

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097788.D
 Acq On : 17 Aug 2017 16:13
 Operator : SJ/JU
 Sample : PB101563BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

Quant Time: Aug 18 01:26:44 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	6.77	152	124587	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	494559	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	226380	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	437847	20.00	ng	0.00
75) Chrysene-d12	13.93	240	348055	20.00	ng	0.00
86) Perylene-d12	15.36	264	250480	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1011512	123.49	ng	0.01
7) Phenol-d6	6.41	99	1394545	125.31	ng	0.00
23) Nitrobenzene-d5	7.34	82	842001	92.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	287415	146.33	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1315640	85.38	ng	0.00
78) Terphenyl-d14	12.88	244	1196312	71.68	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	169093	37.02	ng	89
3) Pyridine	3.29	79	484329	38.35	ng	86
4) n-Nitrosodimethylamine	3.24	42	178584	36.75	ng	# 74
6) Aniline	6.44	93	309706	19.81	ng	97
8) 2-Chlorophenol	6.56	128	356923	41.32	ng	99
9) Benzaldehyde	6.32	77	134872	19.13	ng	88
10) Phenol	6.42	94	519998	39.95	ng	93
11) bis(2-Chloroethyl)ether	6.52	93	392013	39.90	ng	95
12) 1,3-Dichlorobenzene	6.72	146	361874	38.95	ng	# 94
13) 1,4-Dichlorobenzene	6.79	146	364812	38.61	ng	# 93
14) 1,2-Dichlorobenzene	6.95	146	342290	39.28	ng	100
15) Benzyl Alcohol	6.92	79	362768	43.54	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	518428	39.22	ng	91
17) 2-Methylphenol	7.03	107	327862	43.07	ng	98
18) Hexachloroethane	7.29	117	145048	39.15	ng	# 81
19) n-Nitroso-di-n-propylamine	7.19	70	294126	38.61	ng	89
20) 3+4-Methylphenols	7.19	107	399562	42.98	ng	90
22) Acetophenone	7.19	105	529037	40.49	ng	# 89
24) Nitrobenzene	7.36	77	450540	44.45	ng	92
25) Isophorone	7.60	82	803130	42.43	ng	97
26) 2-Nitrophenol	7.67	139	181297	49.22	ng	# 82
27) 2,4-Dimethylphenol	7.72	122	330119	41.81	ng	93
28) bis(2-Chloroethoxy)methane	7.81	93	505642	40.63	ng	97
29) 2,4-Dichlorophenol	7.92	162	283018	43.19	ng	93
30) 1,2,4-Trichlorobenzene	8.00	180	288509	39.71	ng	99
31) Naphthalene	8.08	128	1029501	40.10	ng	100
32) Benzoic acid	7.84	122	225601	40.39	ng	89
33) 4-Chloroaniline	8.13	127	155961	14.40	ng	99
34) Hexachlorobutadiene	8.20	225	166567	39.27	ng	97
35) Caprolactam	8.50	113	67822	30.44	ng	99
36) 4-Chloro-3-methylphenol	8.62	107	356082	42.29	ng	# 80
37) 2-Methylnaphthalene	8.77	142	677054	43.01	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	269250	38.75	ng	# 98
40) Hexachlorocyclopentadiene	8.93	237	346105	103.70	ng	100

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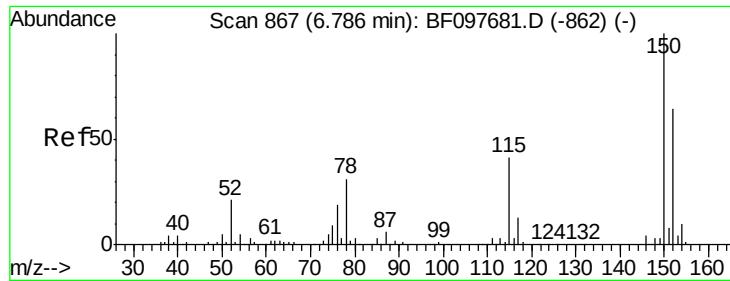
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.05	196	199224	42.71	nq	97
43) 2,4,5-Trichlorophenol	9.09	196	206689	44.67	nq	96
45) 1,1'-Biphenyl	9.24	154	808777	39.18	nq	97
46) 2-Chloronaphthalene	9.26	162	592682	38.86	nq	# 92
47) 2-Nitroaniline	9.36	65	229256	44.83	nq	97
48) Acenaphthylene	9.67	152	984665	41.11	nq	99
49) Dimethylphthalate	9.54	163	701493	42.39	nq	100
50) 2,6-Dinitrotoluene	9.60	165	150221	45.48	nq	# 59
51) Acenaphthene	9.85	154	599889	39.71	nq	100
52) 3-Nitroaniline	9.76	138	105093	24.66	nq	81
53) 2,4-Dinitrophenol	9.87	184	147937	92.36	nq	# 70
54) Dibenzofuran	10.02	168	871750	43.06	nq	98
55) 4-Nitrophenol	9.93	139	293502	86.34	nq	# 50
56) 2,4-Dinitrotoluene	10.00	165	205814	49.65	nq	# 66
57) Fluorene	10.36	166	657392	42.00	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.13	232	173686	48.48	nq	93
59) Diethylphthalate	10.24	149	713549	41.23	nq	100
60) 4-Chlorophenyl-phenylether	10.36	204	306059	42.09	nq	# 84
61) 4-Nitroaniline	10.38	138	172027	42.47	nq	75
62) Azobenzene	10.52	77	870034	42.33	nq	93
64) 4,6-Dinitro-2-methylphenol	10.41	198	98073	47.61	nq	# 71
65) n-Nitrosodiphenylamine	10.47	169	603608	40.48	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	189163	41.60	nq	93
67) Hexachlorobenzene	10.90	284	186663	40.28	nq	# 84
68) Atrazine	11.00	200	182092	46.05	nq	97
69) Pentachlorophenol	11.10	266	228052	84.40	nq	98
70) Phenanthrene	11.32	178	967668	41.47	nq	99
71) Anthracene	11.37	178	993010	41.96	nq	99
72) Carbazole	11.53	167	928231	41.32	nq	99
73) Di-n-butylphthalate	11.86	149	1110580	42.92	nq	99
74) Fluoranthene	12.50	202	1024372	42.06	nq	97
76) Benzidine	12.63	184	262566	23.01	nq	# 92
77) Pyrene	12.73	202	1063783	37.37	nq	98
79) Butylbenzylphthalate	13.36	149	473181	43.35	nq	# 79
80) Benzo(a)anthracene	13.92	228	819889	39.30	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	184191	26.17	nq	# 95
82) Chrysene	13.96	228	786388	37.90	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	553673	45.78	nq	# 99
84) Di-n-octyl phthalate	14.53	149	939441	44.64	nq	98
85) Indeno(1,2,3-cd)pyrene	16.76	276	615394	40.31	nq	95
87) Benzo(b)fluoranthene	14.94	252	680783	43.12	nq	99
88) Benzo(k)fluoranthene	14.97	252	600407	40.48	nq	# 95
89) Benzo(a)pyrene	15.30	252	596299	42.66	nq	99
90) Dibenzo(a,h)anthracene	16.77	278	504006	44.29	nq	98
91) Benzo(g,h,i)perylene	17.18	276	520722	43.86	nq	# 92

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

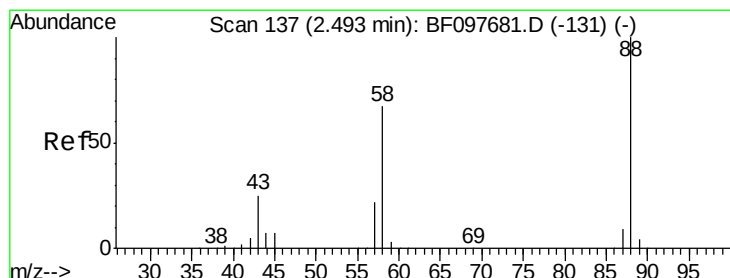
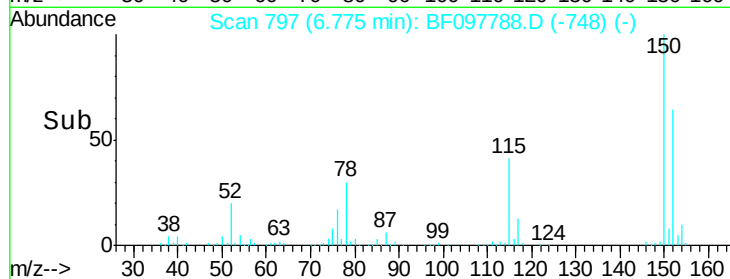
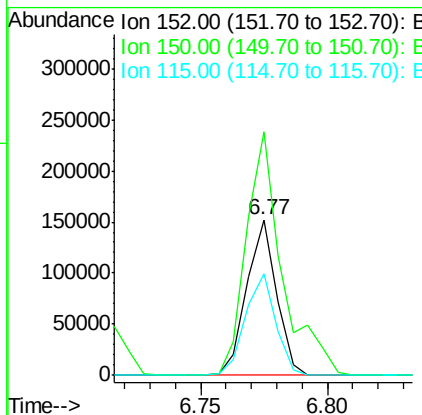
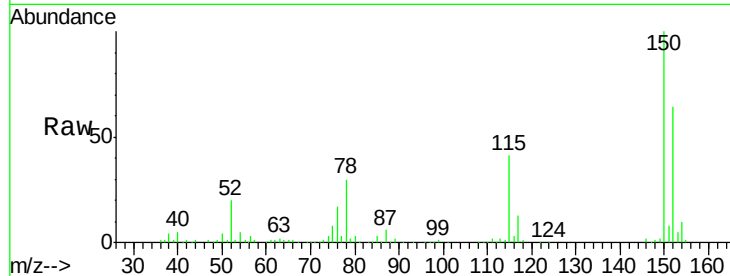


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Instrument :
BNA_F
ClientSampleId :
PB101563BS

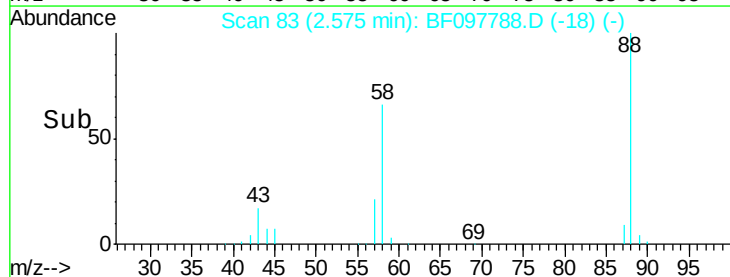
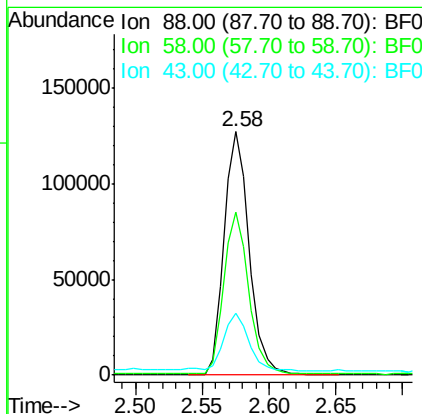
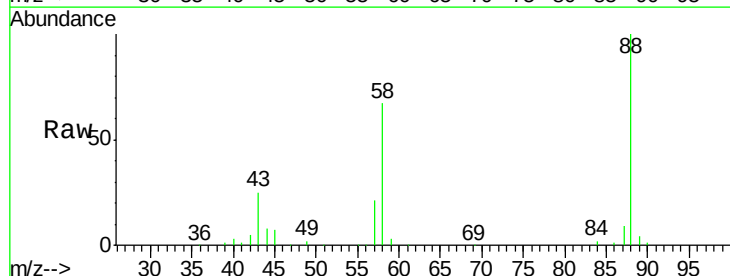
Tot Ion:152 Resp: 124587
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.2
115 65.0 52.2 78.2

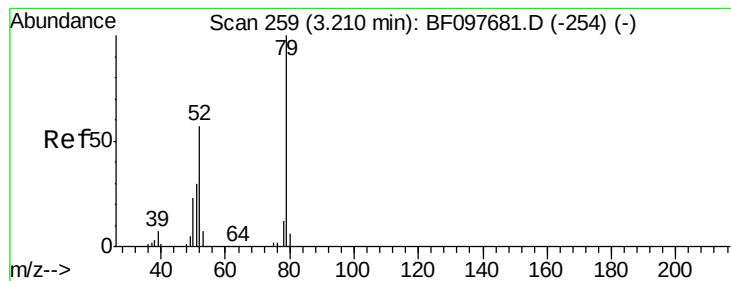


#2

1,4-Dioxane
Concen: 37.02 ng
RT: 2.58 min Scan# 83
Delta R.T. 0.08 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion: 88 Resp: 169093
Ion Ratio Lower Upper
88 100
58 65.7 61.4 92.0
43 25.1 23.4 35.0





#3

Pvridine

Concen: 38.35 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.08 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101563BS

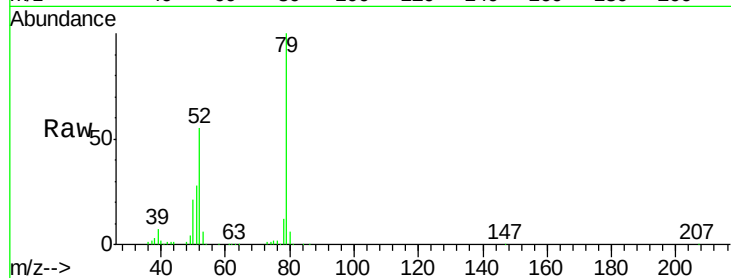
Tot Ion: 79 Resp: 484329

Ion Ratio Lower Upper

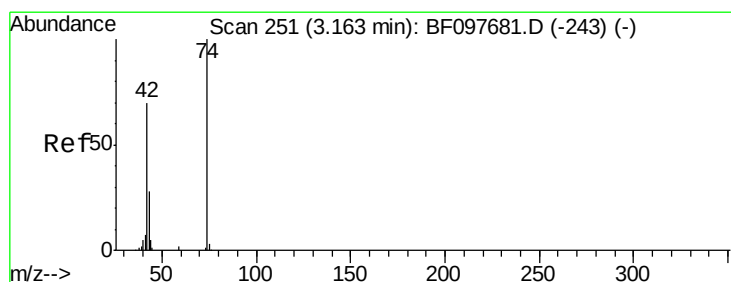
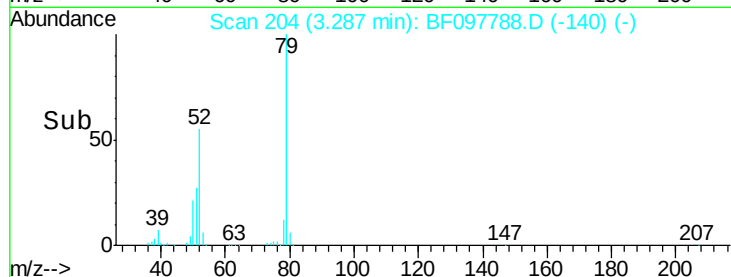
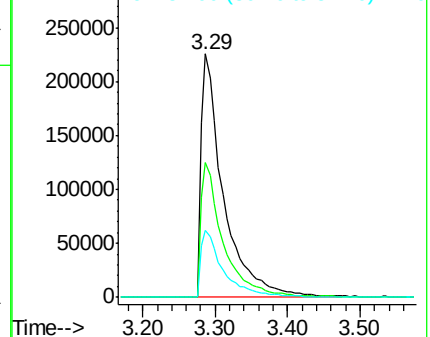
79 100

52 55.3 54.8 82.2

51 27.6 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.75 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.08 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

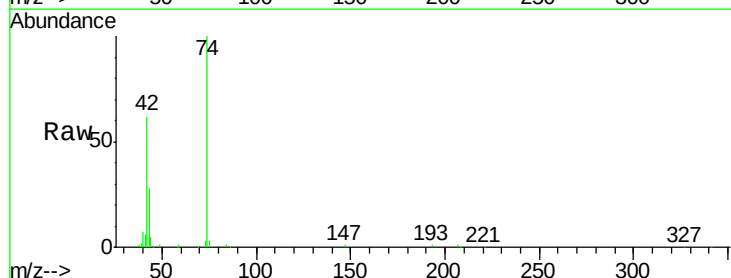
Tgt Ion: 42 Resp: 178584

Ion Ratio Lower Upper

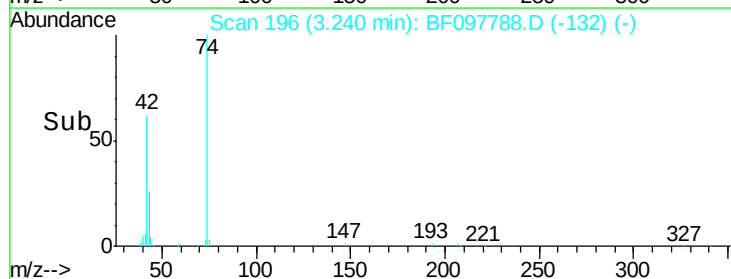
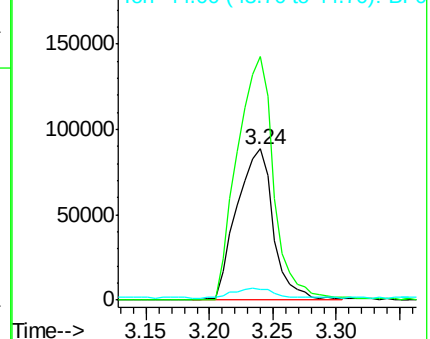
42 100

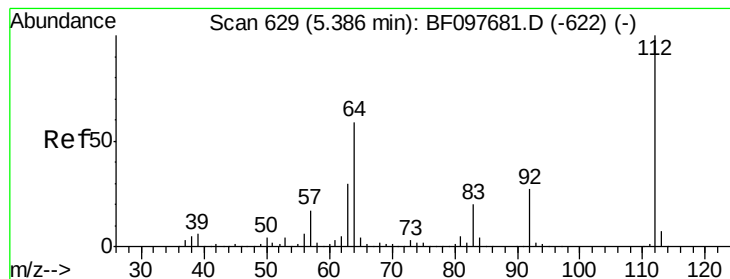
74 161.2 103.9 155.9#

44 7.4 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 123.49 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101563BS

