

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097749.D
 Acq On : 16 Aug 2017 20:04
 Operator : SJ/JU
 Sample : PB101564BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

Quant Time: Aug 17 01:25:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	144164	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	570509	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	234008	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	359085	20.00	ng	0.00
75) Chrysene-d12	13.94	240	268712	20.00	ng	0.00
86) Perylene-d12	15.37	264	244231	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1214918	128.19	ng	0.02
7) Phenol-d6	6.42	99	1654321	128.47	ng	0.01
23) Nitrobenzene-d5	7.35	82	996981	94.93	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	252247	124.24	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1487826	93.41	ng	0.00
78) Terphenyl-d14	12.89	244	901820	69.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	194099	36.72	ng	90
3) Pyridine	3.29	79	562517	38.50	ng	87
4) n-Nitrosodimethylamine	3.25	42	210987	37.53	ng	# 70
6) Aniline	6.45	93	449998	24.87	ng	97
8) 2-Chlorophenol	6.57	128	430090	43.03	ng	95
9) Benzaldehyde	6.33	77	168976	20.72	ng	87
10) Phenol	6.43	94	613373	40.73	ng	94
11) bis(2-Chloroethyl)ether	6.52	93	483922	42.57	ng	98
12) 1,3-Dichlorobenzene	6.96	146	408222	37.97	ng	96
13) 1,4-Dichlorobenzene	6.80	146	441800	40.40	ng	# 92
14) 1,2-Dichlorobenzene	6.96	146	408222	40.49	ng	98
15) Benzyl Alcohol	6.93	79	426488	44.24	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	636394	41.61	ng	91
17) 2-Methylphenol	7.04	107	389902	44.27	ng	96
18) Hexachloroethane	7.30	117	160121	37.35	ng	# 85
19) n-Nitroso-di-n-propylamine	7.20	70	355006	40.27	ng	89
20) 3+4-Methylphenols	7.19	107	467901	43.49	ng	98
22) Acetophenone	7.20	105	628722	41.72	ng	# 86
24) Nitrobenzene	7.37	77	532735	45.56	ng	94
25) Isophorone	7.61	82	967384	44.30	ng	97
26) 2-Nitrophenol	7.68	139	192294	45.68	ng	# 79
27) 2,4-Dimethylphenol	7.72	122	396539	43.54	ng	94
28) bis(2-Chloroethoxy)methane	7.82	93	615143	42.85	ng	99
29) 2,4-Dichlorophenol	7.92	162	331481	43.85	ng	91
30) 1,2,4-Trichlorobenzene	8.01	180	340144	40.59	ng	97
31) Naphthalene	8.09	128	1206193	40.73	ng	99
32) Benzoic acid	7.85	122	255238	39.74	ng	91
33) 4-Chloroaniline	8.13	127	213606	17.10	ng	99
34) Hexachlorobutadiene	8.20	225	198362	40.54	ng	98
35) Caprolactam	8.51	113	110257	42.90	ng	99
36) 4-Chloro-3-methylphenol	8.62	107	396482	40.82	ng	# 80
37) 2-Methylnaphthalene	8.78	142	776689	42.77	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	316476	44.07	ng	99
40) Hexachlorocyclopentadiene	8.93	237	144374	41.85	ng	99

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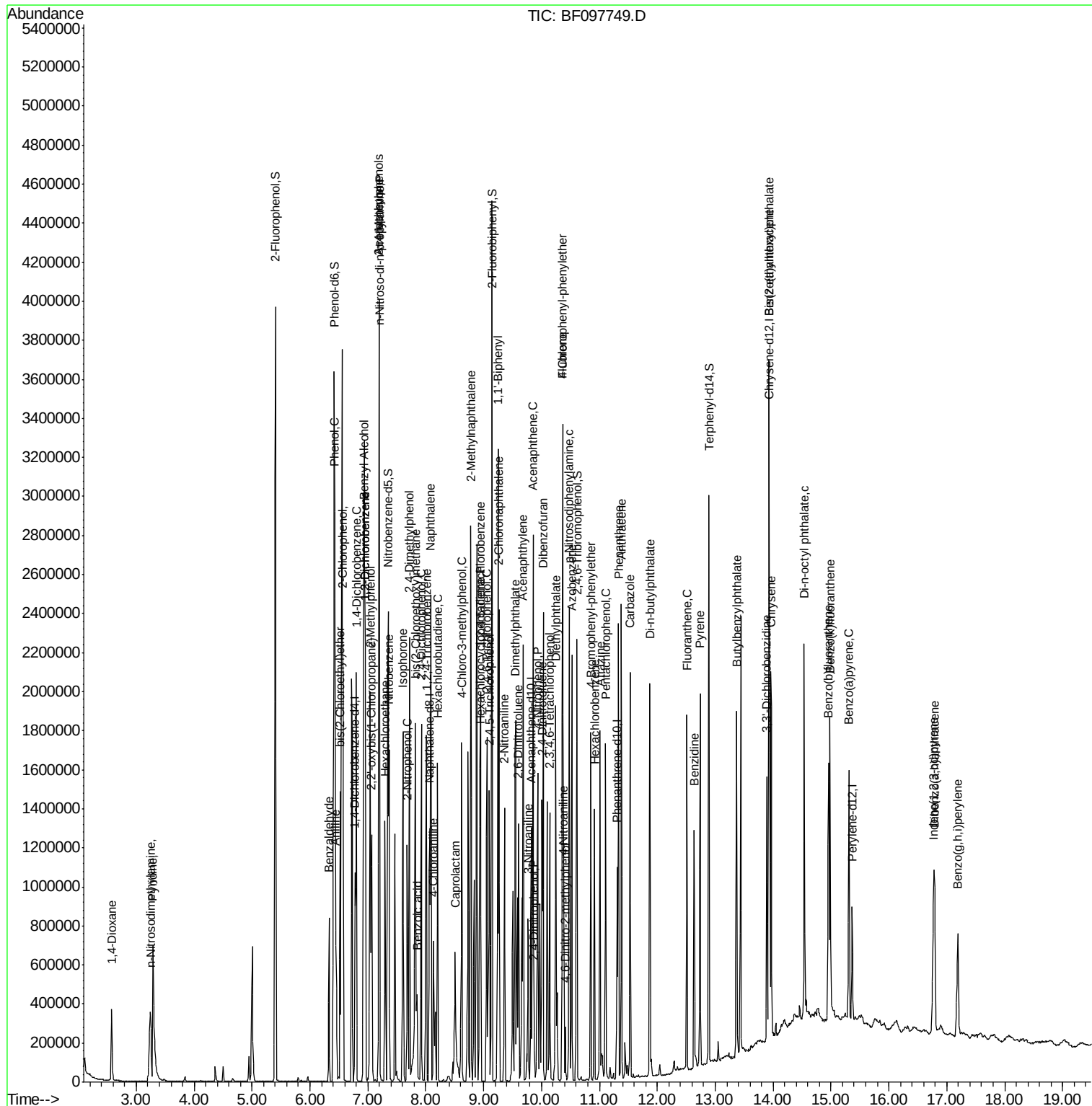
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42) 2,4,6-Trichlorophenol	9.06	196	217962	45.21	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	217140	45.40	nq	97
45) 1,1'-Biphenyl	9.25	154	911848	42.73	nq	96
46) 2-Chloronaphthalene	9.27	162	651380	41.31	nq	# 92
47) 2-Nitroaniline	9.36	65	242557	45.89	nq	95
48) Acenaphthylene	9.69	152	1032970	41.72	nq	99
49) Dimethylphthalate	9.55	163	794323	46.44	nq	99
50) 2,6-Dinitrotoluene	9.61	165	158443	46.40	nq	# 74
51) Acenaphthene	9.86	154	623122	39.90	nq	99
52) 3-Nitroaniline	9.77	138	114658	26.03	nq	# 77
53) 2,4-Dinitrophenol	9.87	184	36091	29.55	nq	# 78
54) Dibenzofuran	10.03	168	901265	43.06	nq	99
55) 4-Nitrophenol	9.93	139	247973	70.57	nq	# 42
56) 2,4-Dinitrotoluene	10.01	165	191452	44.68	nq	# 59
57) Fluorene	10.37	166	642020	39.68	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.15	232	166213	44.88	nq	93
59) Diethylphthalate	10.25	149	796269	44.51	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	319200	42.46	nq	88
61) 4-Nitroaniline	10.39	138	140050	33.45	nq	77
62) Azobenzene	10.52	77	877003	41.27	nq	92
64) 4,6-Dinitro-2-methylphenol	10.41	198	26477	21.26	nq	90
65) n-Nitrosodiphenylamine	10.48	169	606452	49.60	nq	100
66) 4-Bromophenyl-phenylether	10.85	248	182635	48.98	nq	99
67) Hexachlorobenzene	10.92	284	165085	43.44	nq	# 91
68) Atrazine	11.01	200	167351	51.61	nq	98
69) Pentachlorophenol	11.11	266	176699	79.74	nq	98
70) Phenanthrene	11.33	178	805847	42.11	nq	100
71) Anthracene	11.38	178	823615	42.44	nq	99
72) Carbazole	11.53	167	740656	40.20	nq	98
73) Di-n-butylphthalate	11.87	149	1061492	50.02	nq	100
74) Fluoranthene	12.52	202	765410	38.32	nq	99
76) Benzidine	12.64	184	475470	53.97	nq	# 92
77) Pyrene	12.74	202	781045	35.54	nq	98
79) Butylbenzylphthalate	13.37	149	373400	44.31	nq	# 77
80) Benzo(a)anthracene	13.93	228	658204	40.87	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	249769	45.96	nq	# 97
82) Chrysene	13.96	228	655995	40.95	nq	100
83) Bis(2-ethylhexyl)phthalate	13.93	149	474790	50.85	nq	# 99
84) Di-n-octyl phthalate	14.54	149	918268	56.52	nq	99
85) Indeno(1,2,3-cd)pyrene	16.77	276	511012	43.36	nq	96
87) Benzo(b)fluoranthene	14.96	252	682454	44.33	nq	98
88) Benzo(k)fluoranthene	14.99	252	611155	42.26	nq	96
89) Benzo(a)pyrene	15.31	252	605946	44.46	nq	99
90) Dibenzo(a,h)anthracene	16.79	278	437439	39.43	nq	98
91) Benzo(g,h,i)perylene	17.19	276	405137	35.00	nq	94

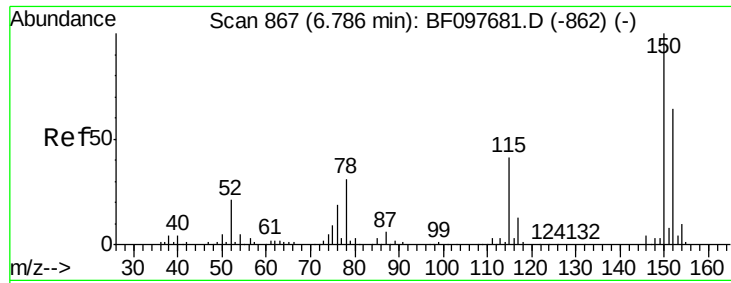
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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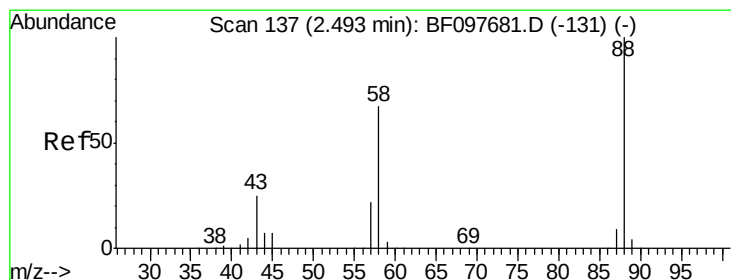
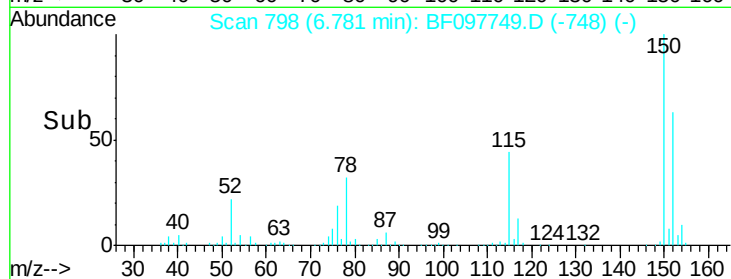
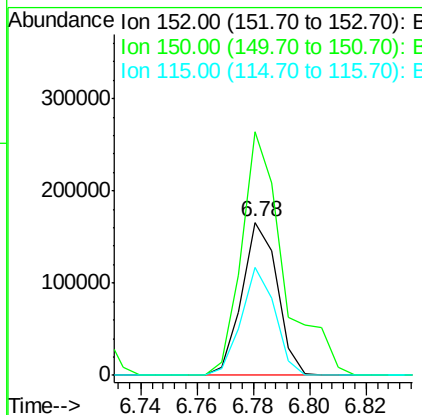
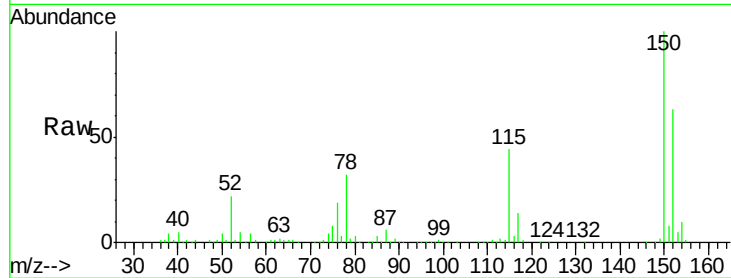


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB101564BS

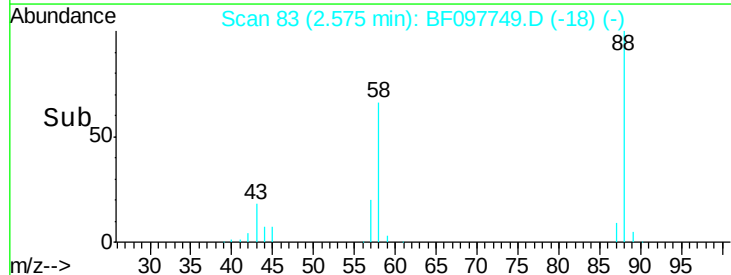
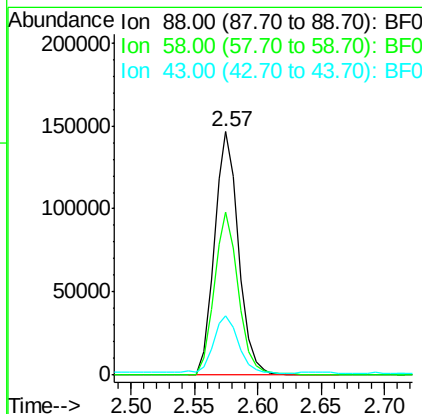
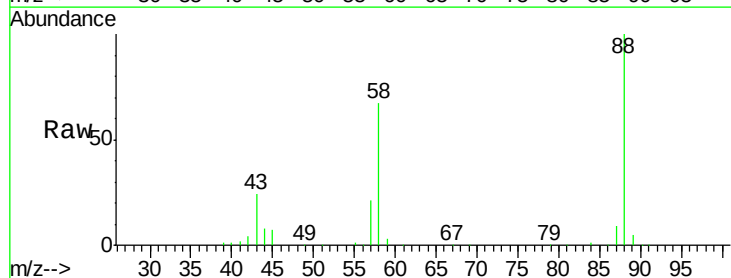
Tot Ion:152 Resp: 144164
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.2
115 70.3 52.2 78.2

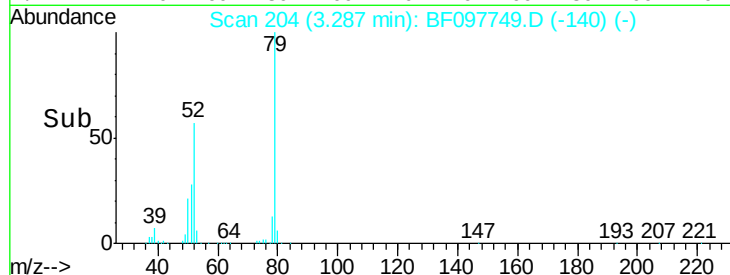
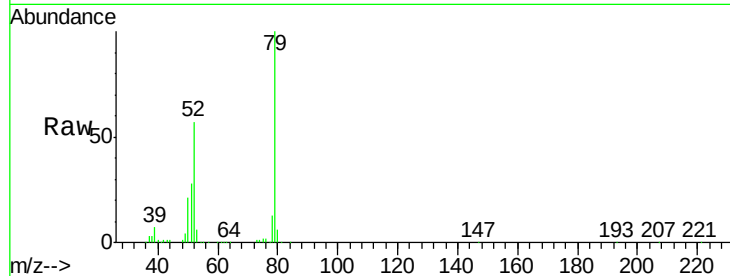
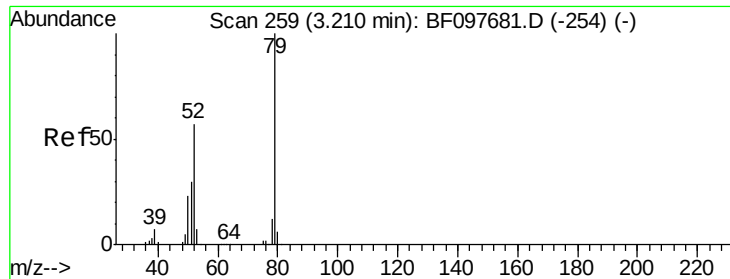


#2

1,4-Dioxane
Concen: 36.72 ng
RT: 2.57 min Scan# 83
Delta R.T. 0.08 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion: 88 Resp: 194099
Ion Ratio Lower Upper
88 100
58 67.1 61.4 92.0
43 25.4 23.4 35.0

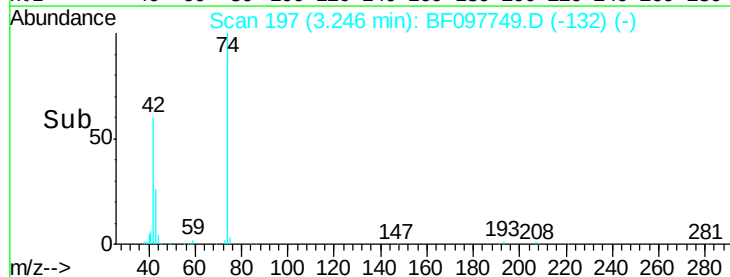
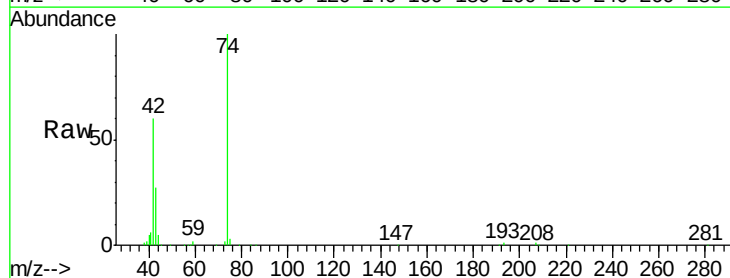
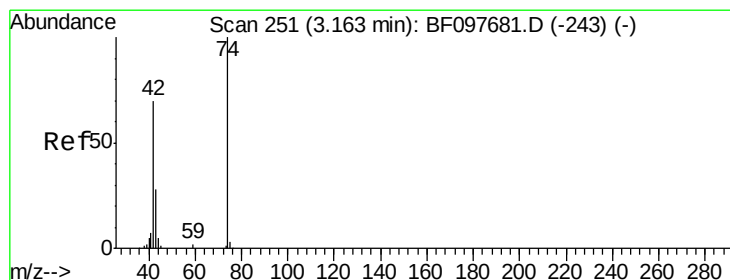
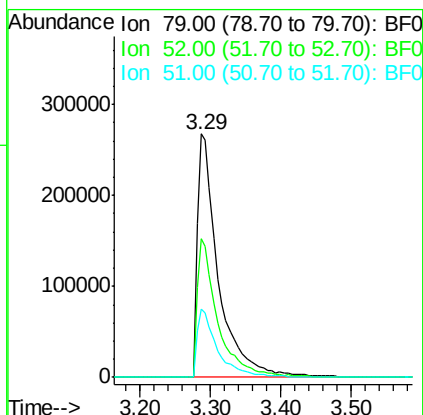




#3
 Pvrindine
 Concen: 38.50 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.08 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

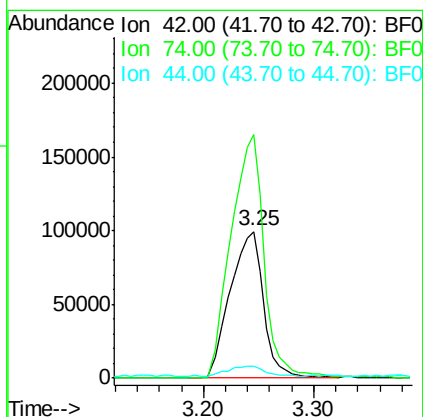
Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

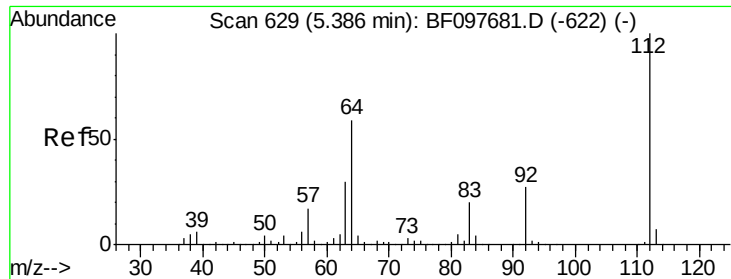
Tot Ion	Ratio	Lower	Upper
79	100		
52	56.9	54.8	82.2
51	28.0	27.0	40.4



#4
 n-Nitrosodimethylamine
 Concen: 37.53 ng
 RT: 3.25 min Scan# 197
 Delta R.T. 0.08 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	166.2	103.9	155.9#
44	7.8	5.7	8.5





#5

2-Fluorophenol

Concen: 128.19 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.02 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB101564BS

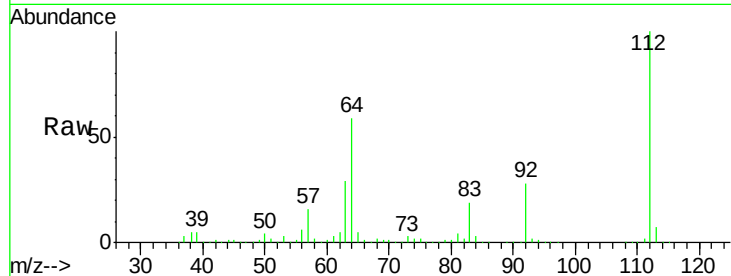
Tot Ion:112 Resp: 1214918

Ion Ratio Lower Upper

112 100

64 59.0 46.0 69.0

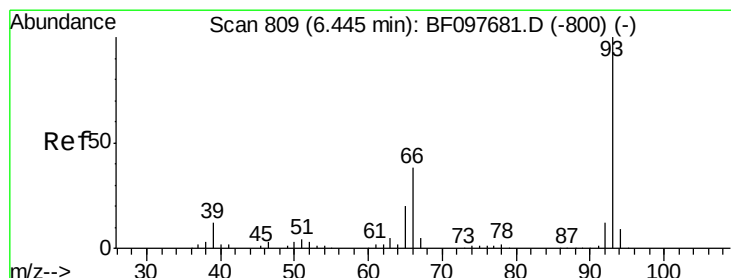
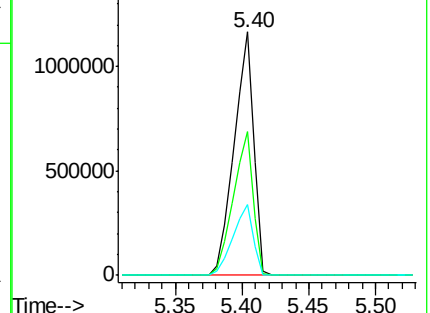
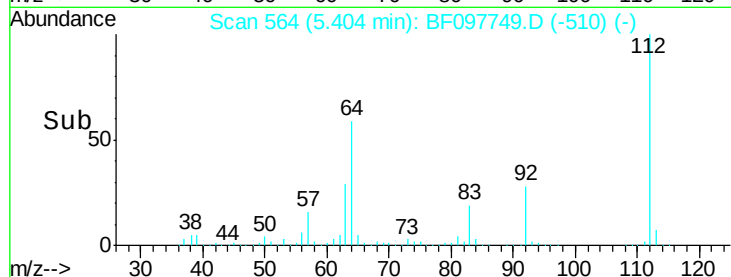
63 29.2 23.4 35.0



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: 24.87 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

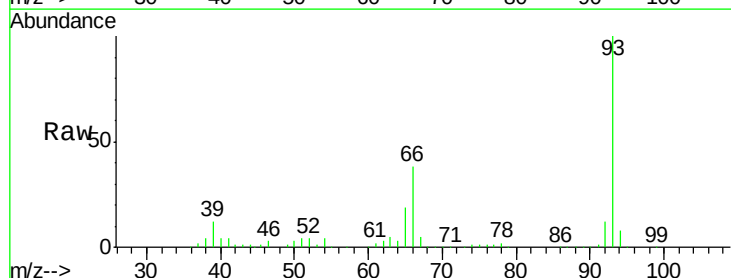
Tgt Ion: 93 Resp: 449998

Ion Ratio Lower Upper

93 100

66 38.4 32.9 49.3

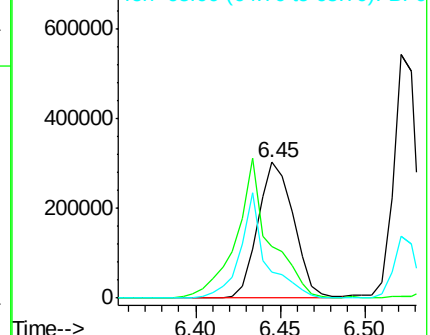
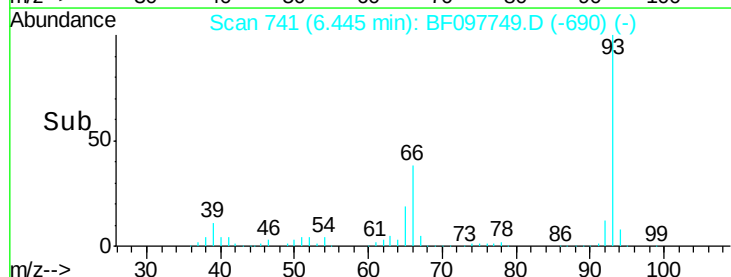
65 19.4 16.0 24.0

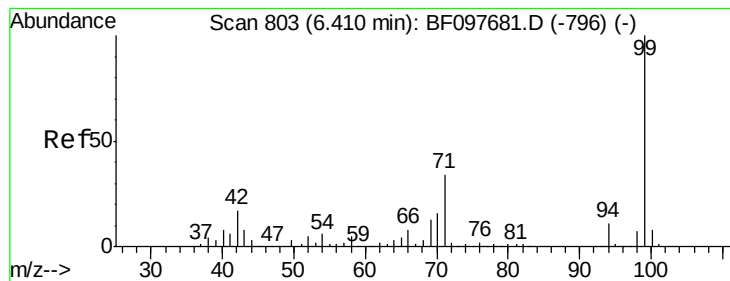


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.47 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

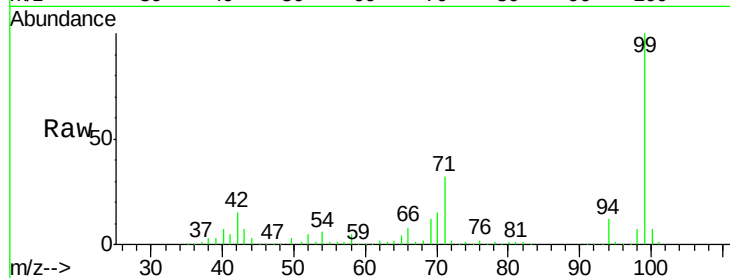
BNA_F

ClientSampleId :

PB101564BS

Tot Ion: 99 Resp: 1654321

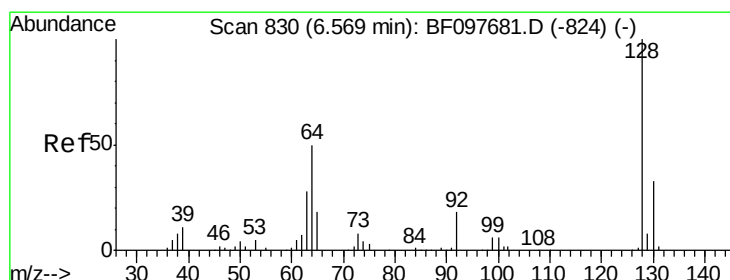
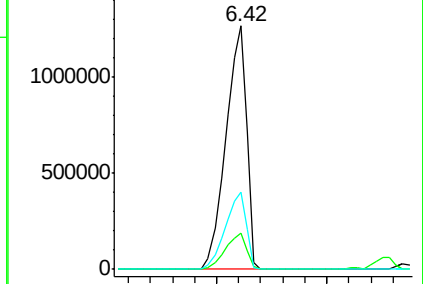
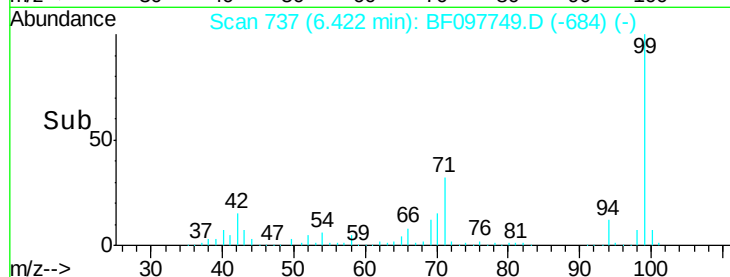
Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.5	20.3
71	31.8	24.5	36.7



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: 43.03 ng

RT: 6.57 min Scan# 762

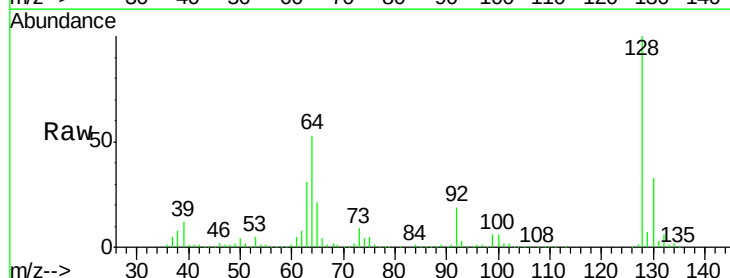
Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Tgt Ion:128 Resp: 430090

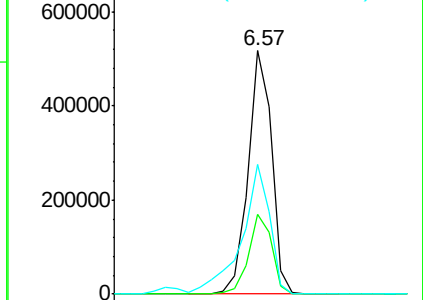
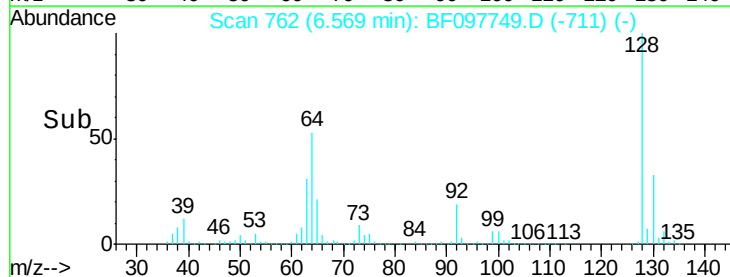
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	53.4	28.4	68.4

