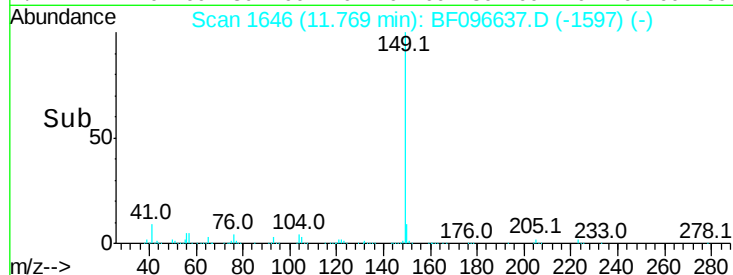
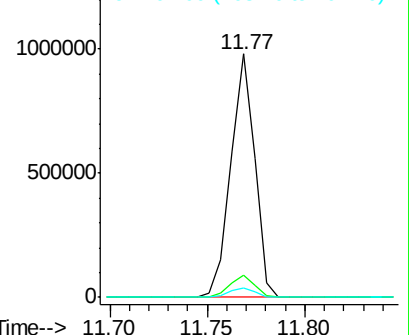
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	4.1	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.404 ng

RT: 12.40 min Scan# 1754

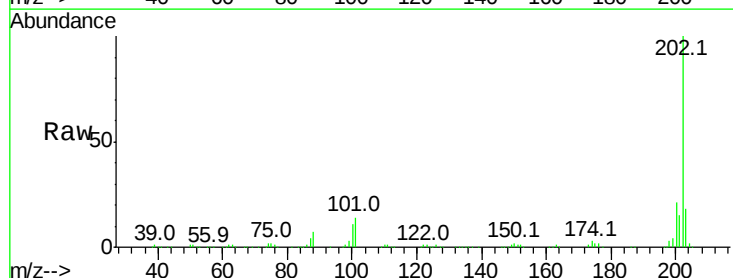
Delta R.T. -0.02 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

Tgt Ion:202 Resp: 603534

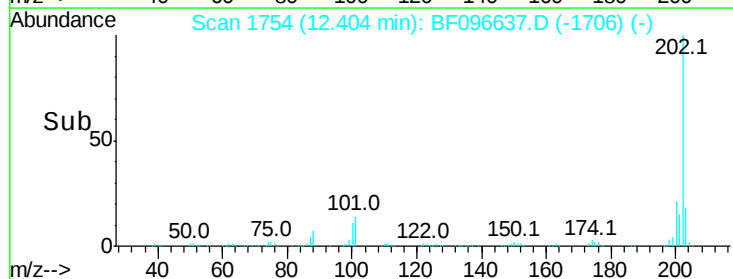
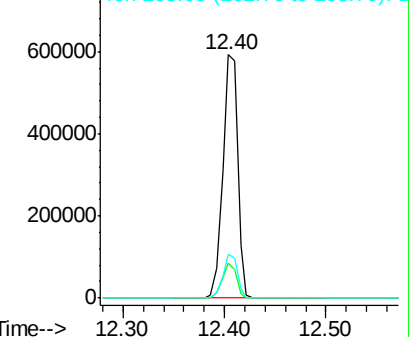
Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	33.2
203	18.1	0.0	38.1

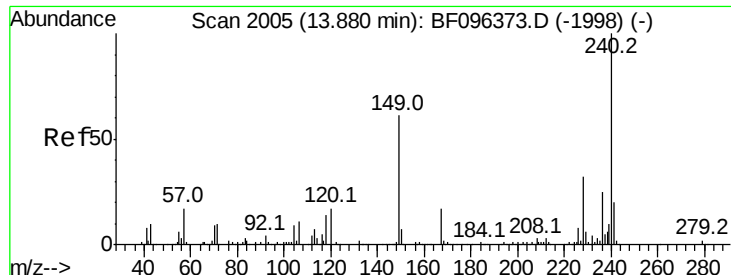


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

Instrument :

BNA_F

ClientSampleId :

PB100537BS

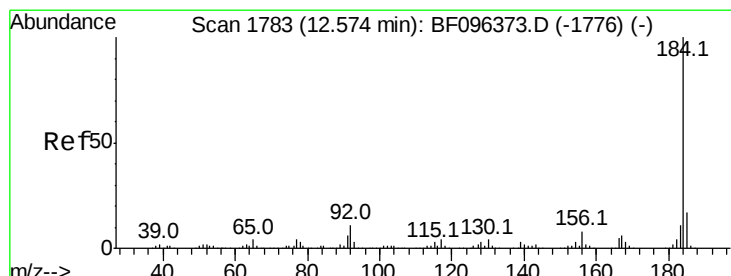
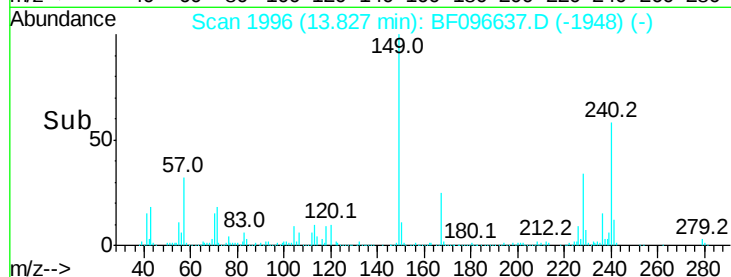
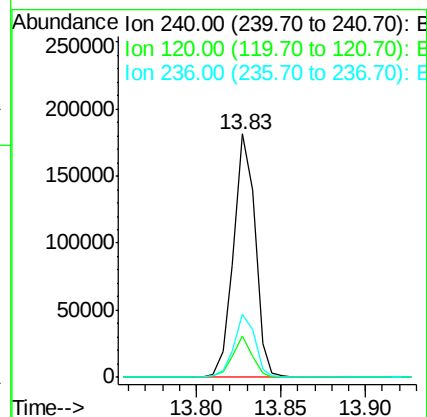
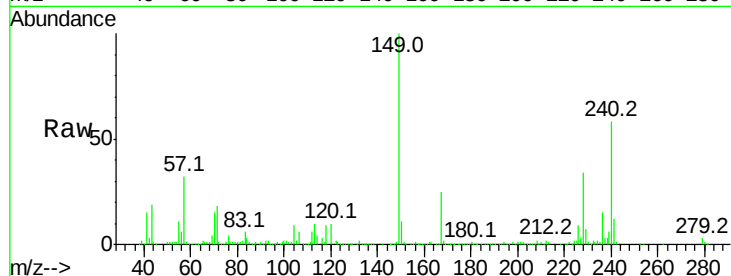
Tot Ion:240 Resp: 161357