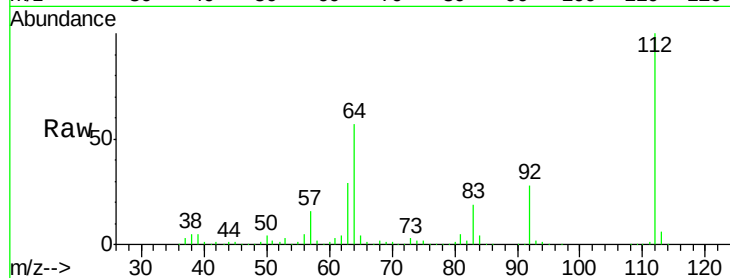
Tot Ion:112 Resp: 1011512

Ion Ratio Lower Upper

112 100

64 57.2 46.0 69.0

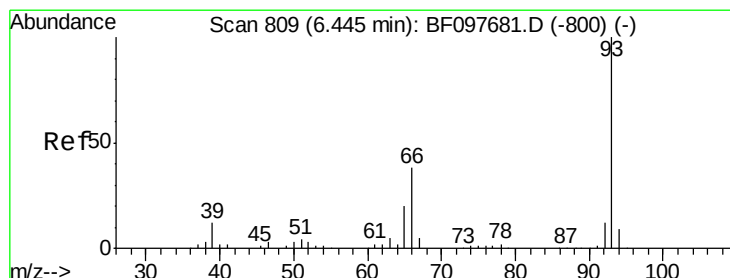
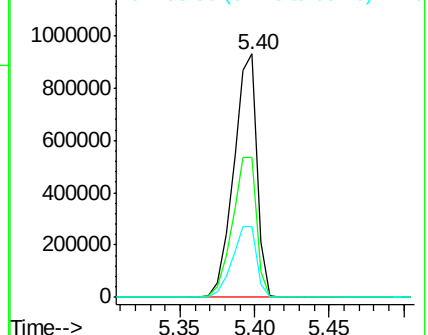
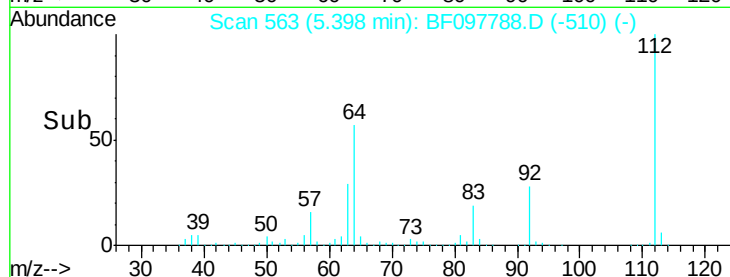
63 28.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.81 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

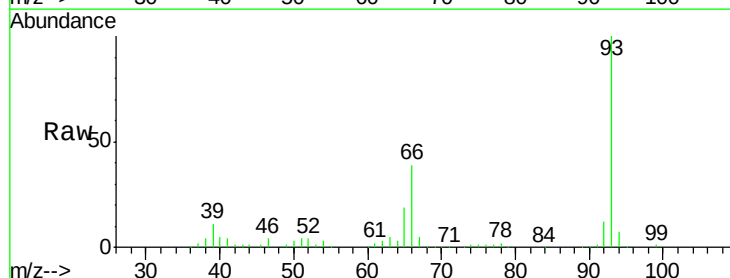
Tgt Ion: 93 Resp: 309706

Ion Ratio Lower Upper

93 100

66 38.9 32.9 49.3

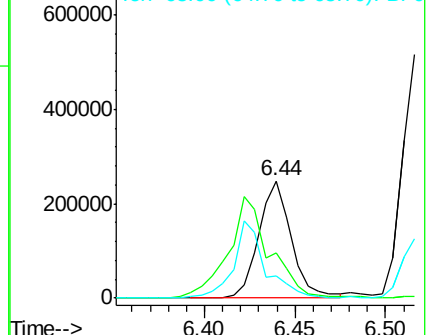
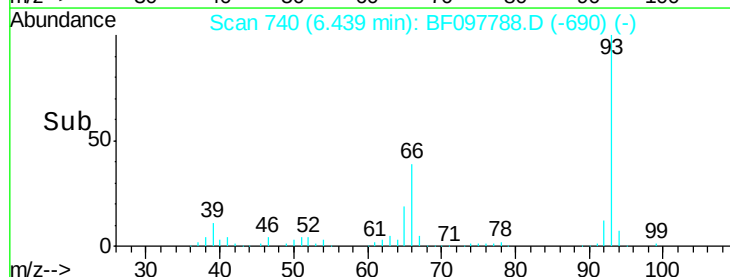
65 19.0 16.0 24.0

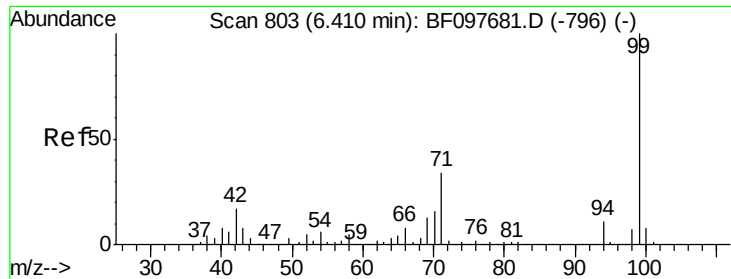


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.31 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101563BS

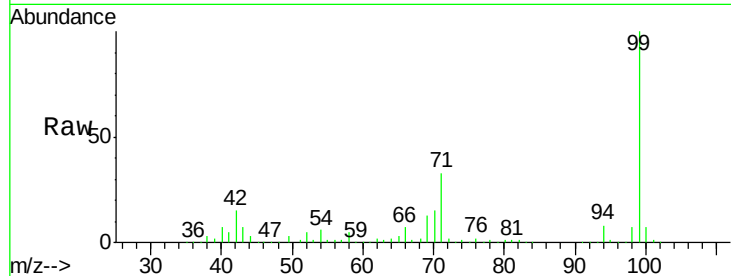
Tot Ion: 99 Resp: 1394545

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

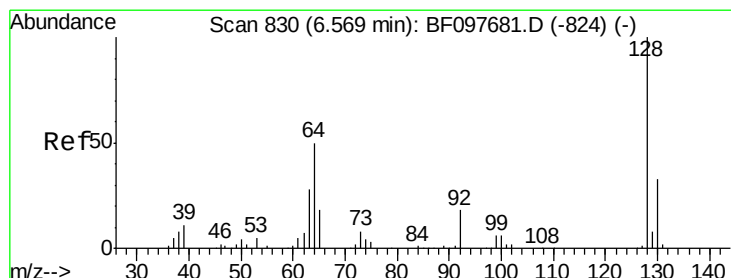
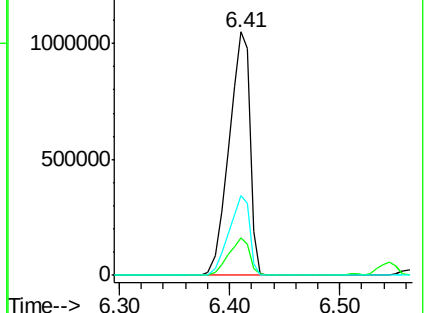
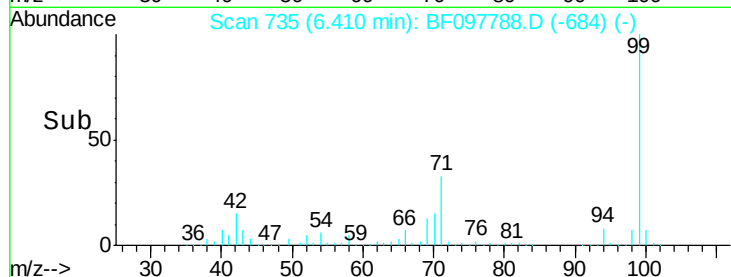
71 32.6 24.5 36.7



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: 41.32 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

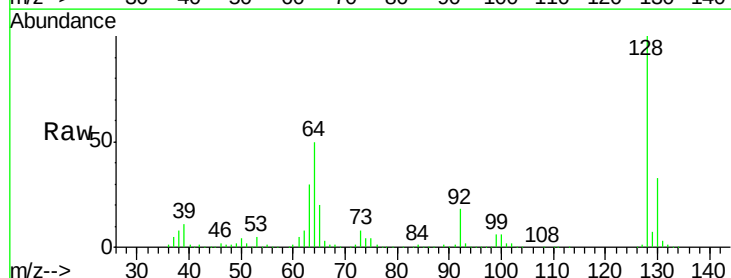
Tgt Ion:128 Resp: 356923

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

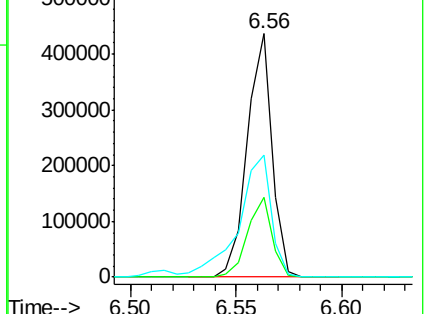
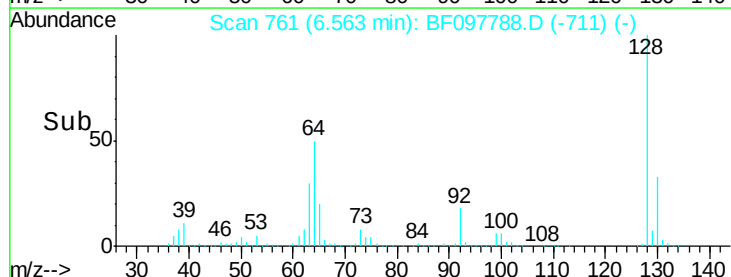
64 49.9 28.4 68.4

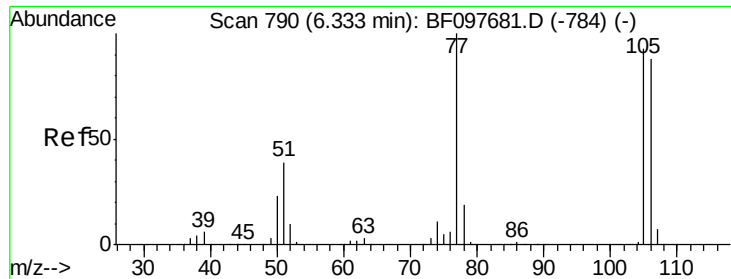


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

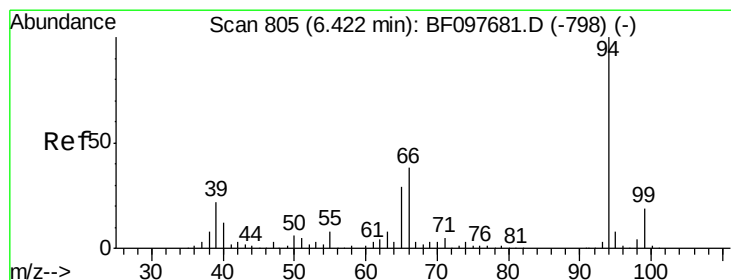
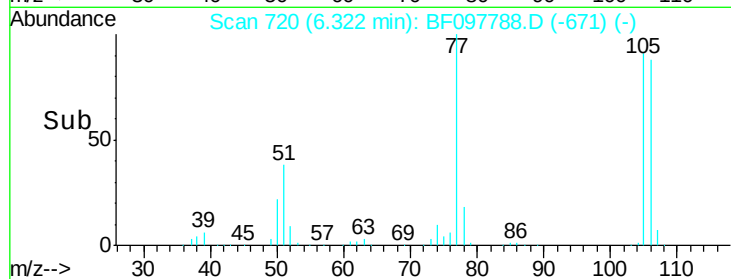
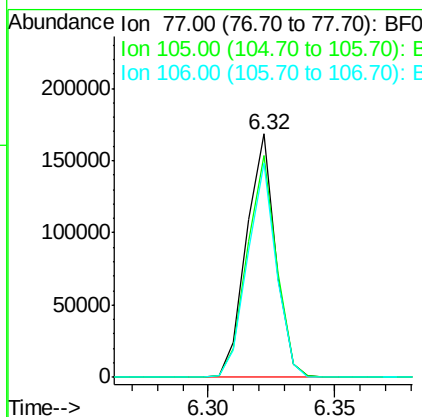
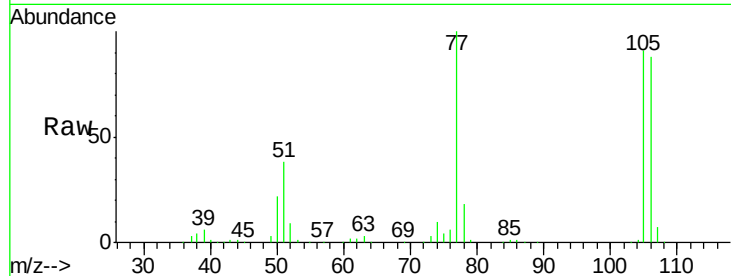




#9
Benzaldehyde
Concen: 19.13 ng
RT: 6.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

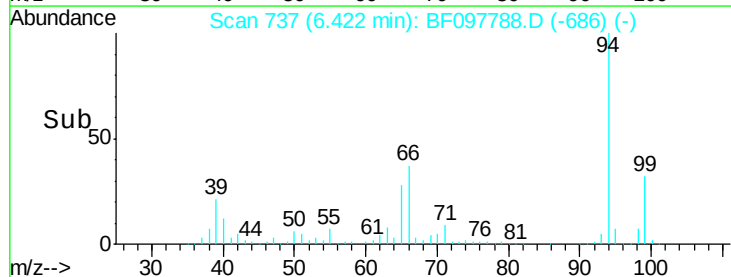
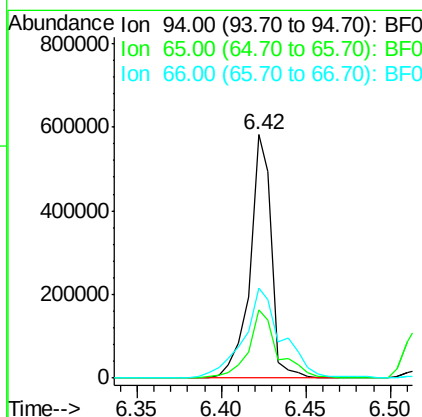
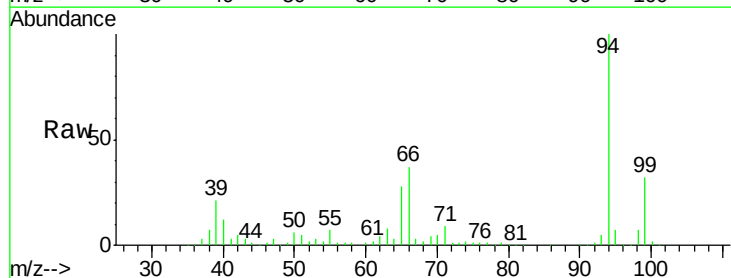
Instrument :
BNA_F
ClientSampleId :
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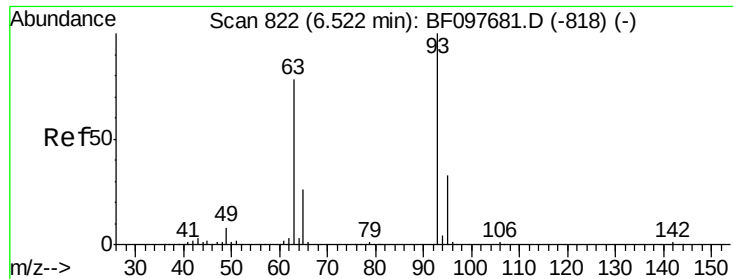
Tot Ion: 77 Resp: 134872
Ion Ratio Lower Upper
77 100
105 91.0 83.8 123.8
106 87.8 79.1 119.1



#10
Phenol
Concen: 39.95 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion: 94 Resp: 519998
Ion Ratio Lower Upper
94 100
65 28.2 9.9 49.9
66 36.9 23.1 63.1

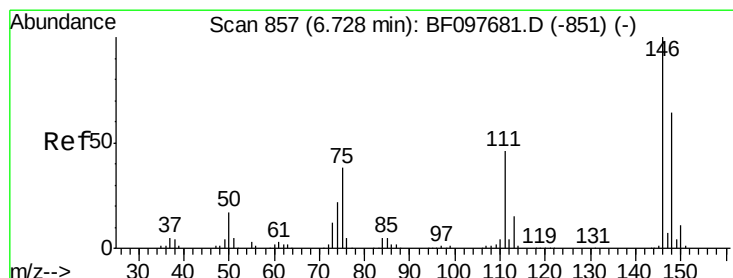
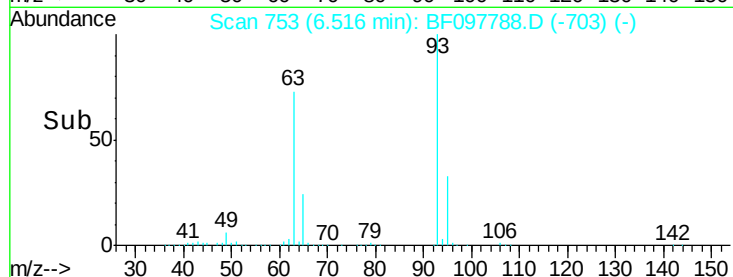
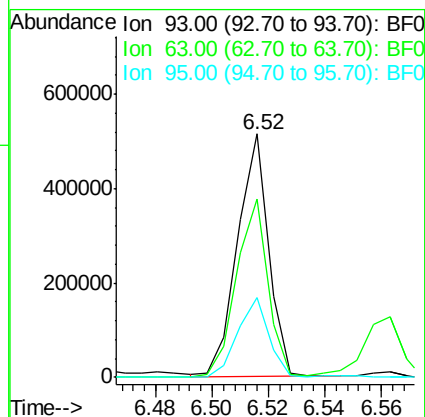
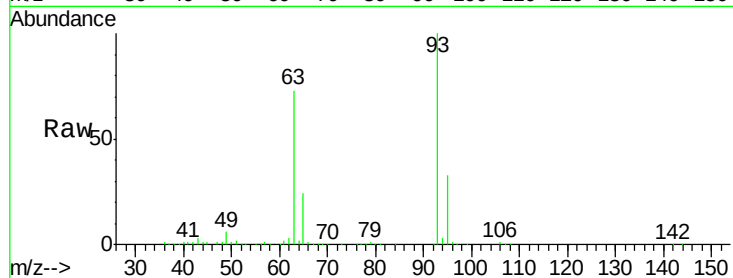




#11
 bis(2-Chloroethyl)ether
 Concen: 39.90 ng
 RT: 6.52 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