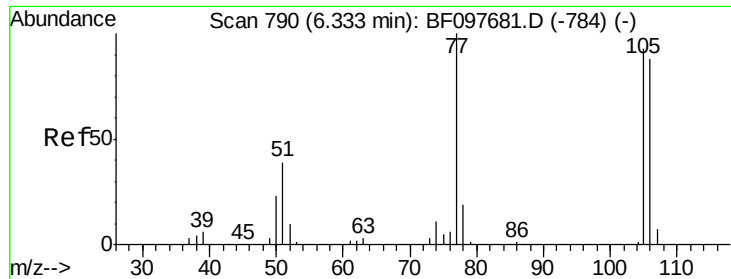


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 20.72 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

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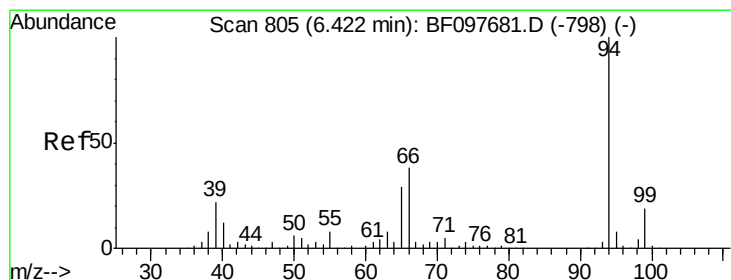
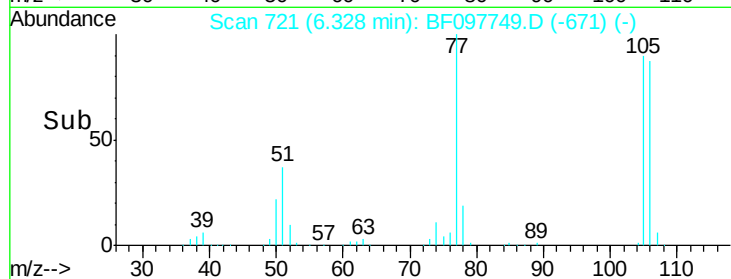
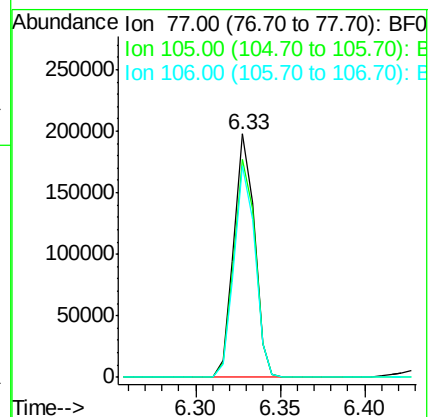
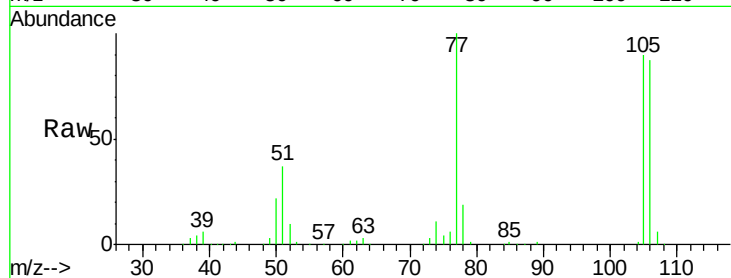
Tot Ion: 77 Resp: 168976

Ion Ratio Lower Upper

77 100

105 89.6 83.8 123.8

106 87.1 79.1 119.1



#10

Phenol

Concen: 40.73 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

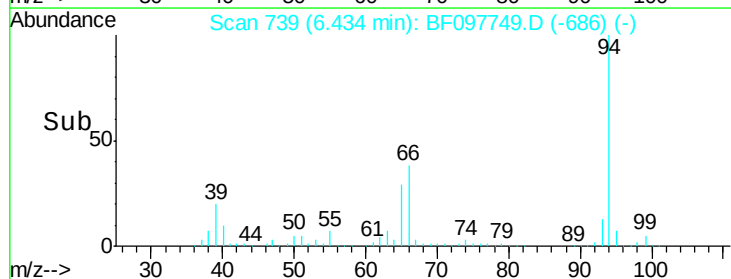
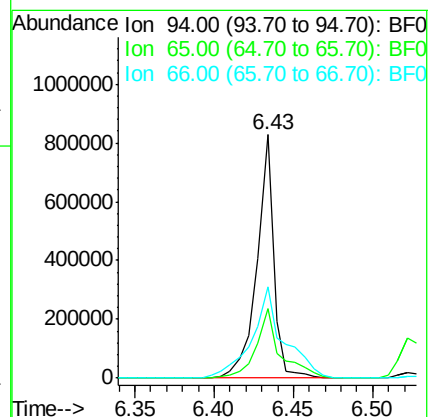
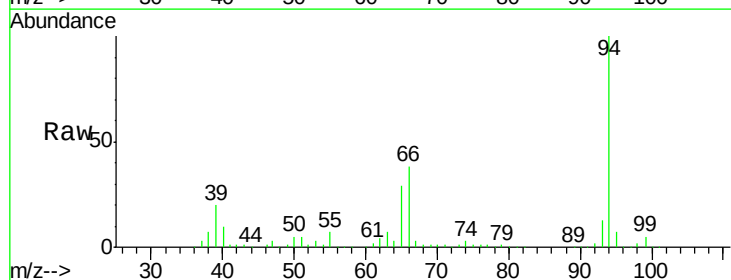
Tgt Ion: 94 Resp: 613373

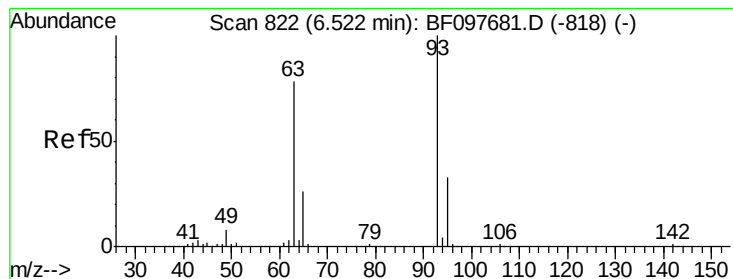
Ion Ratio Lower Upper

94 100

65 28.5 9.9 49.9

66 37.7 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 42.57 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB101564BS

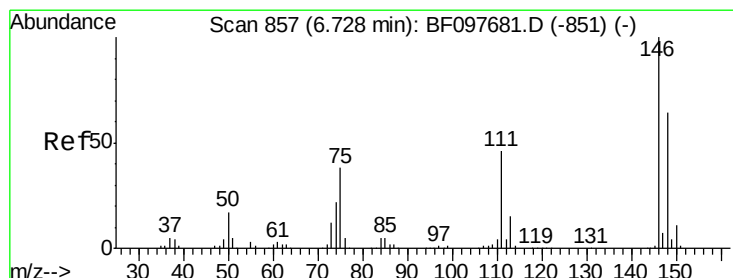
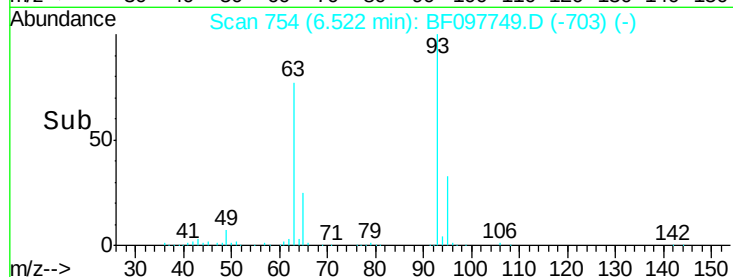
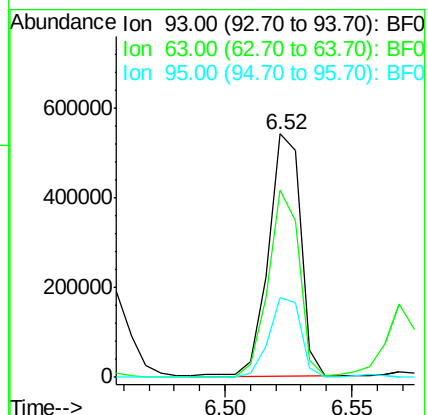
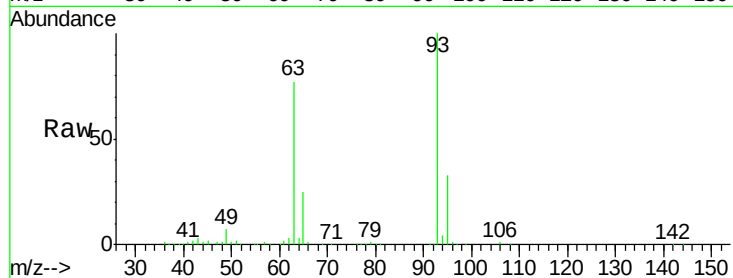
Tot Ion: 93 Resp: 483922

Ion Ratio Lower Upper

93 100

63 76.8 59.2 99.2

95 32.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 37.97 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.23 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

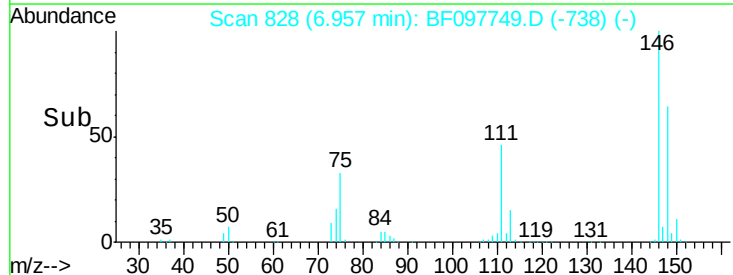
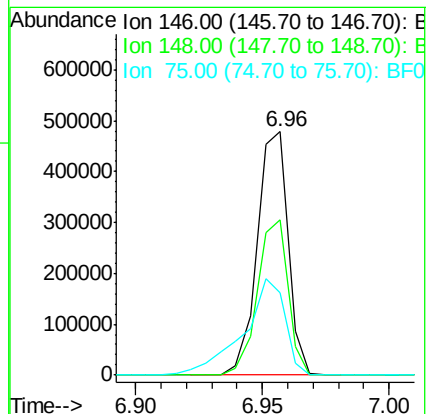
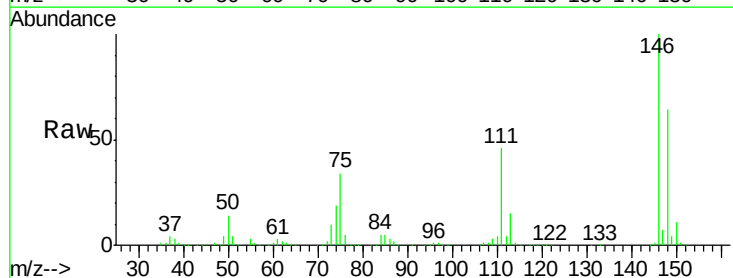
Tgt Ion: 146 Resp: 408222

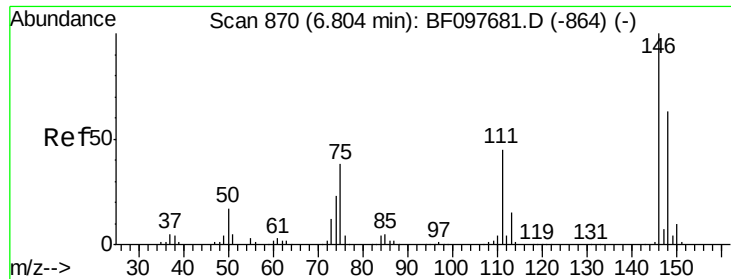
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

75 33.7 23.1 34.7

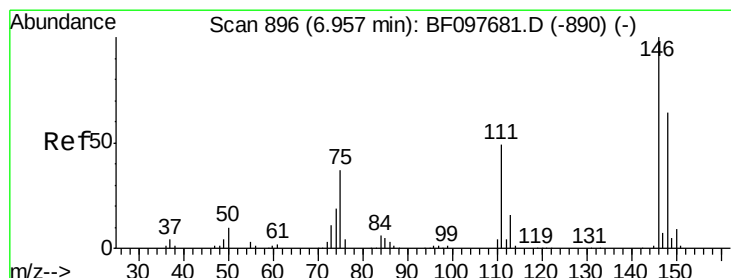
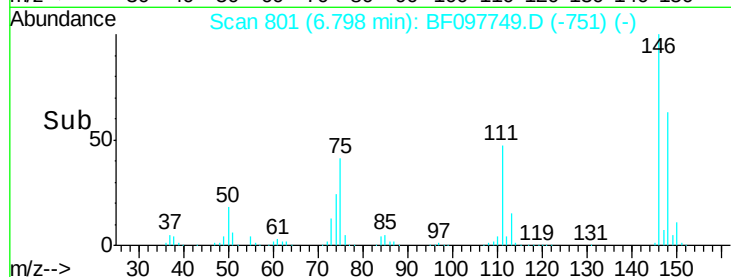
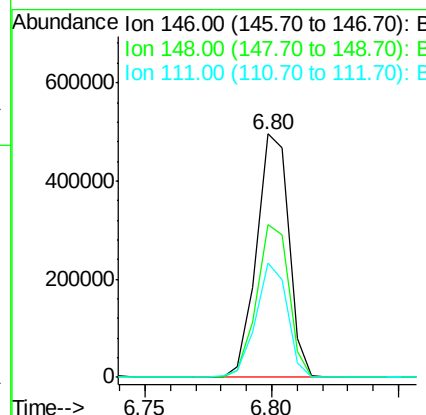
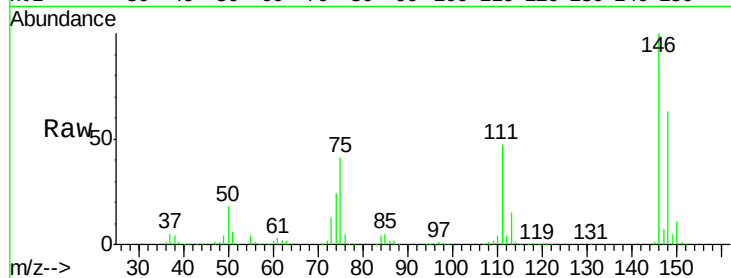




#13
 1,4-Dichlorobenzene
 Concen: 40.40 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

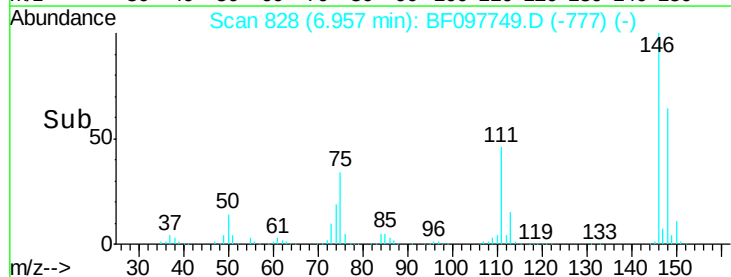
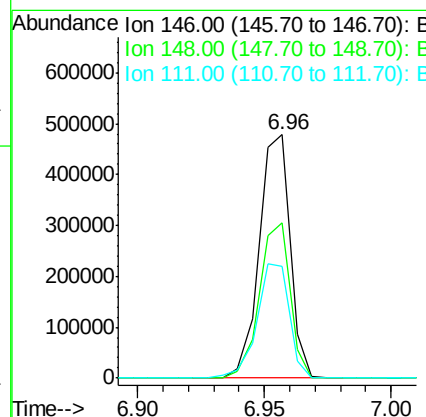
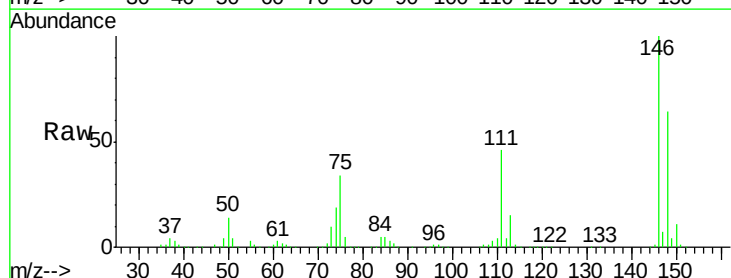
Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

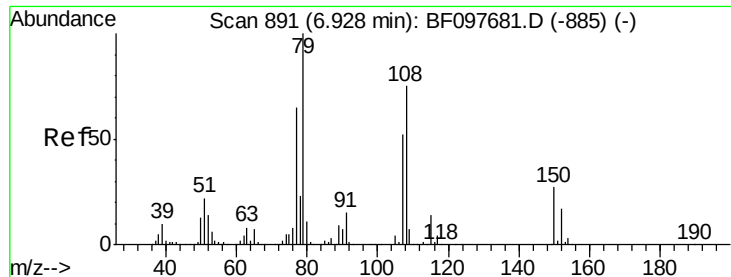
Tot Ion:146 Resp: 441800
 Ion Ratio Lower Upper
 146 100
 148 62.6 52.2 78.2
 111 47.1 30.3 45.5#



#14
 1,2-Dichlorobenzene
 Concen: 40.49 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion:146 Resp: 408222
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.4 75.6
 111 45.7 38.2 57.4

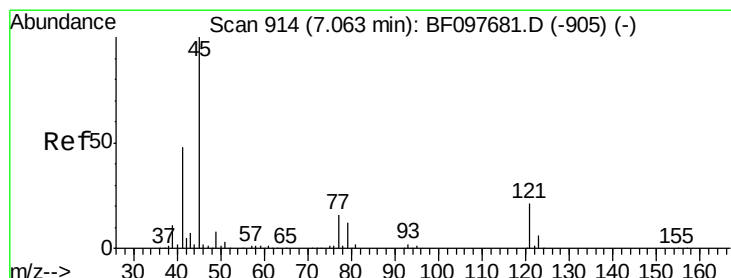
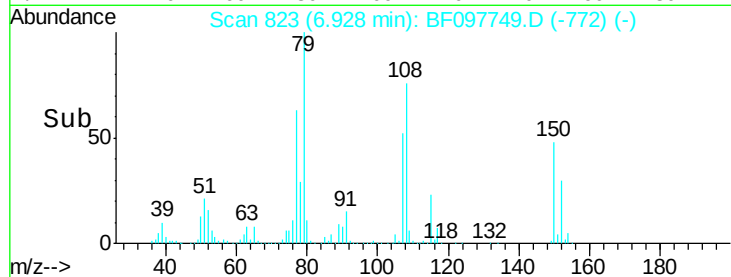
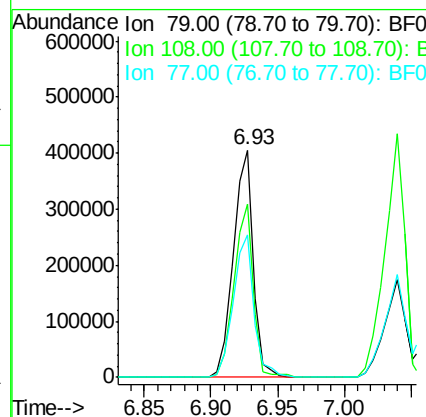
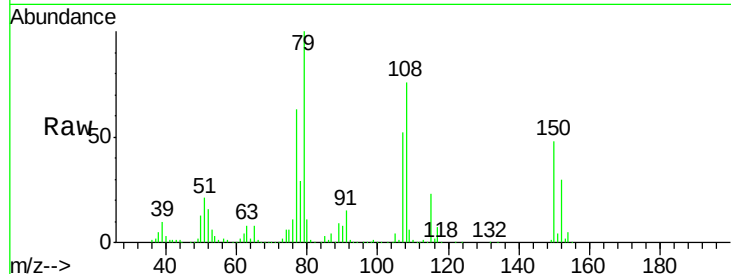




#15
Benzyl Alcohol
Concen: 44.24 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

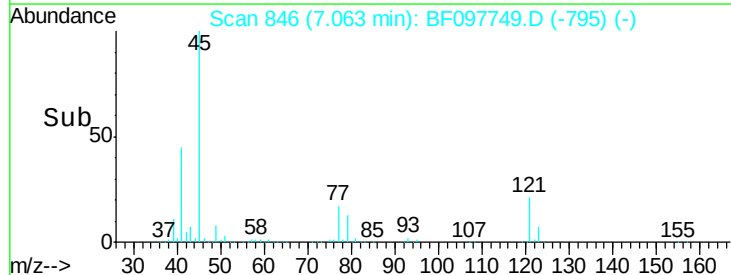
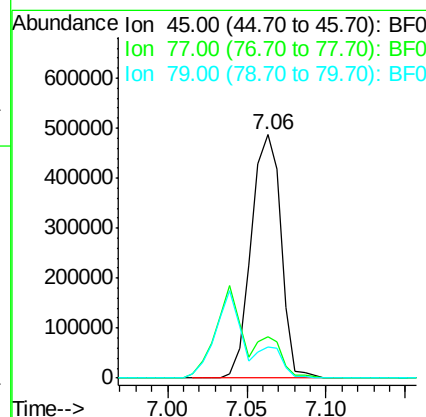
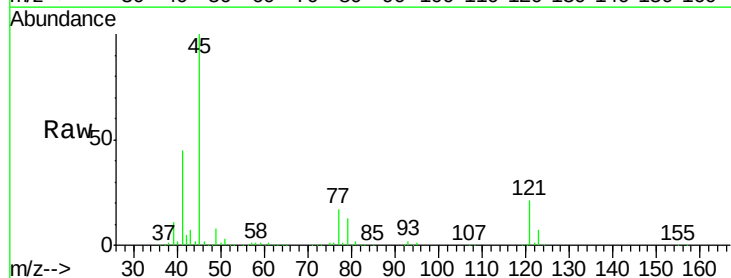
Instrument :
BNA_F
ClientSampleId :
PB101564BS

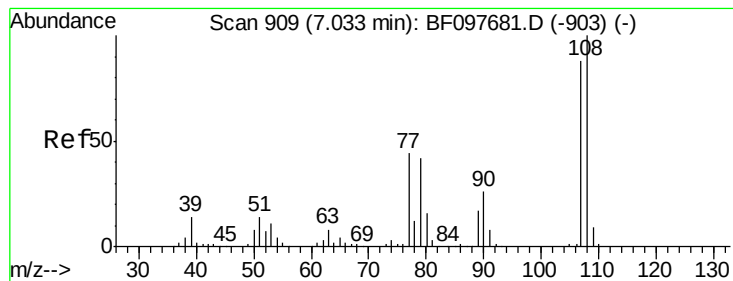
Tot Ion: 79 Resp: 426488
Ion Ratio Lower Upper
79 100
108 76.1 63.4 95.0
77 62.7 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.61 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion: 45 Resp: 636394
Ion Ratio Lower Upper
45 100
77 17.0 0.0 33.2
79 12.7 0.0 30.0

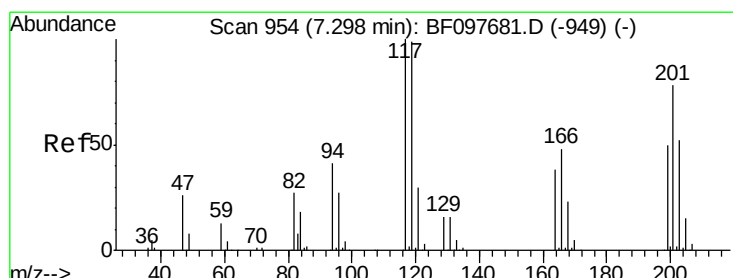
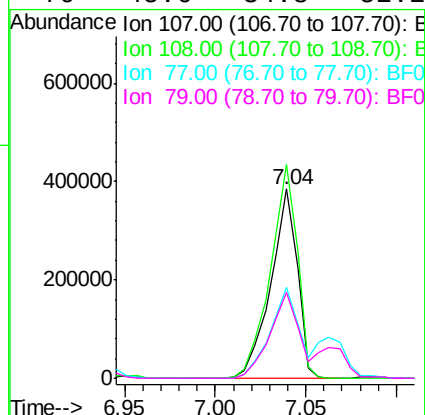
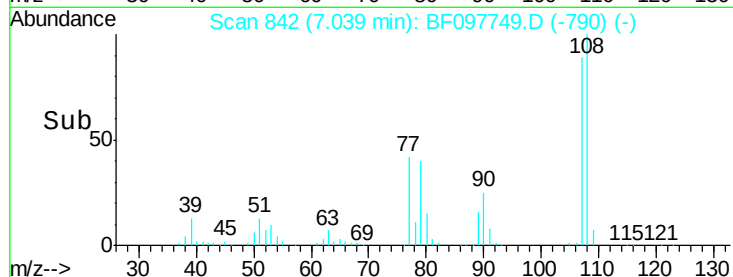
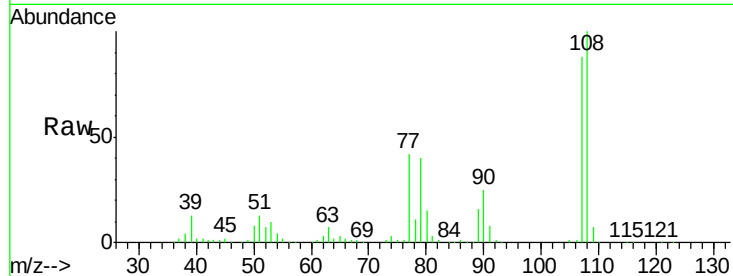




#17
2-Methylphenol
Concen: 44.27 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

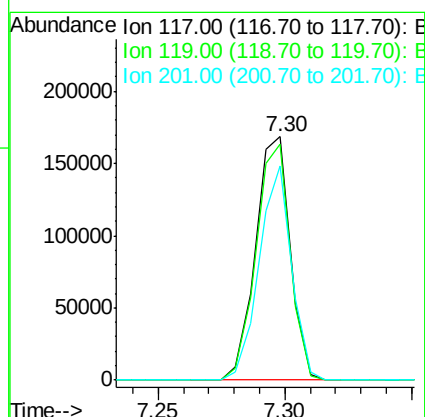
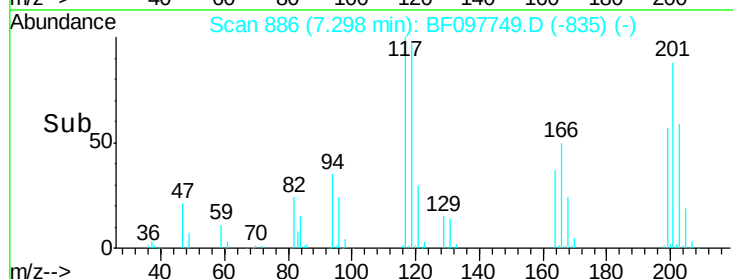
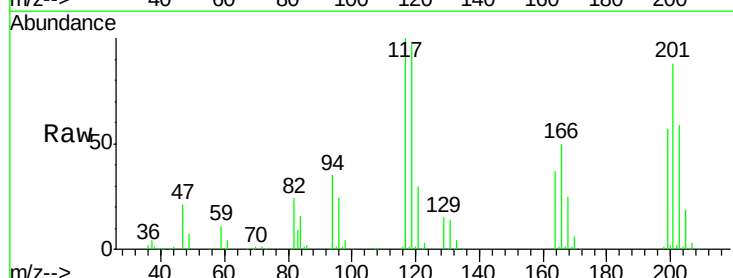
Instrument :
BNA_F
ClientSampleId :
PB101564BS

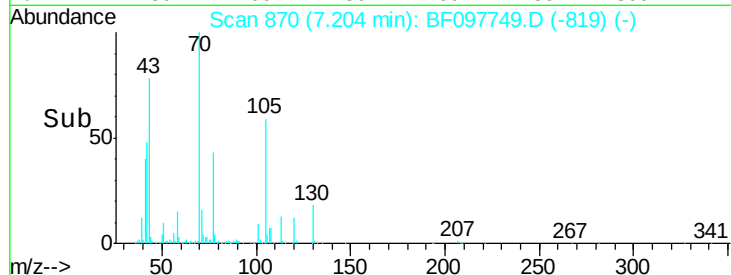
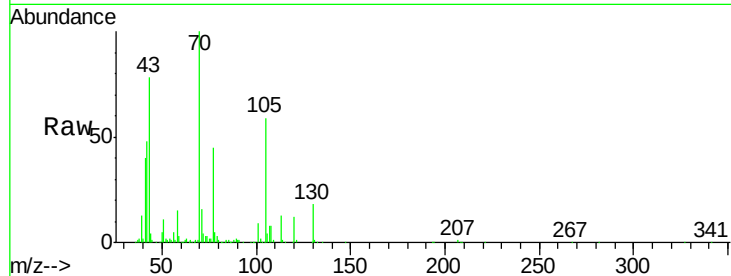
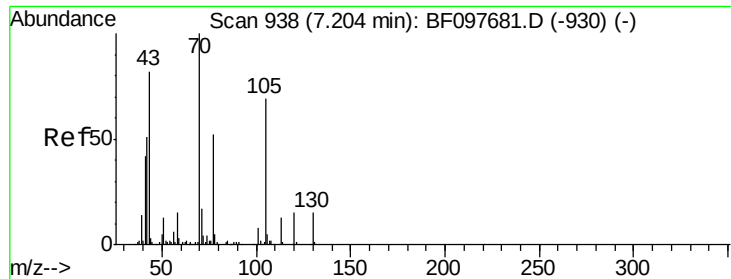
Tot Ion:	107	Resp:	389902
Ion	Ratio	Lower	Upper
107	100		
108	113.0	93.4	140.0
77	47.9	35.8	53.6
79	45.6	34.8	52.2



#18
Hexachloroethane
Concen: 37.35 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion:	117	Resp:	160121
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.4	116.0
201	88.0	94.6	141.8#

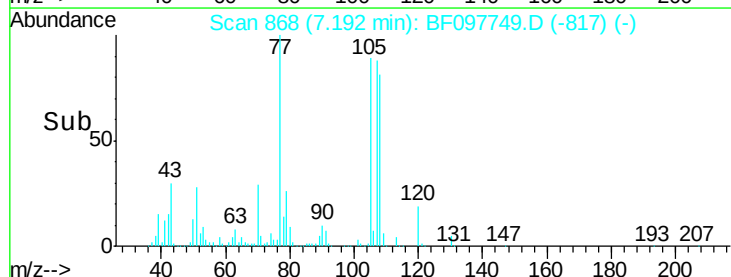
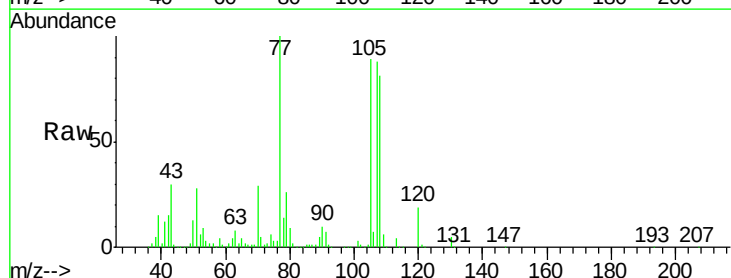
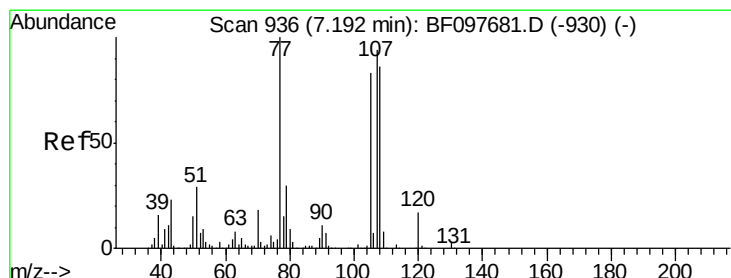
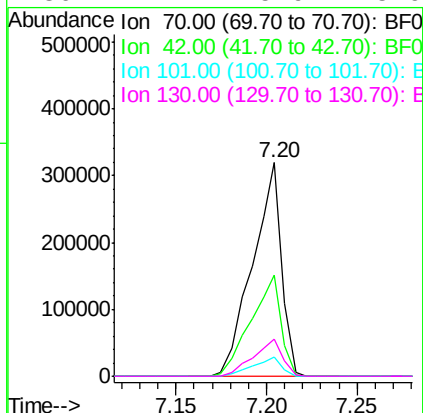