Ion Ratio Lower Upper

240 100

120 17.0 5.8 8.8#

236 25.7 20.5 30.7



#76

Benzidine

Concen: 32.005 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

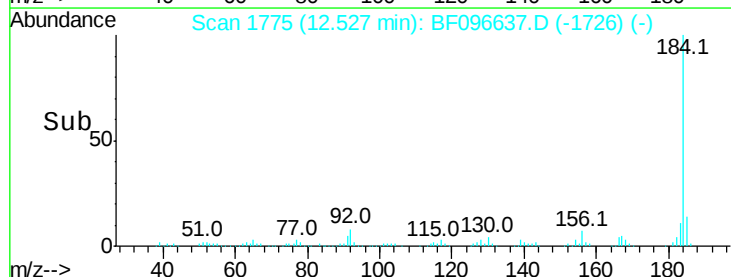
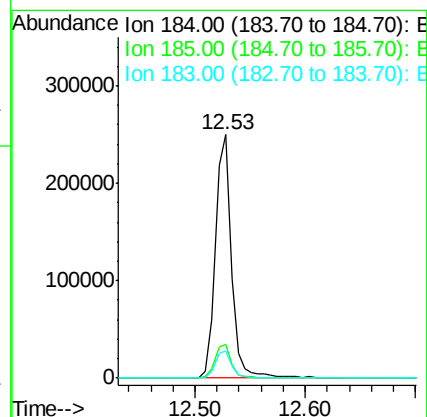
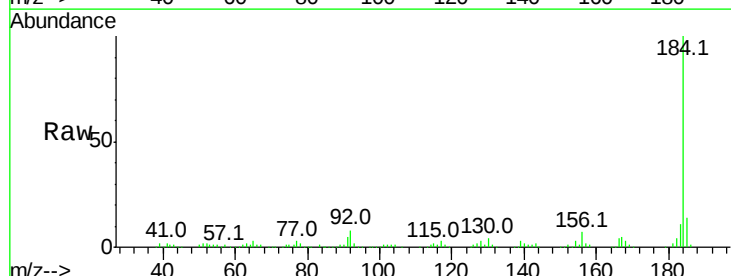
Tgt Ion:184 Resp: 247792

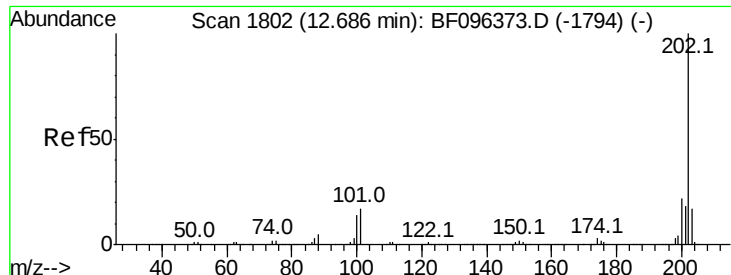
Ion Ratio Lower Upper

184 100

185 13.7 15.5 23.3#

183 11.1 9.8 14.6

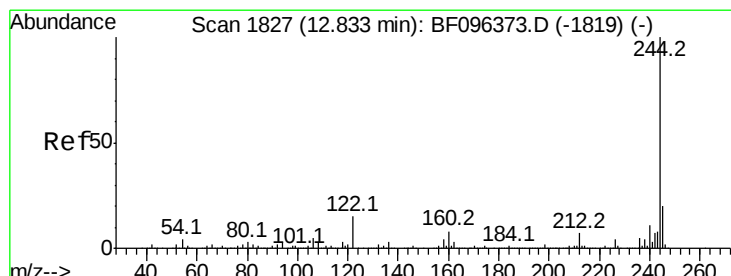
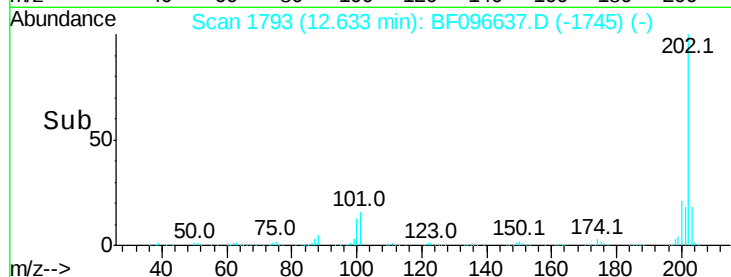
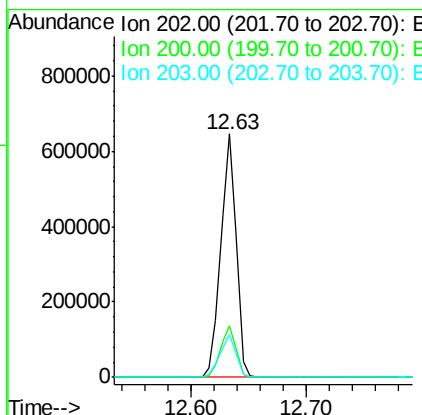
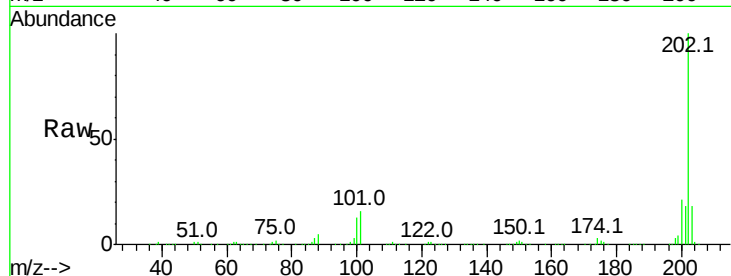




#77
 Pvrene
 Concen: 46.179 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