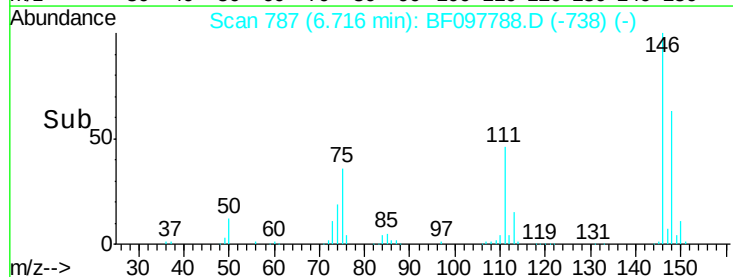
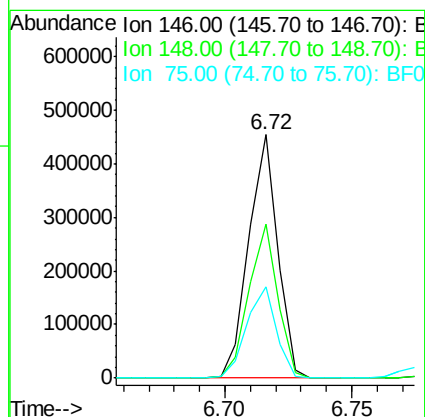
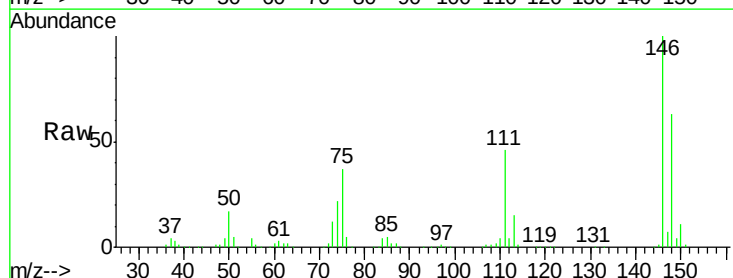
Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

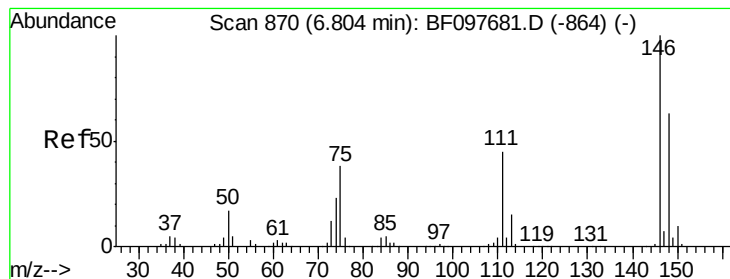
Tot Ion: 93 Resp: 392013
 Ion Ratio Lower Upper
 93 100
 63 73.1 59.2 99.2
 95 32.7 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 38.95 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion: 146 Resp: 361874
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.8 77.6
 75 37.4 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 38.61 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101563BS

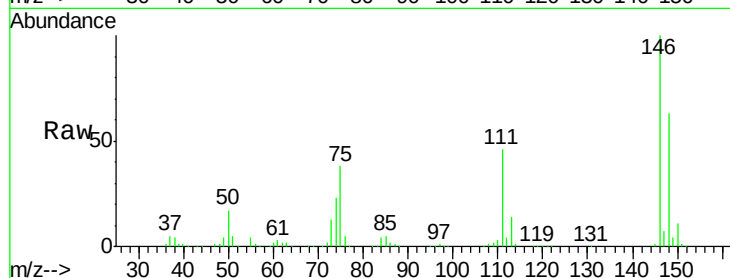
Tot Ion:146 Resp: 364812

Ion Ratio Lower Upper

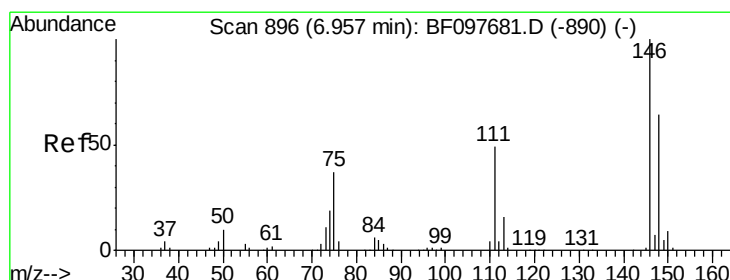
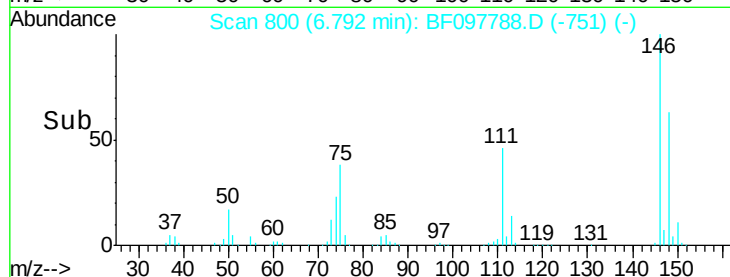
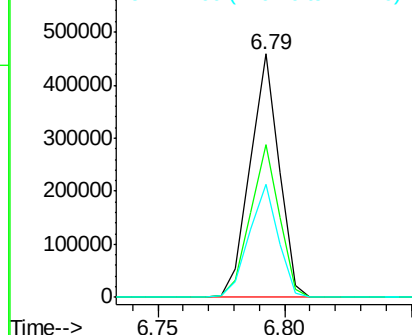
146 100

148 62.5 52.2 78.2

111 46.2 30.3 45.5#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.28 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

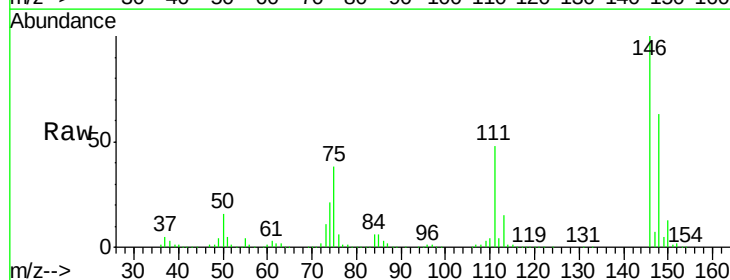
Tgt Ion:146 Resp: 342290

Ion Ratio Lower Upper

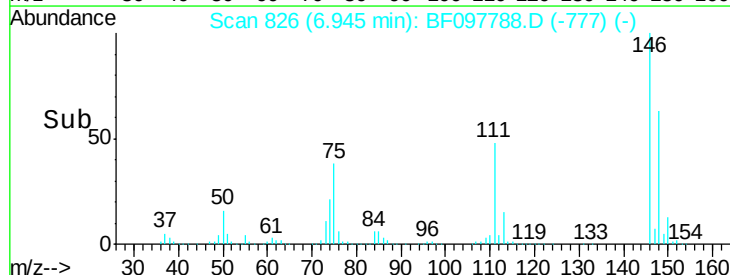
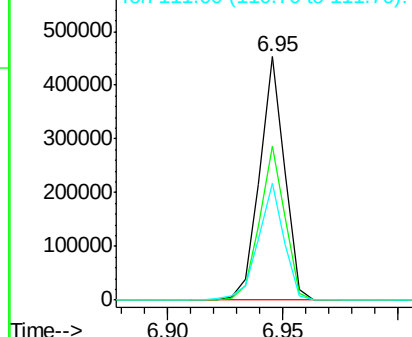
146 100

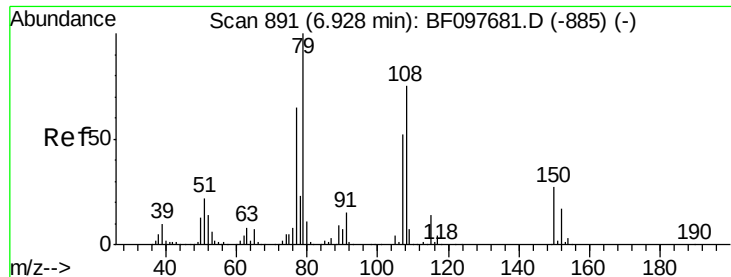
148 63.1 50.4 75.6

111 48.2 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.54 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101563BS

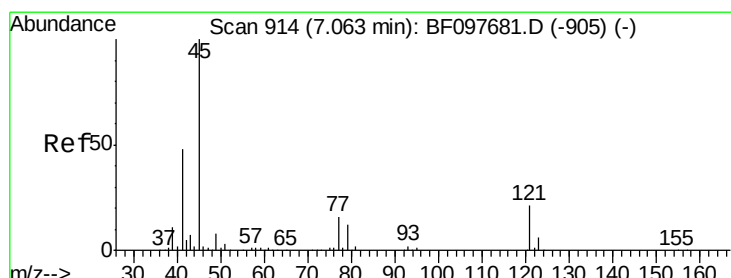
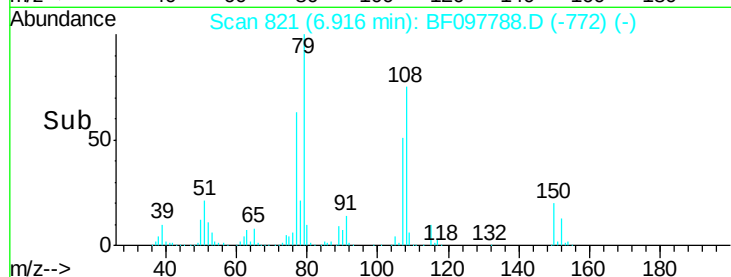
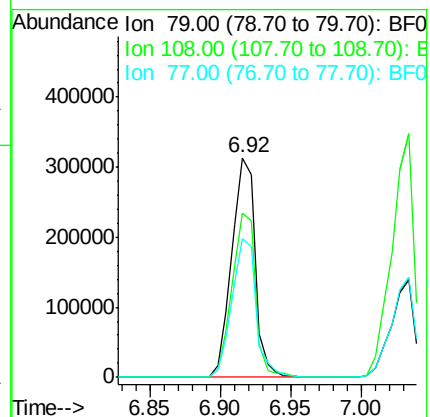
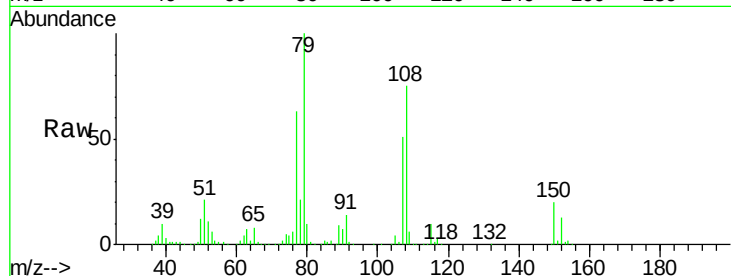
Tot Ion: 79 Resp: 362768

Ion Ratio Lower Upper

79 100

108 74.8 63.4 95.0

77 63.0 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.22 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

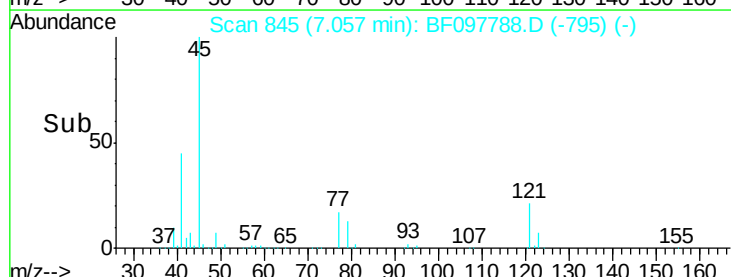
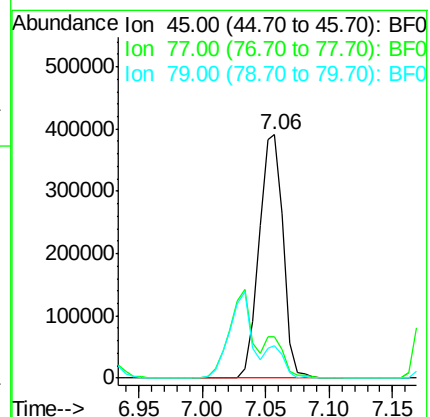
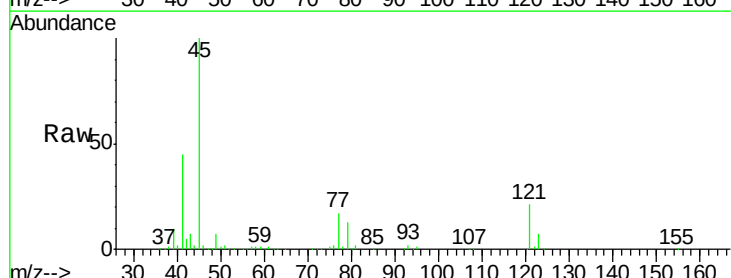
Tgt Ion: 45 Resp: 518428

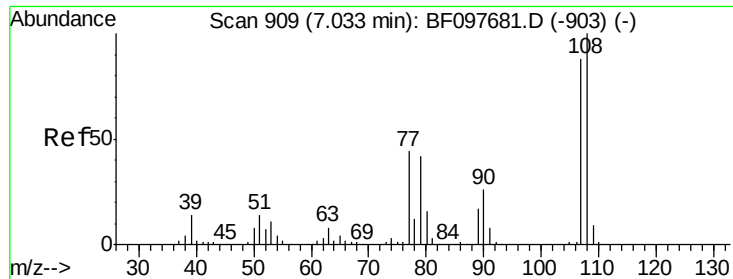
Ion Ratio Lower Upper

45 100

77 16.8 0.0 33.2

79 13.2 0.0 30.0

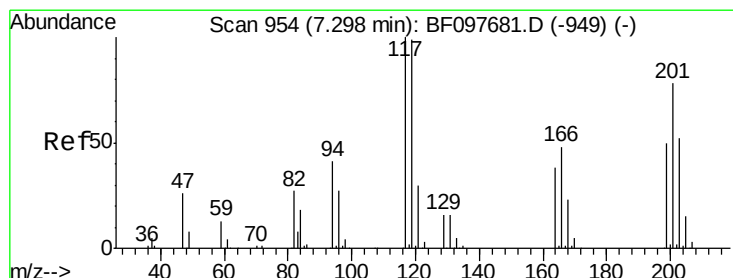
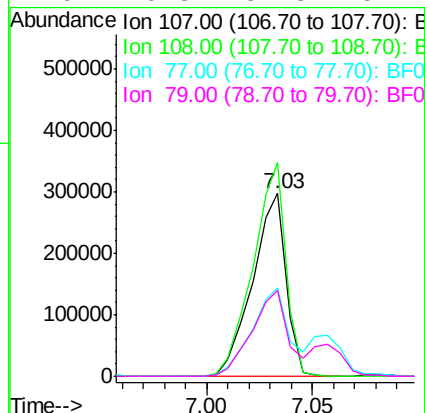
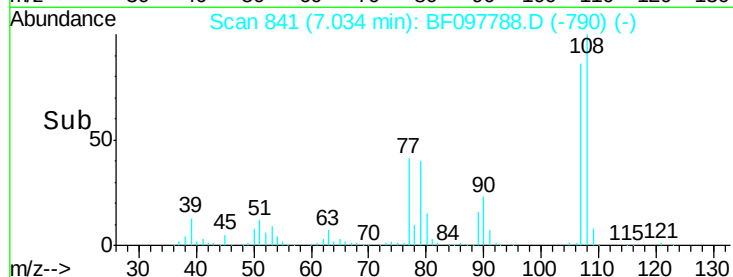
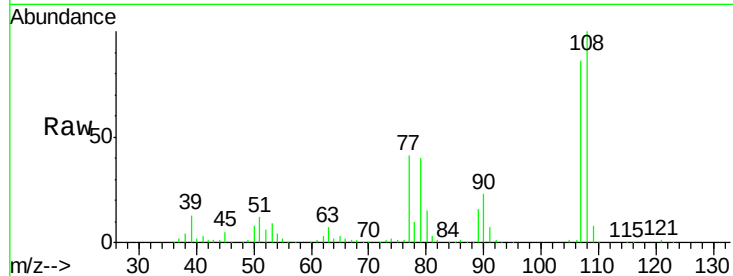




#17
2-Methylphenol
Concen: 43.07 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

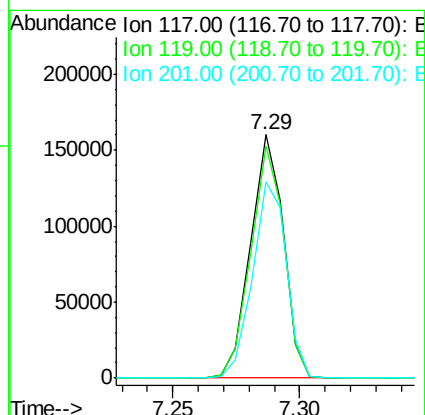
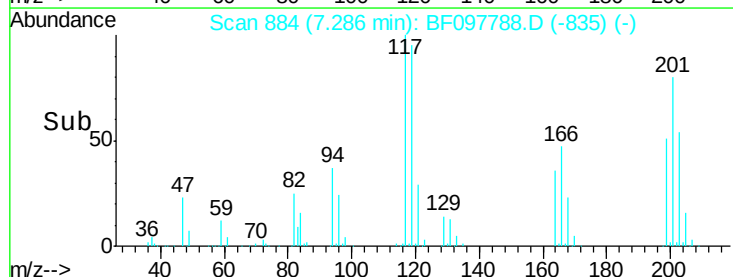
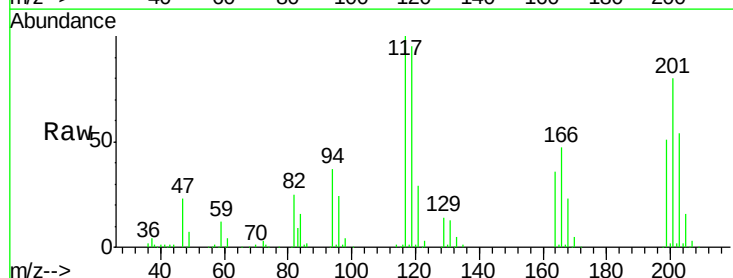
Instrument :
BNA_F
ClientSampleId :
PB101563BS