#19
n-Nitroso-di-n-propylamine
Concen: 40.27 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

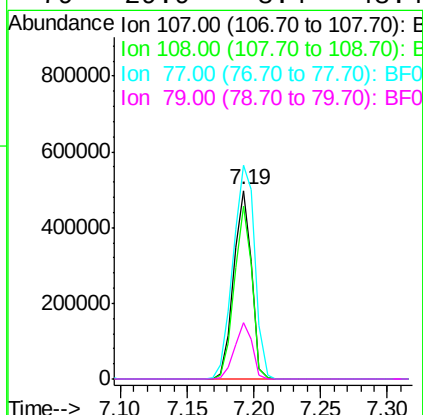
Instrument :
BNA_F
ClientSampleId :
PB101564BS

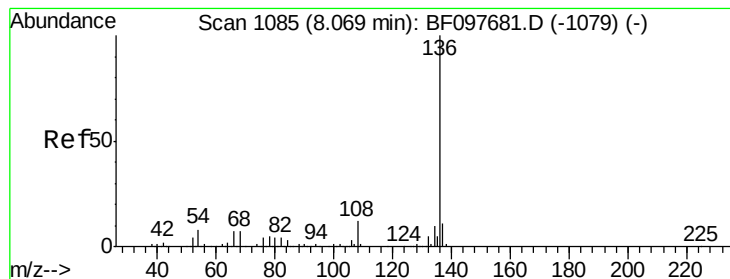
Tot Ion:	70	Resp:	355006
Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.2	70.8
101	9.0	7.2	10.8
130	17.7	15.9	23.9



#20
3+4-Methylphenols
Concen: 43.49 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion:	107	Resp:	467901
Ion	Ratio	Lower	Upper
107	100		
108	91.3	71.0	111.0
77	113.1	90.5	130.5
79	29.9	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB101564BS

Tot Ion:136 Resp: 570509

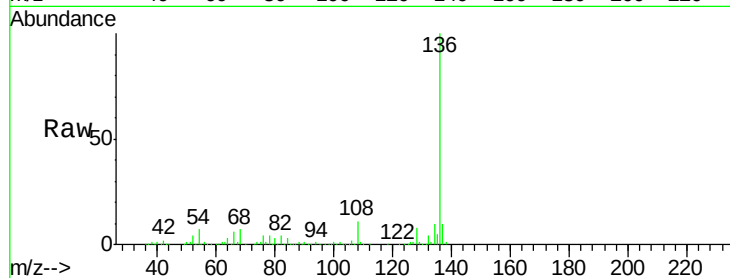
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 7.2 4.9 7.3

68 7.0 4.1 6.1#

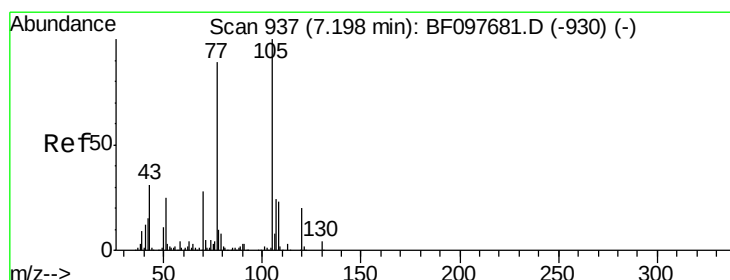
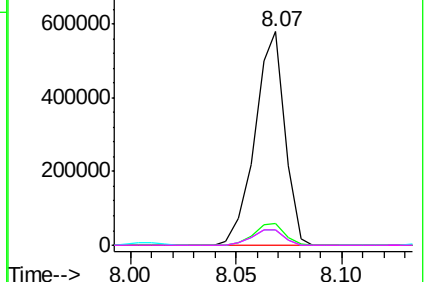
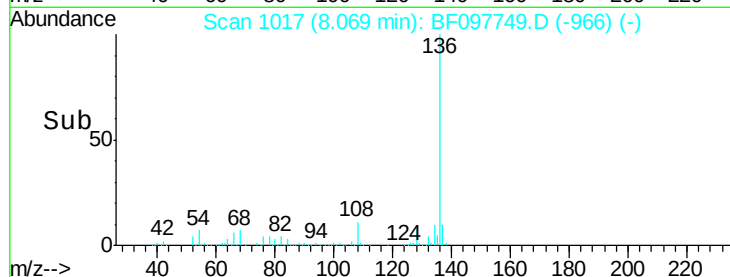


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.72 ng

RT: 7.20 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Tgt Ion:105 Resp: 628722

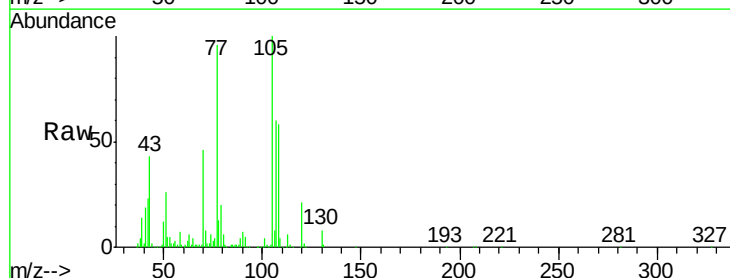
Ion Ratio Lower Upper

105 100

71 7.7 2.8 4.2#

51 25.6 30.7 46.1#

120 21.2 17.4 26.0

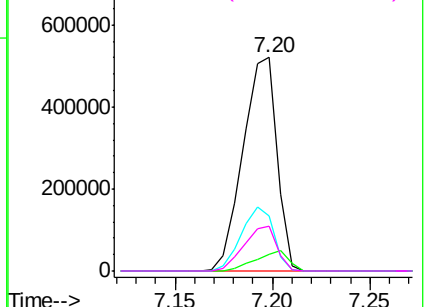
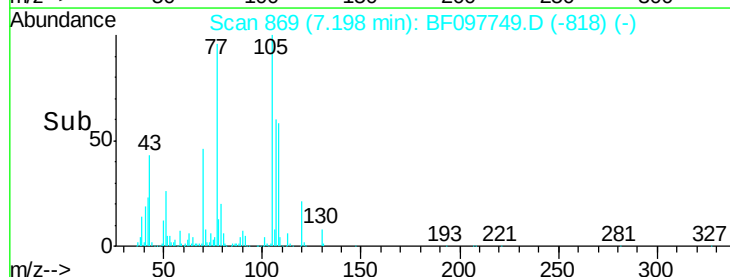


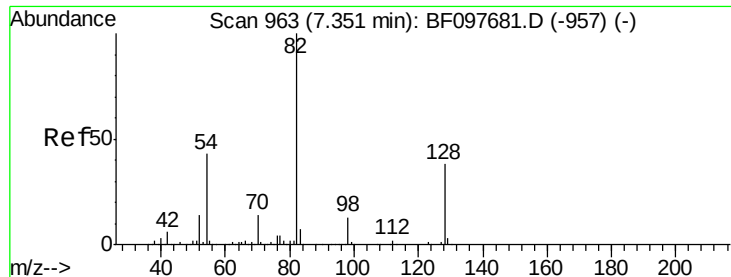
Abundance Ion 105.00 (104.70 to 105.70): E

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

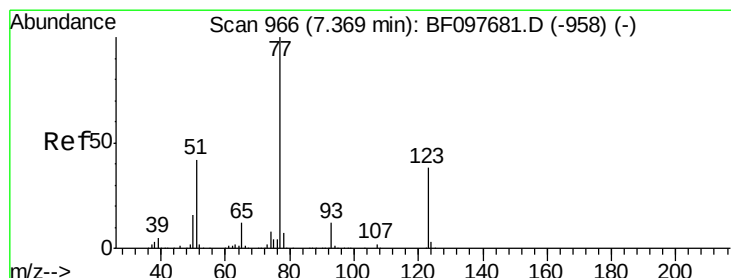
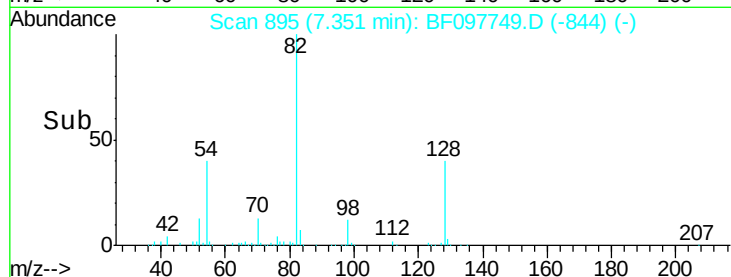
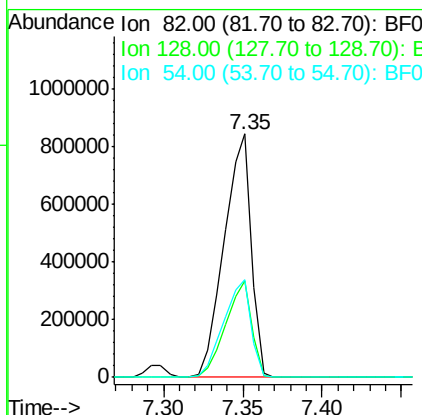
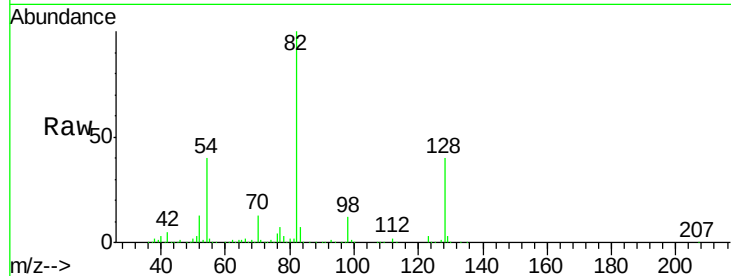




#23
 Nitrobenzene-d5
 Concen: 94.93 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

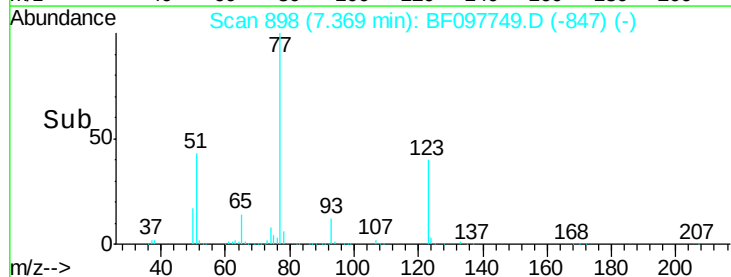
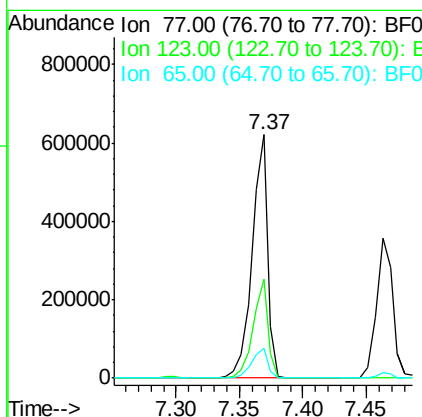
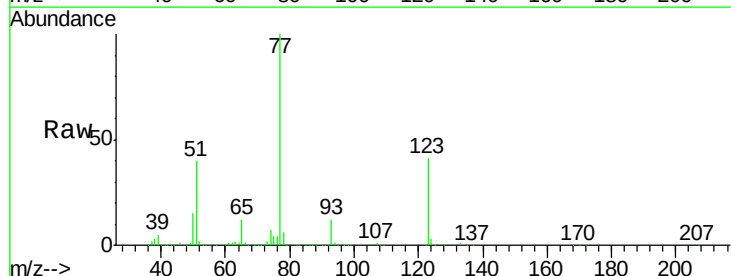
Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

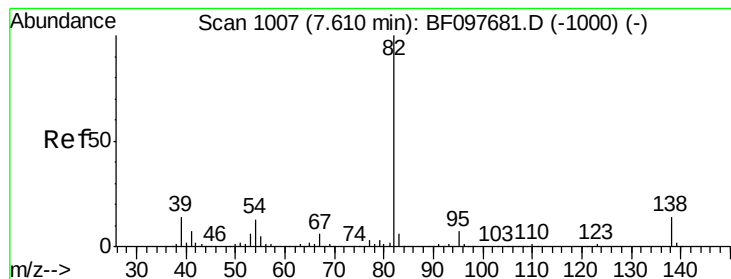
Tot Ion	82	Resp	996981
Ion Ratio	100	Lower	Upper
128	39.7	34.0	51.0
54	40.1	42.2	63.2#



#24
 Nitrobenzene
 Concen: 45.56 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion	77	Resp	532735
Ion Ratio	100	Lower	Upper
123	40.5	35.8	53.8
65	12.3	10.6	15.8





#25

Isophorone

Concen: 44.30 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB101564BS

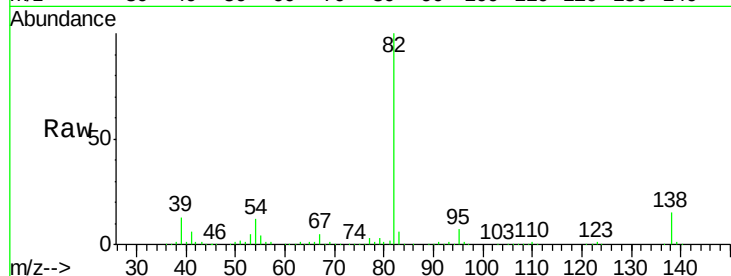
Tot Ion: 82 Resp: 967384

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

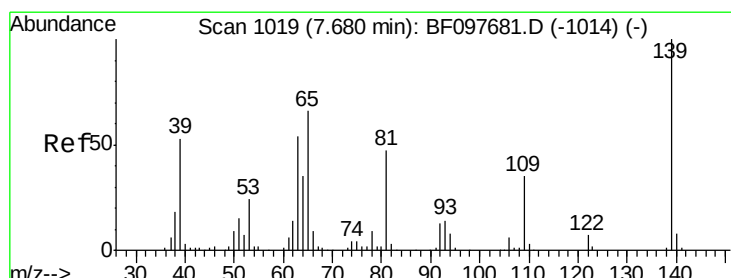
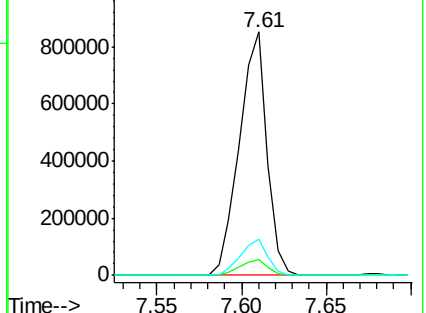
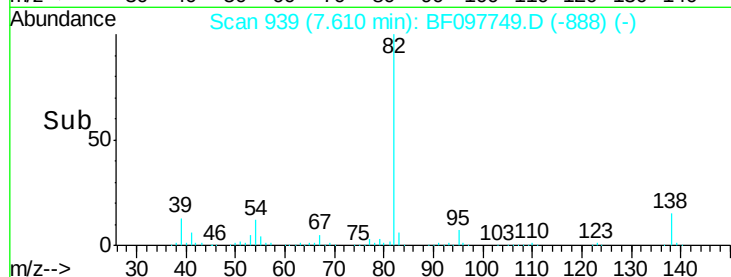
138 14.9 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.68 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

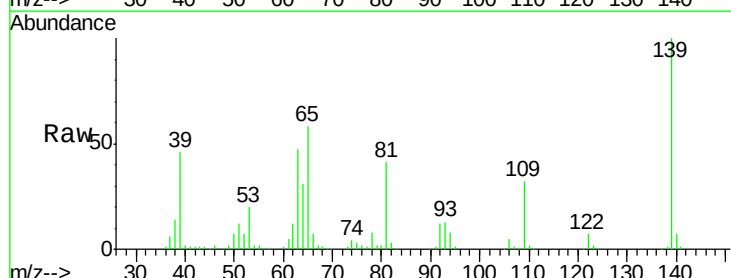
Tgt Ion: 139 Resp: 192294

Ion Ratio Lower Upper

139 100

109 31.9 21.0 31.6#

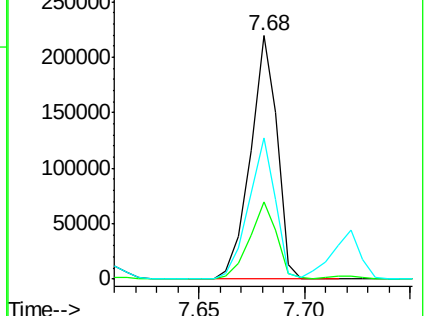
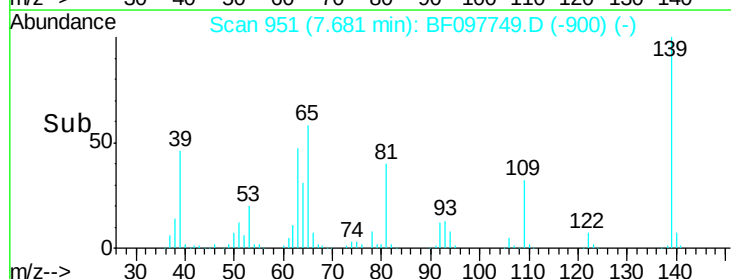
65 58.1 33.0 49.6#

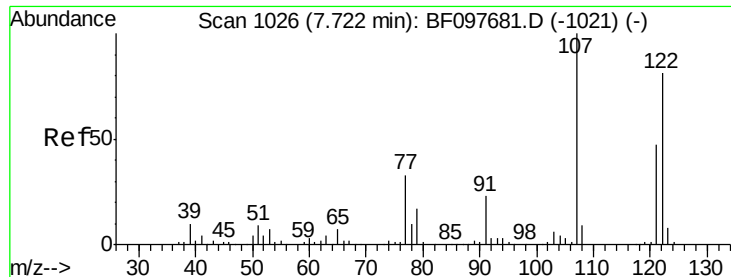


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

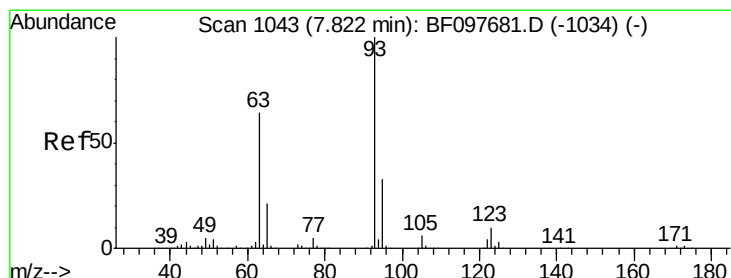
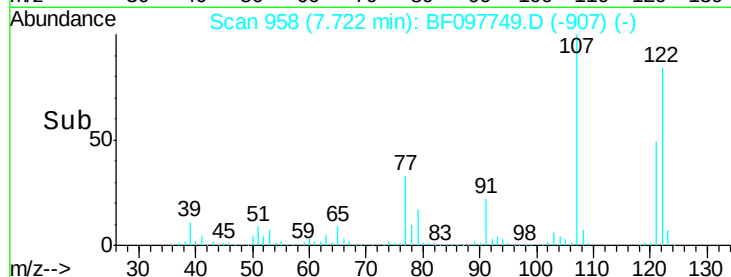
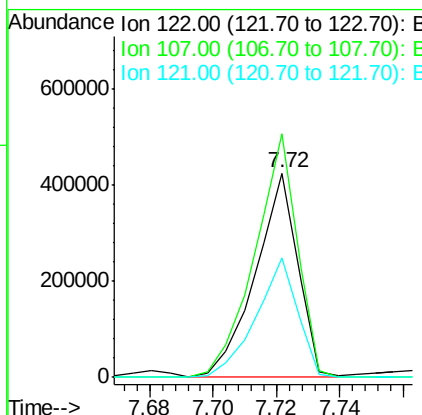
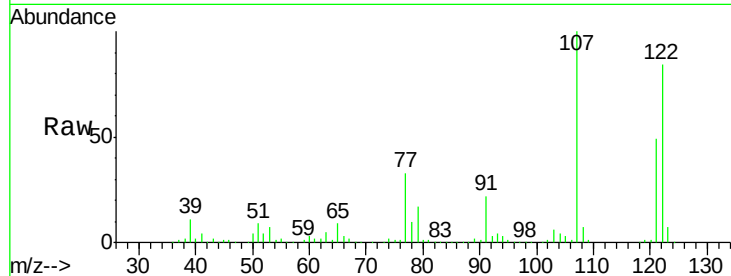




#27
 2,4-Dimethylphenol
 Concen: 43.54 ng
 RT: 7.72 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

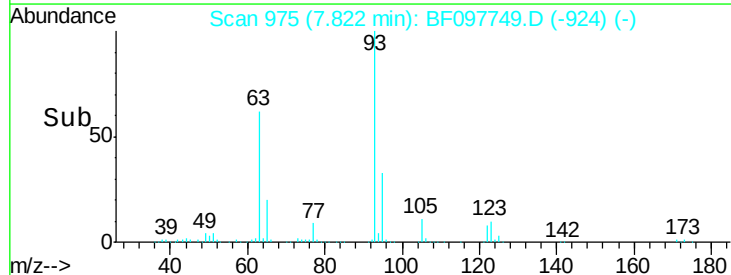
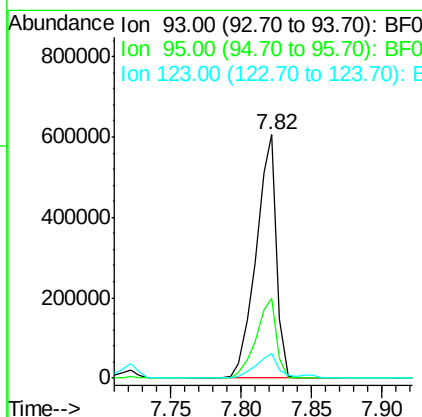
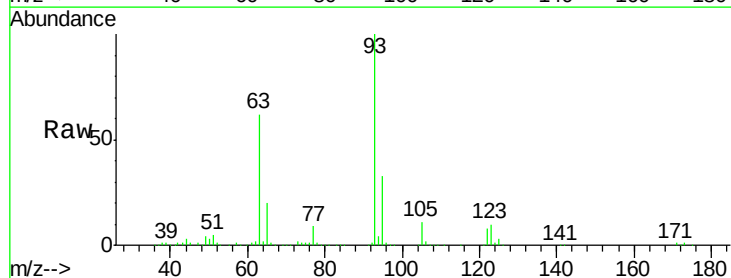
Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

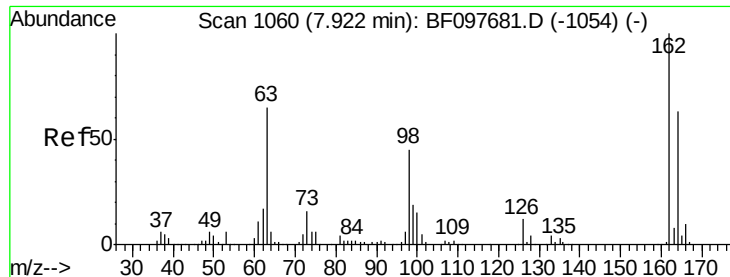
Tot Ion:122 Resp: 396539
 Ion Ratio Lower Upper
 122 100
 107 119.1 89.2 133.8
 121 58.3 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.85 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion: 93 Resp: 615143
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.5 39.7
 123 10.2 9.0 13.4

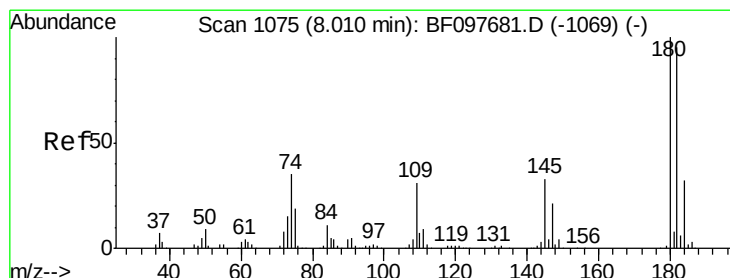
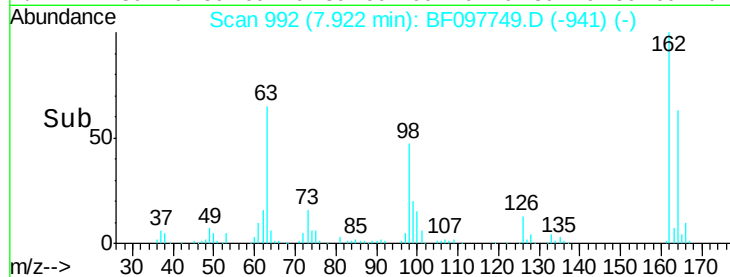
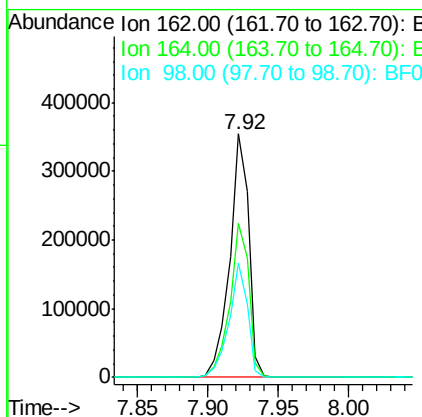
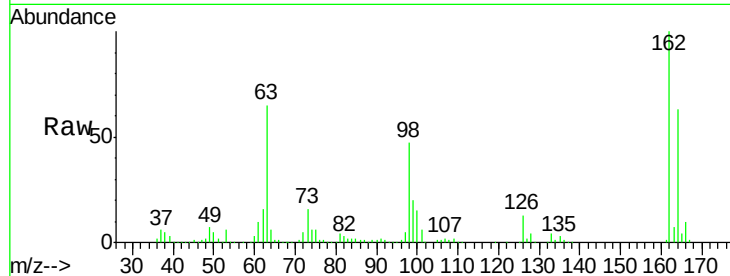




#29
 2,4-Dichlorophenol
 Concen: 43.85 ng
 RT: 7.92 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

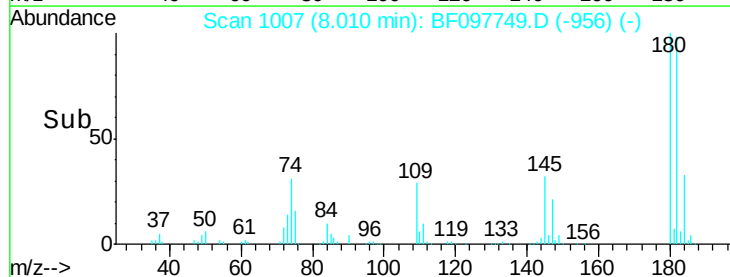
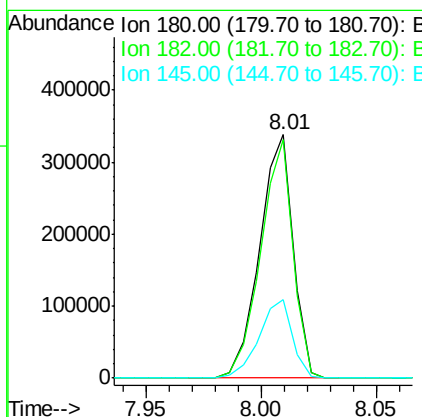
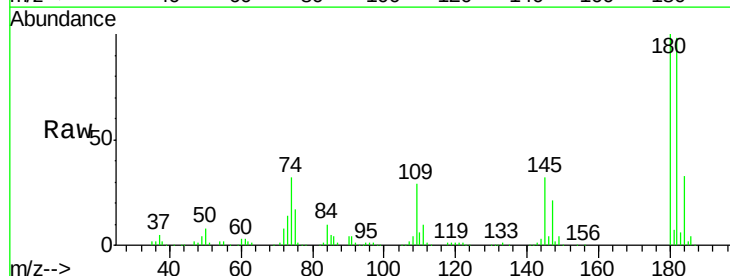
Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

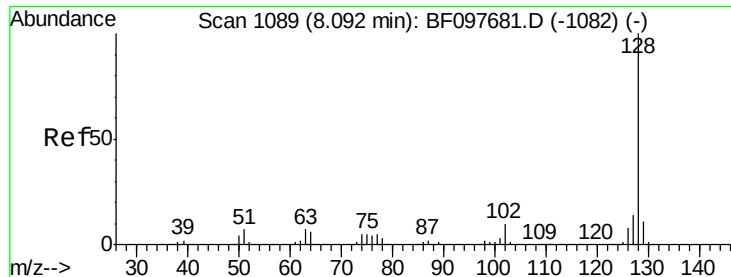
Tot Ion:162 Resp: 331481
 Ion Ratio Lower Upper
 162 100
 164 63.2 44.6 84.6
 98 47.0 14.8 54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 40.59 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion:180 Resp: 340144
 Ion Ratio Lower Upper
 180 100
 182 97.9 75.8 113.6
 145 32.3 25.3 37.9

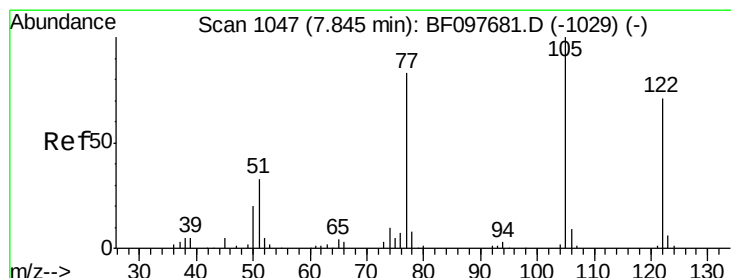
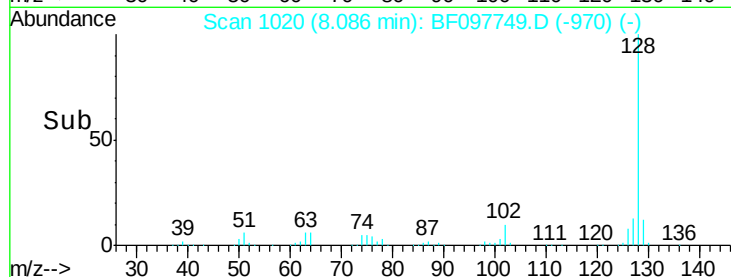
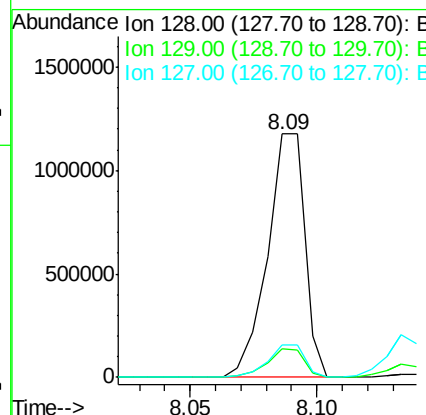
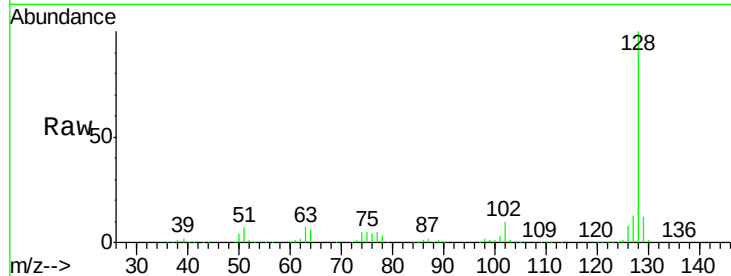