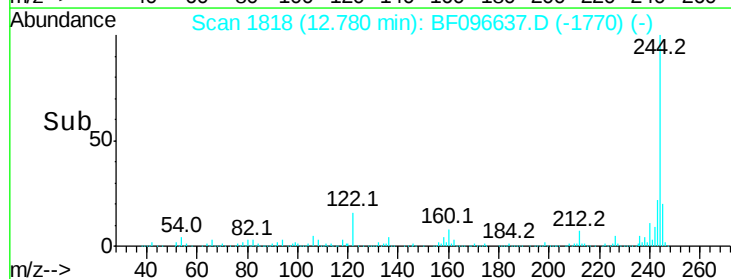
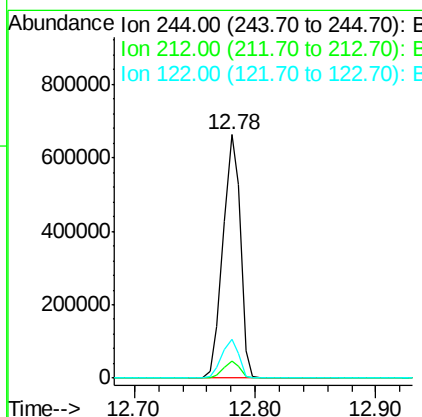
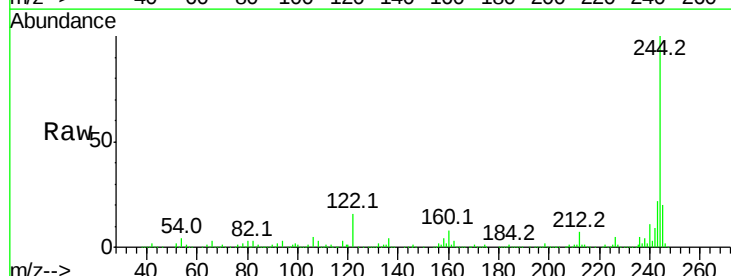
Instrument :
 BNA_F
 ClientSampleId :
 PB100537BS

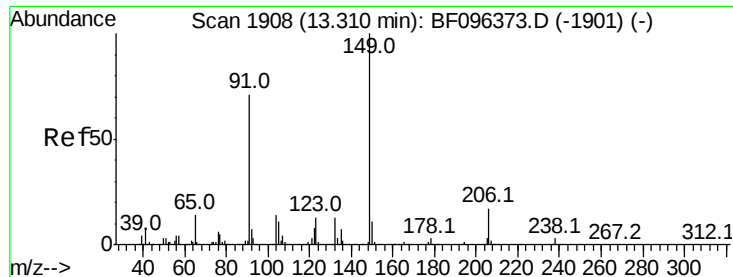
Tot Ion:202 Resp: 598096
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.6 26.4
 203 17.7 14.4 21.6



#78
 Terphenyl-d14
 Concen: 87.007 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

Tgt Ion:244 Resp: 657010
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 16.2 10.3 15.5#

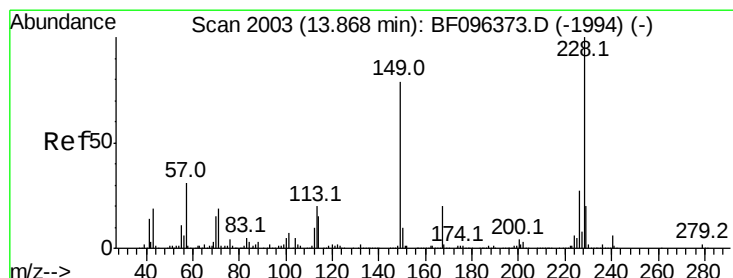
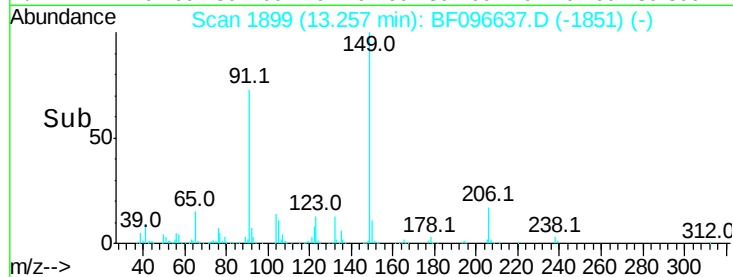
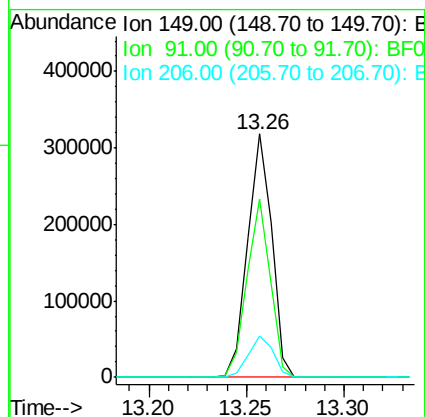
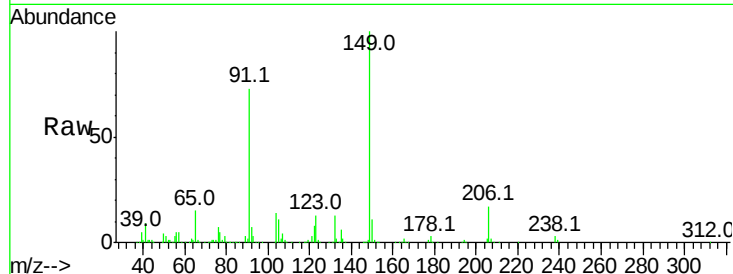




#79
Butylbenzylphthalate
Concen: 41.571 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BF096637.D
Acq: 11 Jul 2017 11:53