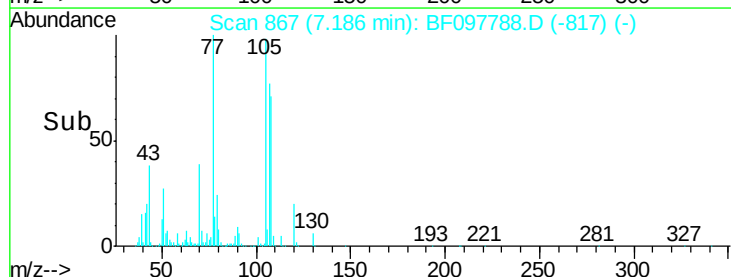
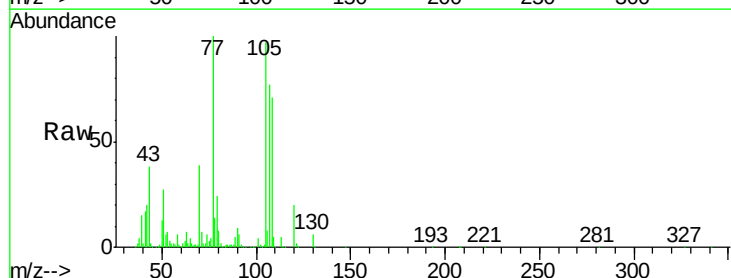
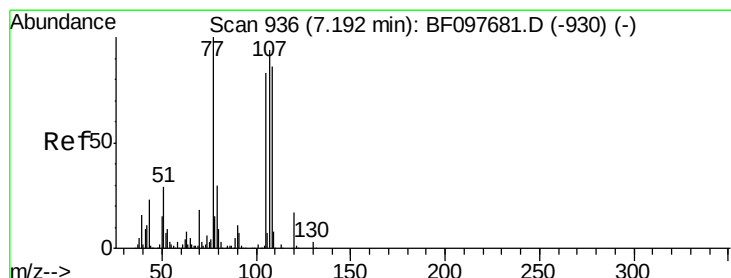
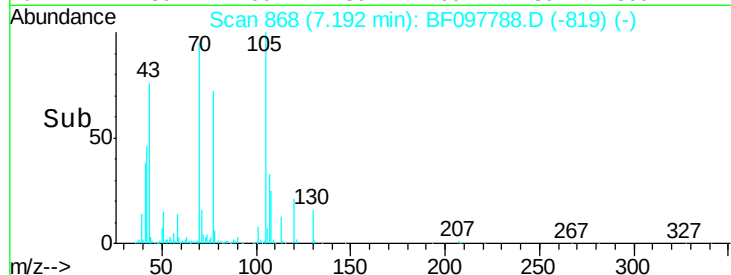
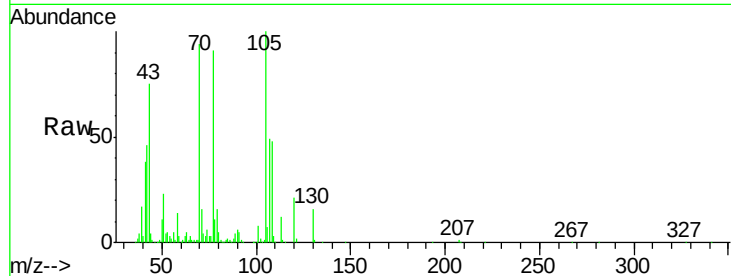
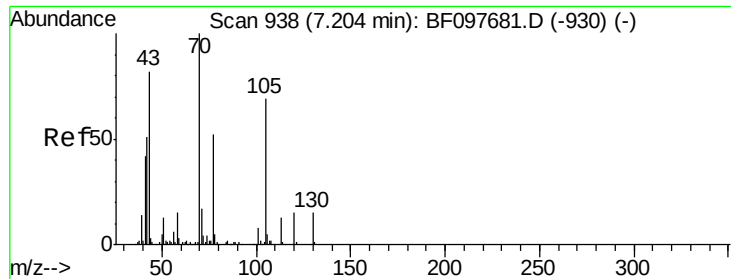
Tot Ion:	107	Resp:	327862
Ion	Ratio	Lower	Upper
107	100		
108	116.8	93.4	140.0
77	48.0	35.8	53.6
79	46.8	34.8	52.2



#18
Hexachloroethane
Concen: 39.15 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion:	117	Resp:	145048
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.4	116.0
201	80.4	94.6	141.8#

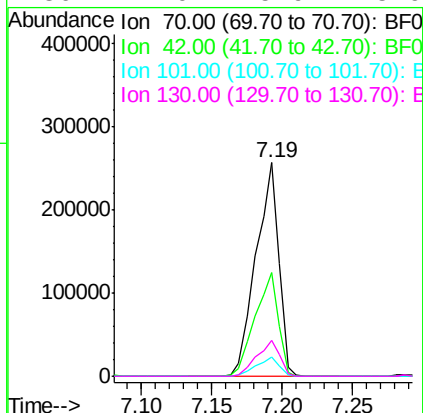




#19
n-Nitroso-di-n-propylamine
Concen: 38.61 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

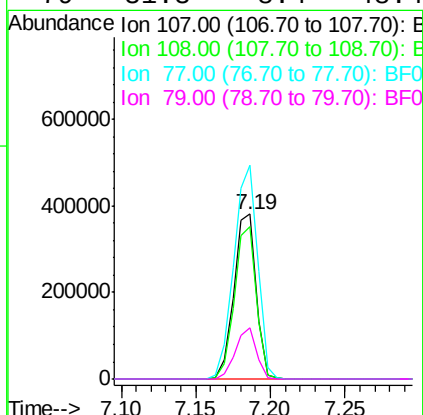
Instrument :
BNA_F
ClientSampleId :
PB101563BS

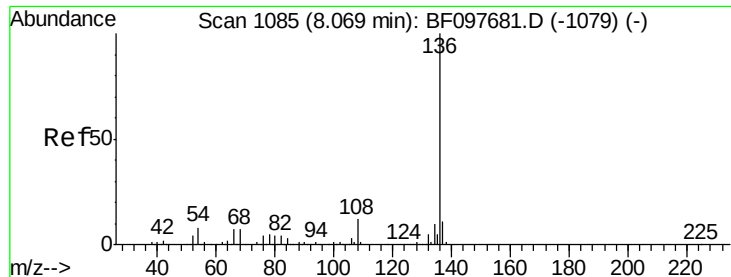
Tot Ion:	70	Resp:	294126
Ion	Ratio	Lower	Upper
70	100		
42	48.3	47.2	70.8
101	8.8	7.2	10.8
130	17.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 42.98 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion:	107	Resp:	399562
Ion	Ratio	Lower	Upper
107	100		
108	92.5	71.0	111.0
77	129.8	90.5	130.5
79	31.3	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101563BS

Tot Ion:136 Resp: 494559

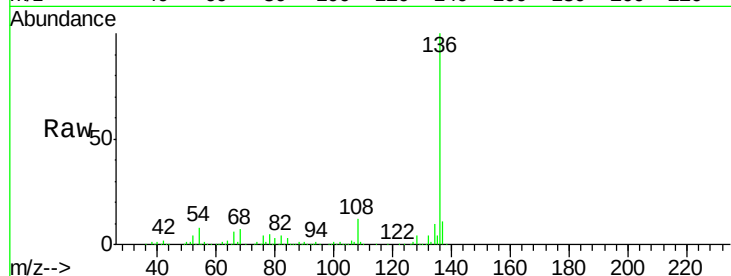
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.8 4.9 7.3#

68 7.5 4.1 6.1#

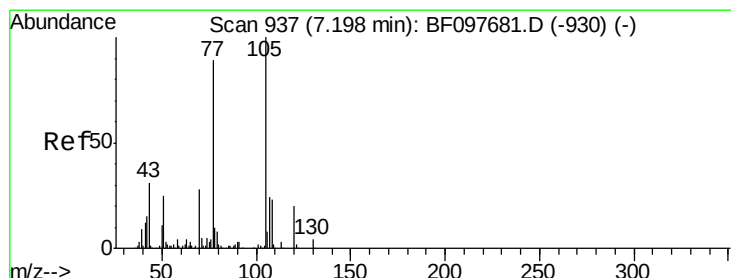
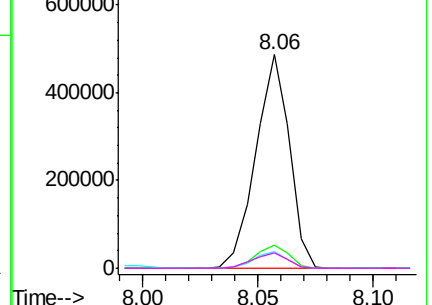
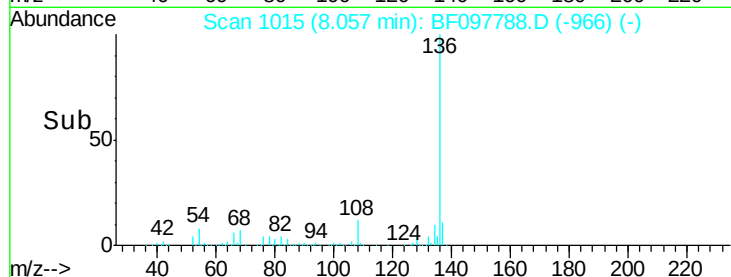


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.49 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Tgt Ion:105 Resp: 529037

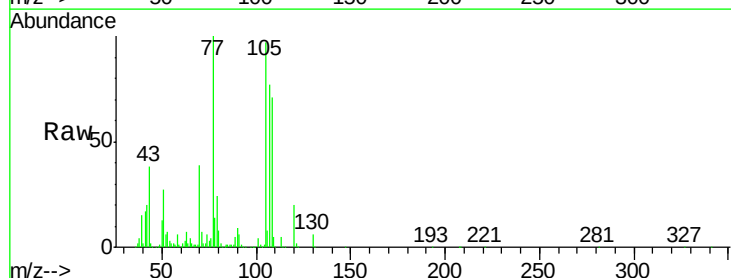
Ion Ratio Lower Upper

105 100

71 7.0 2.8 4.2#

51 28.2 30.7 46.1#

120 20.7 17.4 26.0

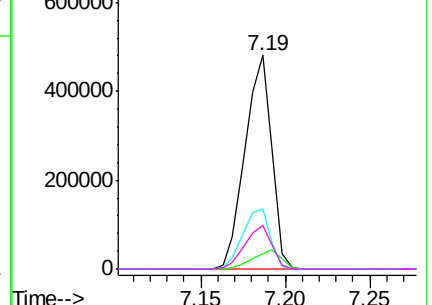
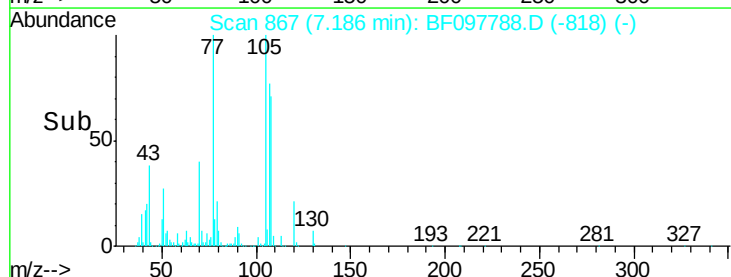


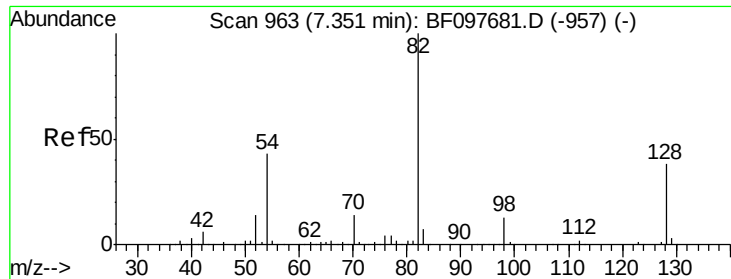
Abundance Ion 105.00 (104.70 to 105.70): E

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

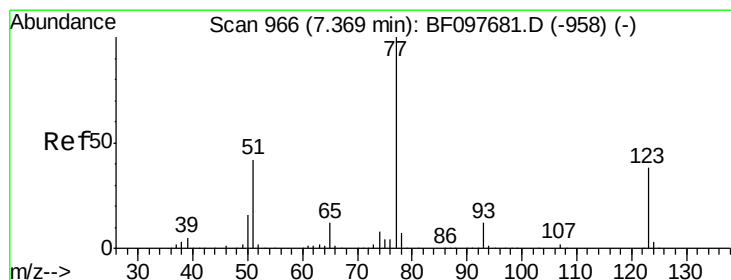
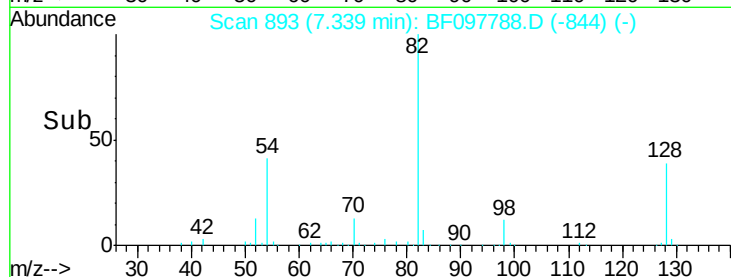
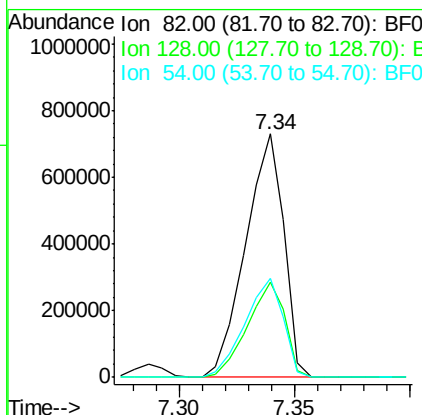
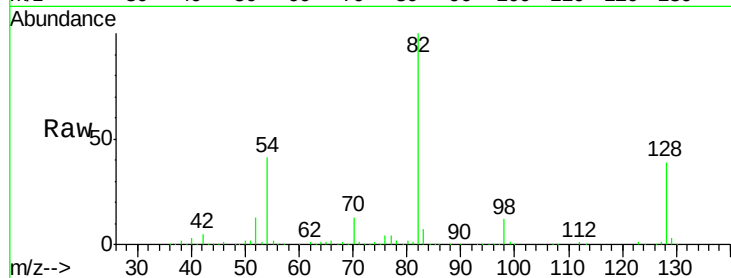




#23
 Nitrobenzene-d5
 Concen: 92.49 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

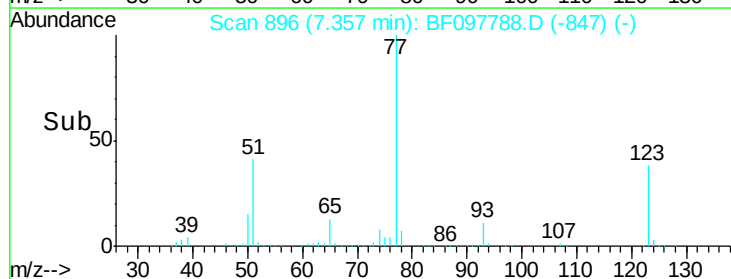
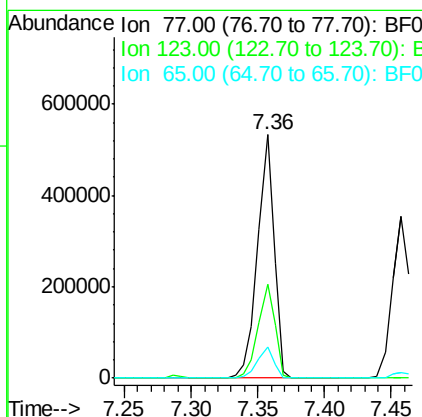
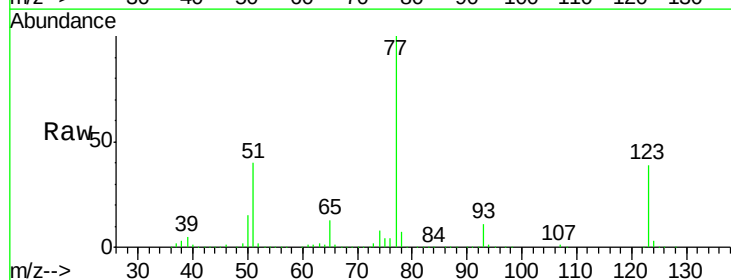
Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

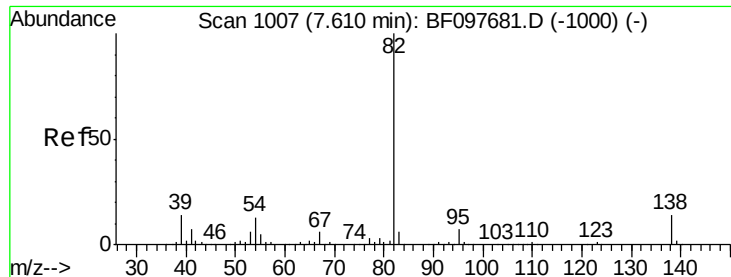
Tot Ion	82	Resp	842001
Ion Ratio	100		
Lower	34.0		
Upper	51.0		
54	40.8	42.2	63.2#



#24
 Nitrobenzene
 Concen: 44.45 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion	77	Resp	450540
Ion Ratio	100		
Lower	35.8		
Upper	53.8		
123	38.6	10.6	15.8
65	13.0		





#25

Isophorone

Concen: 42.43 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101563BS

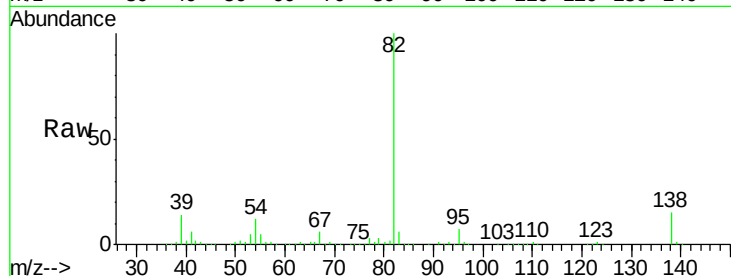
Tot Ion: 82 Resp: 803130

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

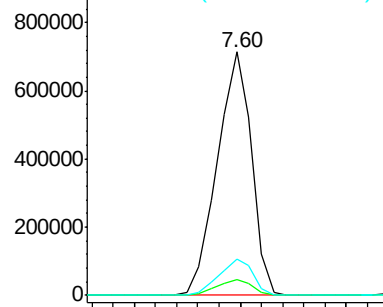
138 14.8 13.1 19.7



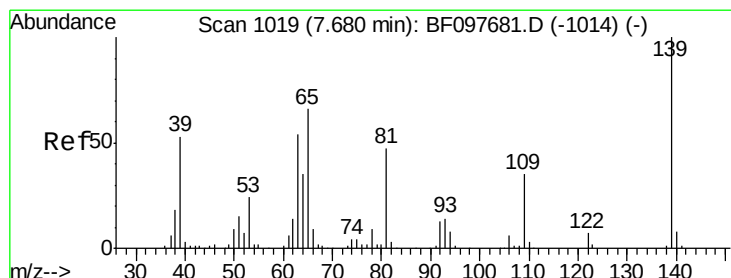
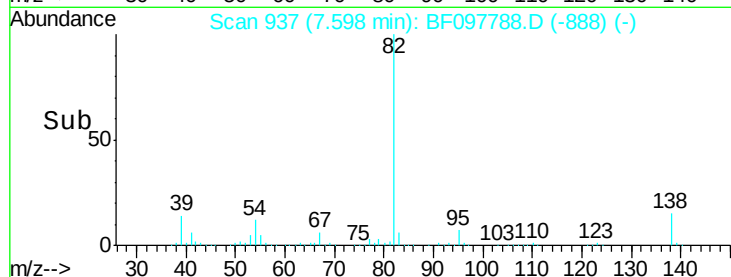
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