#31
Naphthalene
Concen: 40.73 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

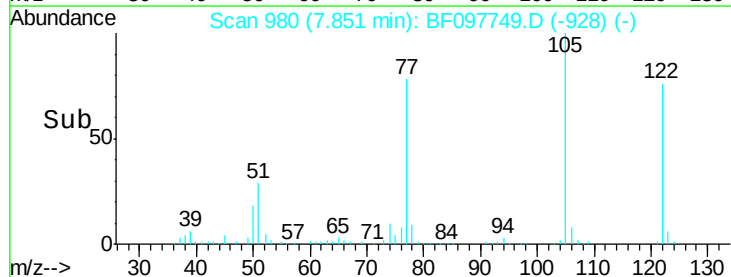
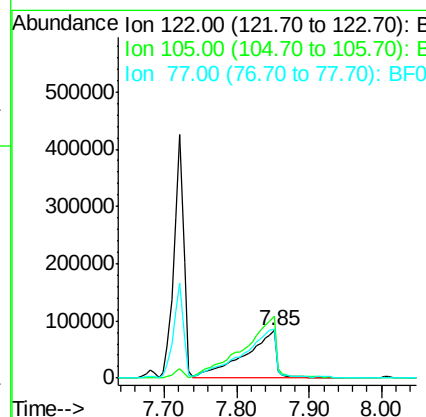
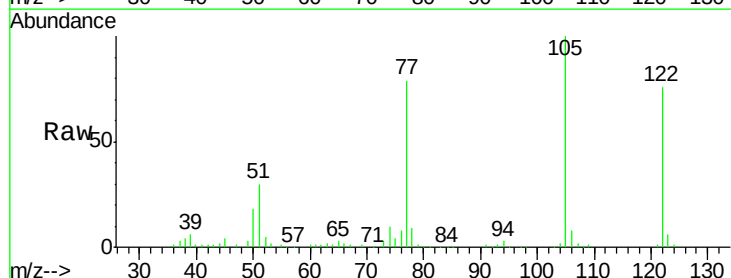
Instrument :
BNA_F
ClientSampleId :
PB101564BS

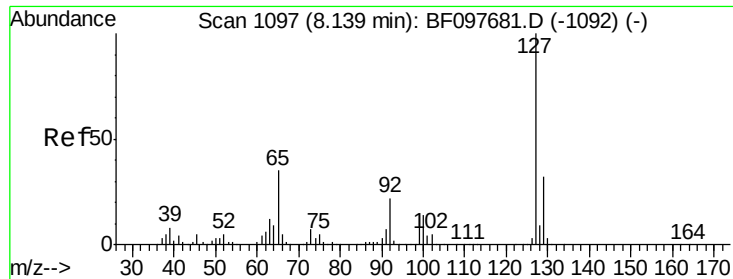
Tot Ion:128 Resp: 1206193
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 39.74 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion:122 Resp: 255238
Ion Ratio Lower Upper
122 100
105 131.2 103.3 143.3
77 103.9 73.7 113.7

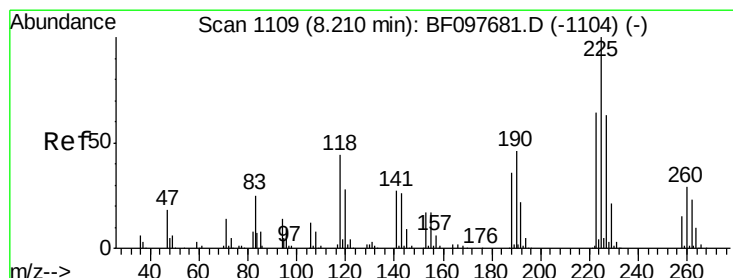
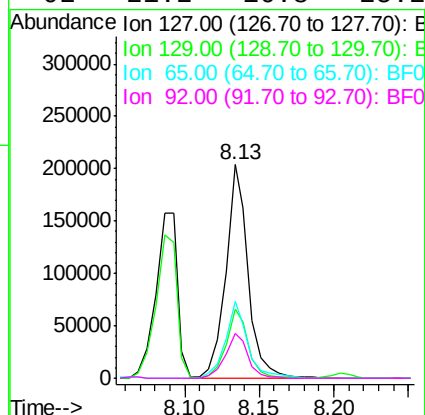
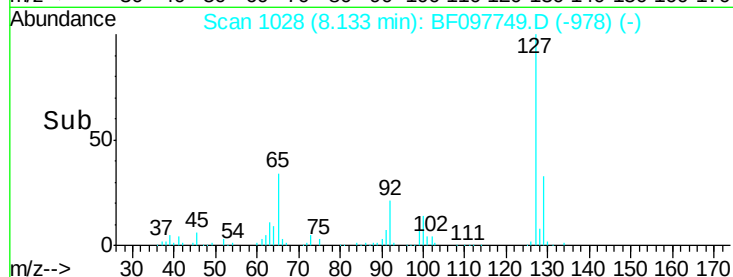
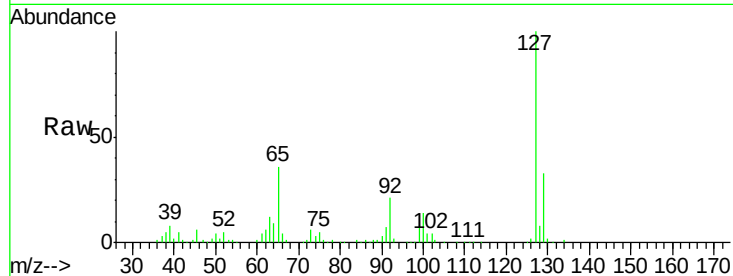




#33
4-Chloroaniline
Concen: 17.10 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

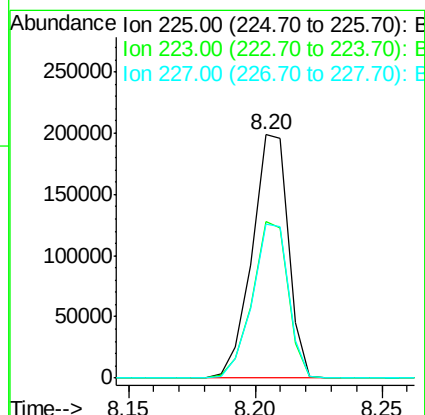
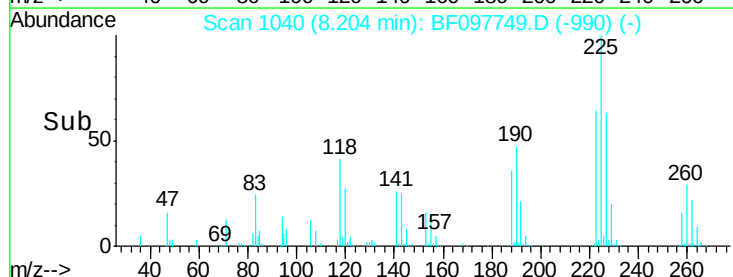
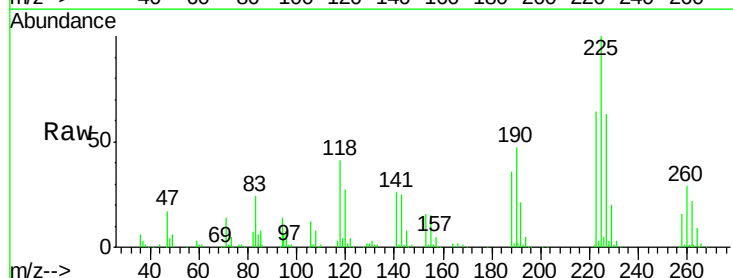
Instrument :
BNA_F
ClientSampleId :
PB101564BS

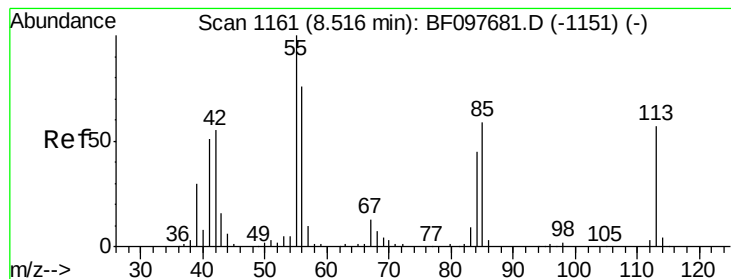
Tot Ion:	127	Resp:	213606
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	35.7	27.8	41.8
92	21.2	16.8	25.2



#34
Hexachlorobutadiene
Concen: 40.54 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion:	225	Resp:	198362
Ion	Ratio	Lower	Upper
225	100		
223	64.4	48.8	73.2
227	63.5	51.1	76.7





#35

Caprolactam

Concen: 42.90 ng

RT: 8.51 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB101564BS

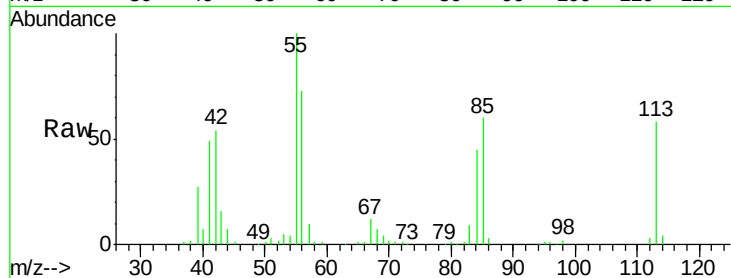
Tot Ion:113 Resp: 110257

Ion Ratio Lower Upper

113 100

55 172.9 150.2 190.2

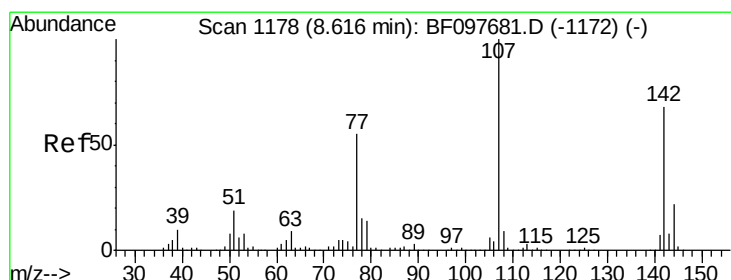
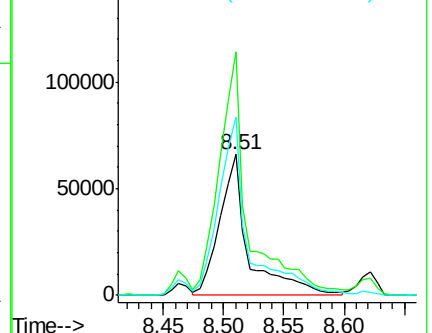
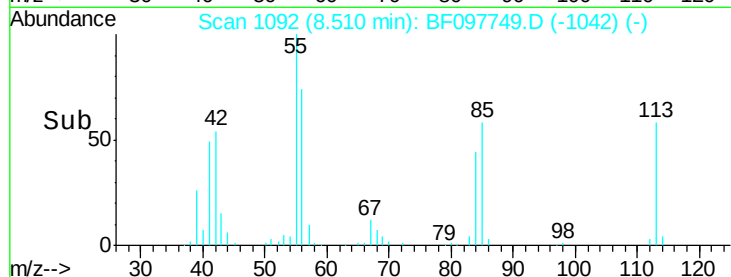
56 127.0 107.8 147.8



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: 40.82 ng

RT: 8.62 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

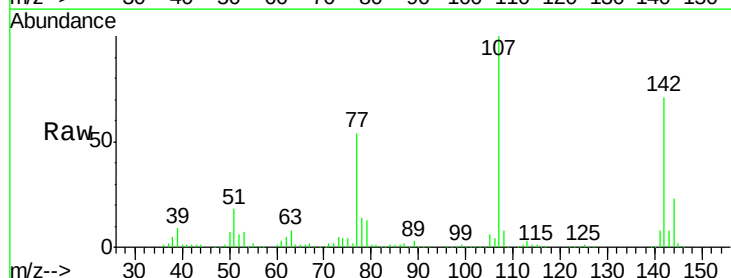
Tgt Ion:107 Resp: 396482

Ion Ratio Lower Upper

107 100

144 22.7 24.2 36.4#

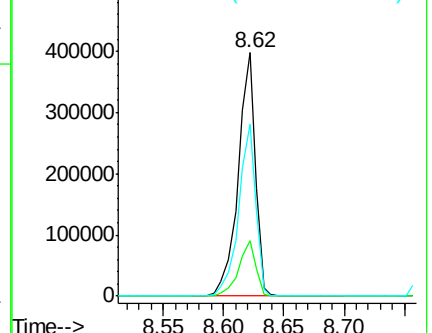
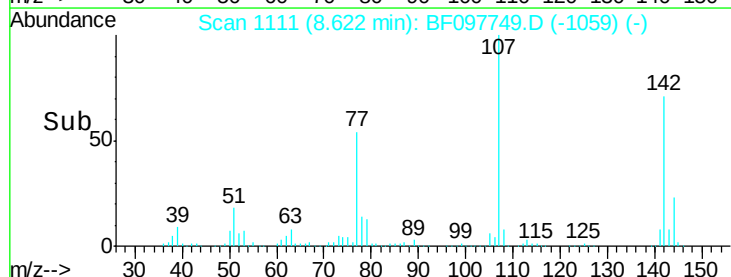
142 70.5 73.4 110.0#

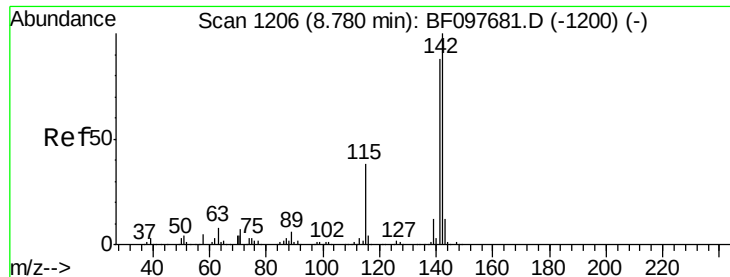


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

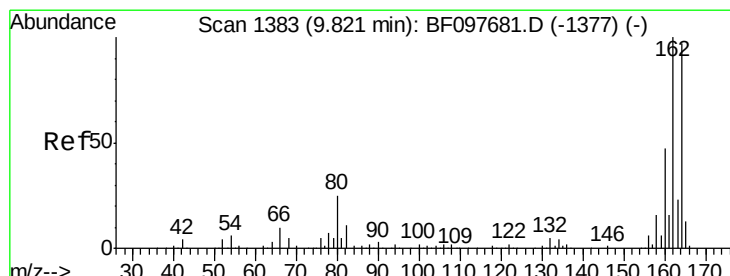
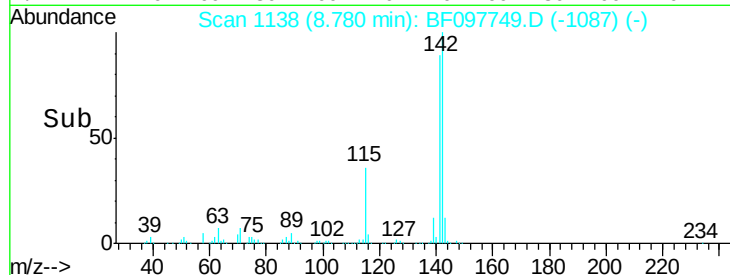
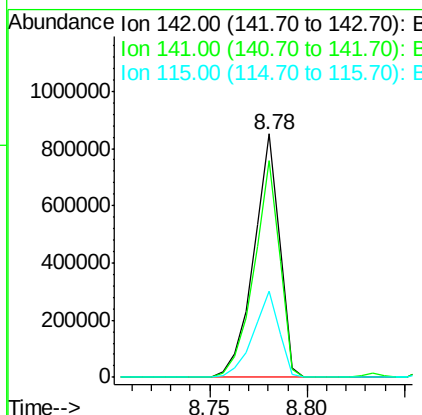
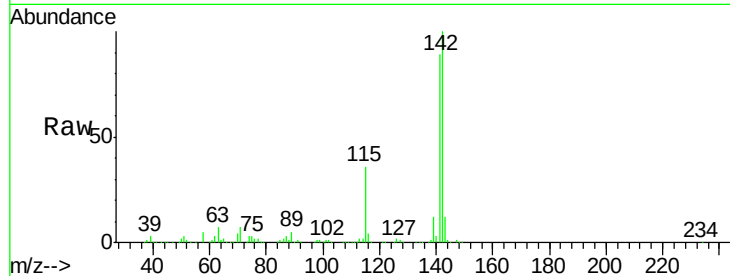




#37
 2-Methylnaphthalene
 Concen: 42.77 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

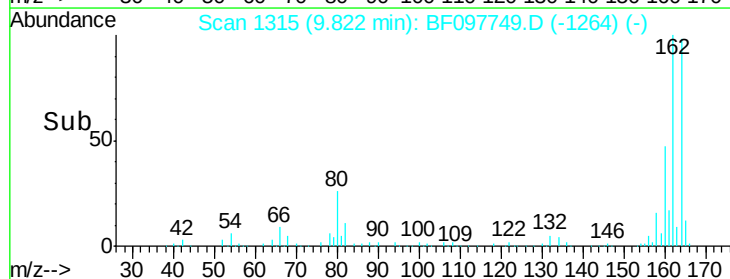
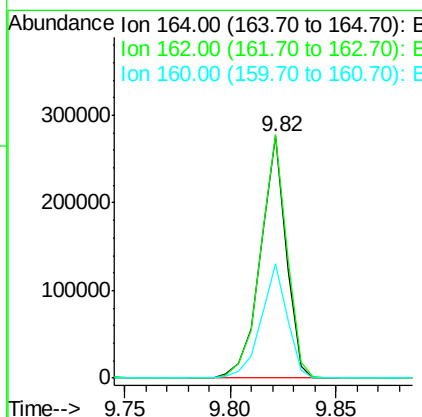
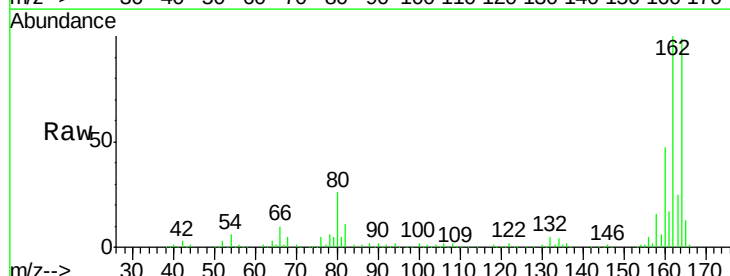
Instrument :
 BNA_F
 ClientSampleID :
 PB101564BS

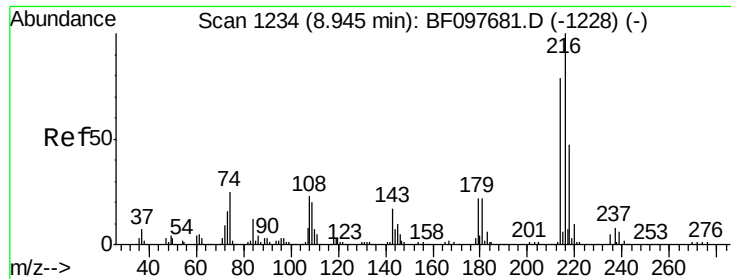
Tot Ion:142 Resp: 776689
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.3 106.9
 115 35.5 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion:164 Resp: 234008
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.6 123.8
 160 47.3 36.2 54.2

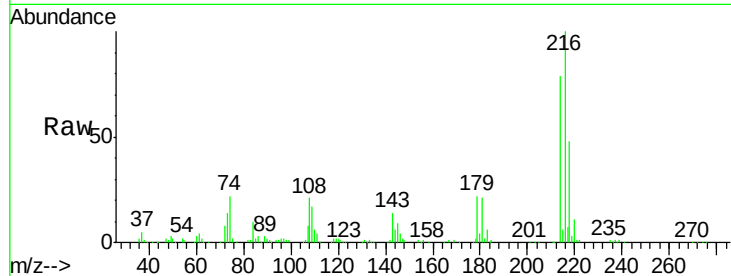




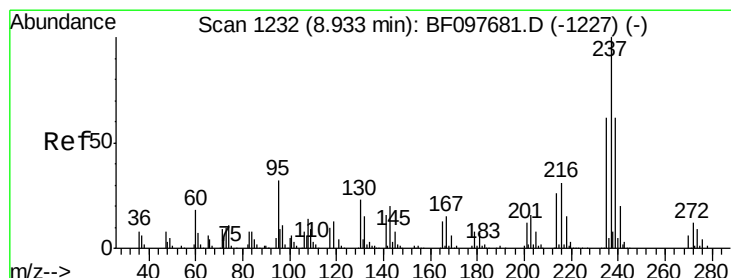
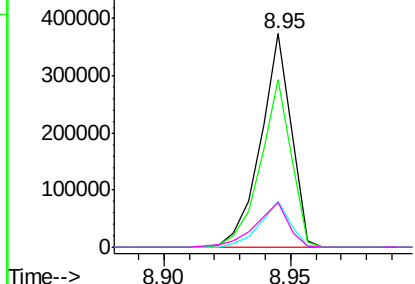
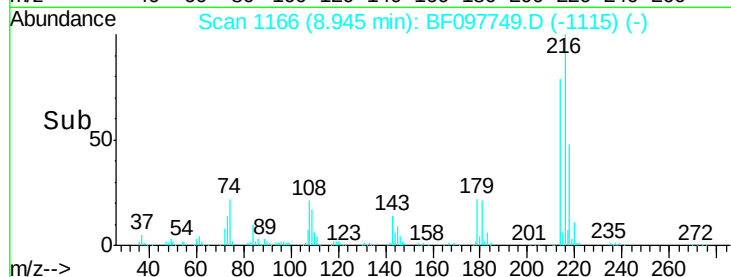
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.07 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

Tot Ion:216	Resp:	316476
Ion Ratio	Lower	Upper
216	100	
214	78.9	63.4 95.2
179	21.7	17.9 26.9
108	22.8	16.5 24.7

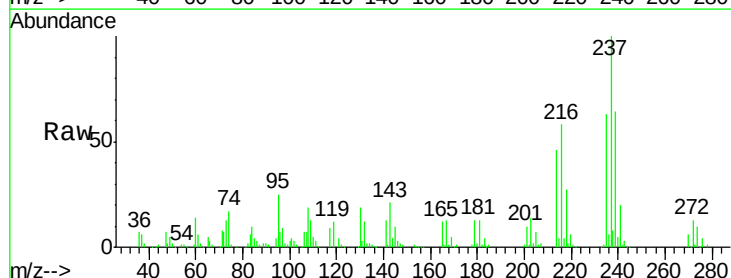


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

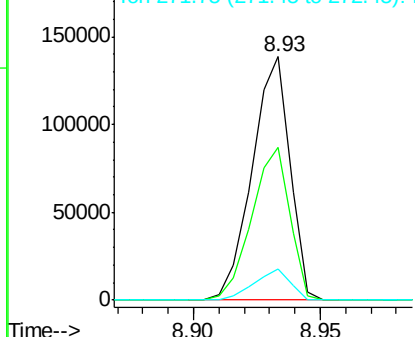
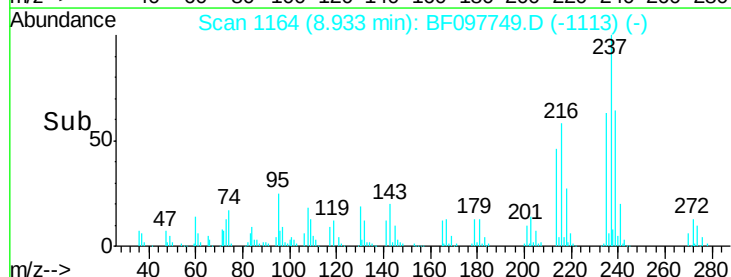


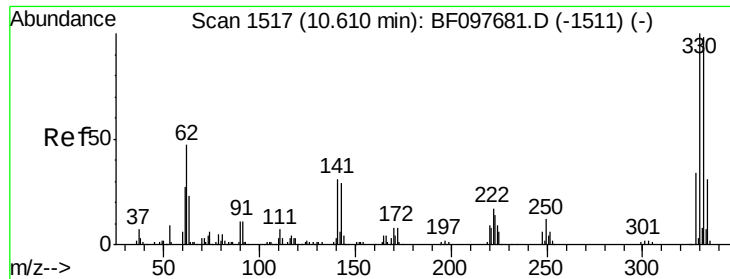
#40
 Hexachlorocyclopentadiene
 Concen: 41.85 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion:237	Resp:	144374
Ion Ratio	Lower	Upper
237	100	
235	63.0	42.6 82.6
272	12.8	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

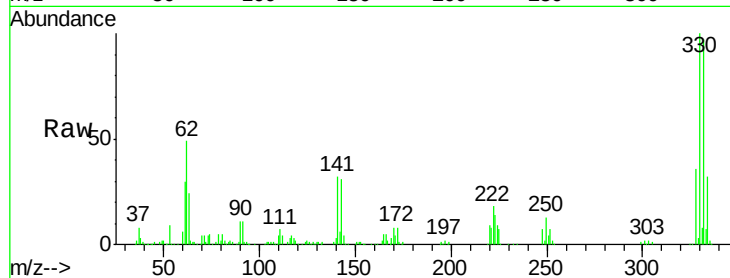




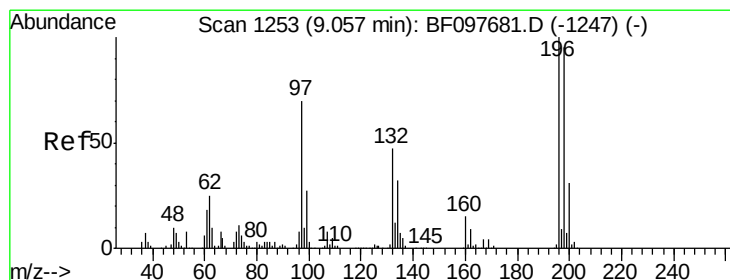
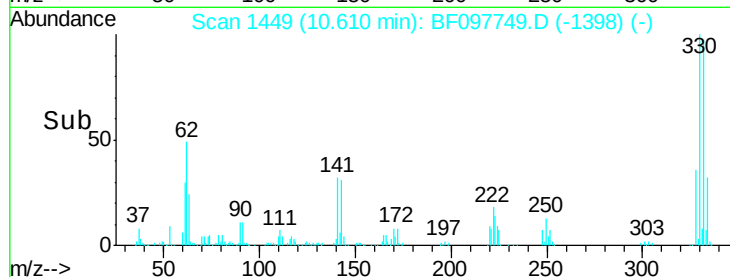
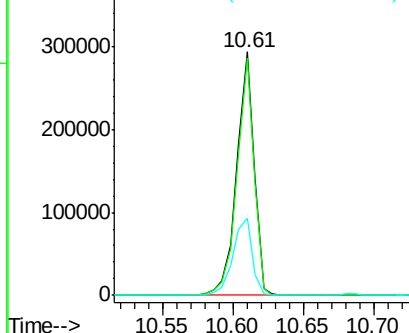
#41
 2,4,6-Tribromophenol
 Concen: 124.24 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

Tot Ion:330 Resp: 252247
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 35.2 31.4 47.2

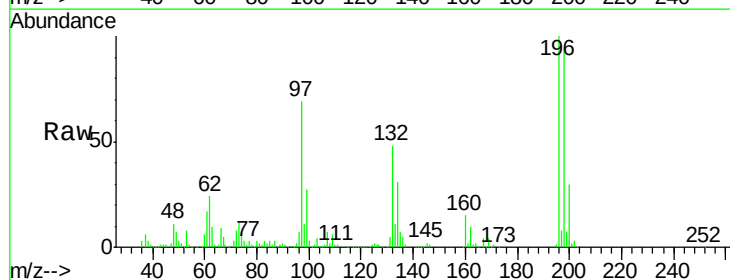


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

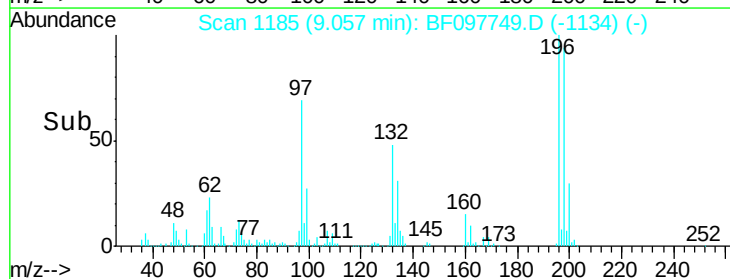
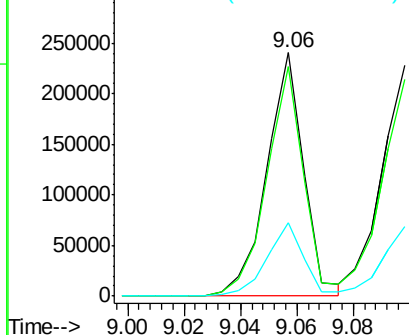


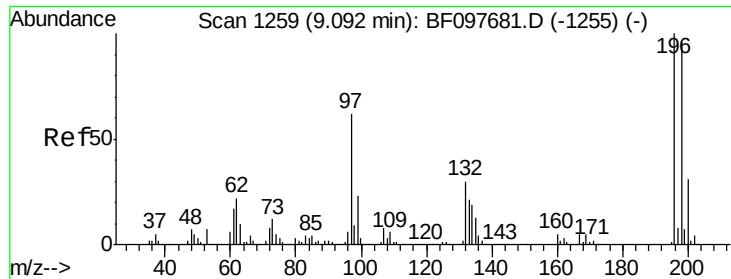
#42
 2,4,6-Trichlorophenol
 Concen: 45.21 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion:196 Resp: 217962
 Ion Ratio Lower Upper
 196 100
 198 94.5 74.2 111.4
 200 30.2 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

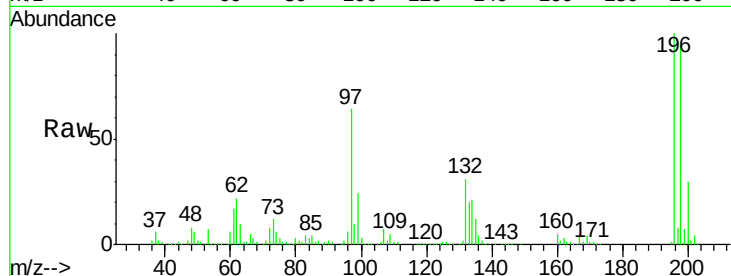




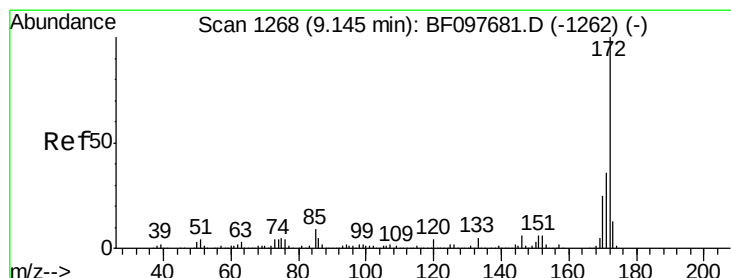
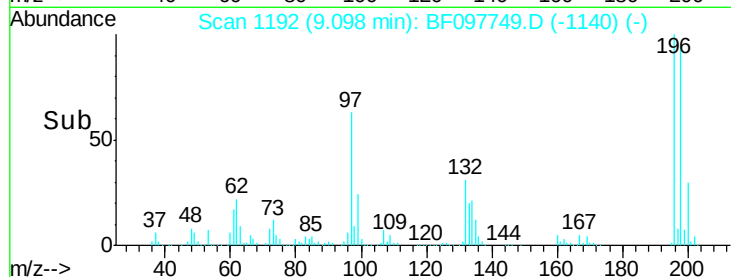
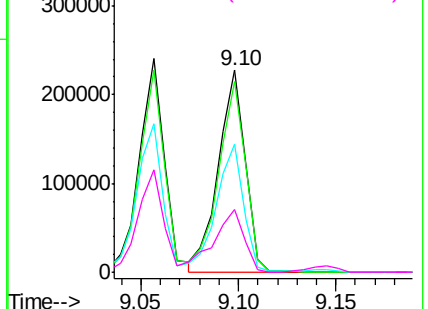
#43
 2,4,5-Trichlorophenol
 Concen: 45.40 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