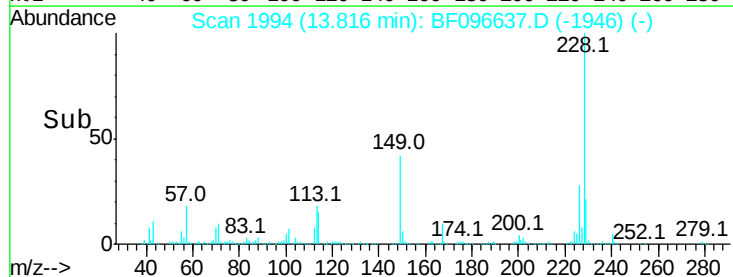
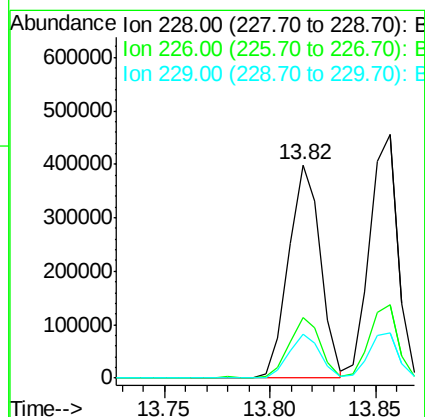
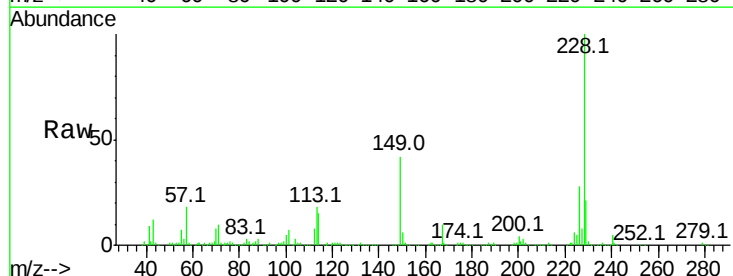
Instrument :
BNA_F
ClientSampleId :
PB100537BS

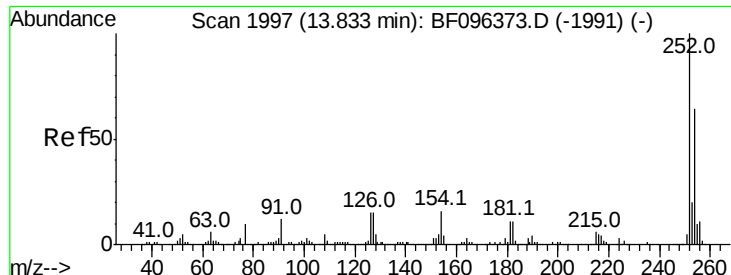
Tot Ion:149 Resp: 272552
Ion Ratio Lower Upper
149 100
91 73.0 45.0 67.4#
206 17.0 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 44.854 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF096637.D
Acq: 11 Jul 2017 11:53

Tgt Ion:228 Resp: 419115
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.6 16.3 24.5





#81

3,3'-Dichlorobenzidine

Concen: 39.188 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

Instrument :

BNA_F

ClientSampleId :

PB100537BS

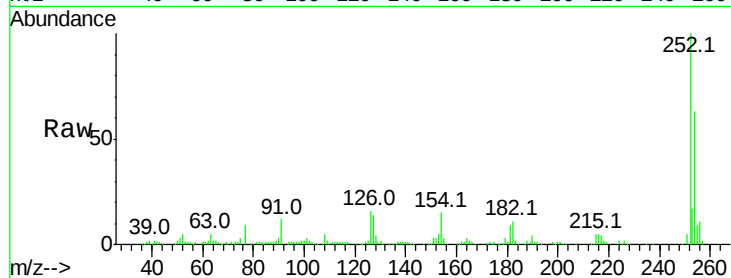
Tot Ion:252 Resp: 150396

Ion Ratio Lower Upper

252 100

254 63.2 51.5 77.3

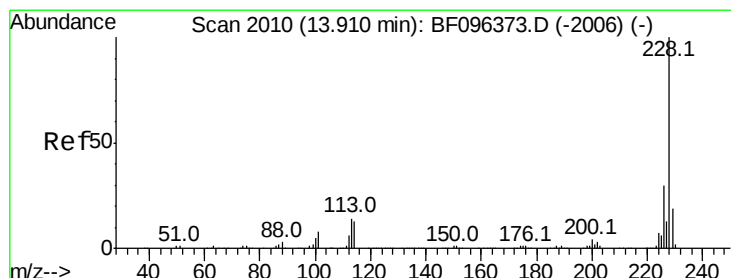
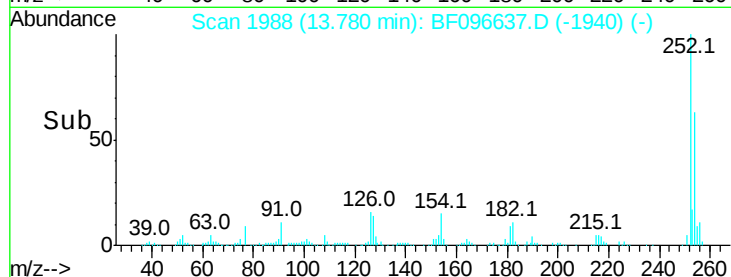
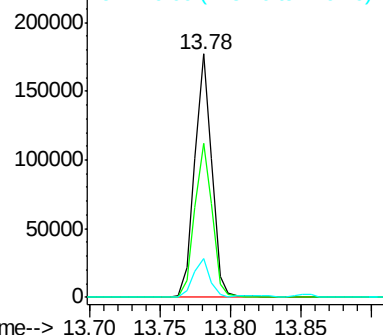
126 16.0 15.8 23.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 43.728 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

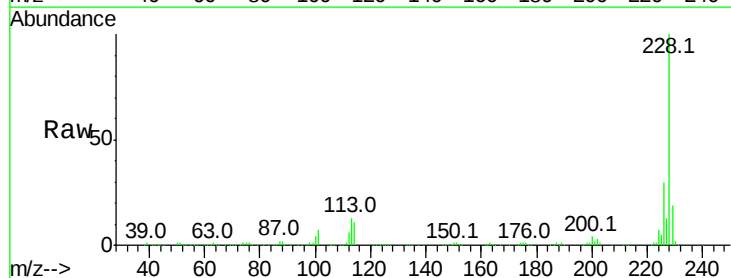
Tgt Ion:228 Resp: 427879

Ion Ratio Lower Upper

228 100

226 30.4 24.9 37.3

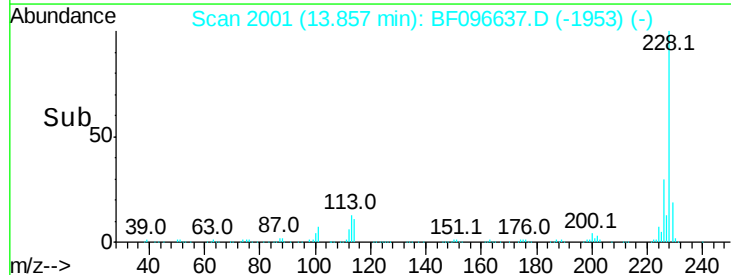
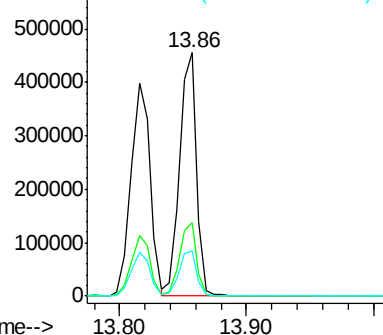
229 18.7 15.8 23.6