Time-->



#26

2-Nitrophenol

Concen: 49.22 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

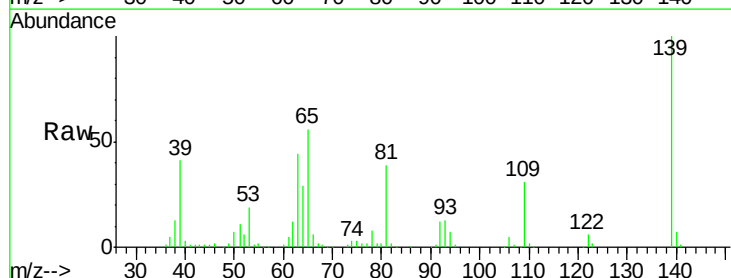
Tgt Ion: 139 Resp: 181297

Ion Ratio Lower Upper

139 100

109 31.3 21.0 31.6

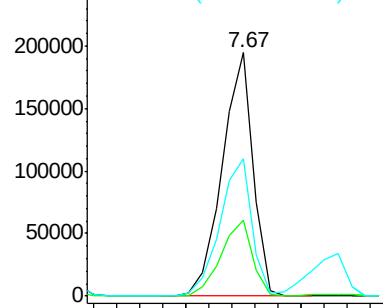
65 56.2 33.0 49.6#



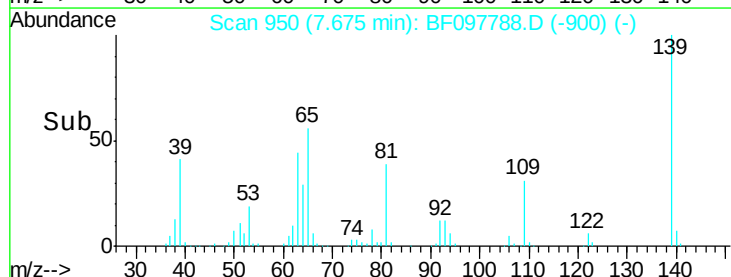
Abundance Ion 139.00 (138.70 to 139.70): E

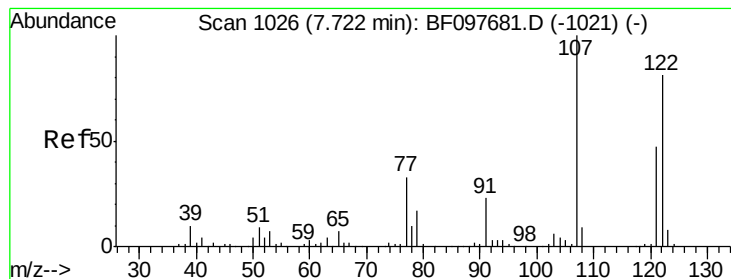
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



Time-->

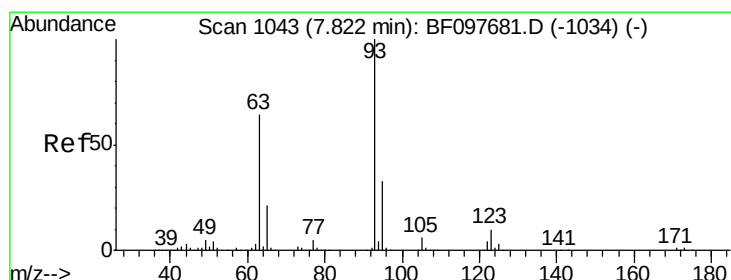
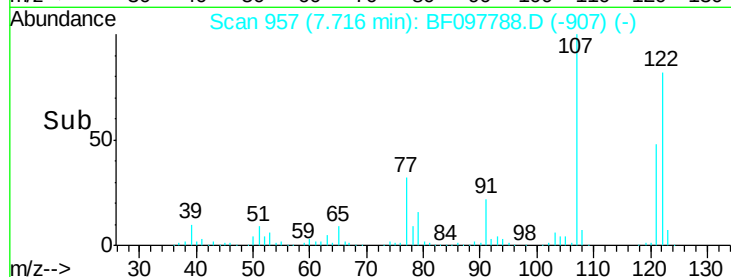
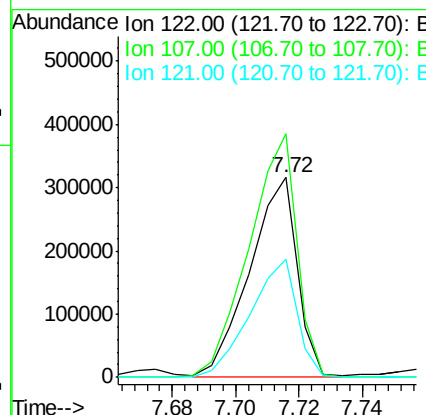
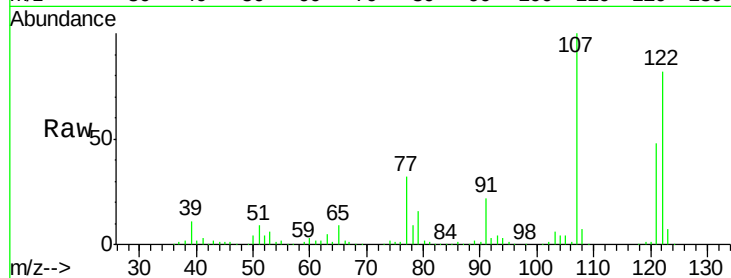




#27
 2,4-Dimethylphenol
 Concen: 41.81 ng
 RT: 7.72 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

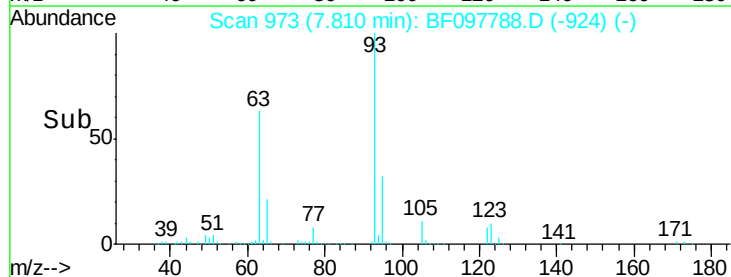
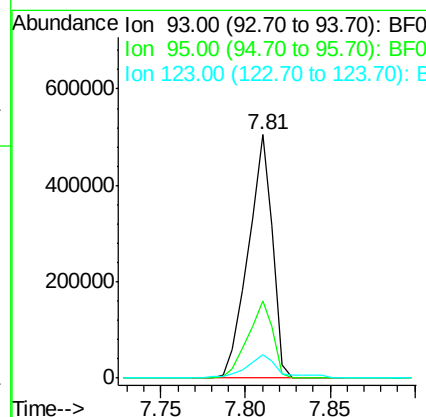
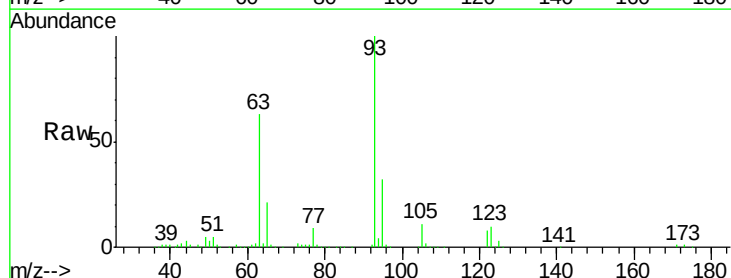
Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

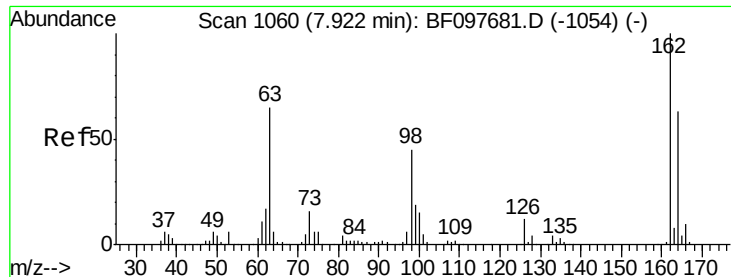
Tot Ion:122 Resp: 330119
 Ion Ratio Lower Upper
 122 100
 107 121.8 89.2 133.8
 121 58.9 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.63 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion: 93 Resp: 505642
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.5 39.7
 123 9.8 9.0 13.4

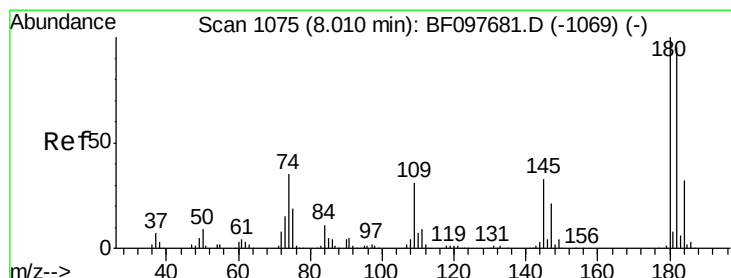
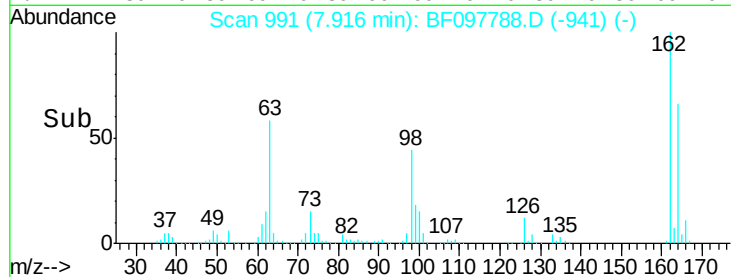
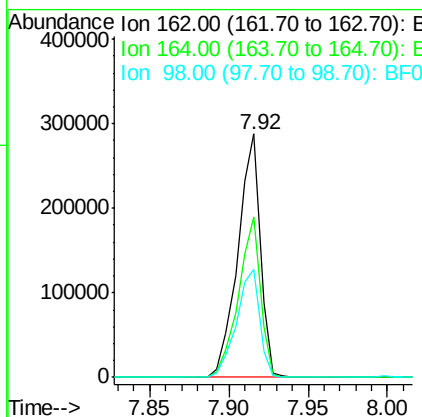
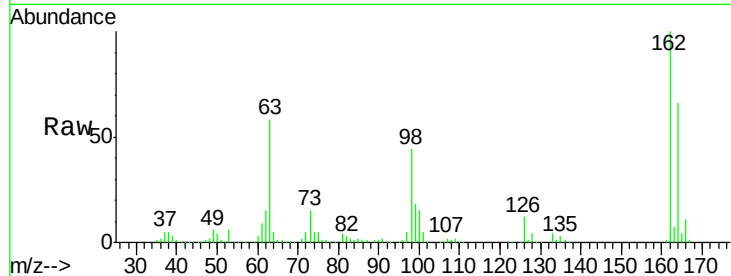




#29
 2,4-Dichlorophenol
 Concen: 43.19 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

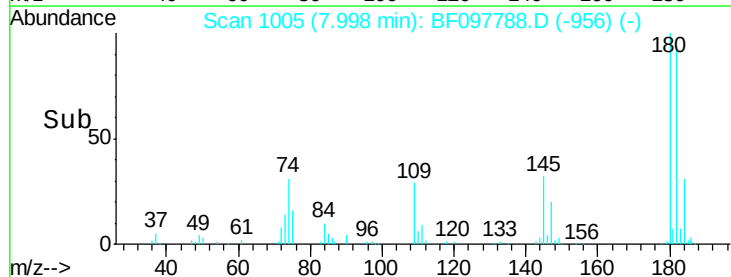
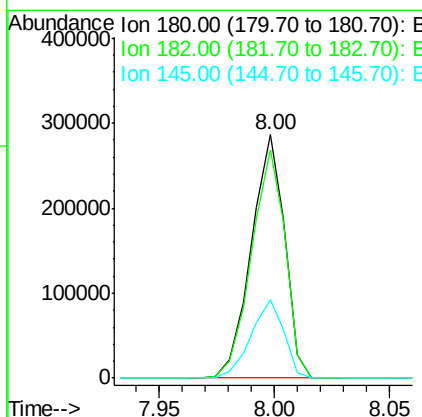
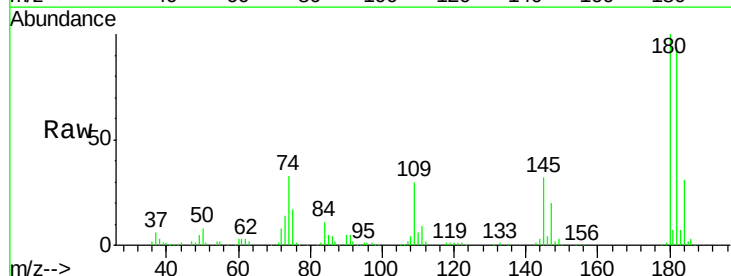
Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

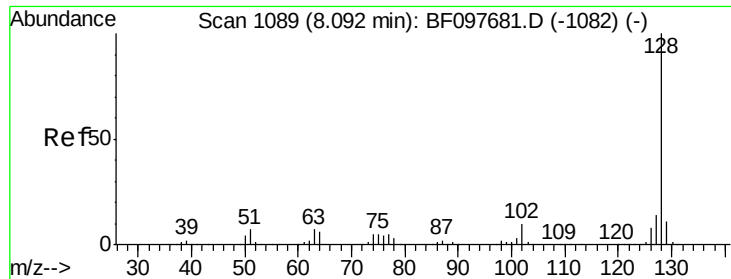
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	44.6	84.6
98	44.5	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 39.71 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.8	113.6
145	32.3	25.3	37.9

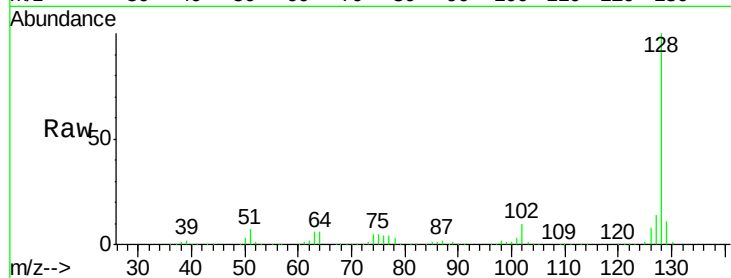




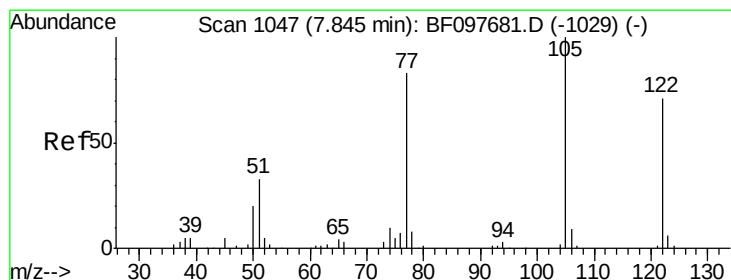
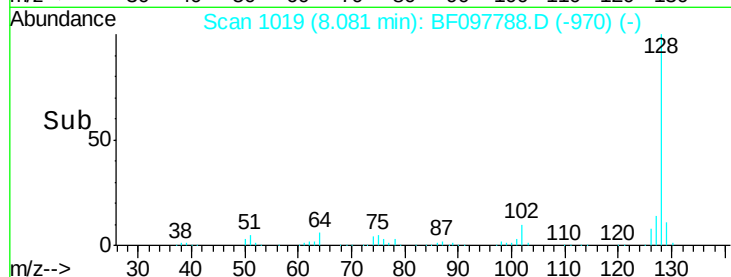
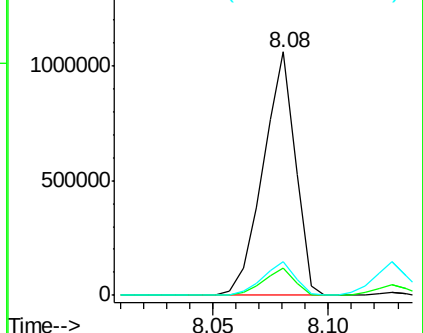
#31
Naphthalene
Concen: 40.10 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Instrument :
BNA_F
ClientSampleId :
PB101563BS

Tot Ion:128 Resp: 1029501
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.8 10.8 16.2

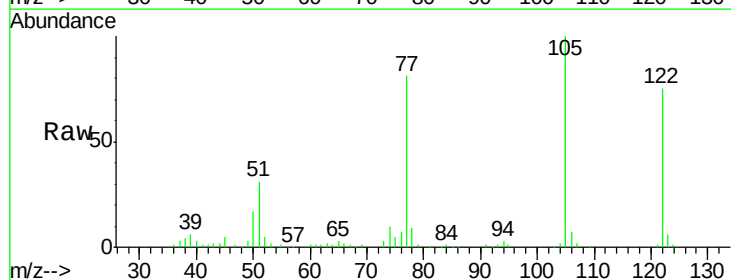


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

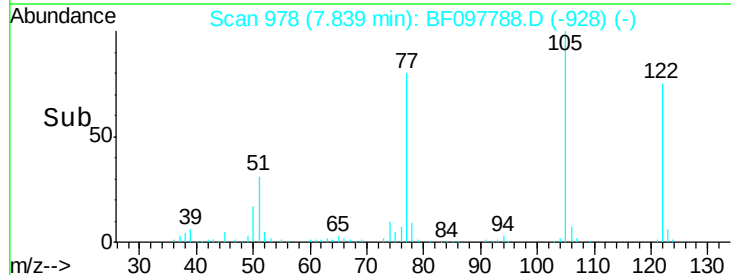
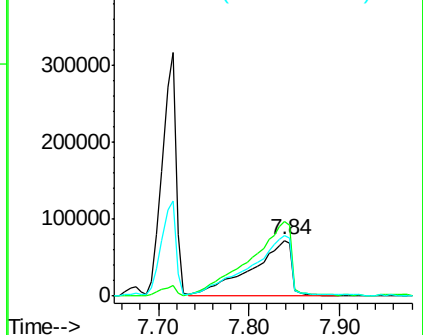


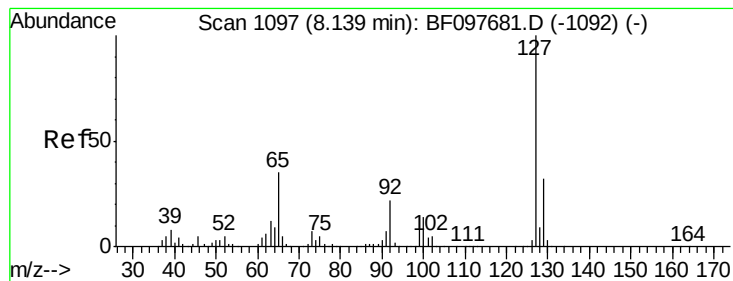
#32
Benzoic acid
Concen: 40.39 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion:122 Resp: 225601
Ion Ratio Lower Upper
122 100
105 133.3 103.3 143.3
77 107.5 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 14.40 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101563BS