Tot Ion	196	Resp	217140
Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.7	113.5
97	63.5	47.7	71.5
132	31.0	28.0	42.0

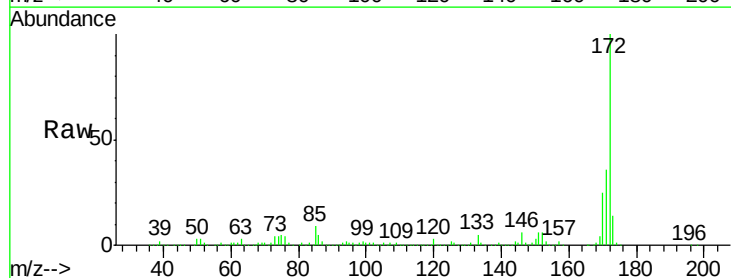


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

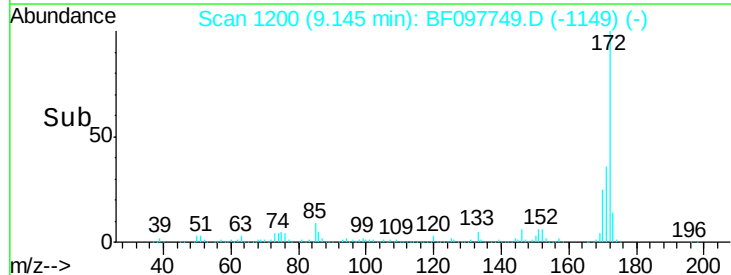
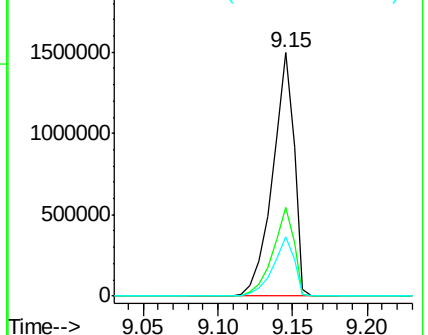


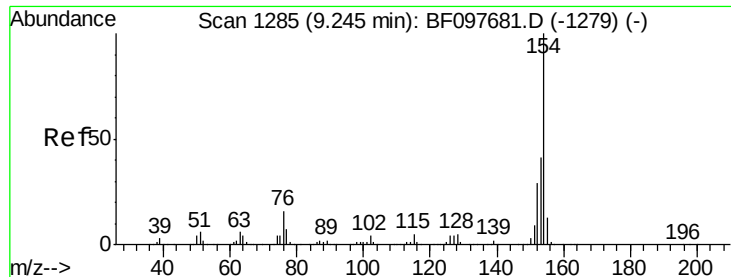
#44
 2-Fluorobiphenyl
 Concen: 93.41 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion	172	Resp	1487826
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.5	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: 42.73 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB101564BS

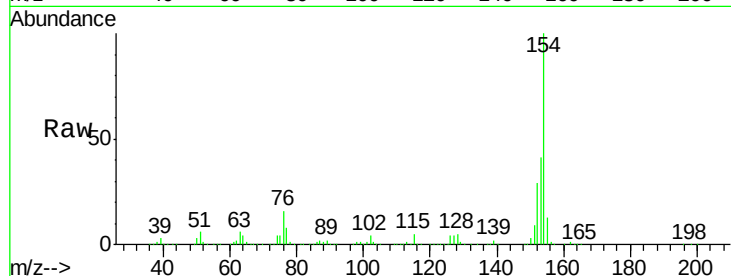
Tot Ion:154 Resp: 911848

Ion Ratio Lower Upper

154 100

153 40.7 21.2 61.2

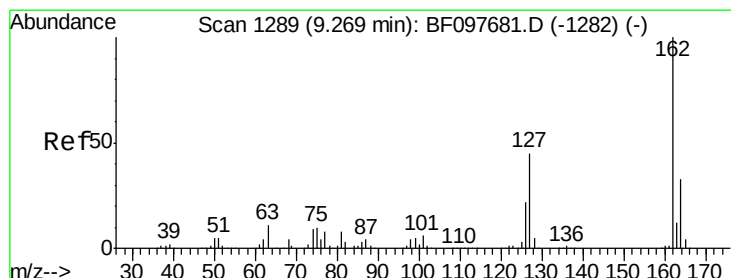
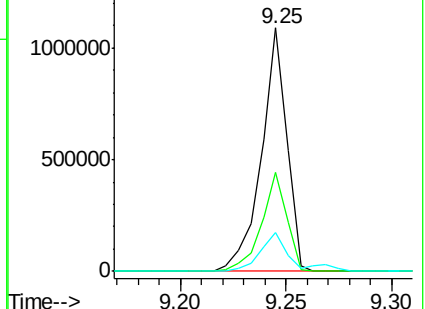
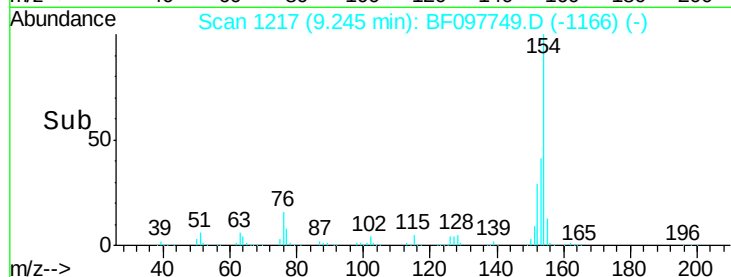
76 16.1 0.0 29.9



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: 41.31 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

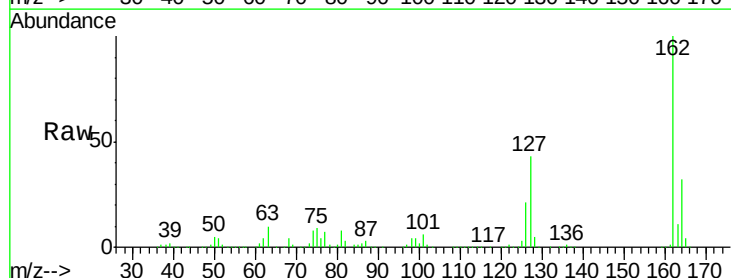
Tgt Ion:162 Resp: 651380

Ion Ratio Lower Upper

162 100

127 43.5 28.3 42.5#

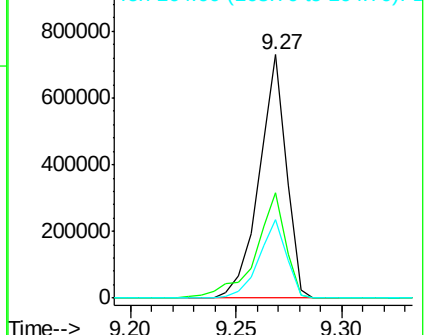
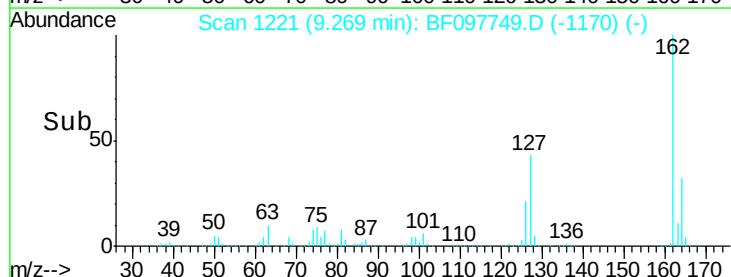
164 32.3 27.0 40.4

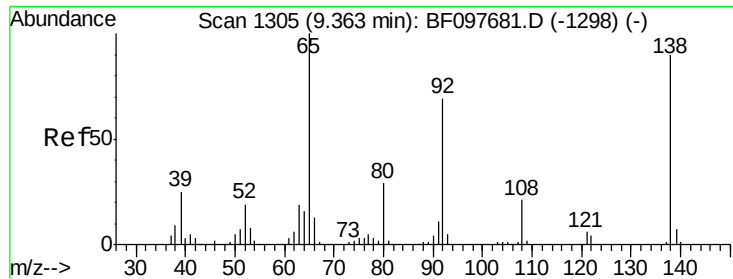


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

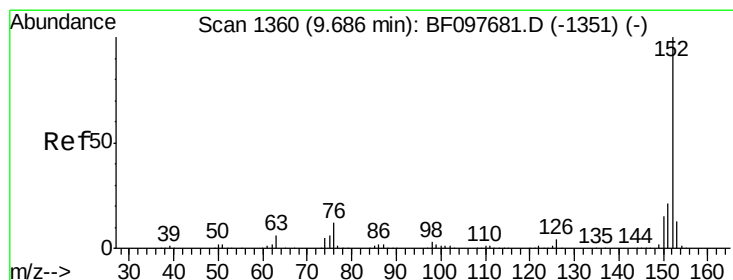
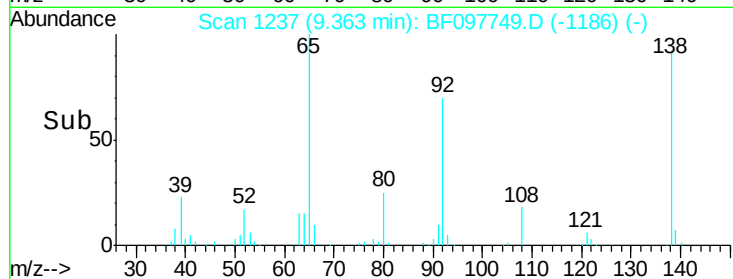
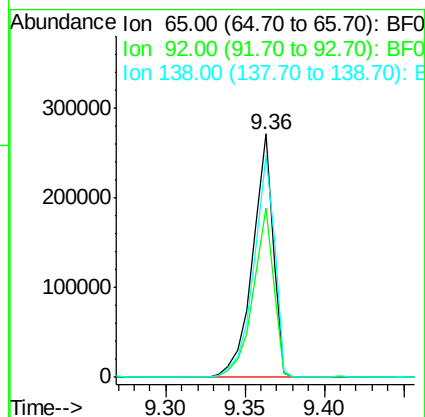
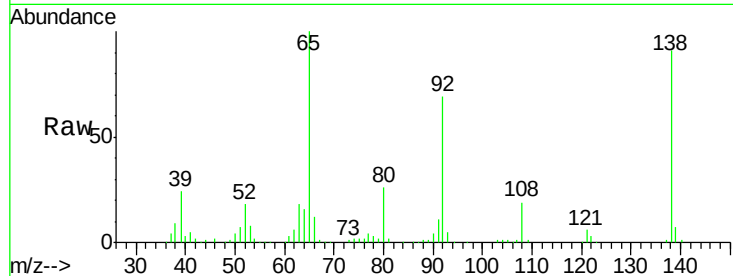




#47
 2-Nitroaniline
 Concen: 45.89 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

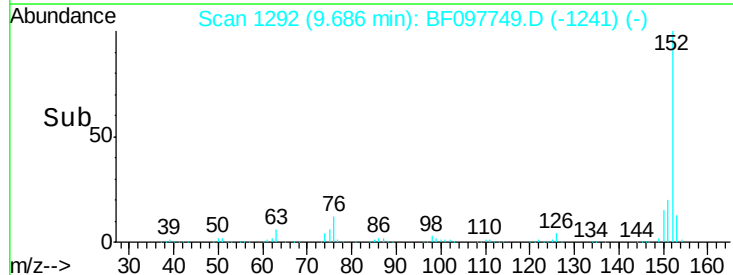
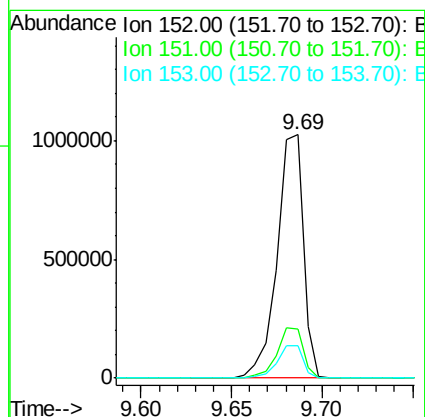
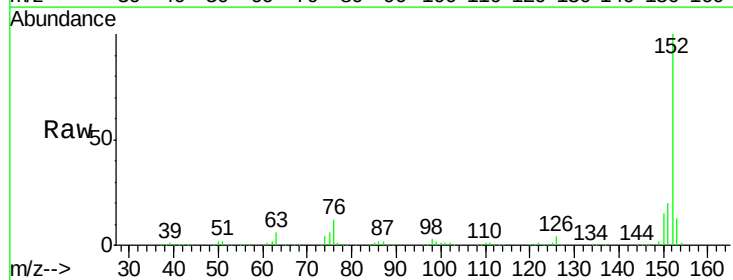
Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

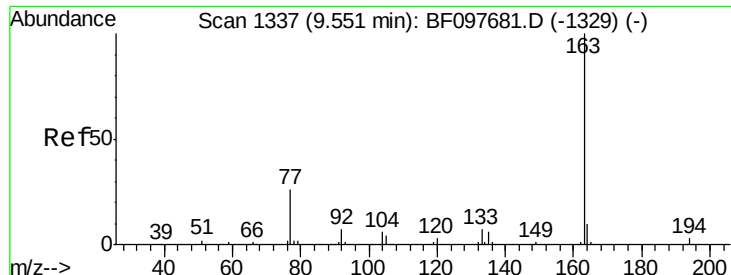
Tot Ion: 65 Resp: 242557
 Ion Ratio Lower Upper
 65 100
 92 69.5 53.9 80.9
 138 91.3 78.8 118.2



#48
 Acenaphthylene
 Concen: 41.72 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion: 152 Resp: 1032970
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.8 25.2
 153 13.3 10.8 16.2

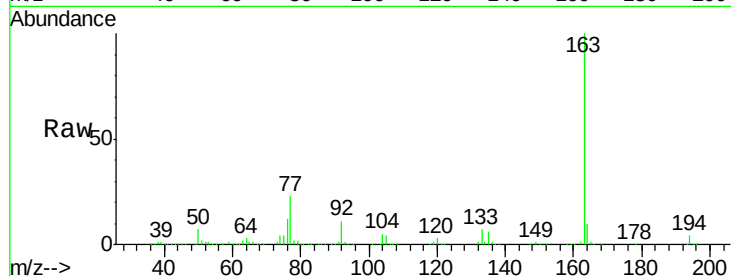




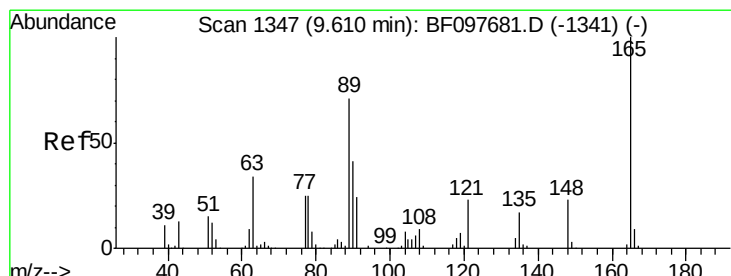
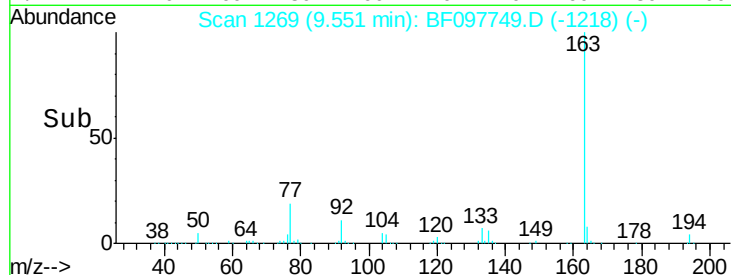
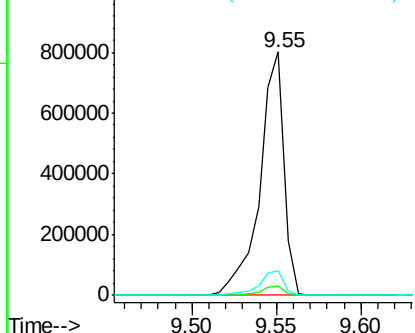
#49
Dimethylphthalate
Concen: 46.44 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB101564BS

Tot Ion:163 Resp: 794323
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.3 8.4 12.6

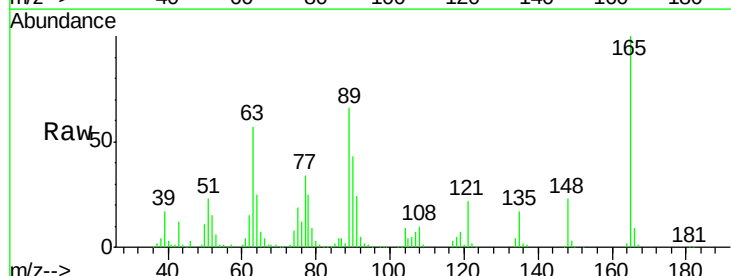


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

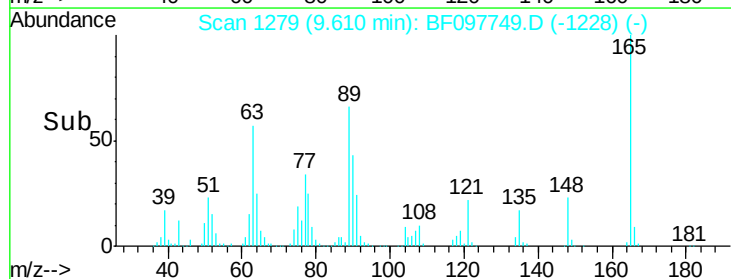
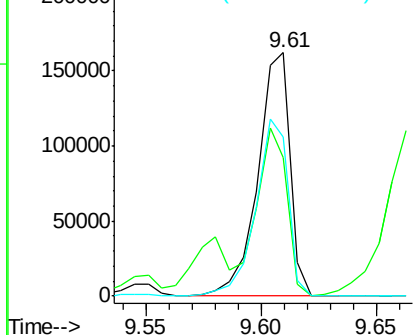


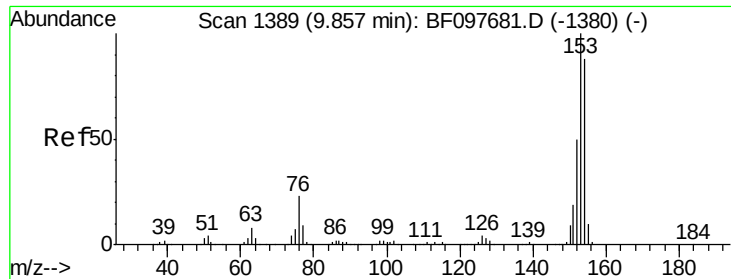
#50
2,6-Dinitrotoluene
Concen: 46.40 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion:165 Resp: 158443
Ion Ratio Lower Upper
165 100
63 57.2 34.3 51.5#
89 65.6 37.1 55.7#



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





#51

Acenaphthene

Concen: 39.90 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB101564BS

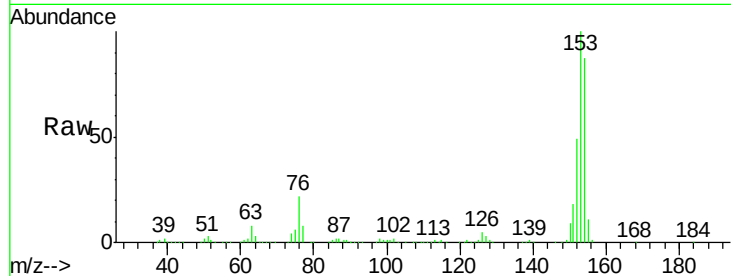
Tot Ion:154 Resp: 623122

Ion Ratio Lower Upper

154 100

153 114.4 90.5 135.7

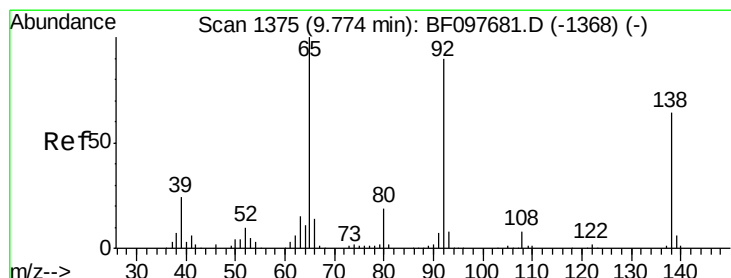
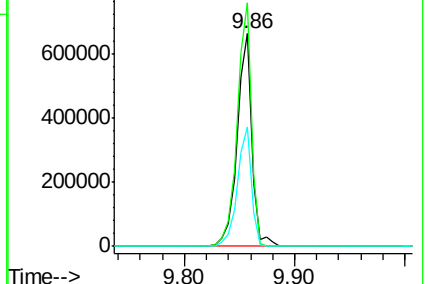
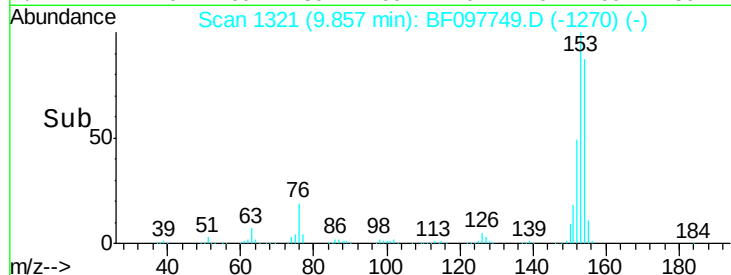
152 55.9 43.6 65.4



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: 26.03 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

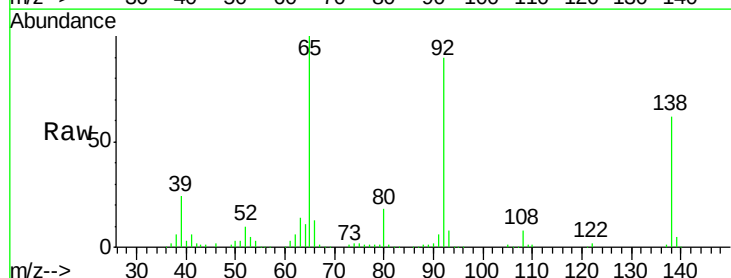
Tgt Ion:138 Resp: 114658

Ion Ratio Lower Upper

138 100

108 13.0 9.1 13.7

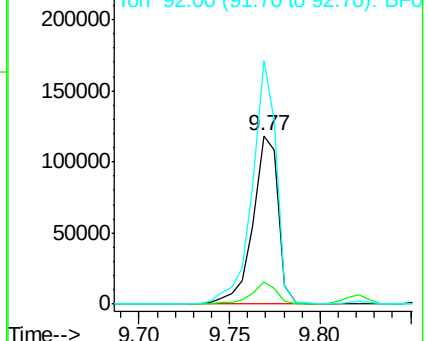
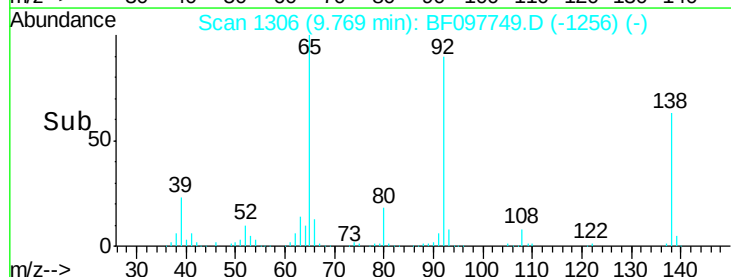
92 144.7 93.8 140.6#

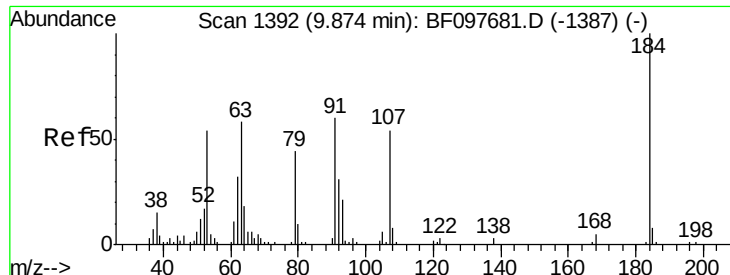


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

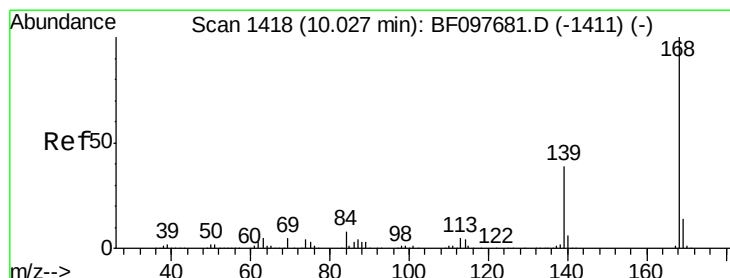
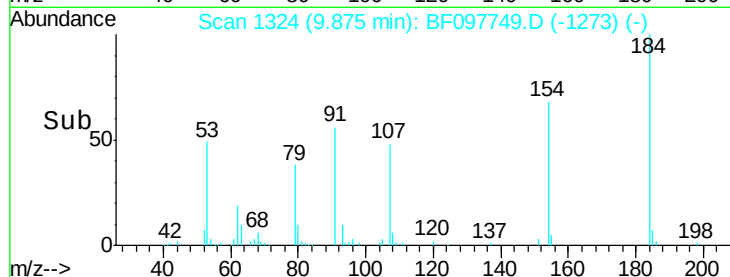
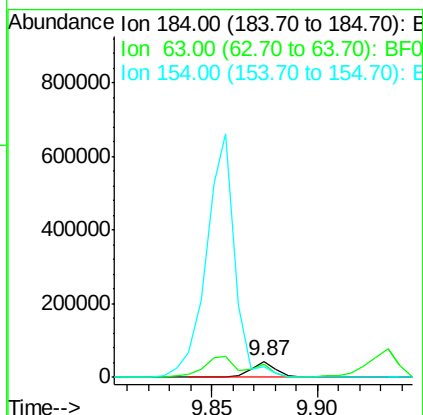
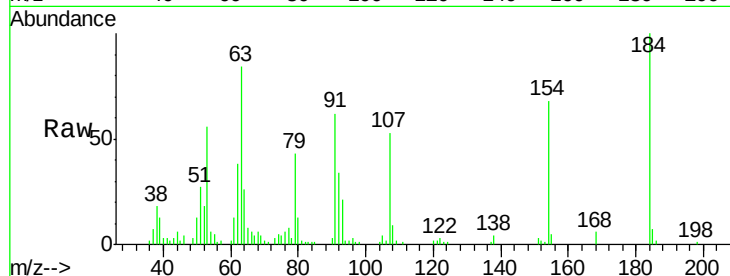




#53
 2,4-Dinitrophenol
 Concen: 29.55 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

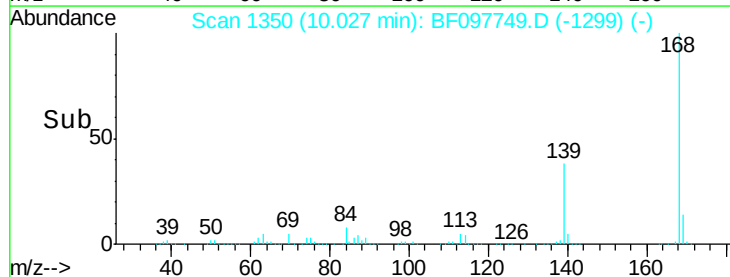
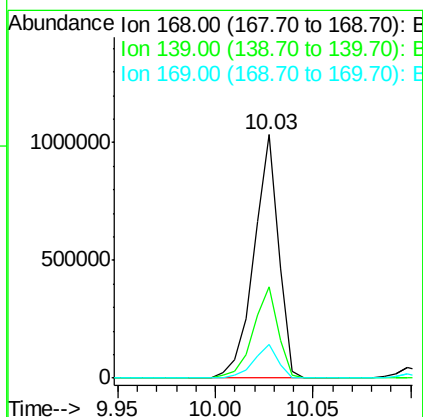
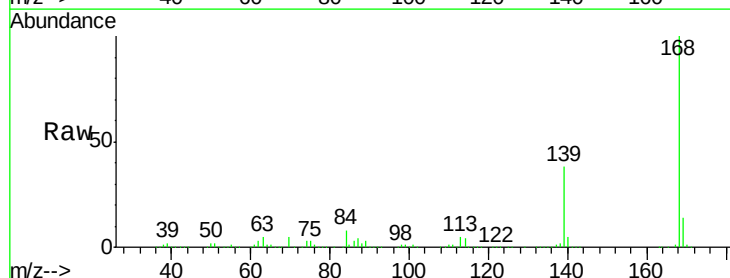
Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

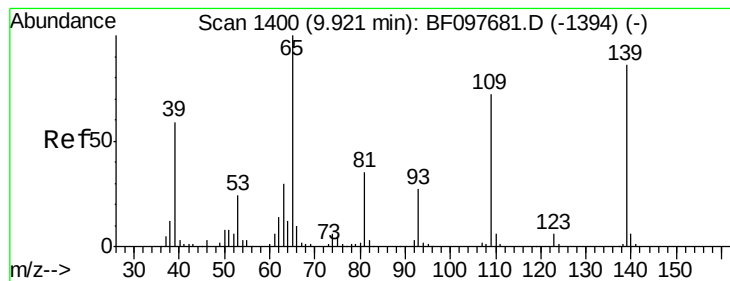
Tot Ion:184 Resp: 36091
 Ion Ratio Lower Upper
 184 100
 63 84.1 62.7 94.1
 154 67.7 81.1 121.7#



#54
 Dibenzofuran
 Concen: 43.06 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion:168 Resp: 901265
 Ion Ratio Lower Upper
 168 100
 139 37.5 30.6 45.8
 169 13.7 10.8 16.2