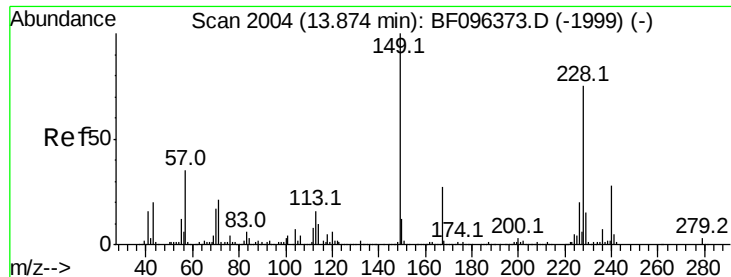


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

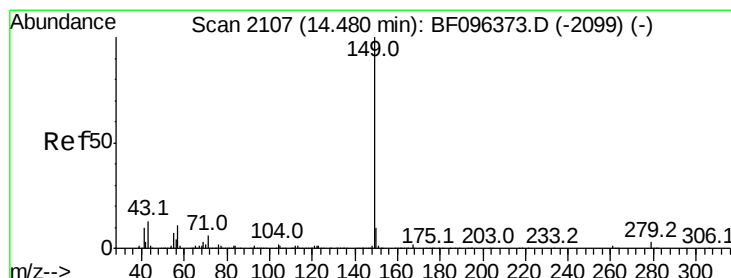
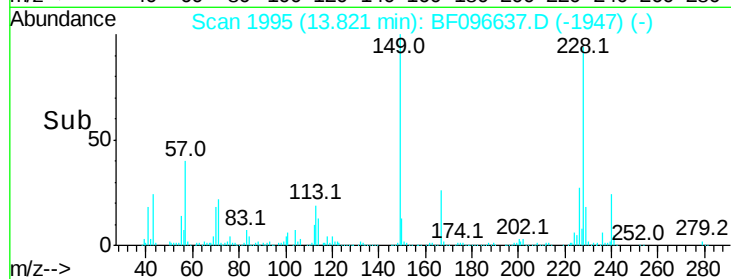
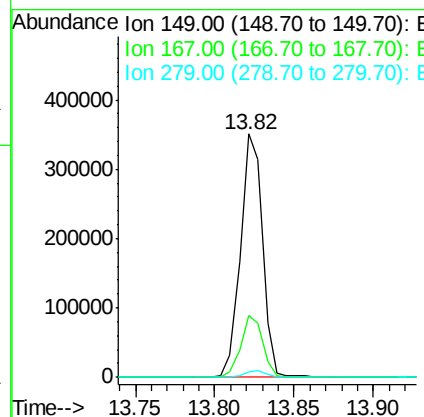
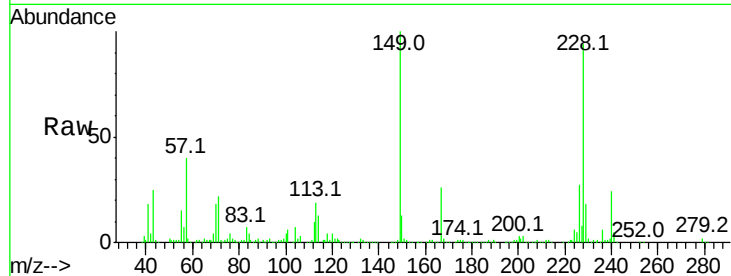




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.214 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

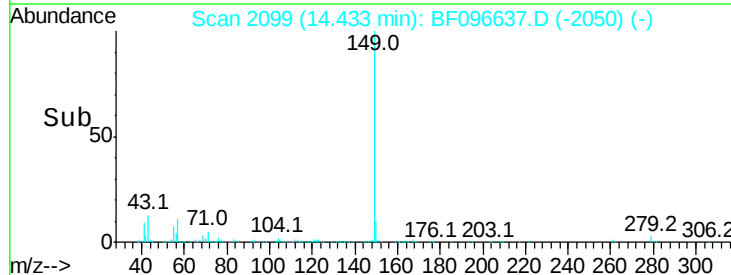
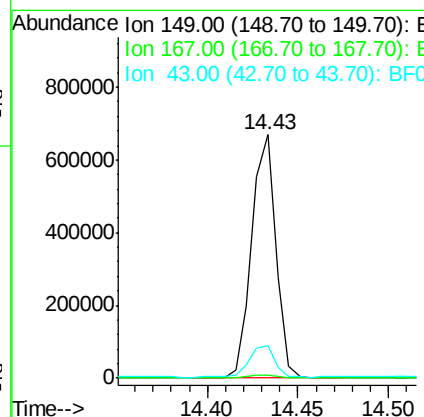
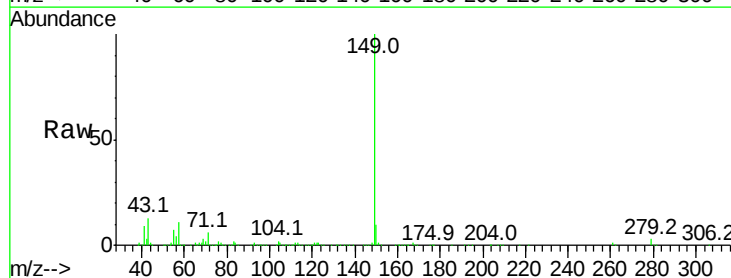
Instrument :
 BNA_F
 ClientSampleId :
 PB100537BS