Tot Ion:127 Resp: 155961

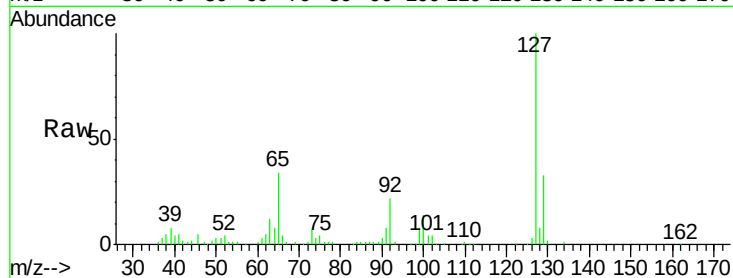
Ion Ratio Lower Upper

127 100

129 33.2 26.2 39.2

65 34.1 27.8 41.8

92 21.8 16.8 25.2

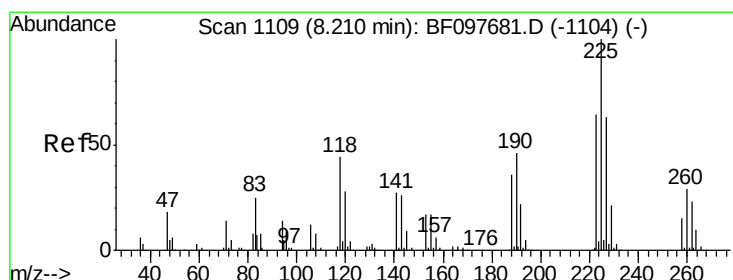
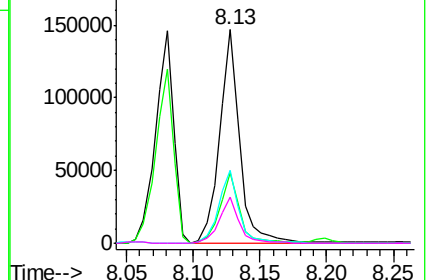
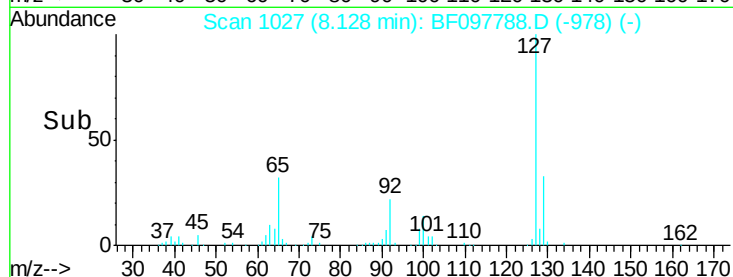


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.27 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

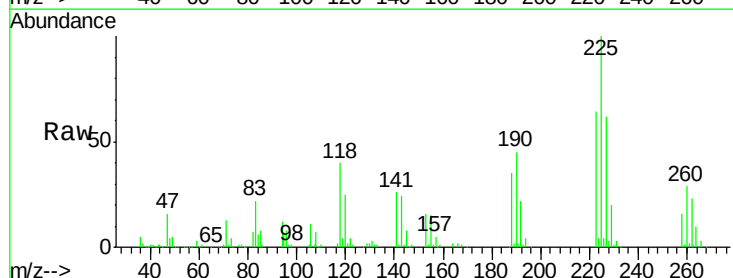
Tgt Ion:225 Resp: 166567

Ion Ratio Lower Upper

225 100

223 63.7 48.8 73.2

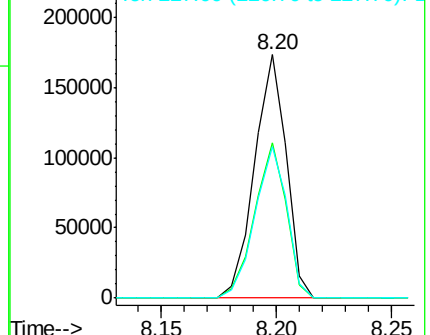
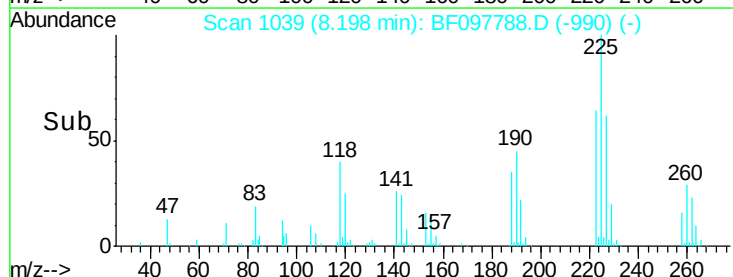
227 62.1 51.1 76.7

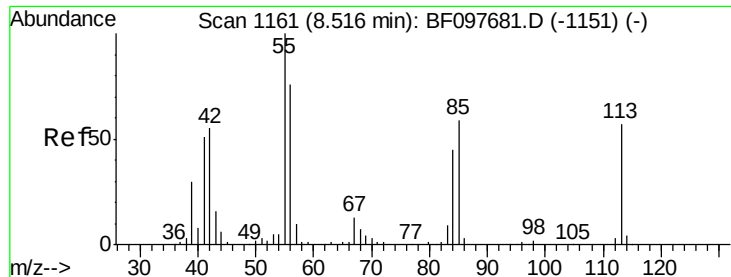


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

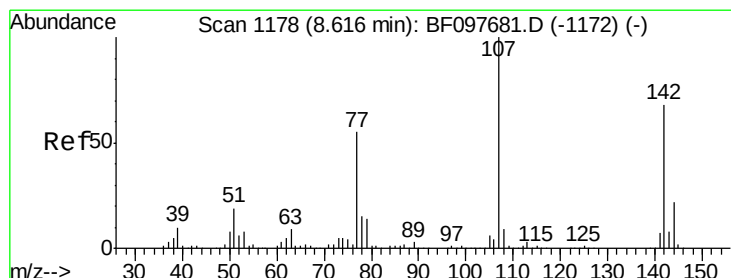
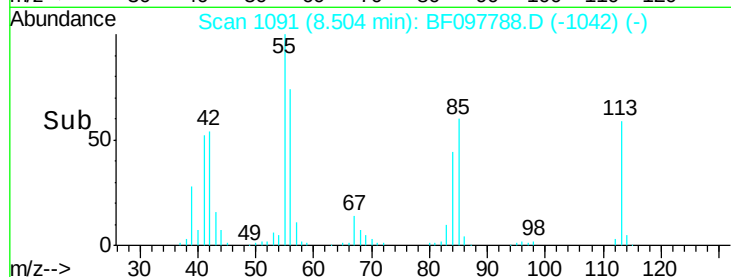
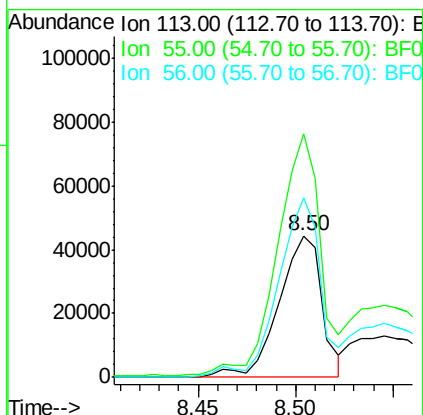
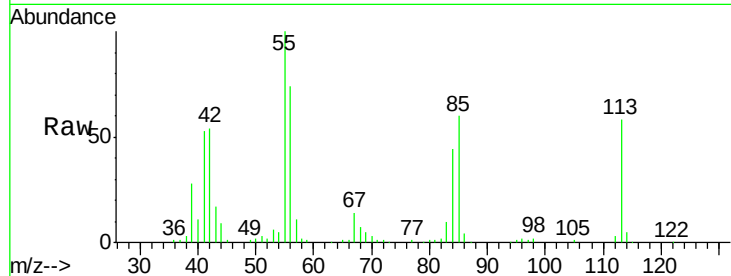




#35
 Caprolactam
 Concen: 30.44 ng
 RT: 8.50 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

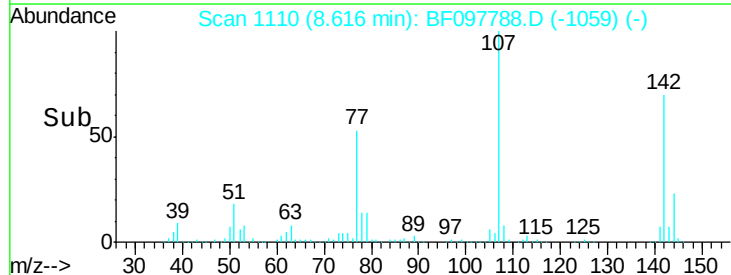
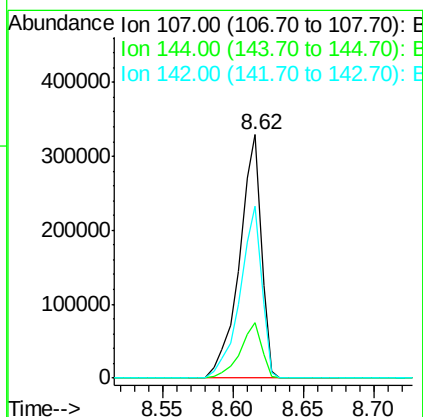
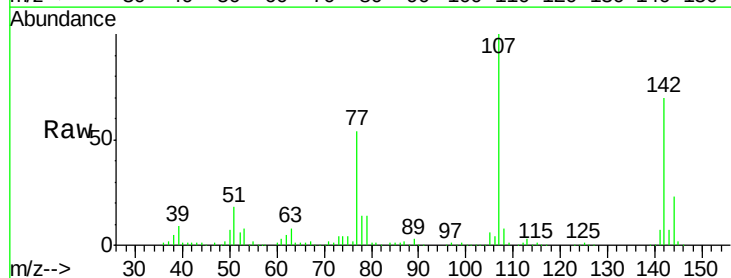
Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

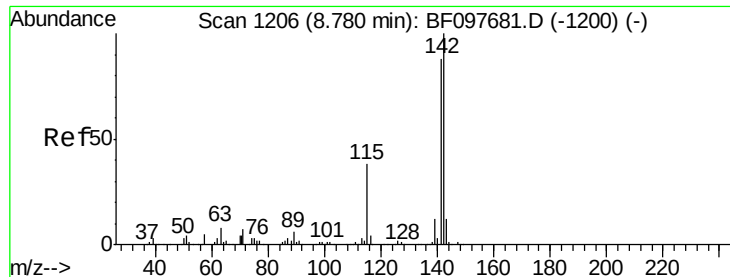
Tot Ion:113 Resp: 67822
 Ion Ratio Lower Upper
 113 100
 55 172.2 150.2 190.2
 56 127.2 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 42.29 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion:107 Resp: 356082
 Ion Ratio Lower Upper
 107 100
 144 22.8 24.2 36.4#
 142 70.4 73.4 110.0#

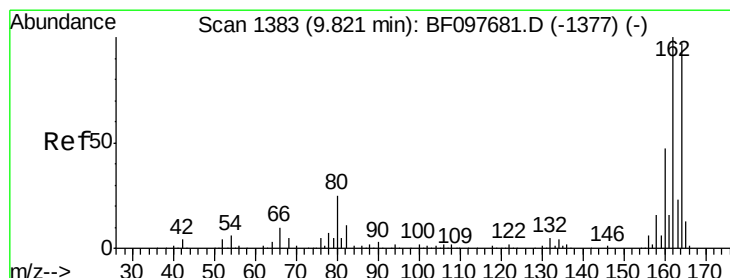
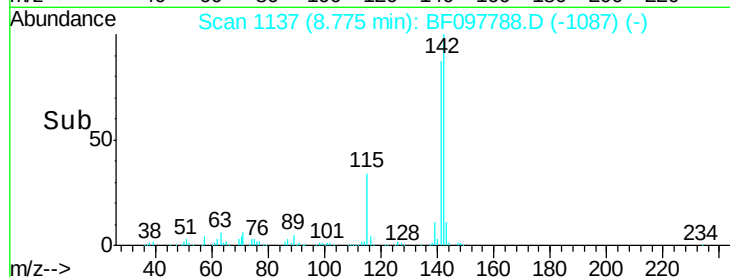
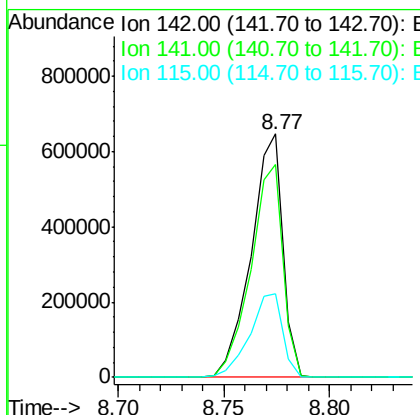
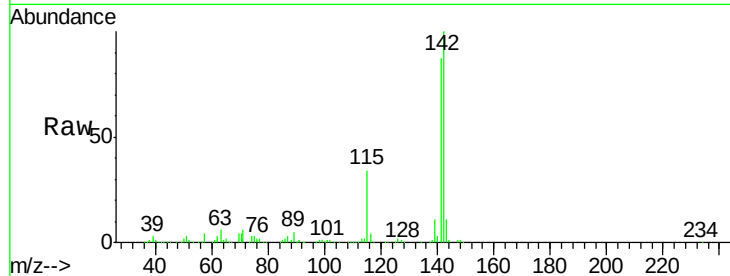




#37
 2-Methylnaphthalene
 Concen: 43.01 ng
 RT: 8.77 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

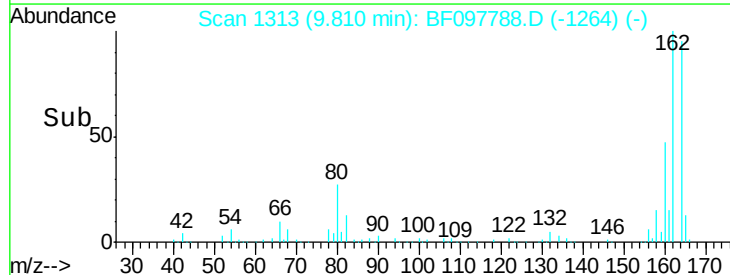
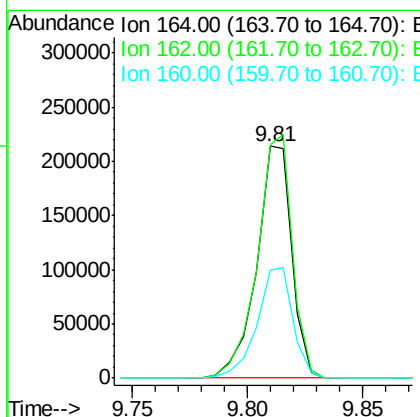
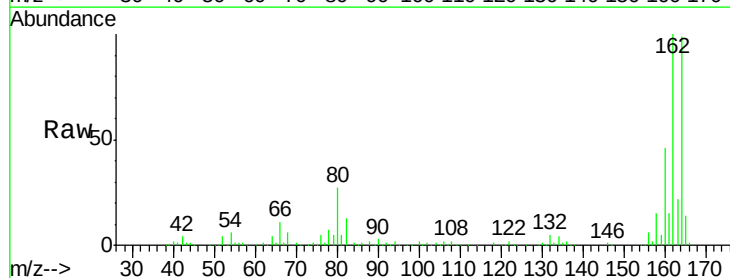
Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

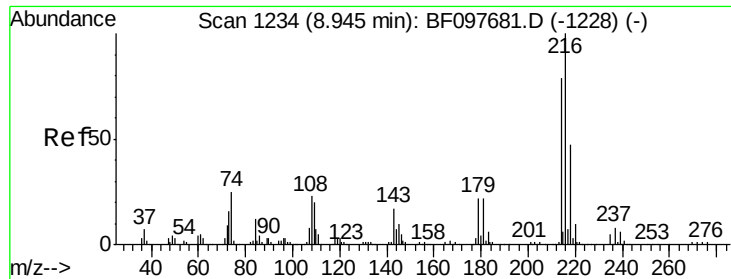
Tot Ion:142 Resp: 677054
 Ion Ratio Lower Upper
 142 100
 141 87.4 71.3 106.9
 115 34.5 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion:164 Resp: 226380
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.6 123.8
 160 46.7 36.2 54.2

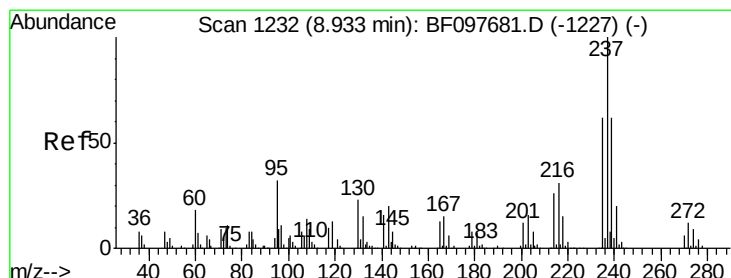
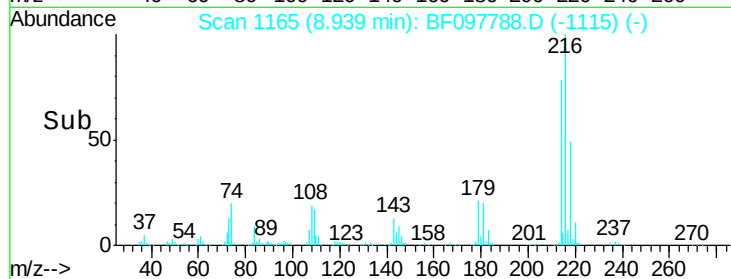
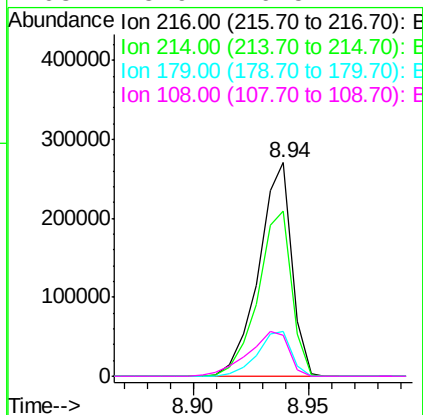
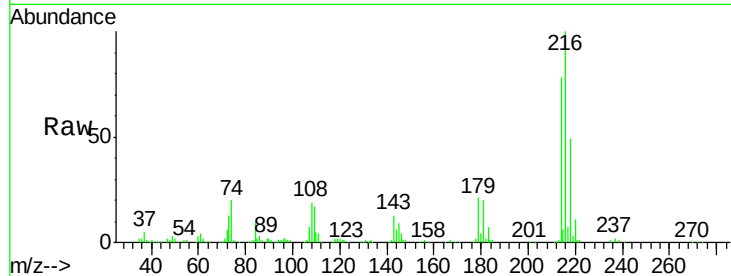




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.75 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