#55

4-Nitrophenol

Concen: 70.57 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB101564BS

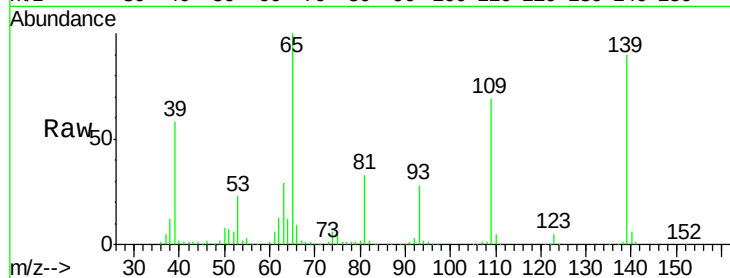
Tot Ion:139 Resp: 247973

Ion Ratio Lower Upper

139 100

109 76.7 34.1 74.1#

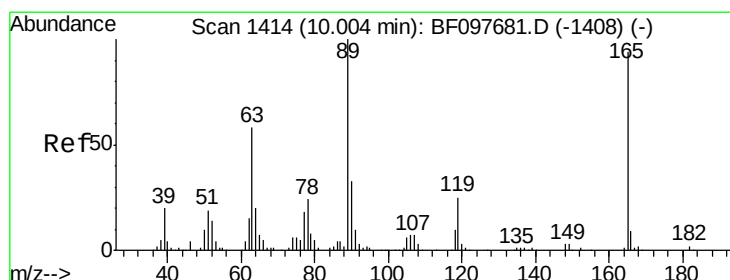
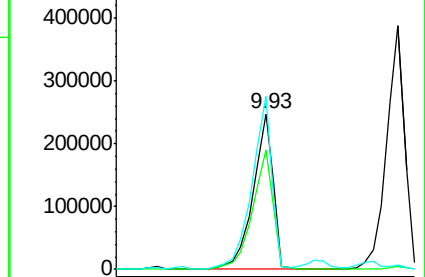
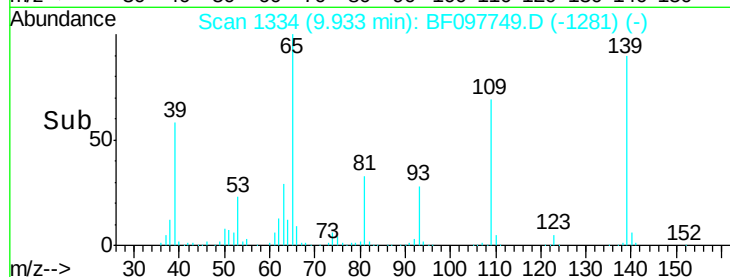
65 111.3 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.68 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Tgt Ion:165 Resp: 191452

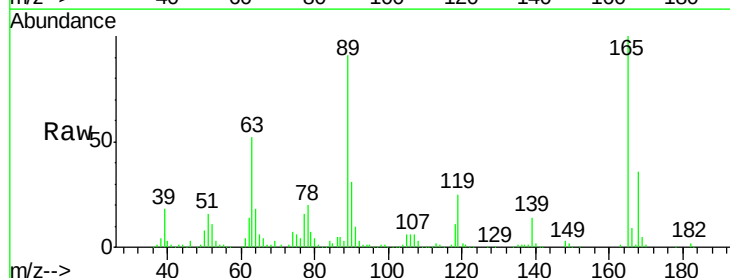
Ion Ratio Lower Upper

165 100

63 52.0 25.4 38.0#

89 91.5 46.4 69.6#

182 2.4 1.8 2.6

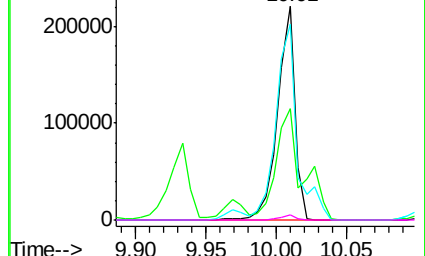
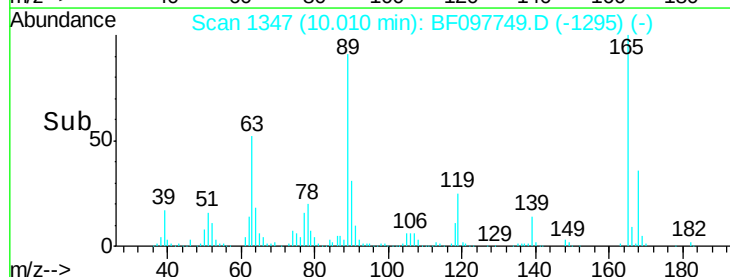


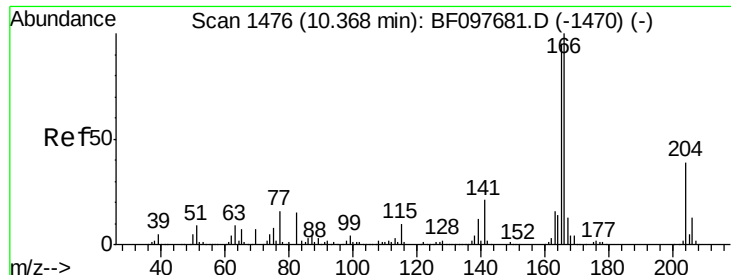
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

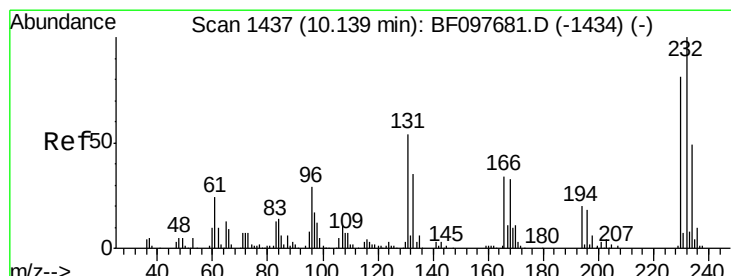
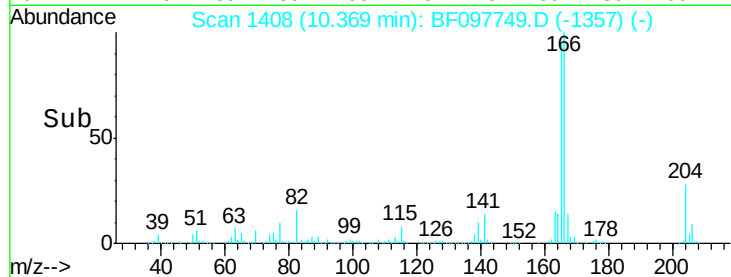
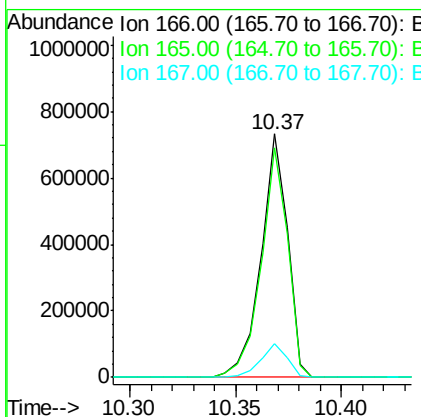
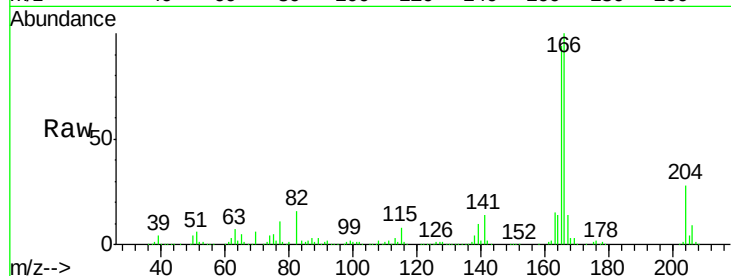




#57
 Fluorene
 Concen: 39.68 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

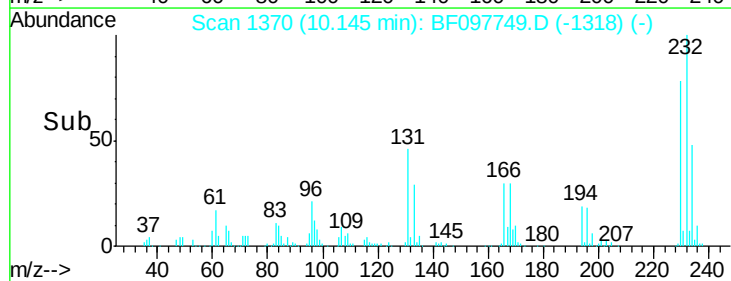
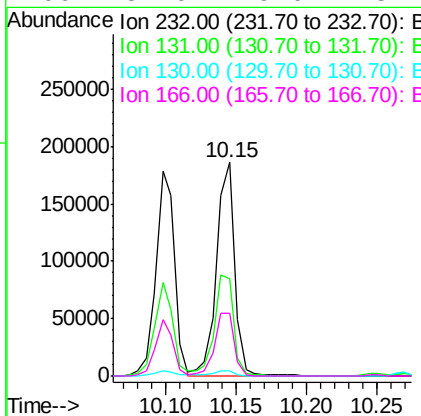
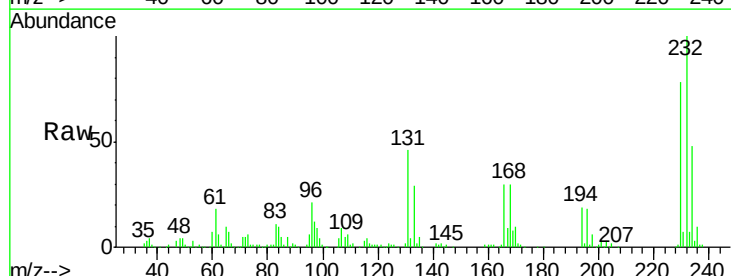
Instrument :
 BNA_F
 ClientSampleID :
 PB101564BS

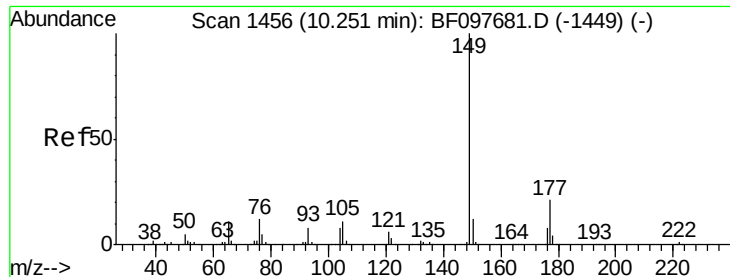
Tot Ion:166 Resp: 642020
 Ion Ratio Lower Upper
 166 100
 165 94.4 78.8 118.2
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.88 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion:232 Resp: 166213
 Ion Ratio Lower Upper
 232 100
 131 51.1 44.8 67.2
 130 2.6 2.3 3.5
 166 32.0 29.0 43.4

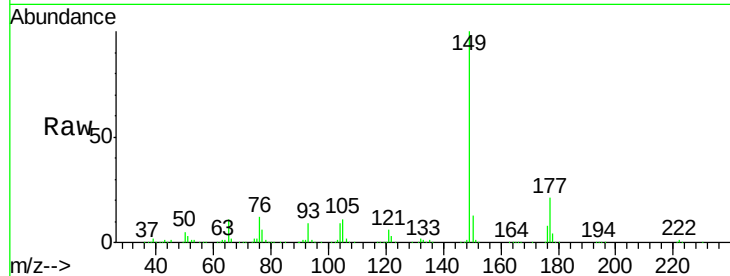




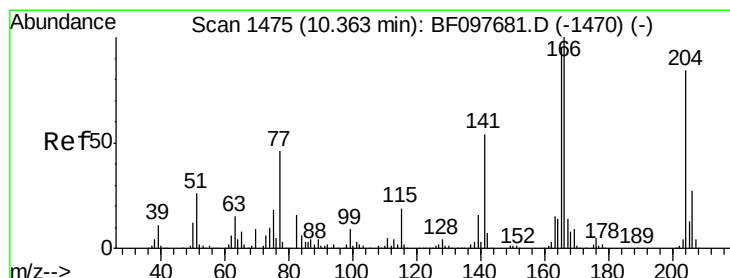
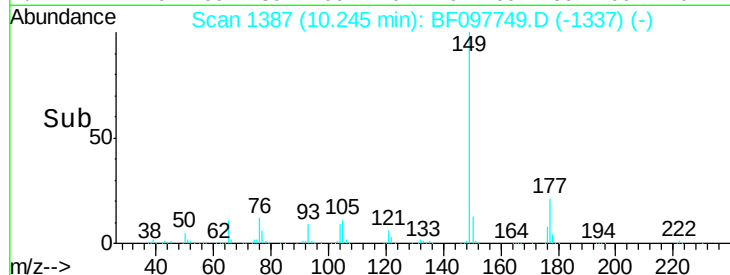
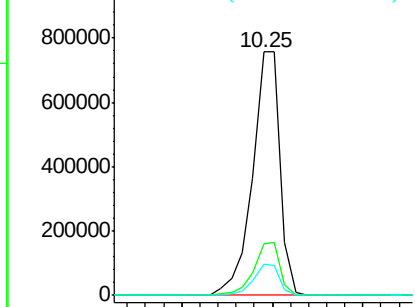
#59
Diethylphthalate
Concen: 44.51 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB101564BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	12.9	10.2	15.2

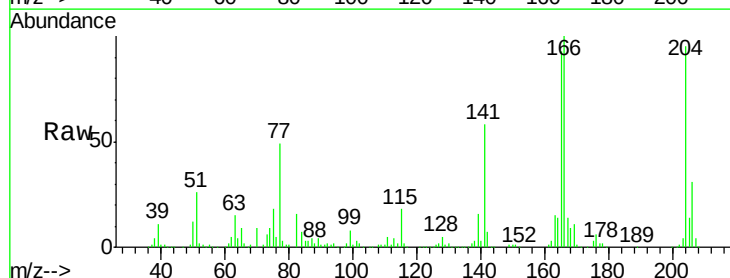


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

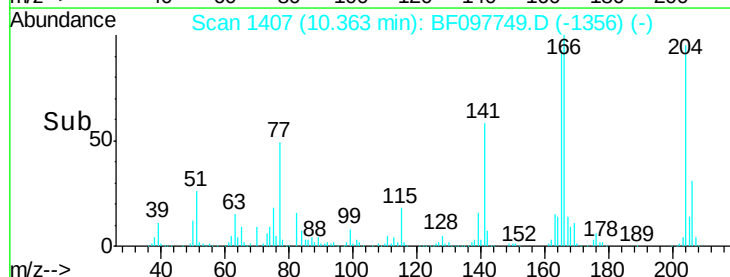
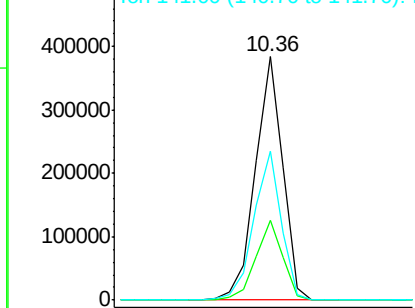


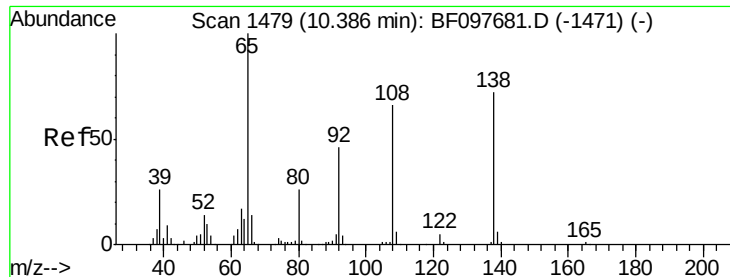
#60
4-Chlorophenyl-phenylether
Concen: 42.46 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	61.0	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

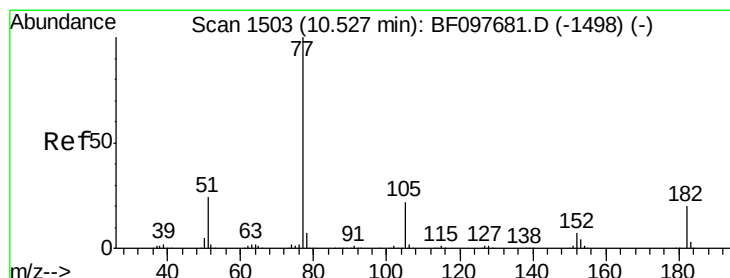
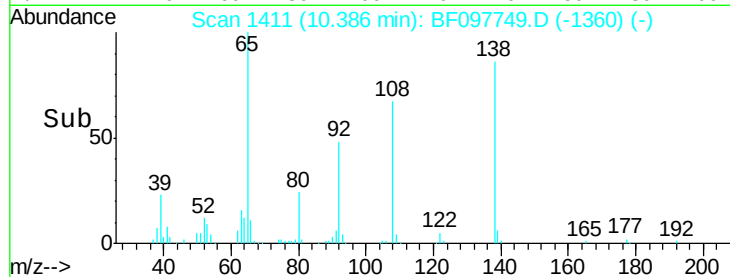
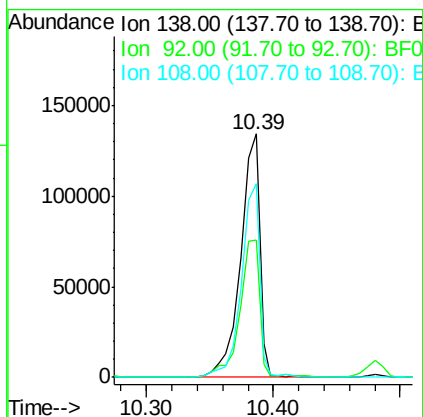
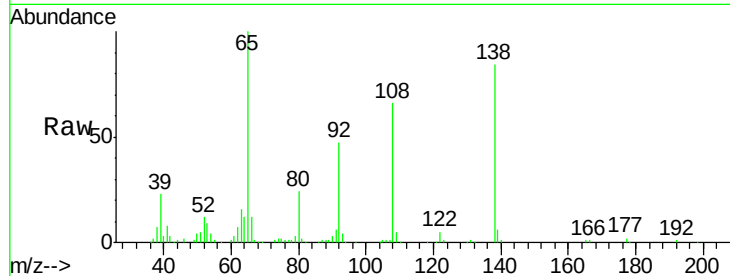




#61
4-Nitroaniline
Concen: 33.45 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

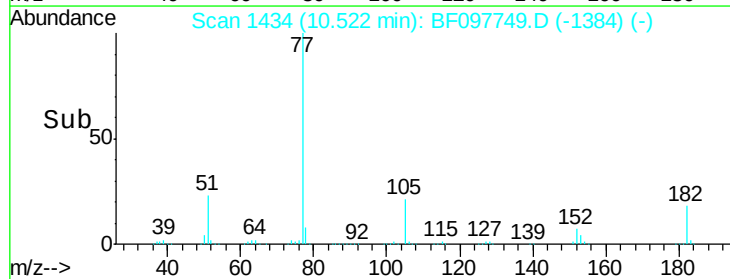
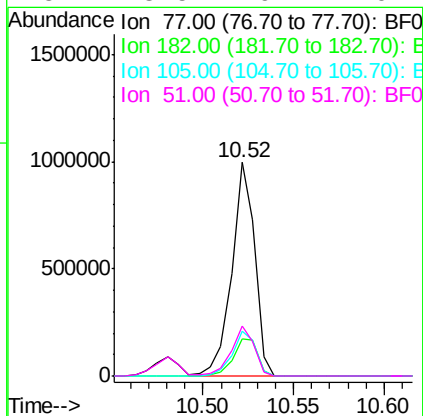
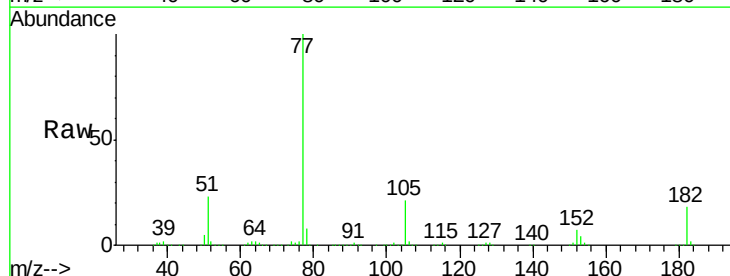
Instrument :
BNA_F
ClientSampleId :
PB101564BS

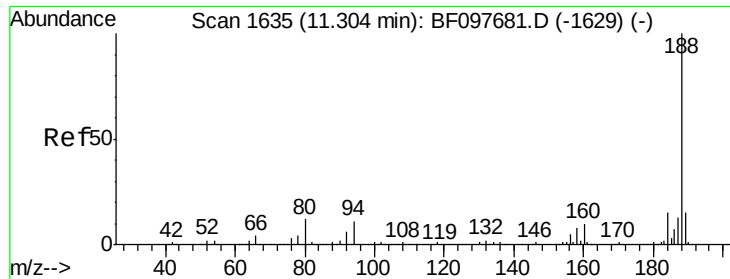
Tot Ion:138 Resp: 140050
Ion Ratio Lower Upper
138 100
92 56.4 21.8 61.8
108 79.6 42.3 82.3



#62
Azobenzene
Concen: 41.27 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion: 77 Resp: 877003
Ion Ratio Lower Upper
77 100
182 17.6 0.1 40.1
105 21.2 3.6 43.6
51 23.5 9.4 49.4

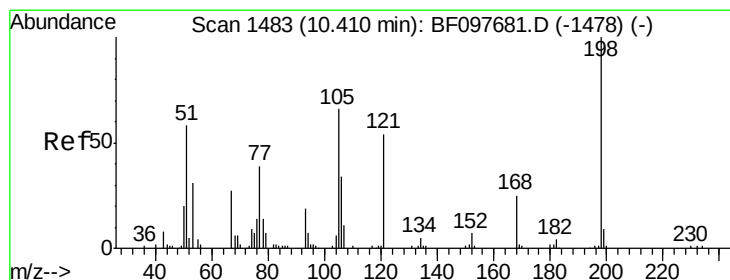
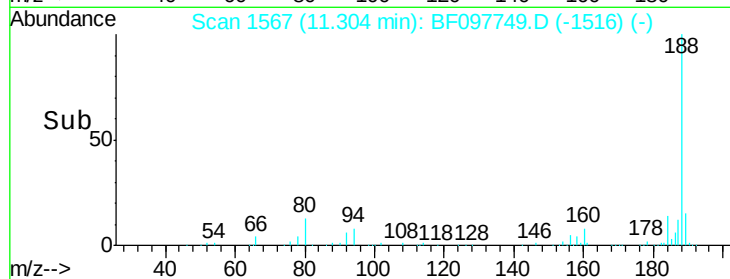
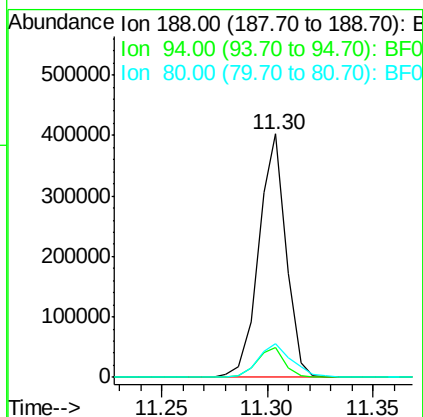
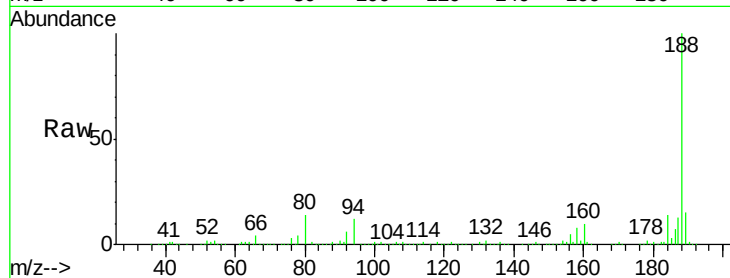




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

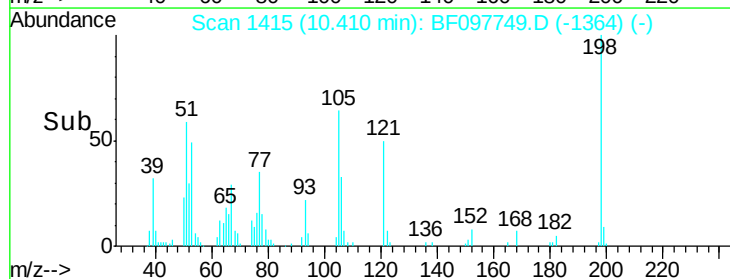
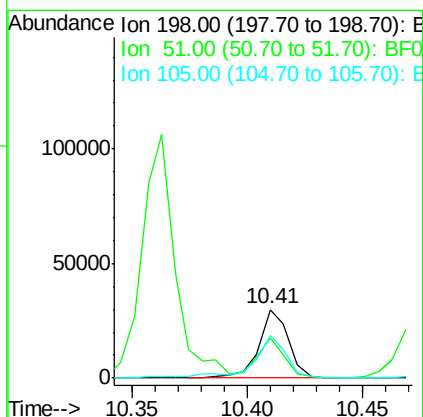
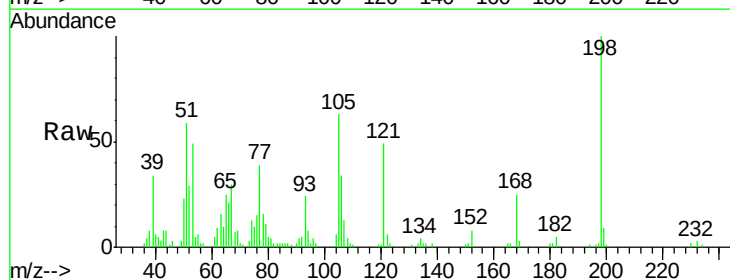
Instrument :
BNA_F
ClientSampleId :
PB101564BS

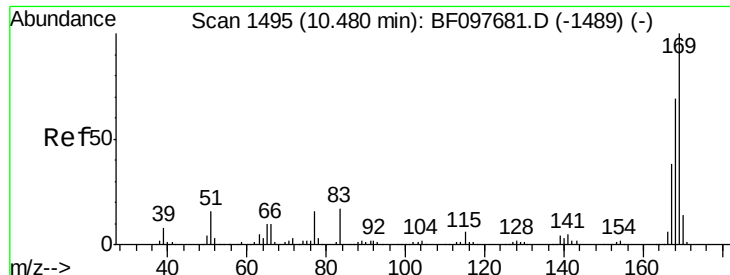
Tot Ion:188 Resp: 359085
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 13.7 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 21.26 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion:198 Resp: 26477
Ion Ratio Lower Upper
198 100
51 59.5 53.2 93.2
105 63.0 45.8 85.8

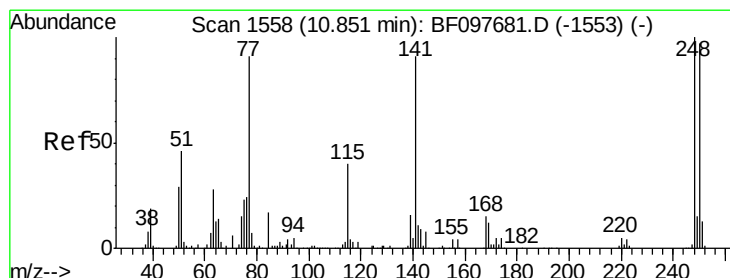
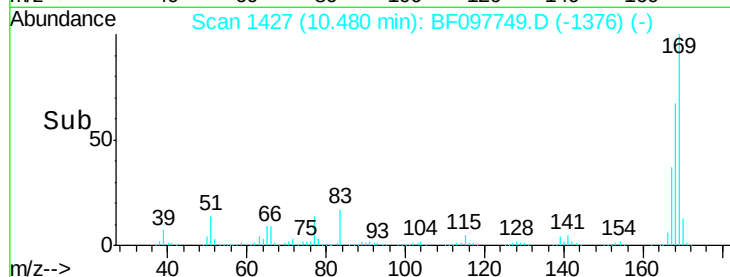
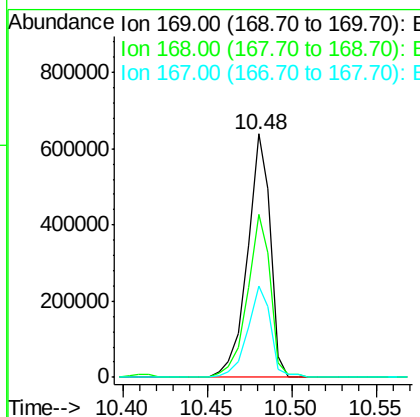
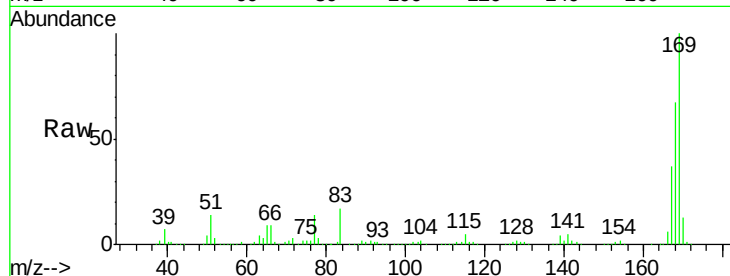




#65
 n-Nitrosodiphenylamine
 Concen: 49.60 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

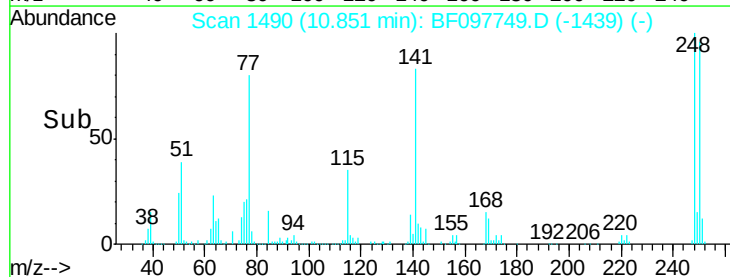
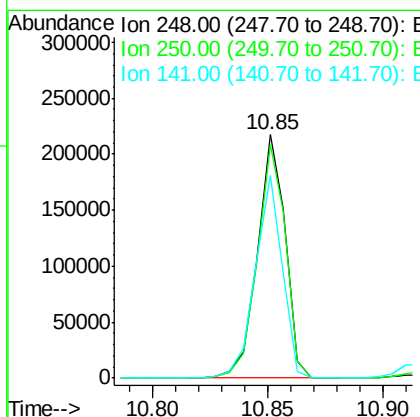
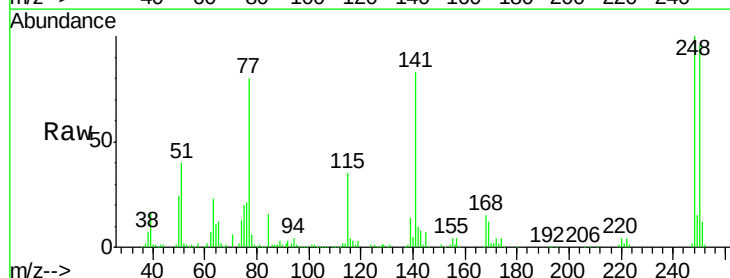
Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

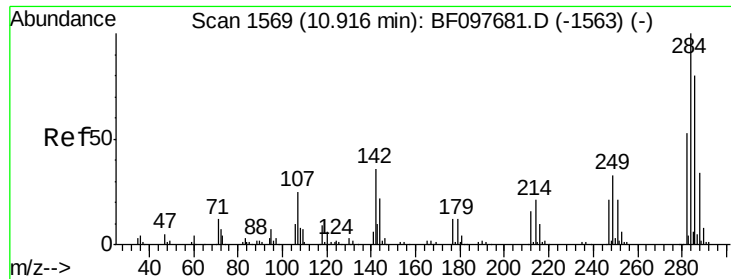
Tot Ion:169 Resp: 606452
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.2 79.8
 167 37.4 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 48.98 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion:248 Resp: 182635
 Ion Ratio Lower Upper
 248 100
 250 95.8 76.8 115.2
 141 83.1 68.6 103.0