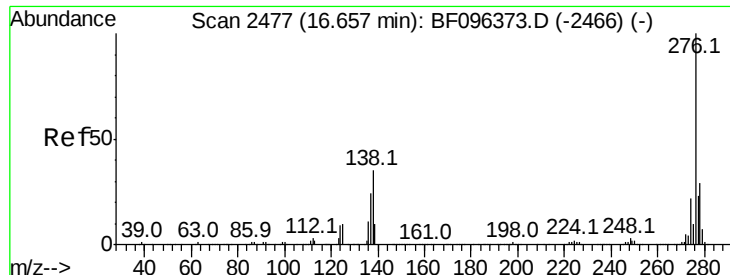
Tot Ion:149 Resp: 338213
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.0 31.4
 279 2.4 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 43.088 ng
 RT: 14.43 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

Tgt Ion:149 Resp: 620982
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 13.5 8.5 12.7#

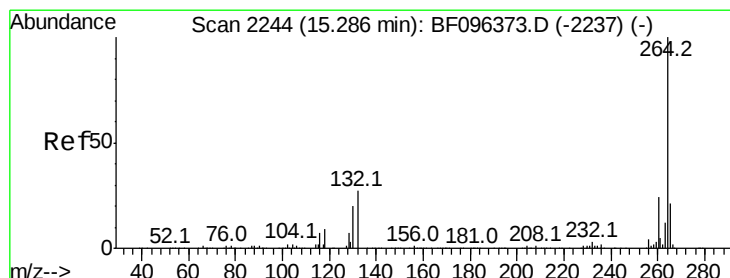
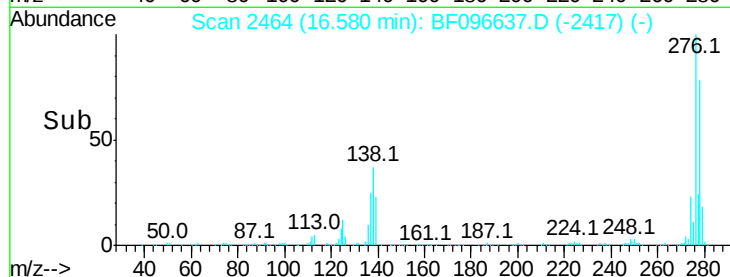
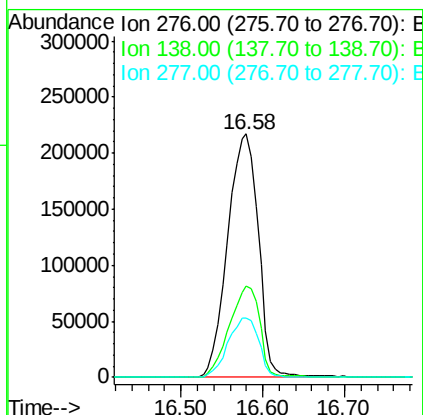
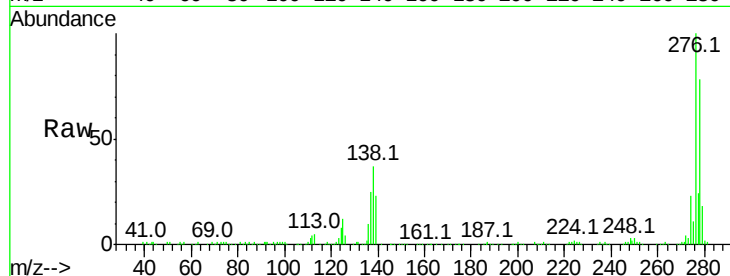




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 73.361 ng
 RT: 16.58 min Scan# 2464
 Delta R.T. -0.02 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

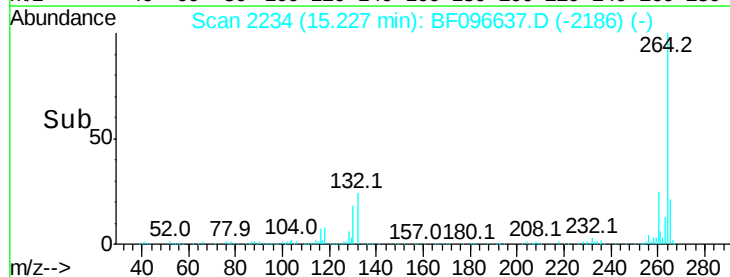
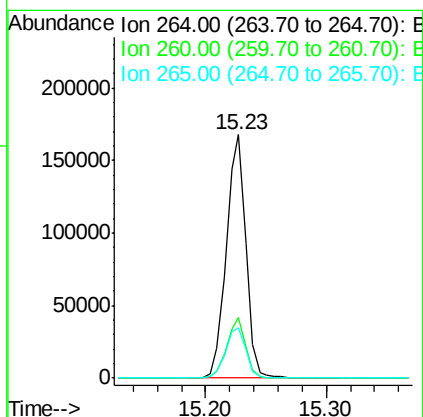
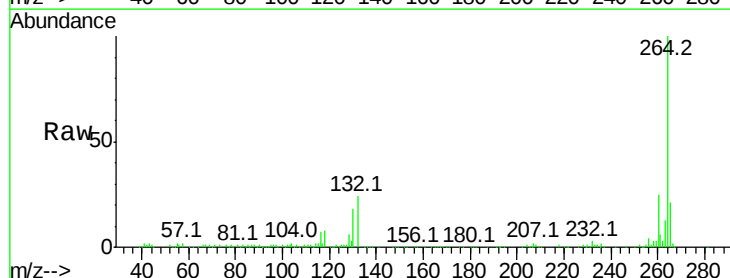
Instrument :
 BNA_F
 ClientSampleId :
 PB100537BS

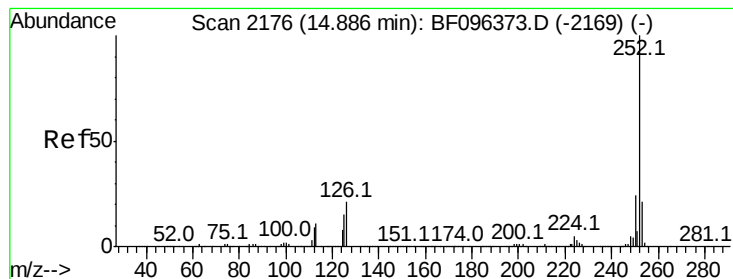
Tot Ion:276 Resp: 566623
 Ion Ratio Lower Upper
 276 100
 138 37.2 27.8 41.6
 277 24.6 20.2 30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF096637.D
 Acq: 11 Jul 2017 11:53