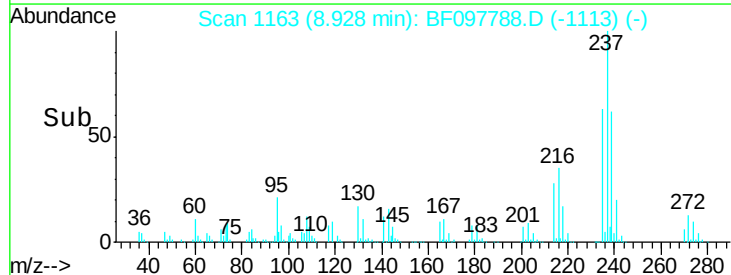
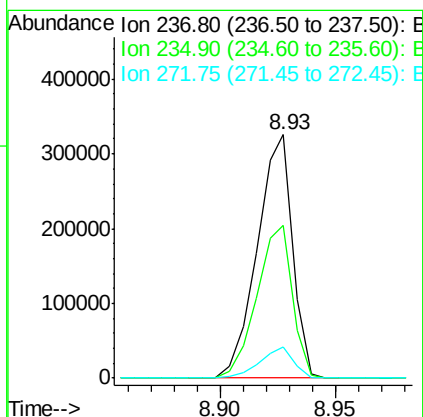
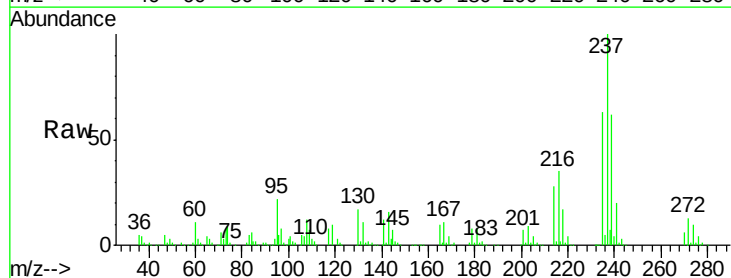
Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

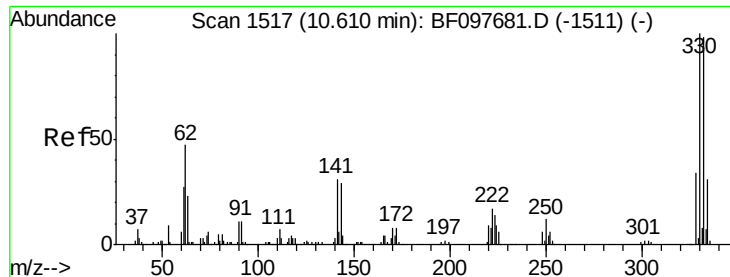
Tot Ion:	216	Resp:	269250
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.2
179	21.8	17.9	26.9
108	25.9	16.5	24.7#



#40
 Hexachlorocyclopentadiene
 Concen: 103.70 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion:	237	Resp:	346105
Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.6	82.6
272	12.9	0.0	31.9





#41

2,4,6-Tribromophenol

Concen: 146.33 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101563BS

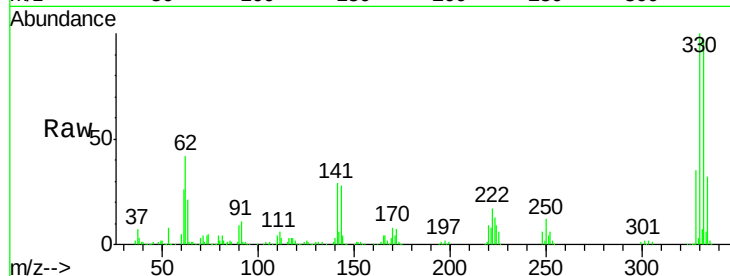
Tot Ion:330 Resp: 287415

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

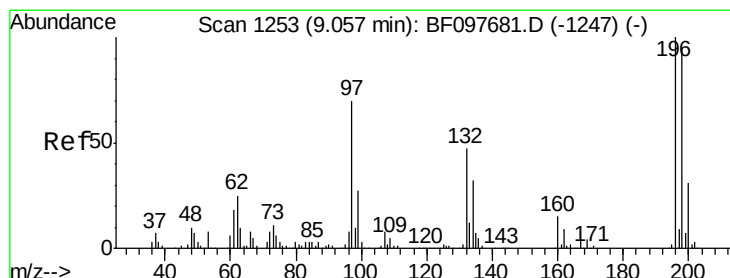
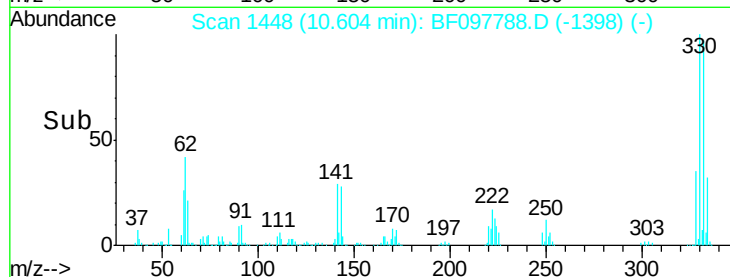
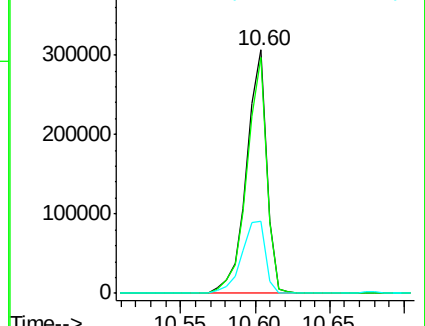
141 35.1 31.4 47.2



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: 42.71 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

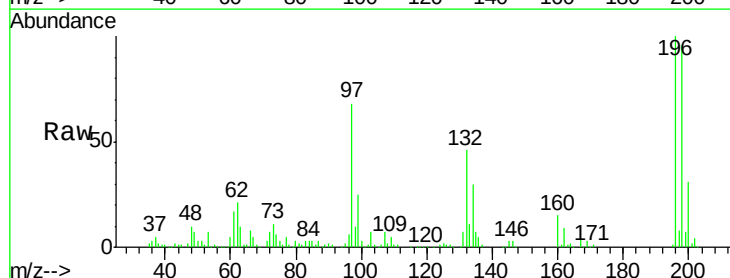
Tgt Ion:196 Resp: 199224

Ion Ratio Lower Upper

196 100

198 96.0 74.2 111.4

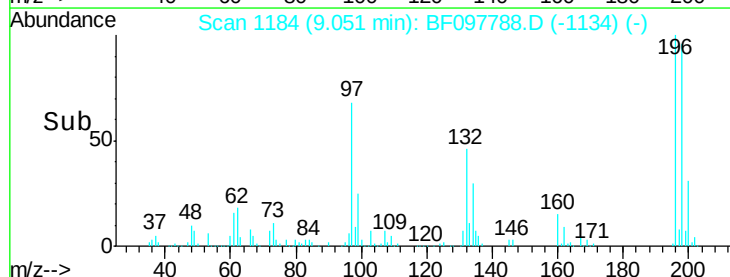
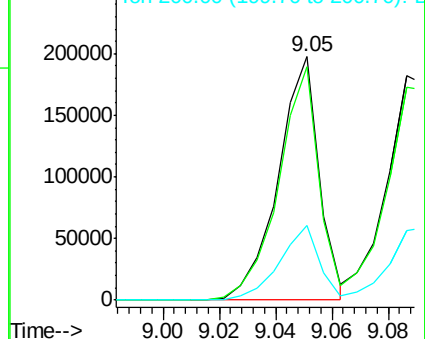
200 30.6 24.0 36.0

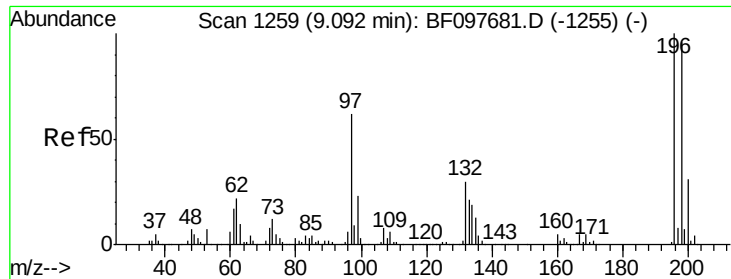


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

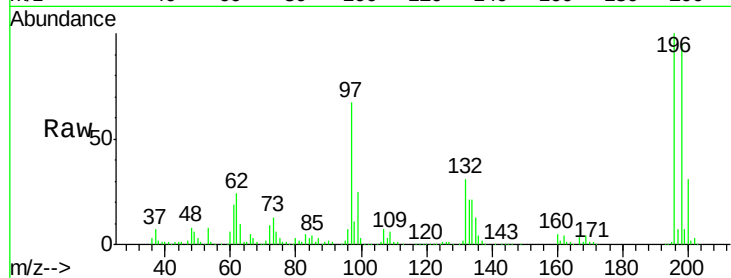




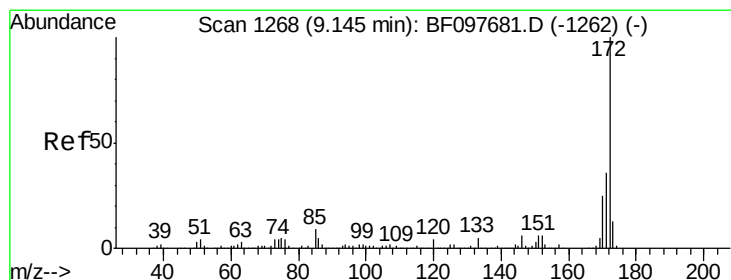
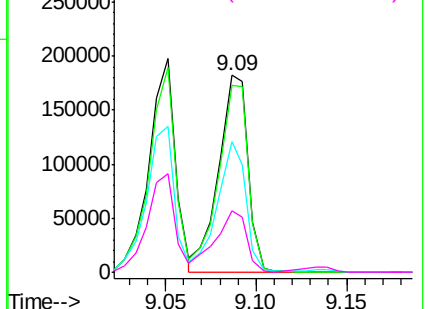
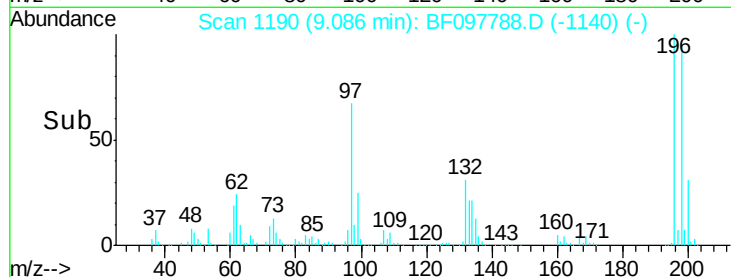
#43
 2,4,5-Trichlorophenol
 Concen: 44.67 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

Tot Ion:196 Resp: 206689
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.7 113.5
 97 66.7 47.7 71.5
 132 31.5 28.0 42.0

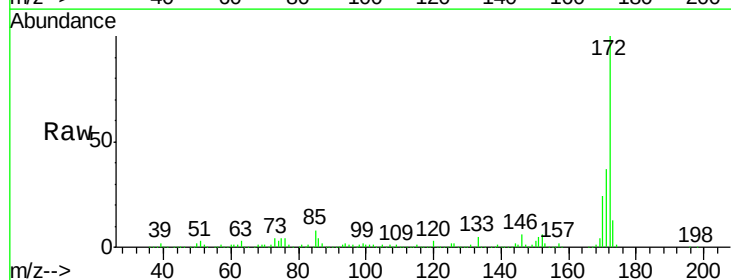


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

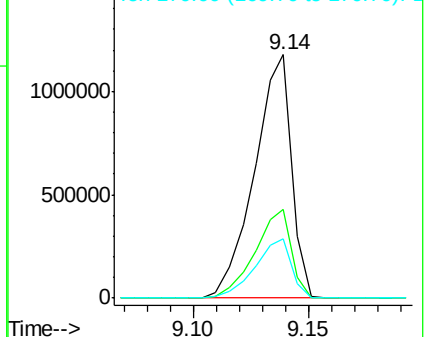
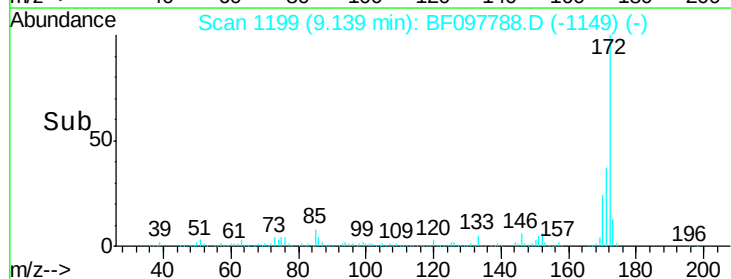


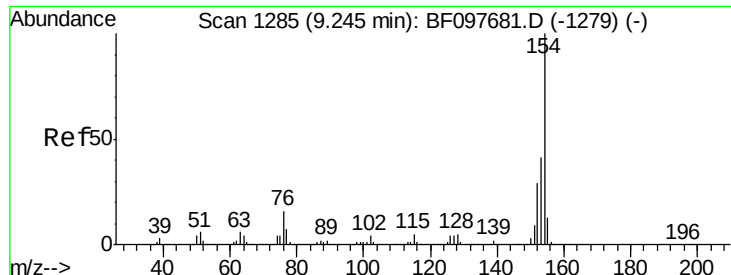
#44
 2-Fluorobiphenyl
 Concen: 85.38 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion:172 Resp: 1315640
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.1 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 39.18 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101563BS

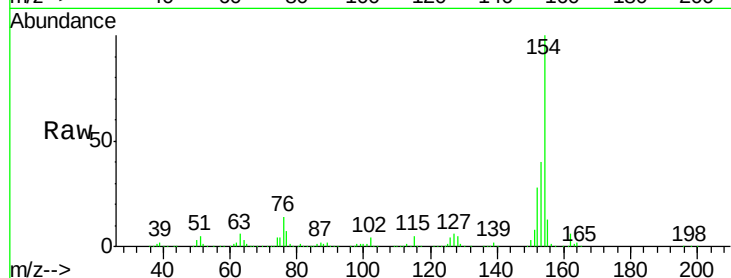
Tot Ion:154 Resp: 808777

Ion Ratio Lower Upper

154 100

153 40.3 21.2 61.2

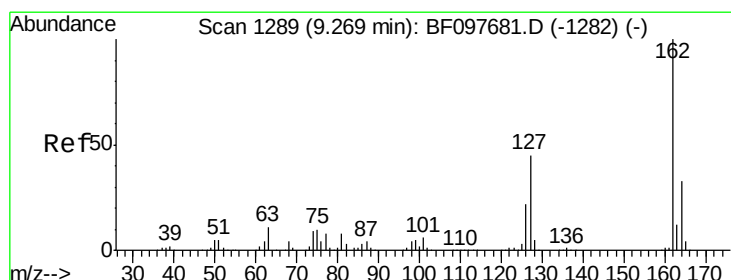
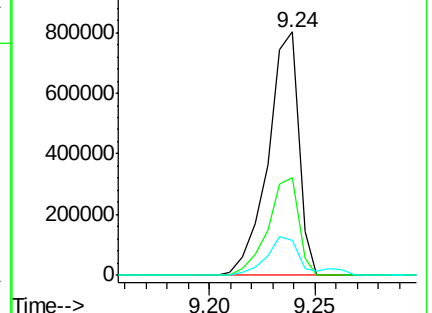
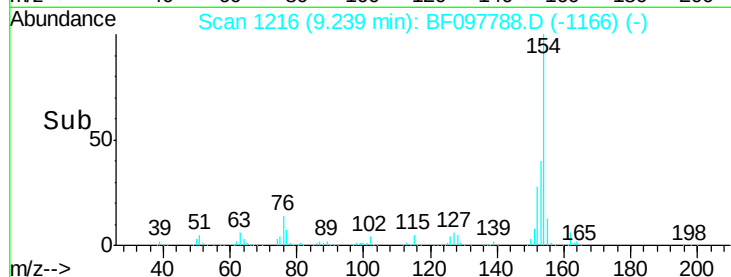
76 14.4 0.0 29.9



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: 38.86 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

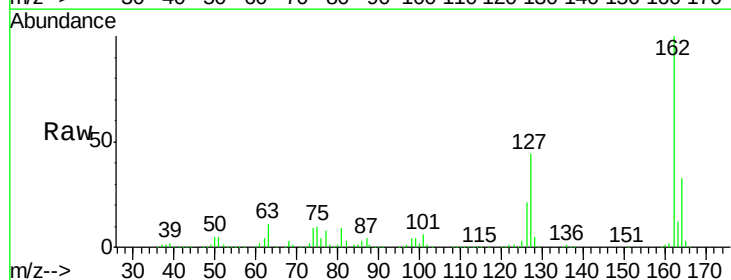
Tgt Ion:162 Resp: 592682

Ion Ratio Lower Upper

162 100

127 44.1 28.3 42.5#

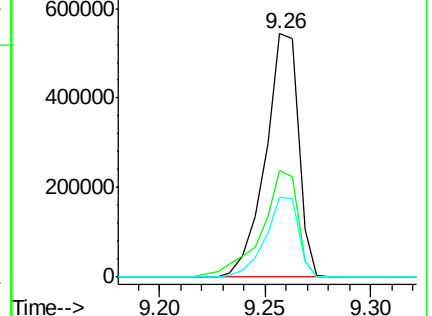
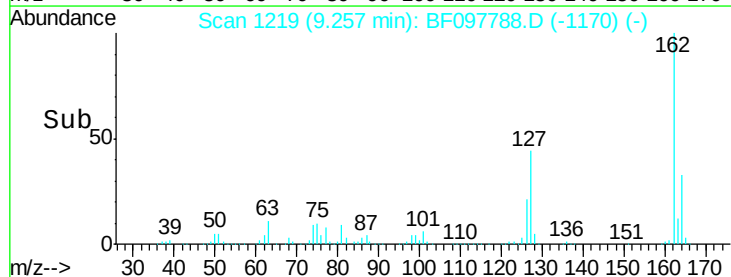
164 32.8 27.0 40.4