#67

Hexachlorobenzene

Concen: 43.44 ng

RT: 10.92 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB101564BS

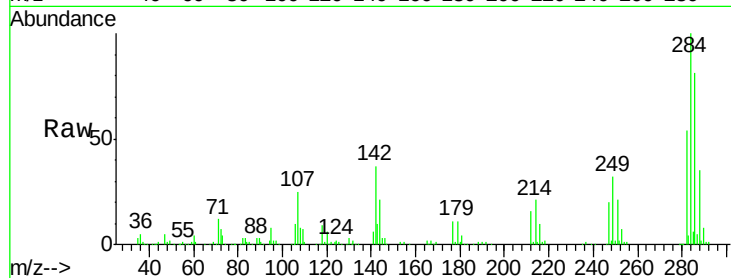
Tot Ion:284 Resp: 165085

Ion Ratio Lower Upper

284 100

142 36.6 22.8 34.2#

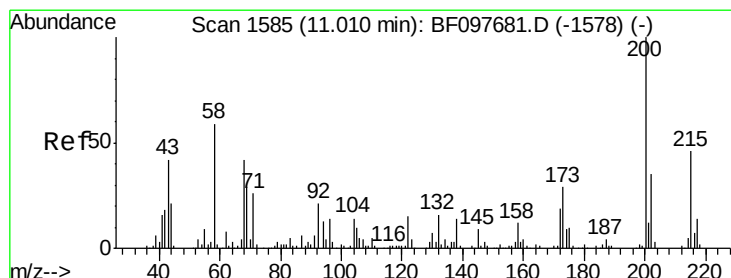
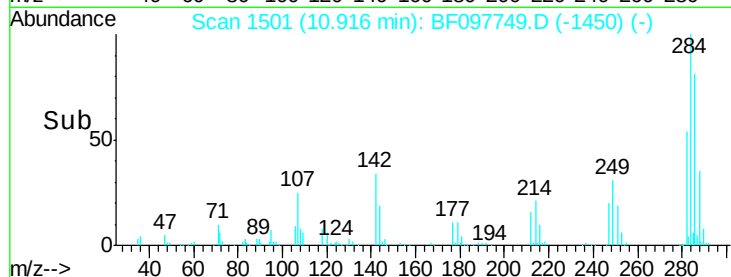
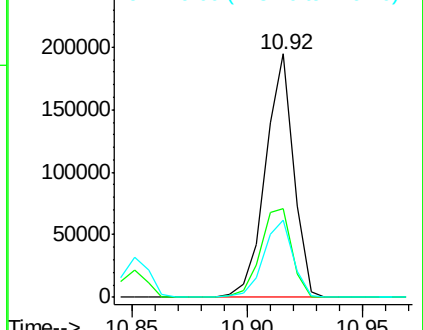
249 31.9 24.0 36.0



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: 51.61 ng

RT: 11.01 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

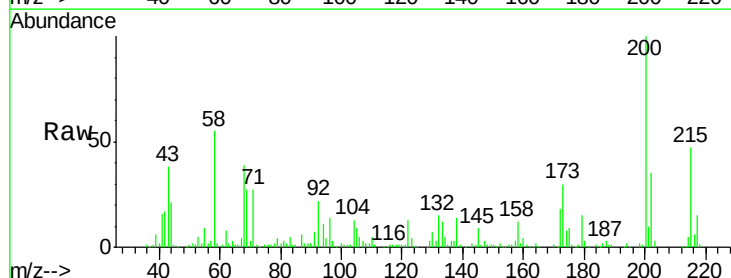
Tgt Ion:200 Resp: 167351

Ion Ratio Lower Upper

200 100

173 29.7 6.3 46.3

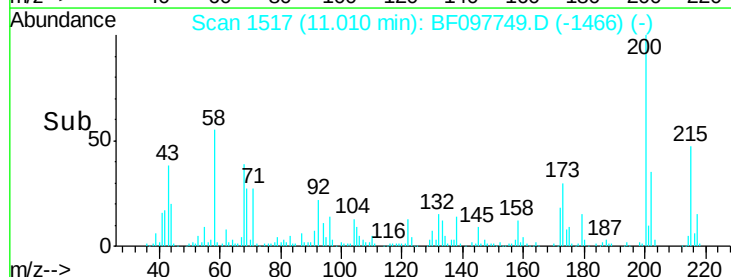
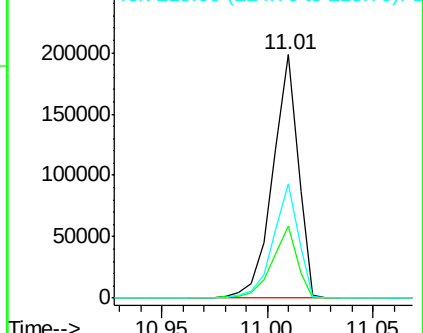
215 47.1 27.2 67.2

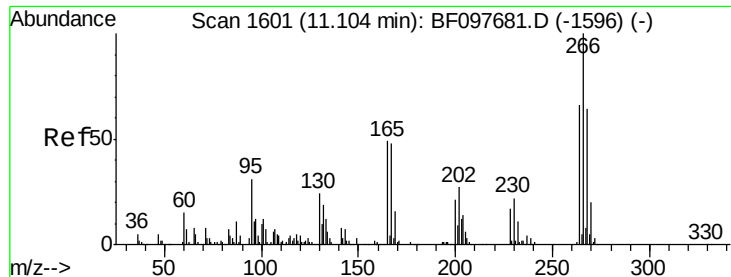


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

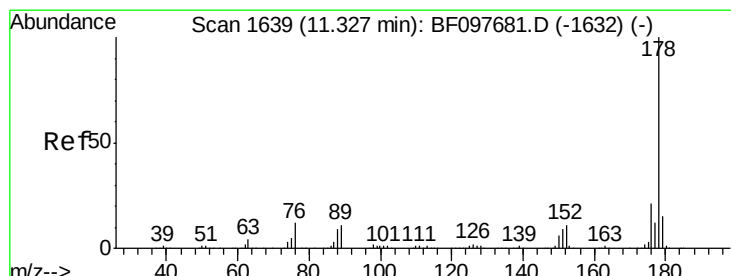
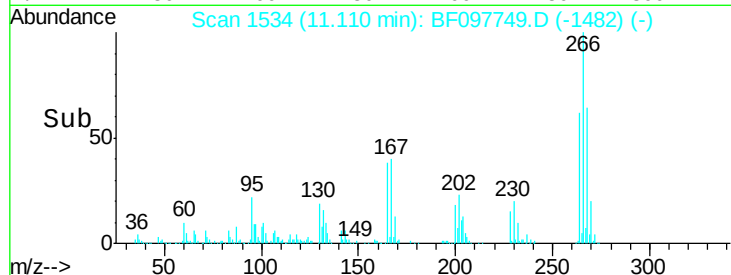
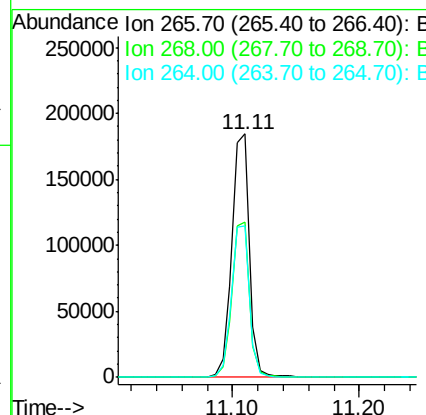
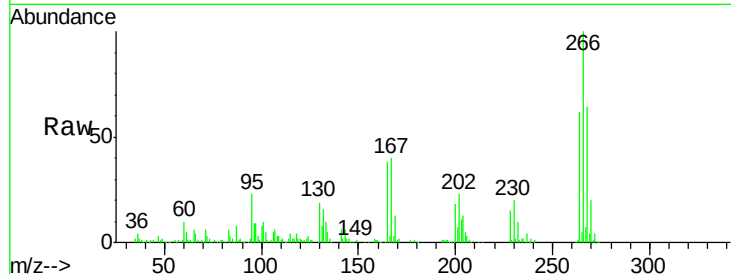




#69
 Pentachlorophenol
 Concen: 79.74 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

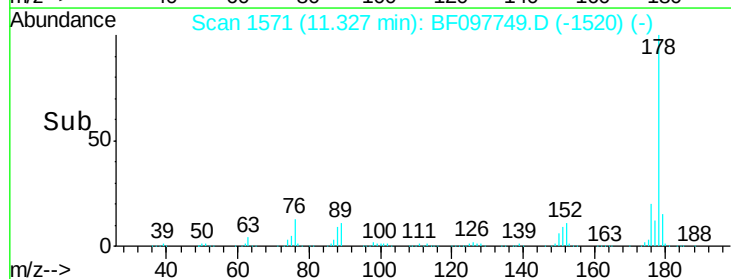
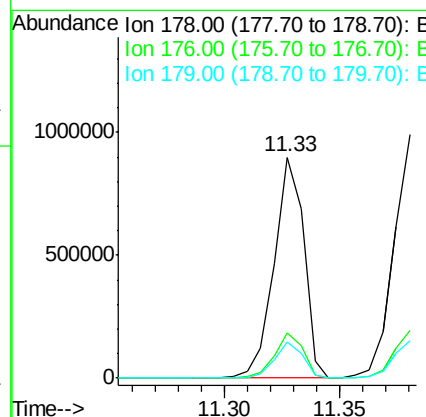
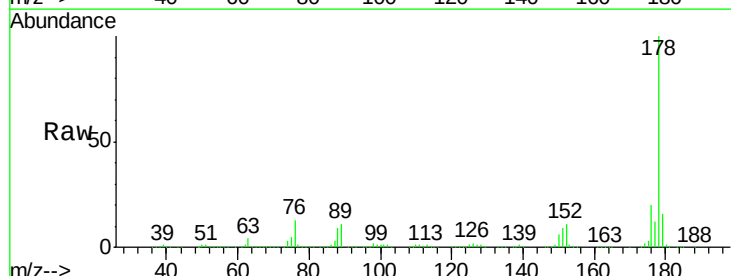
Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

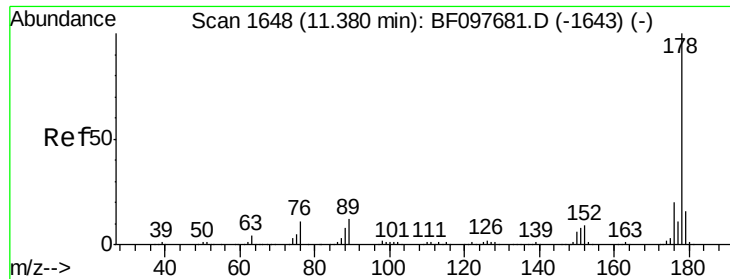
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	62.3	51.7	77.5



#70
 Phenanthrene
 Concen: 42.11 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	16.1	12.6	19.0





#71

Anthracene

Concen: 42.44 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

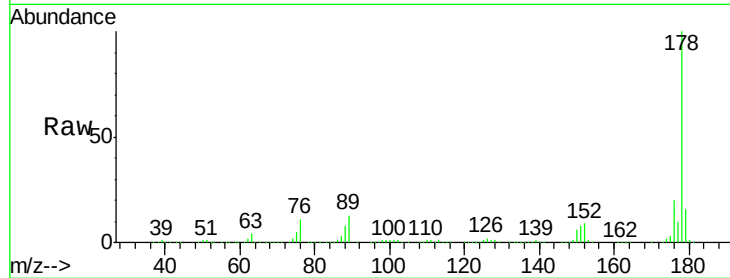
BNA_F

ClientSampleId :

PB101564BS

Tot Ion:178 Resp: 823615

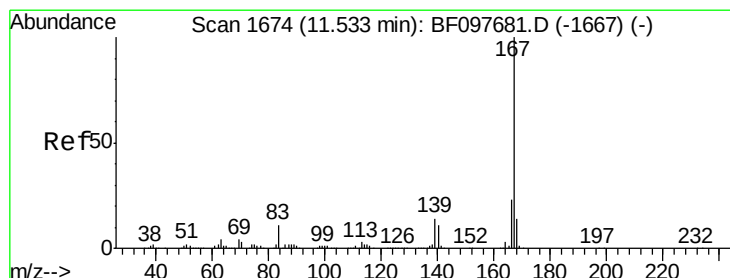
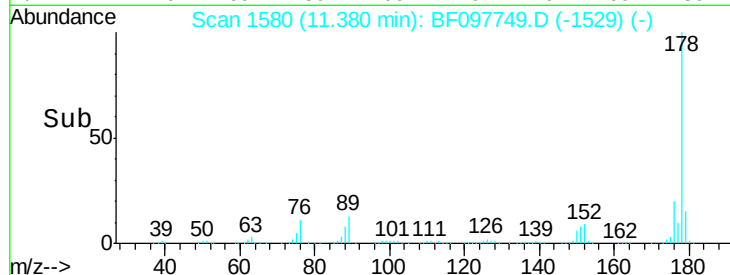
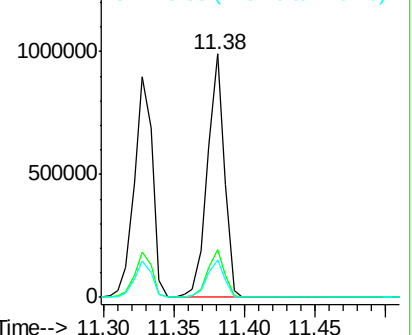
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.5	12.7	19.1



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: 40.20 ng

RT: 11.53 min Scan# 1606

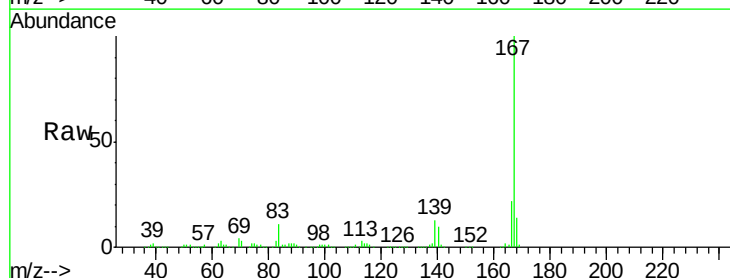
Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Tgt Ion:167 Resp: 740656

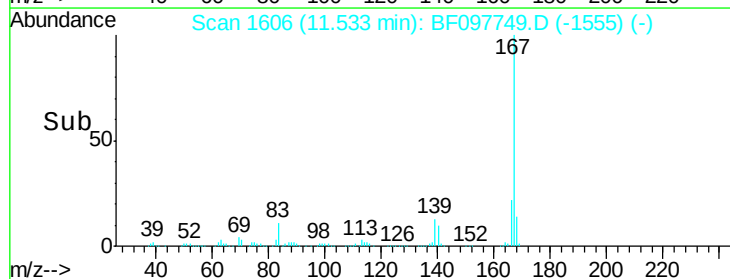
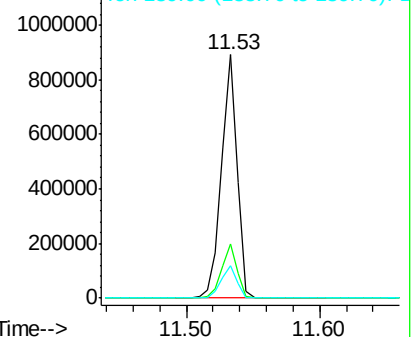
Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.4	11.7	17.5

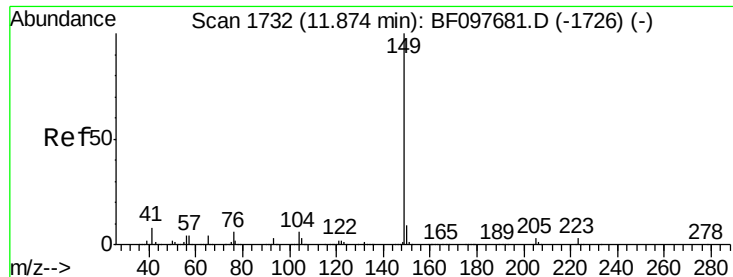


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.02 ng

RT: 11.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB101564BS

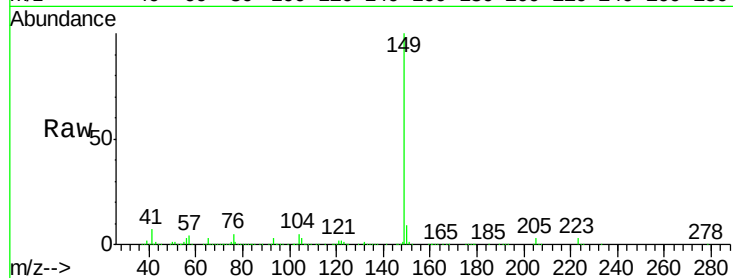
Tot Ion:149 Resp: 1061492

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

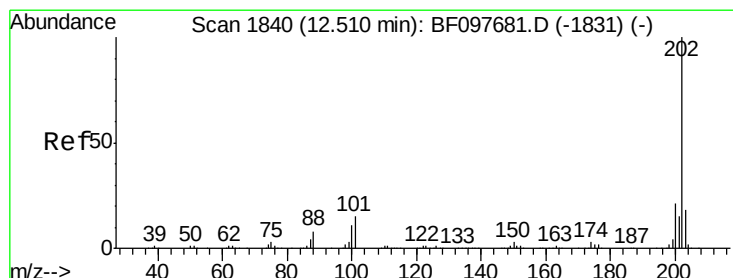
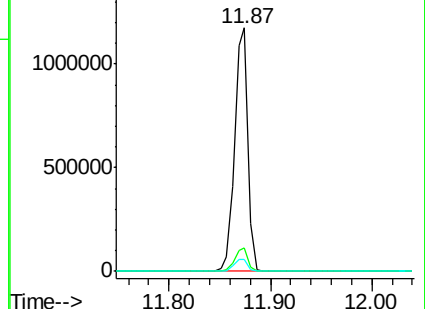
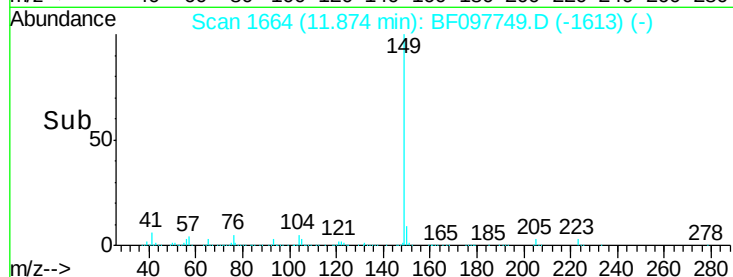
104 5.0 4.0 6.0



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: 38.32 ng

RT: 12.52 min Scan# 1773

Delta R.T. 0.01 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

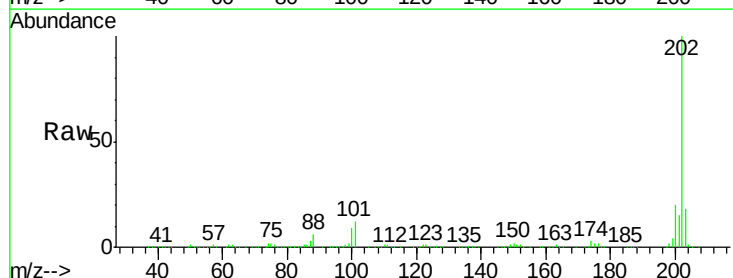
Tgt Ion:202 Resp: 765410

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.2

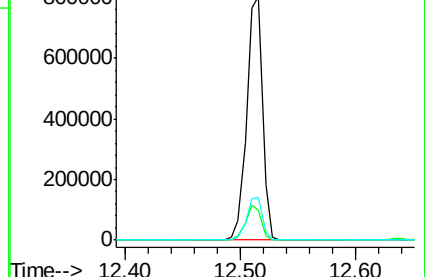
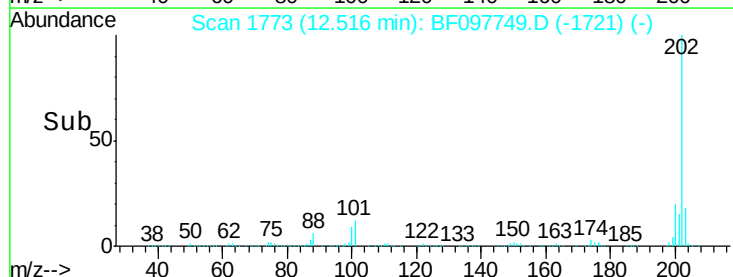
203 17.7 0.0 38.1

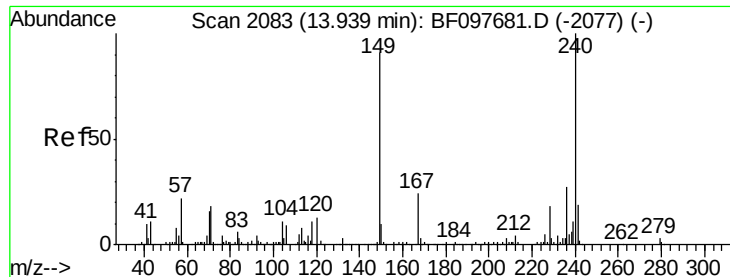


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB101564BS

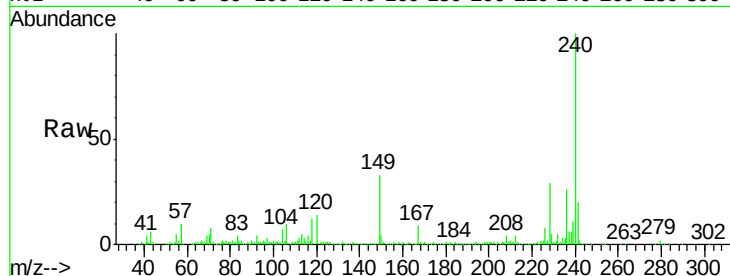
Tot Ion:240 Resp: 268712

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

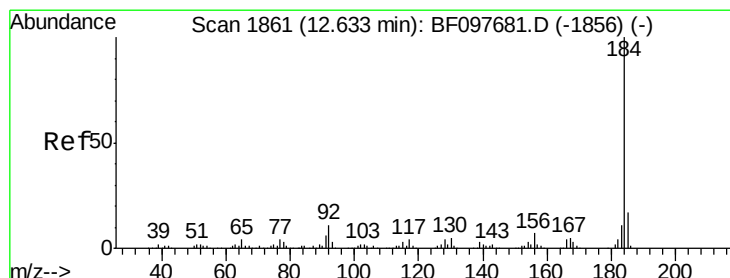
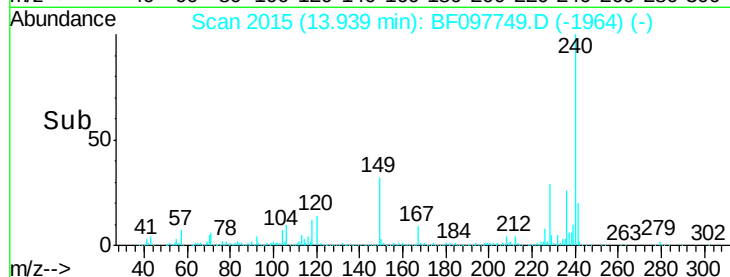
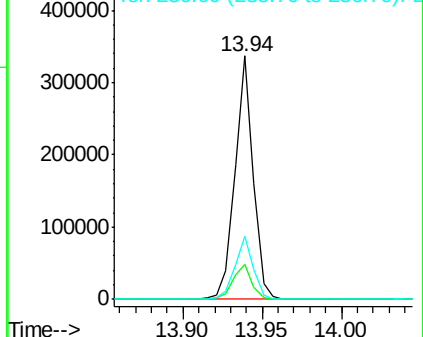
236 26.0 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 53.97 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

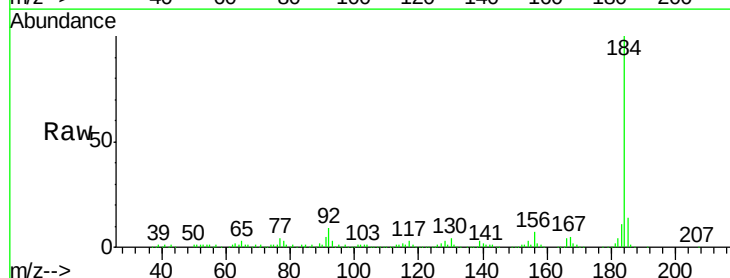
Tgt Ion:184 Resp: 475470

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

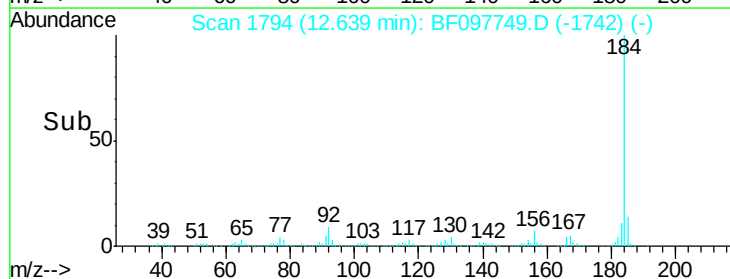
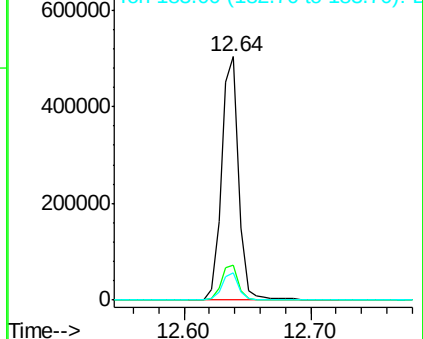
183 11.2 9.8 14.6

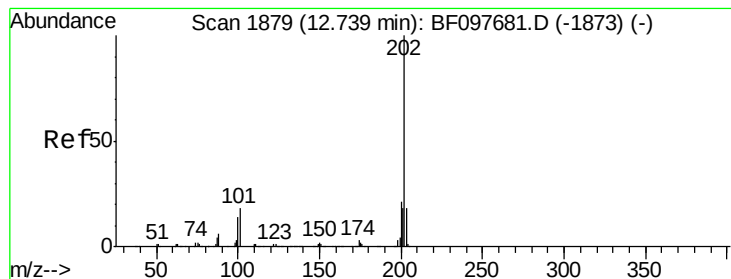


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.54 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB101564BS

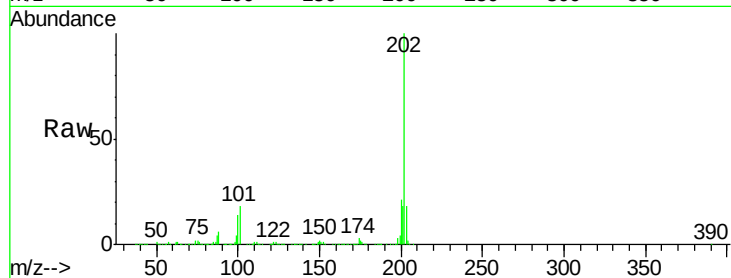
Tot Ion:202 Resp: 781045

Ion Ratio Lower Upper

202 100

200 20.8 17.6 26.4

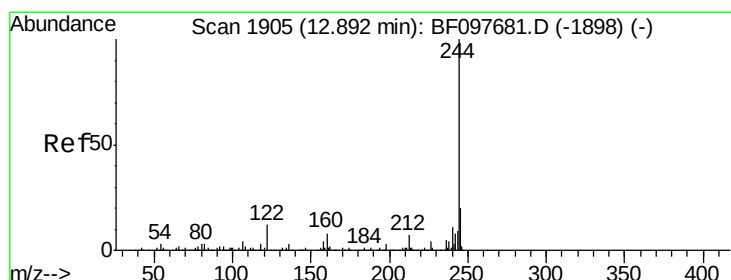
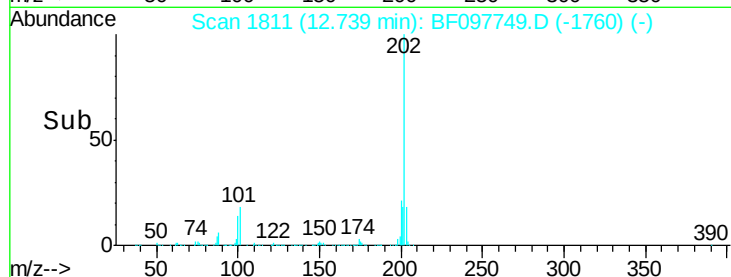
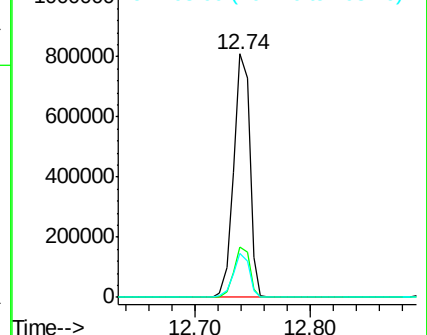
203 17.9 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 69.99 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

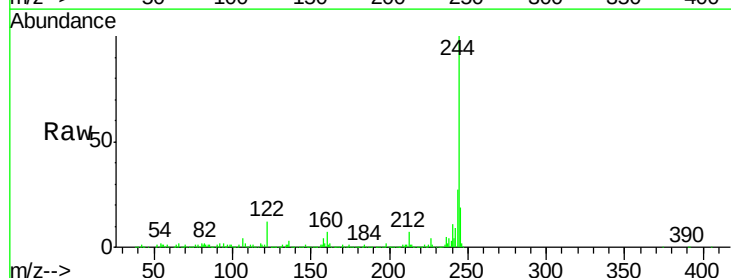
Tgt Ion:244 Resp: 901820

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

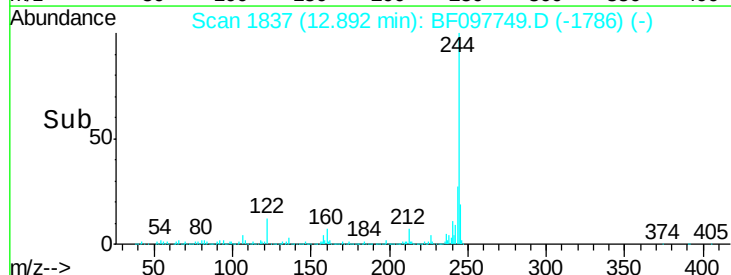
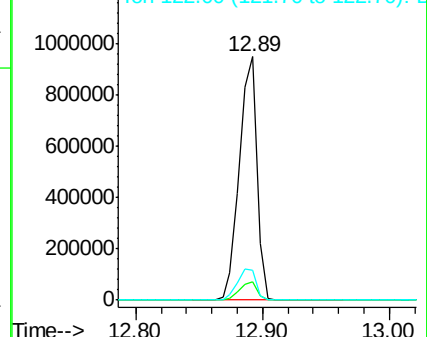
122 12.4 10.3 15.5