Tgt Ion:264 Resp: 187809
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.5 29.3
 265 20.6 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 38.755 ng

RT: 14.83 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

Instrument :

BNA_F

ClientSampleId :

PB100537BS

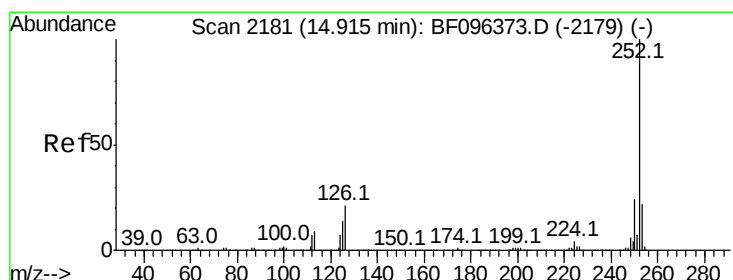
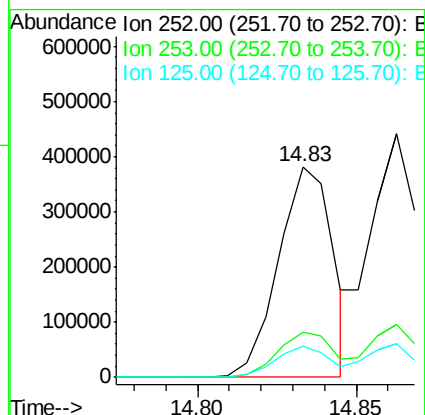
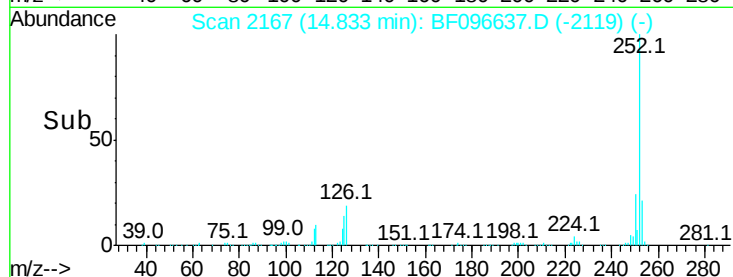
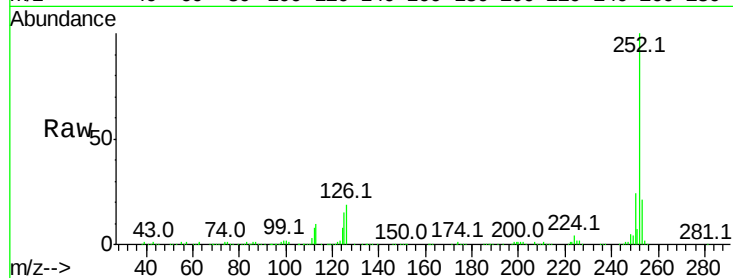
Tot Ion:252 Resp: 456067

Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

125 14.5 9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 43.629 ng

RT: 14.86 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

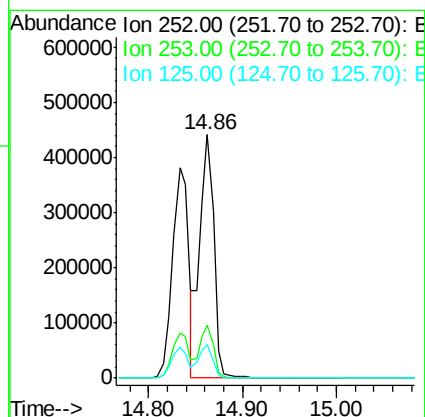
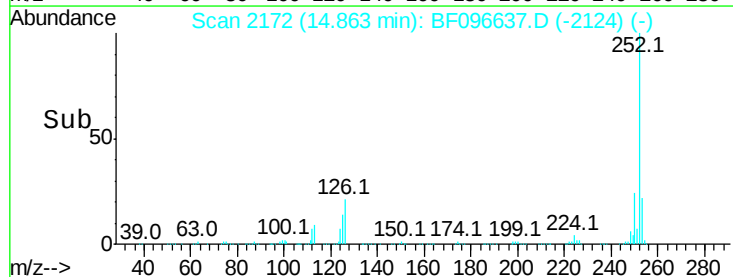
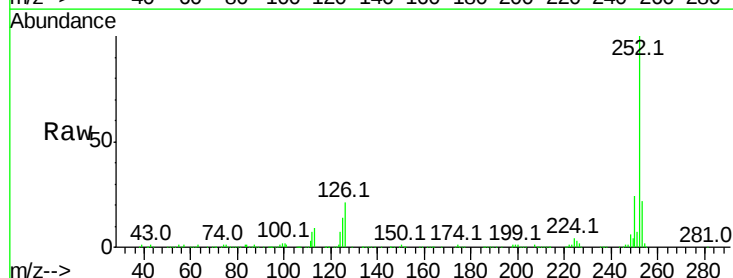
Tgt Ion:252 Resp: 459273

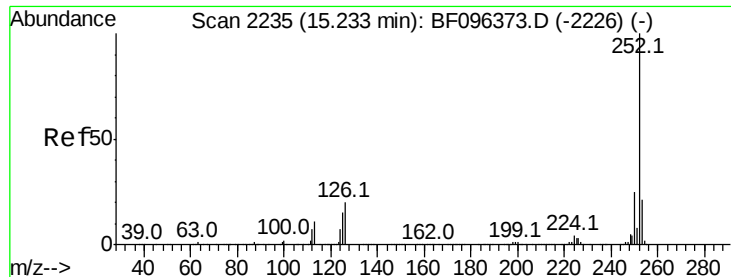
Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

125 13.7 13.1 19.7





#89

Benzo(a)pyrene

Concen: 42.315 ng

RT: 15.17 min Scan# 2225

Delta R.T. -0.02 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

Instrument :