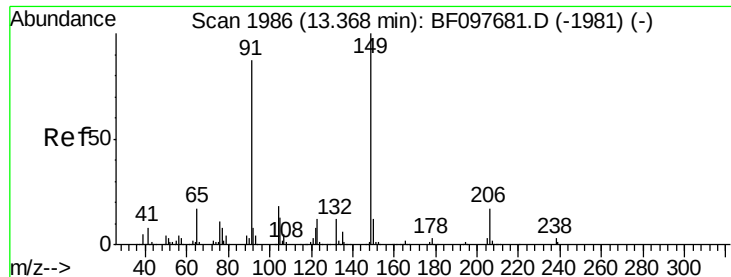


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

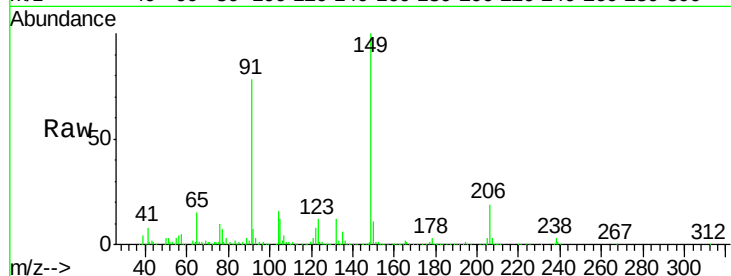




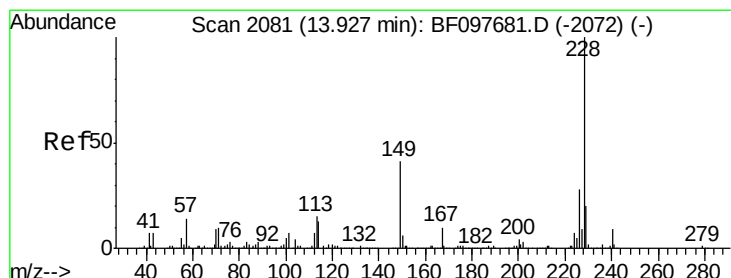
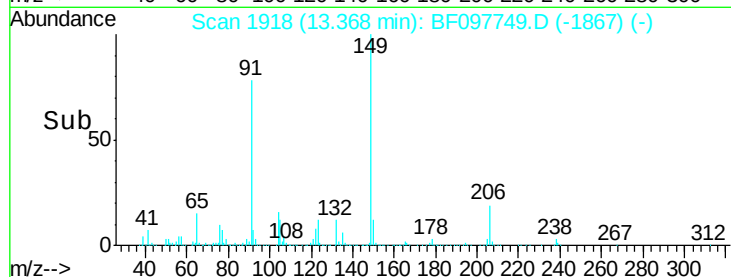
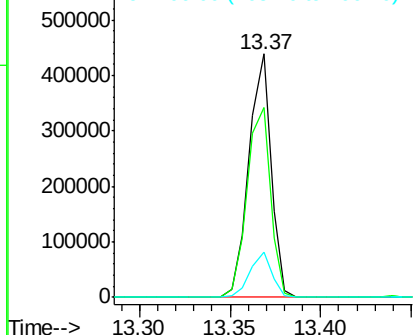
#79
Butylbenzylphthalate
Concen: 44.31 ng
RT: 13.37 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB101564BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.0	45.0	67.4#
206	18.7	17.0	25.6

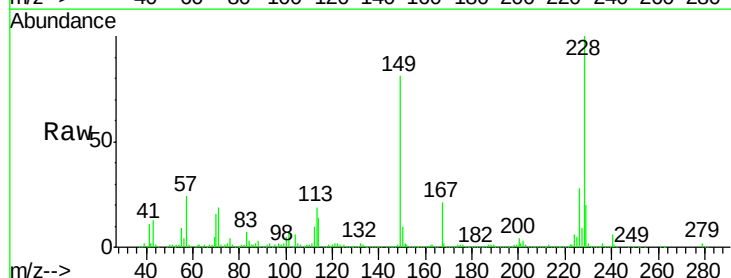


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

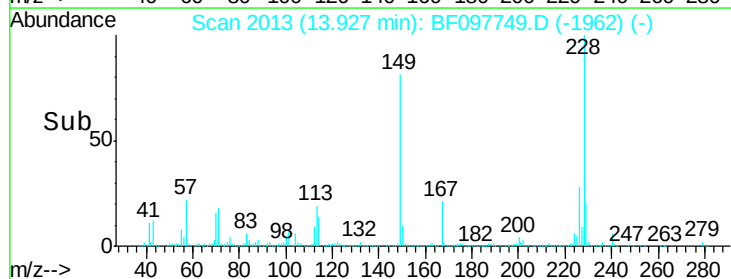
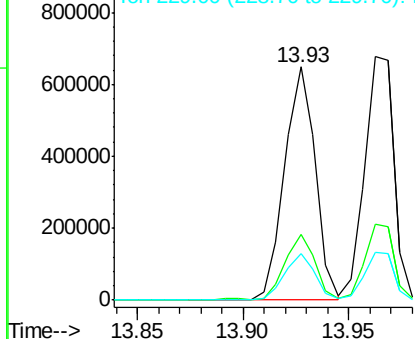


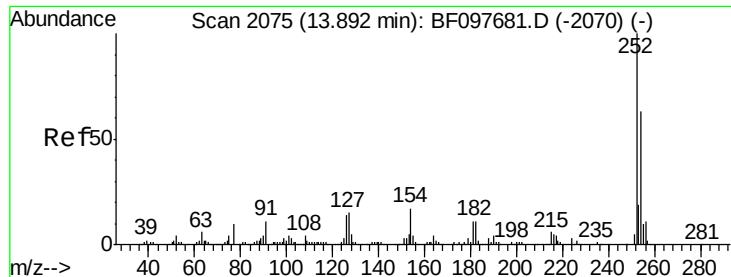
#80
Benzo(a)anthracene
Concen: 40.87 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	19.8	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 45.96 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB101564BS

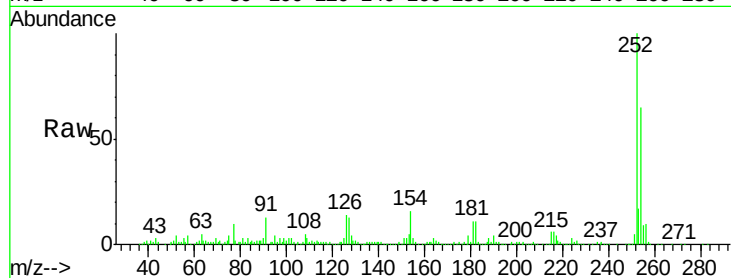
Tot Ion:252 Resp: 249769

Ion Ratio Lower Upper

252 100

254 64.9 51.5 77.3

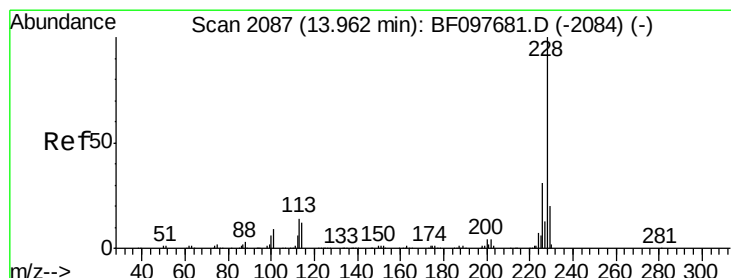
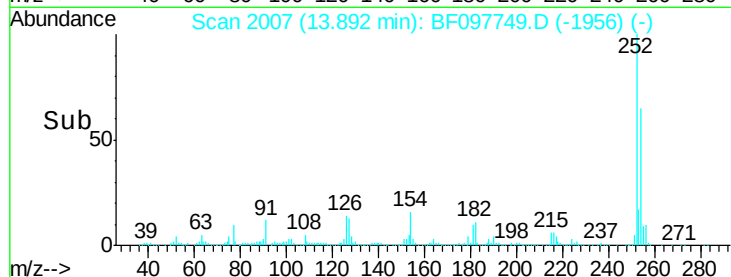
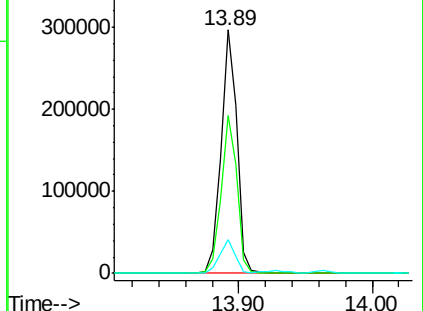
126 14.0 15.8 23.8#



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: 40.95 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

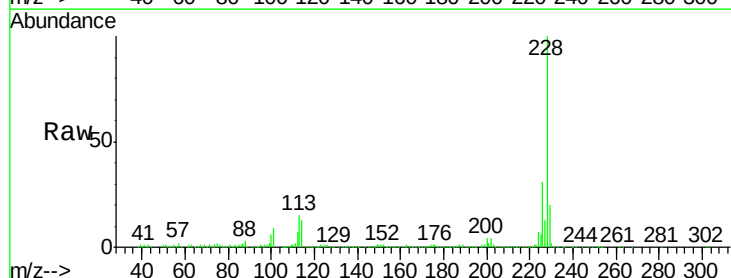
Tgt Ion:228 Resp: 655995

Ion Ratio Lower Upper

228 100

226 31.3 24.9 37.3

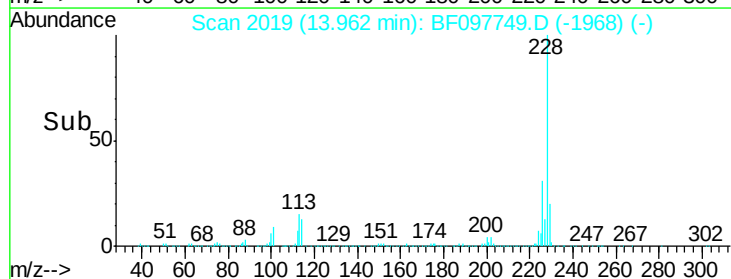
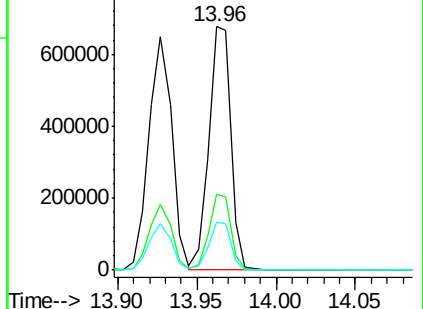
229 19.8 15.8 23.6

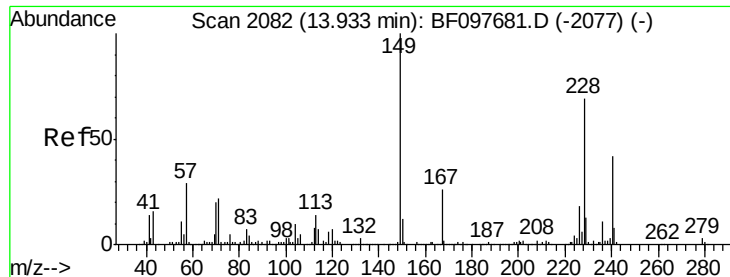


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

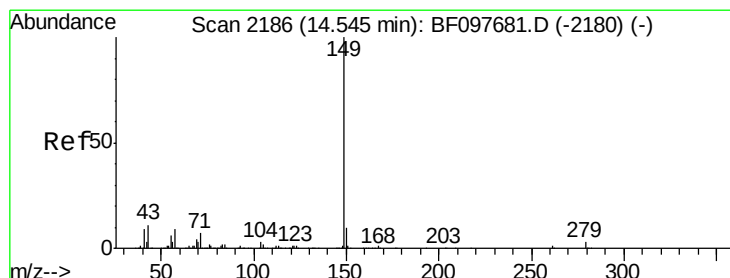
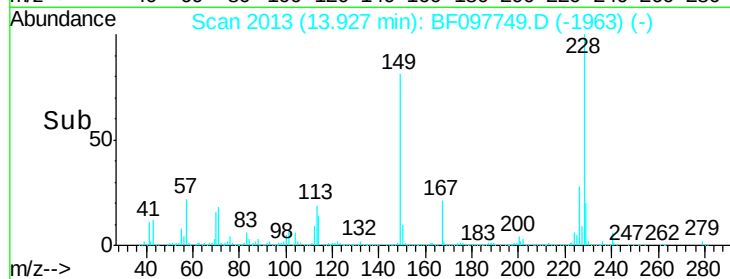
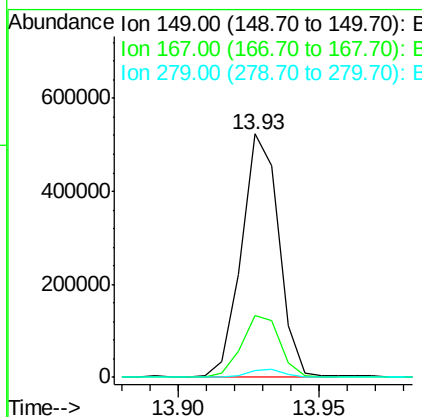
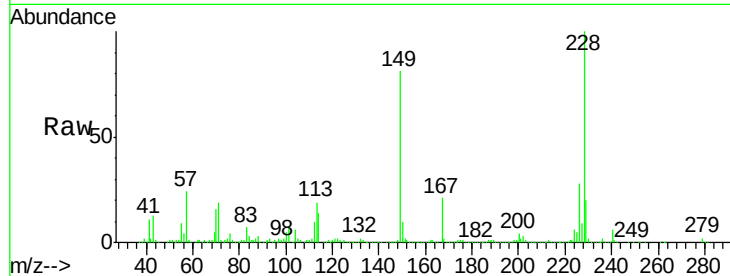




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.85 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

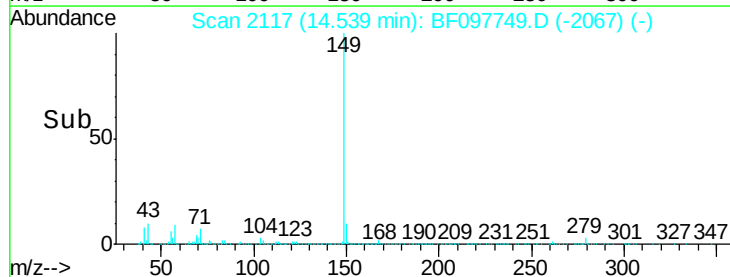
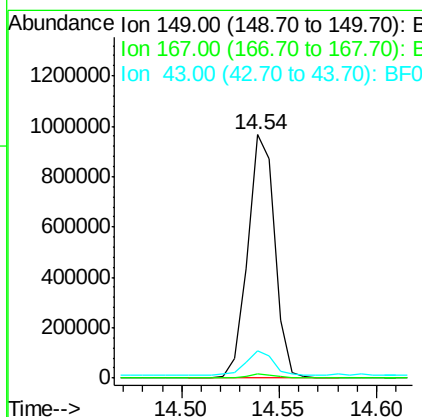
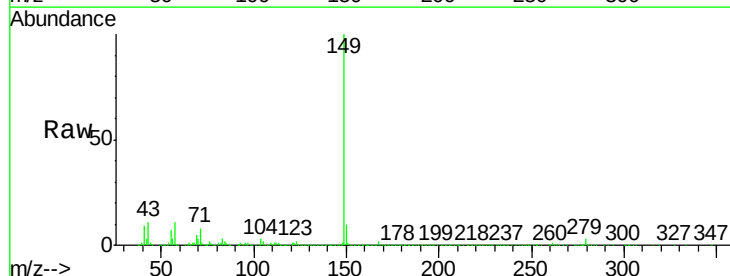
Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

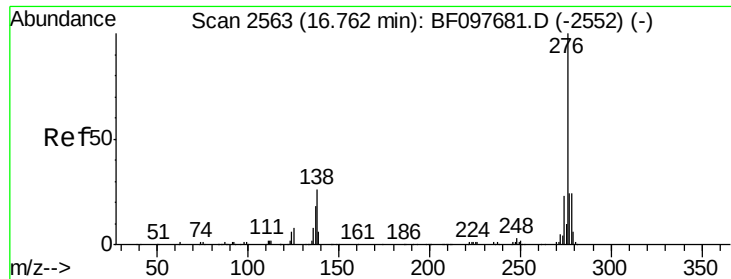
Tot Ion:149 Resp: 474790
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.0 31.4
 279 2.9 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 56.52 ng
 RT: 14.54 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion:149 Resp: 918268
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.3 8.5 12.7

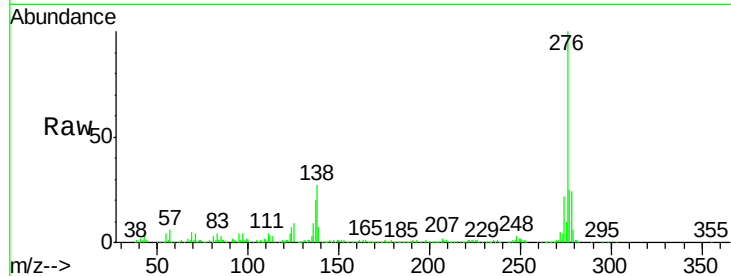




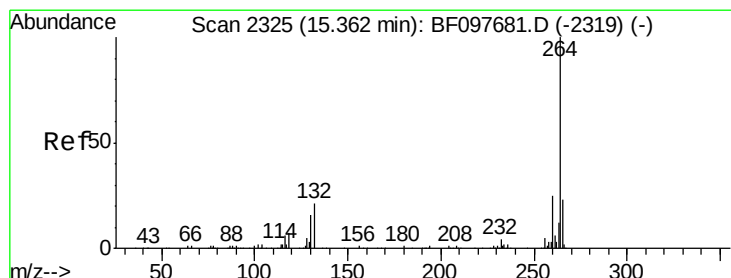
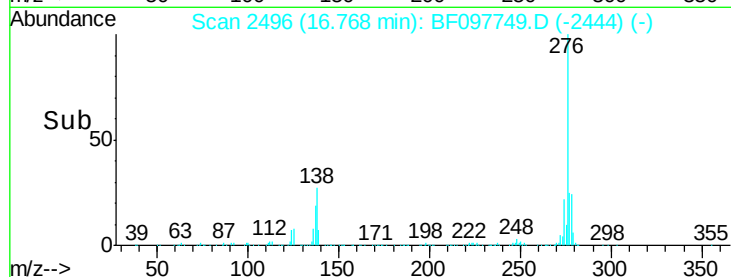
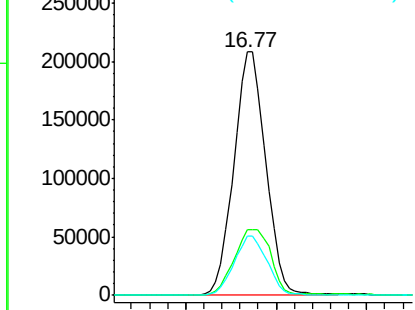
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.36 ng
 RT: 16.77 min Scan# 2496
 Delta R.T. 0.01 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.8	27.8	41.6
277	24.9	20.2	30.4

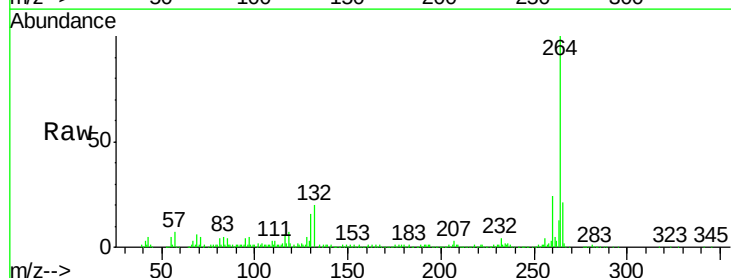


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

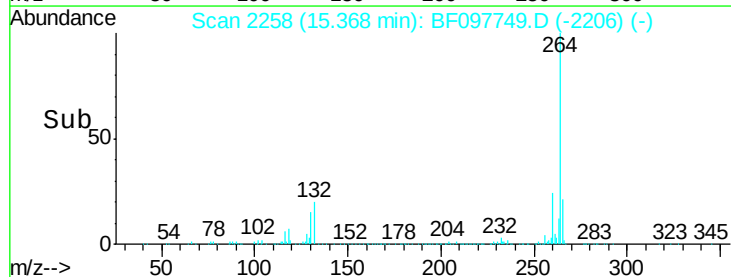
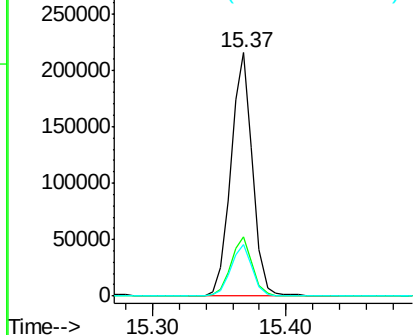


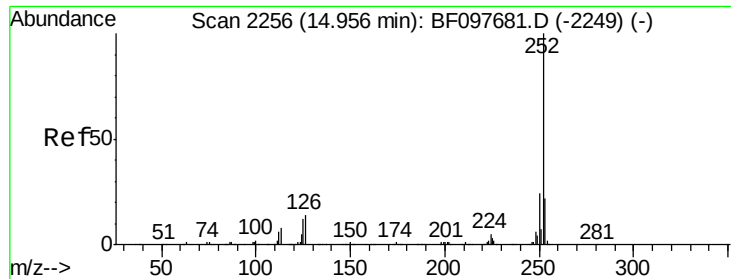
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 2258
 Delta R.T. 0.01 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	20.9	17.2	25.8



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

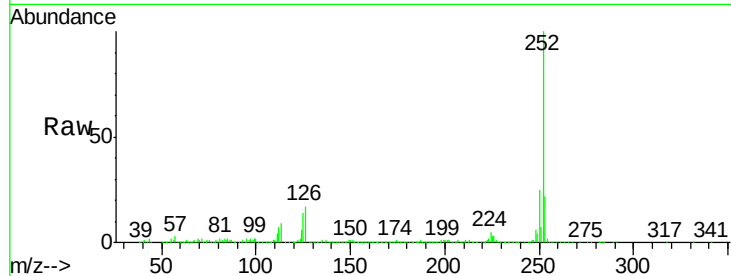




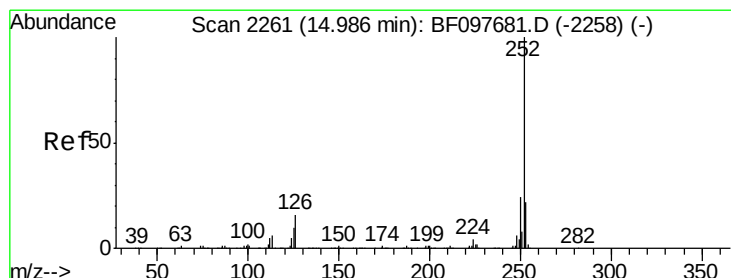
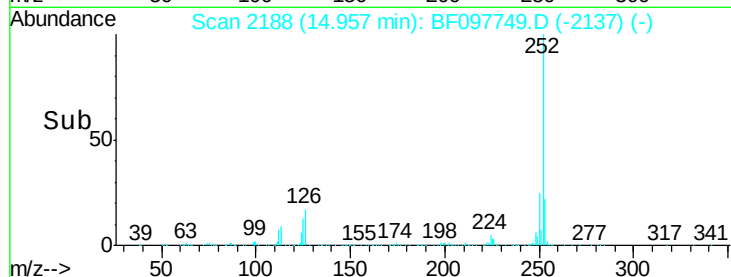
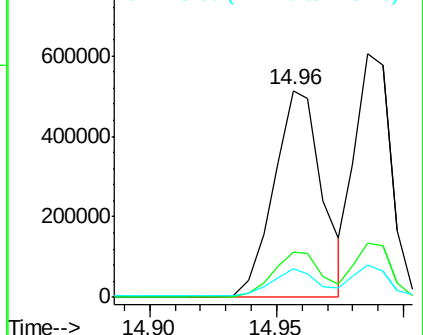
#87
Benzo(b)fluoranthene
Concen: 44.33 ng
RT: 14.96 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB101564BS

Tot Ion:252 Resp: 682454
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 13.6 9.8 14.8

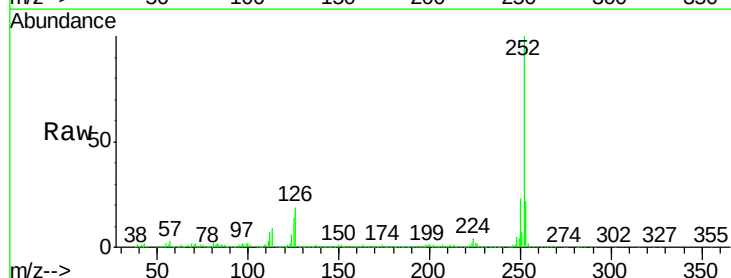


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

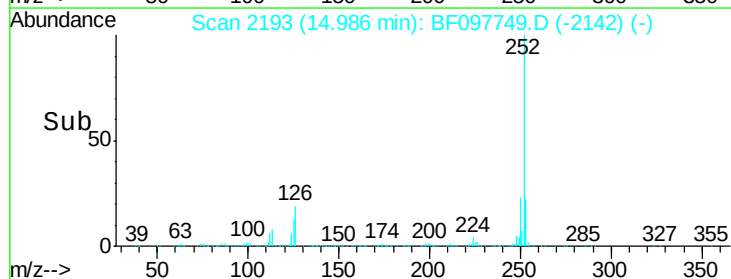
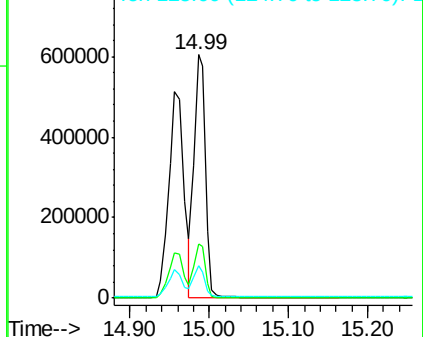


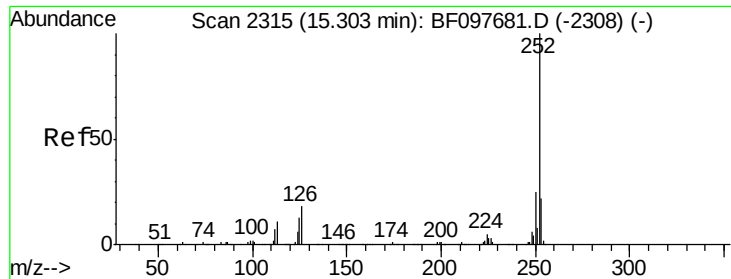
#88
Benzo(k)fluoranthene
Concen: 42.26 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion:252 Resp: 611155
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 13.5 13.1 19.7



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





#89

Benzo(a)pyrene

Concen: 44.46 ng

RT: 15.31 min Scan# 2248

Delta R.T. 0.01 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB101564BS

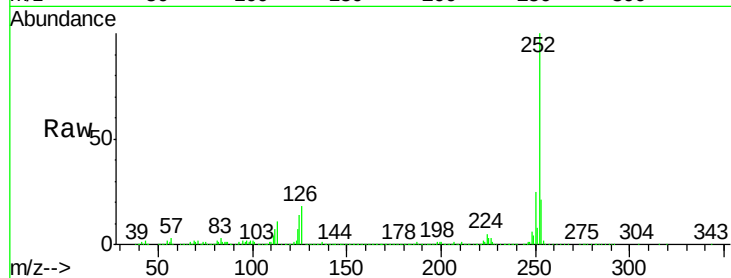
Tot Ion:252 Resp: 605946

Ion Ratio Lower Upper

252 100

253 21.1 17.5 26.3

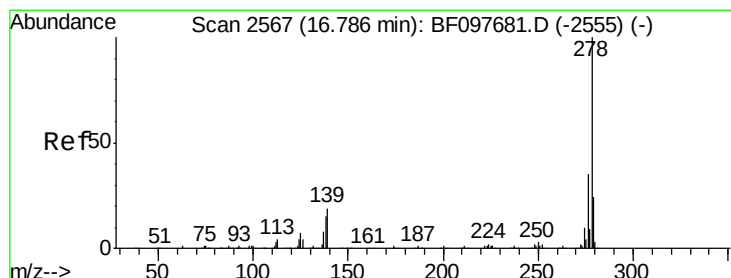
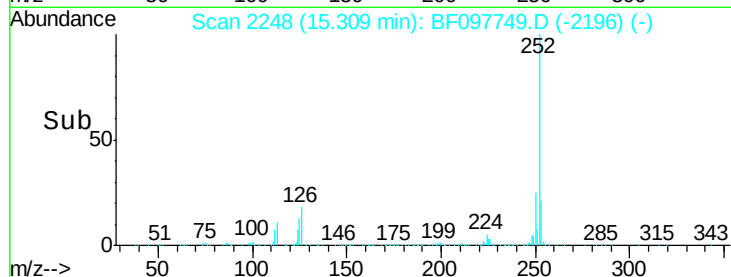
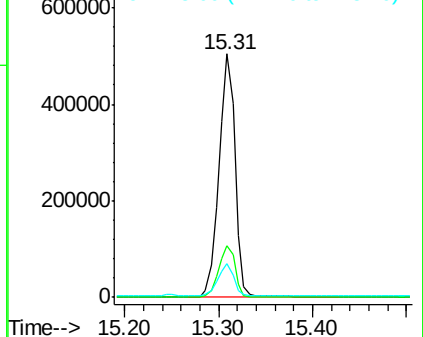
125 13.8 11.0 16.4



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: 39.43 ng

RT: 16.79 min Scan# 2500

Delta R.T. 0.01 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

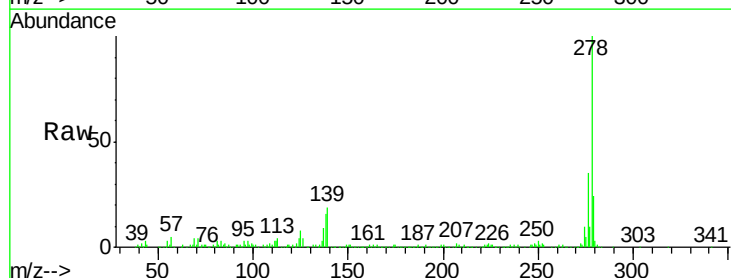
Tgt Ion:278 Resp: 437439

Ion Ratio Lower Upper

278 100

139 19.2 16.6 24.8

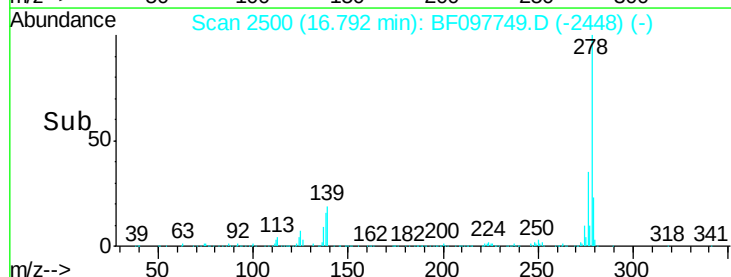
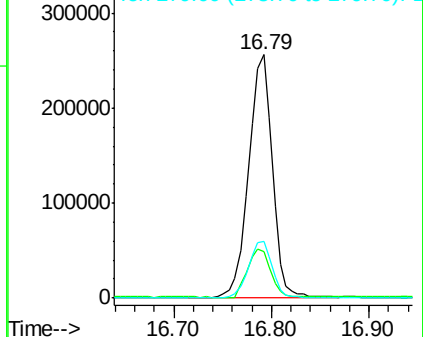
279 23.5 19.3 28.9

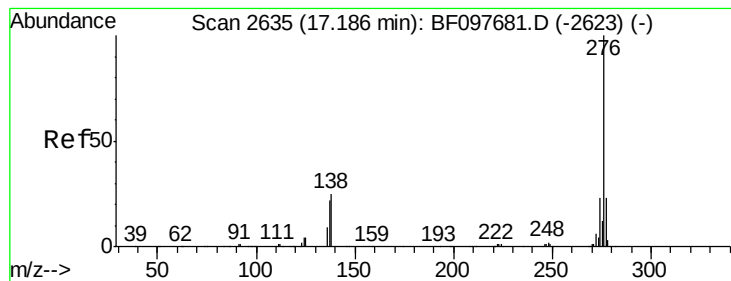


Abundance Ion 278.00 (277.70 to 278.70): E

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: 35.00 ng

RT: 17.19 min Scan# 2568

Delta R.T. 0.01 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB101564BS

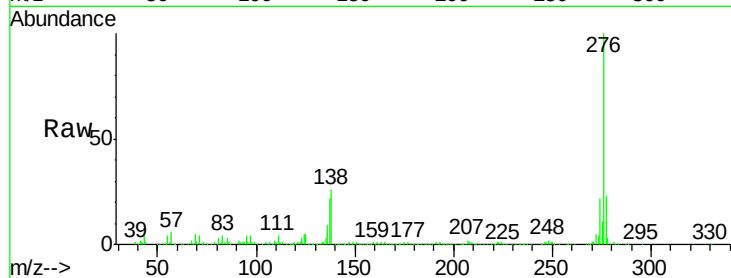
Tot Ion: 276 Resp: 405137

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 26.0 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