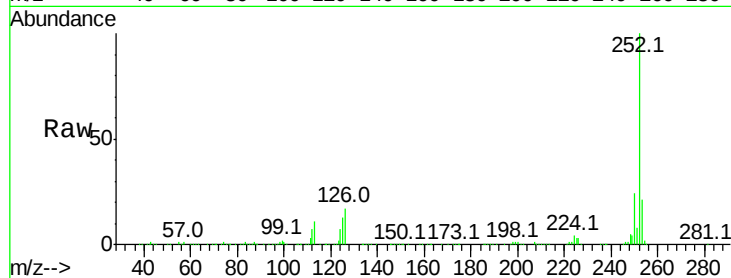
BNA_F

ClientSampleId :

PB100537BS

Tot Ion:252 Resp: 444587

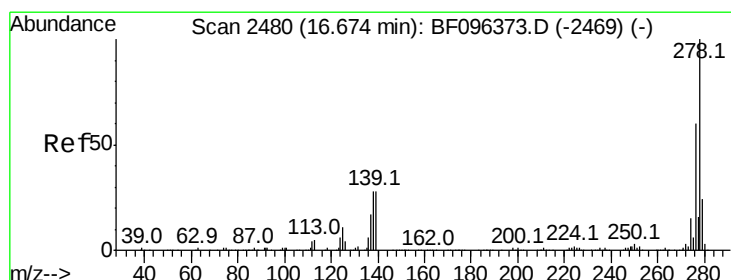
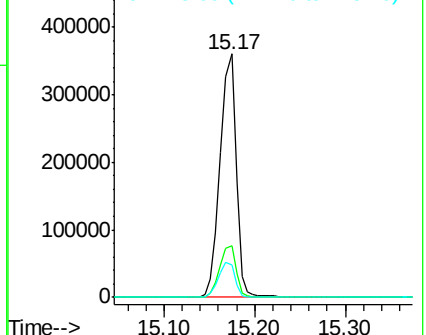
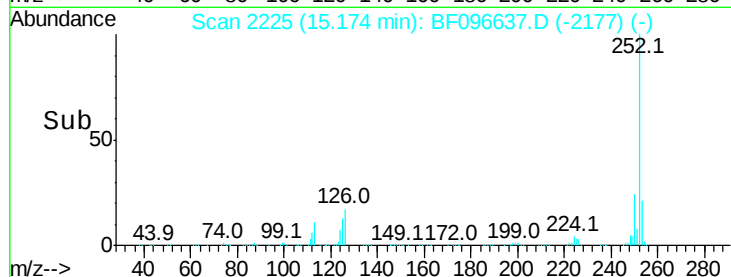
Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.5	26.3
125	13.1	11.0	16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 54.701 ng

RT: 16.59 min Scan# 2466

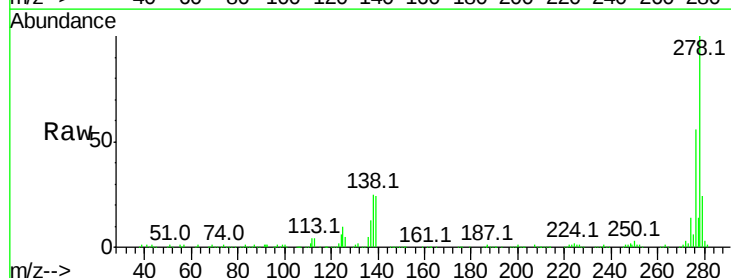
Delta R.T. -0.02 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

Tgt Ion:278 Resp: 452128

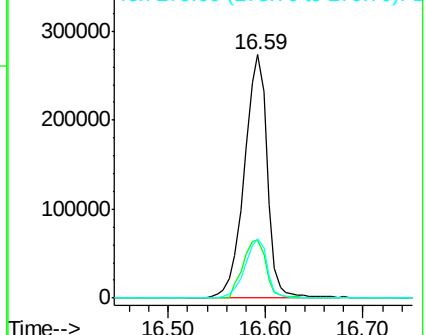
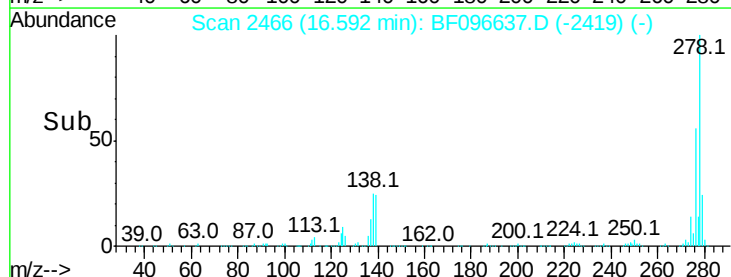
Ion	Ratio	Lower	Upper
278	100		
139	23.6	16.6	24.8
279	24.3	19.3	28.9

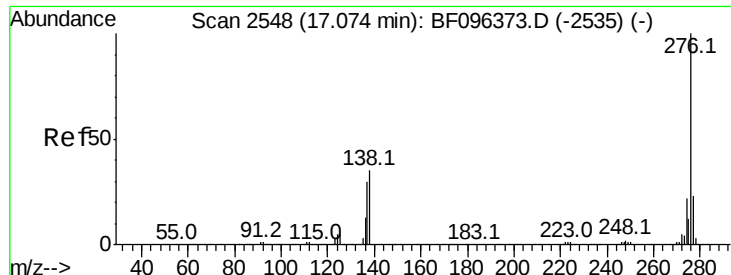


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 58.617 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF096637.D

Acq: 11 Jul 2017 11:53

Instrument :

BNA_F

ClientSampleId :

PB100537BS

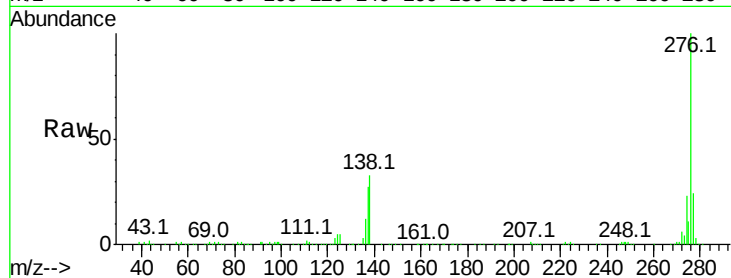
Tot Ion:276 Resp: 502049

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 32.6 25.4 38.0



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