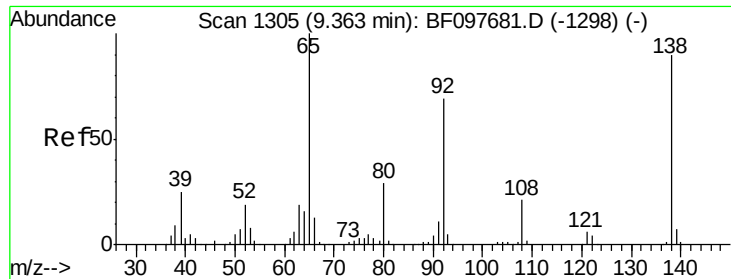


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

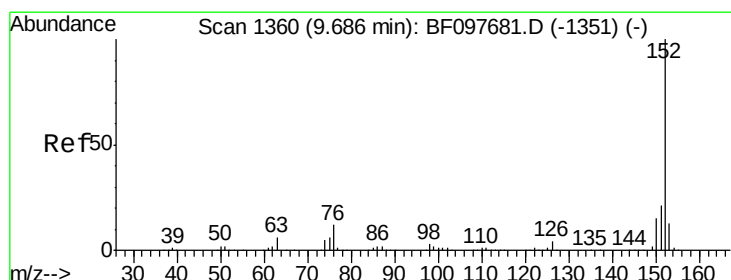
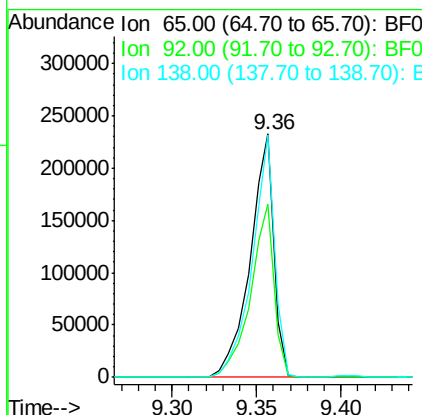
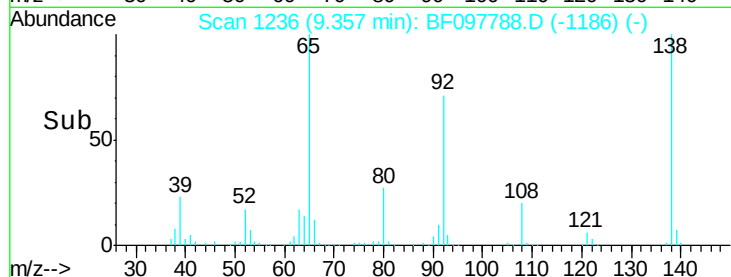
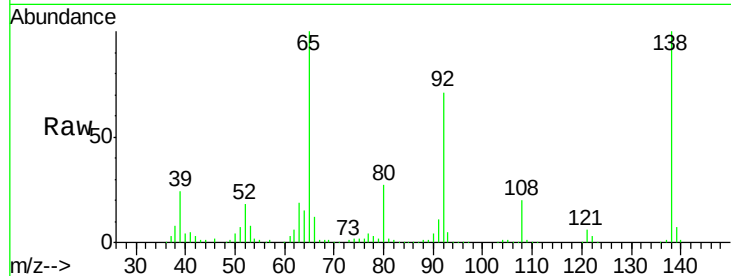




#47
 2-Nitroaniline
 Concen: 44.83 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

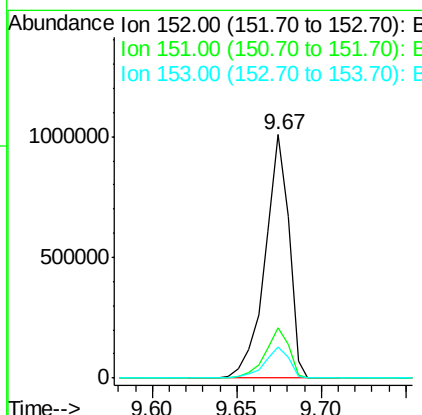
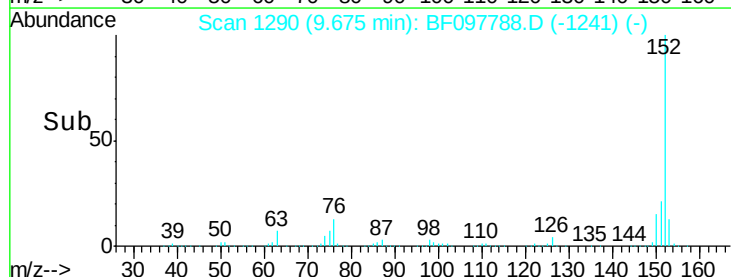
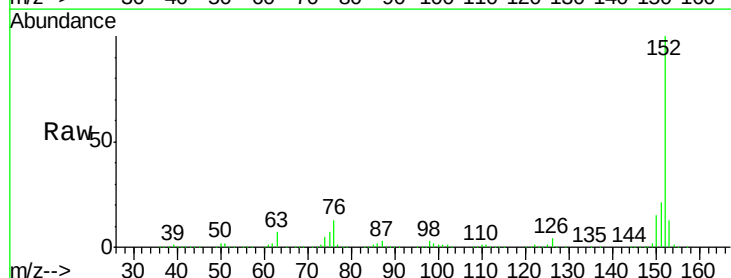
Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

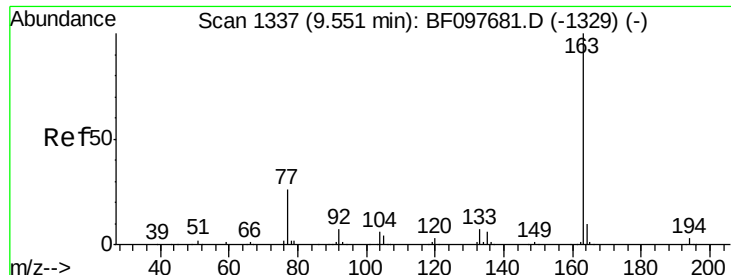
Tot Ion:	65	Resp:	229256
Ion	Ratio	Lower	Upper
65	100		
92	71.3	53.9	80.9
138	99.7	78.8	118.2



#48
 Acenaphthylene
 Concen: 41.11 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion:	152	Resp:	984665
Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	12.9	10.8	16.2

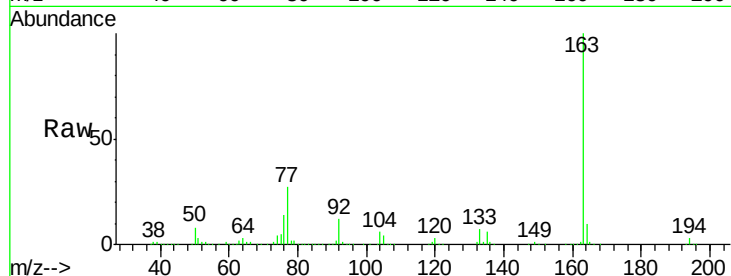




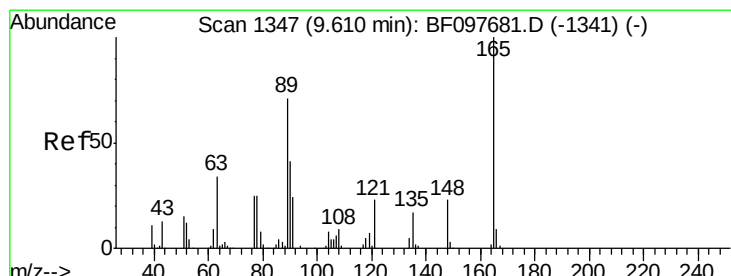
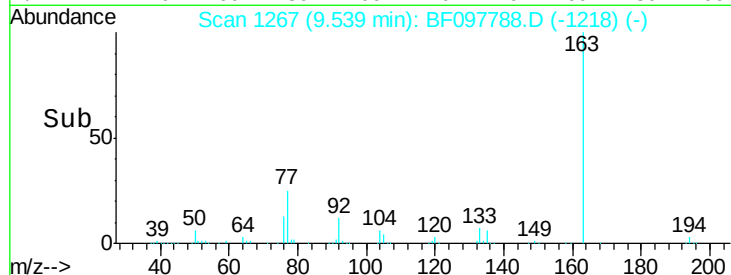
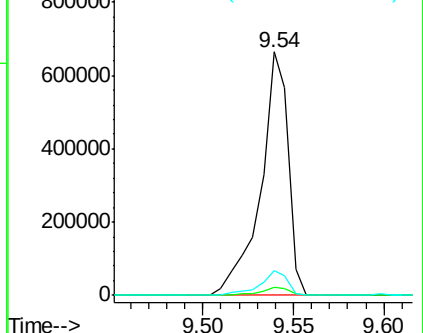
#49
Dimethylphthalate
Concen: 42.39 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Instrument :
BNA_F
ClientSampleId :
PB101563BS

Tot Ion:163 Resp: 701493
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.4 12.6

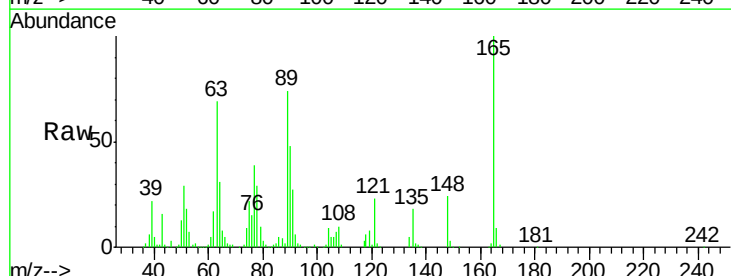


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

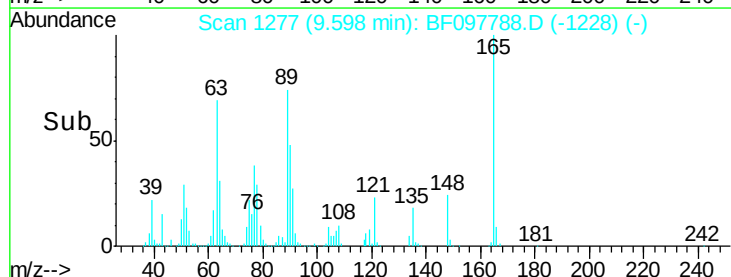
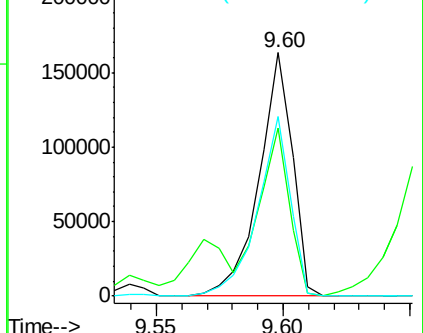


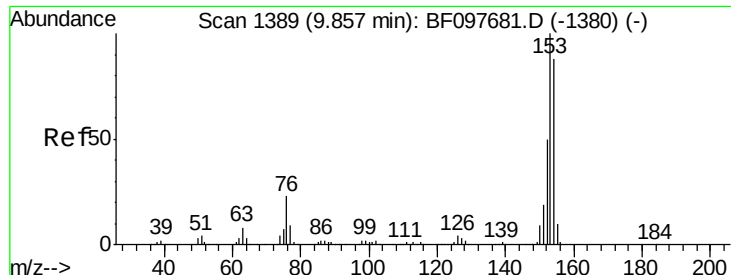
#50
2,6-Dinitrotoluene
Concen: 45.48 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion:165 Resp: 150221
Ion Ratio Lower Upper
165 100
63 69.0 34.3 51.5#
89 73.6 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: 39.71 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101563BS

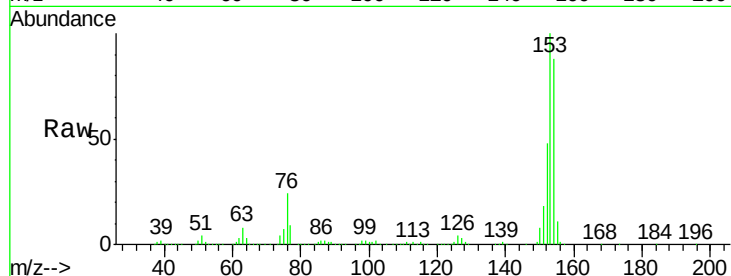
Tot Ion:154 Resp: 599889

Ion Ratio Lower Upper

154 100

153 113.2 90.5 135.7

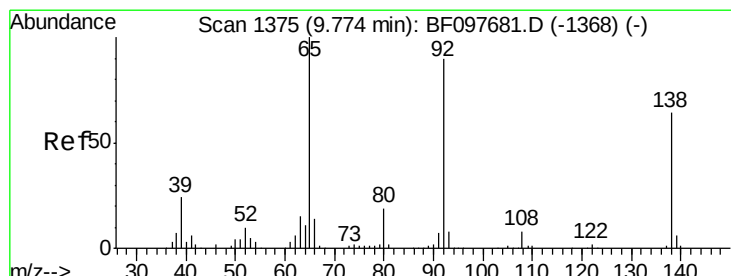
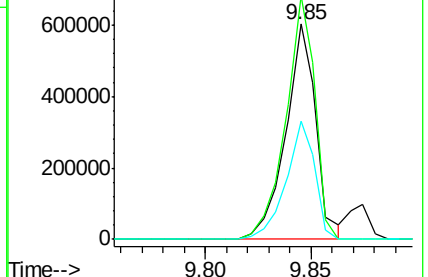
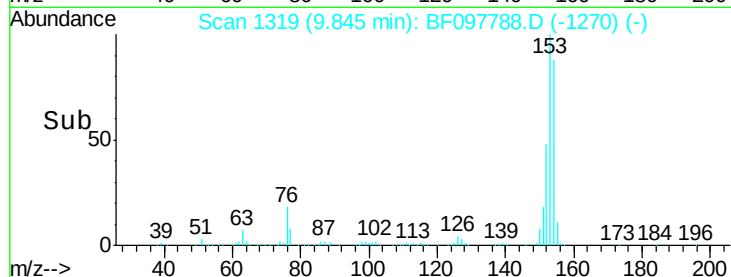
152 54.8 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.66 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

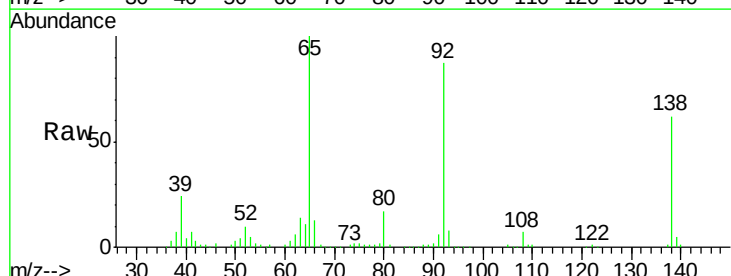
Tgt Ion:138 Resp: 105093

Ion Ratio Lower Upper

138 100

108 11.5 9.1 13.7

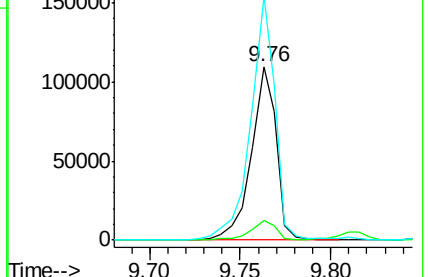
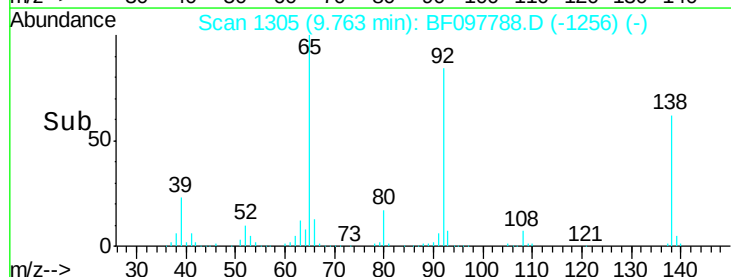
92 140.1 93.8 140.6

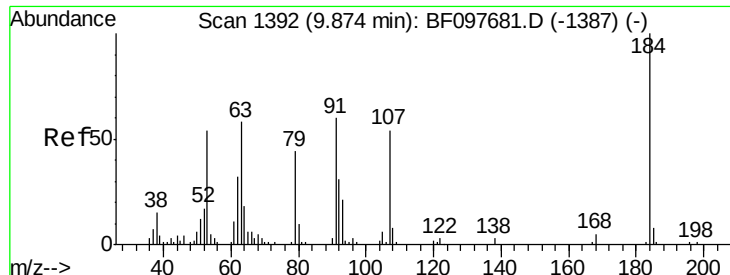


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

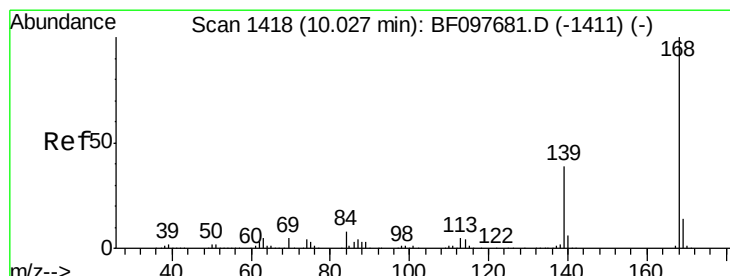
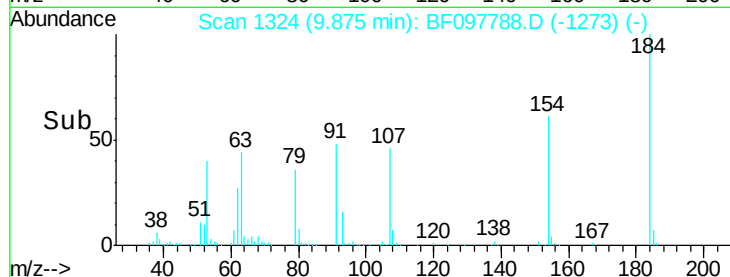
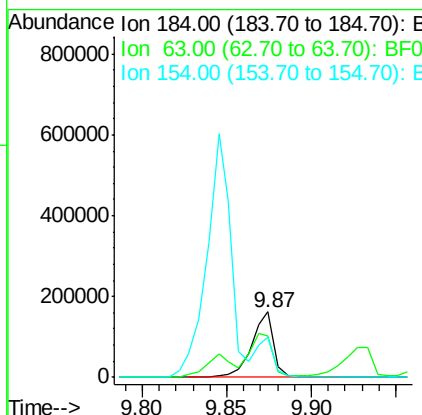
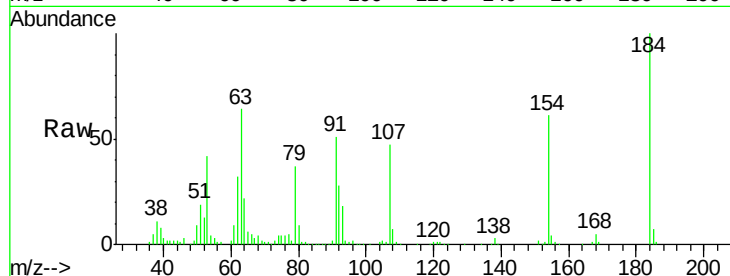




#53
 2,4-Dinitrophenol
 Concen: 92.36 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

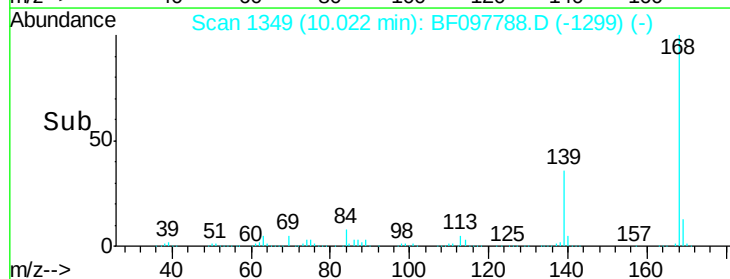
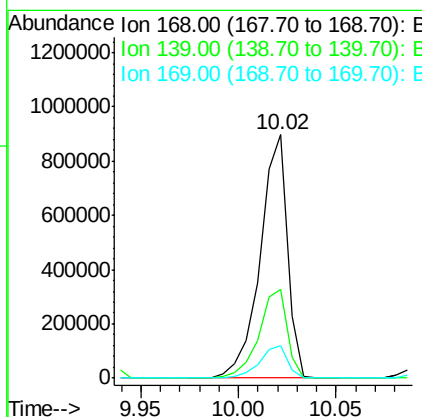
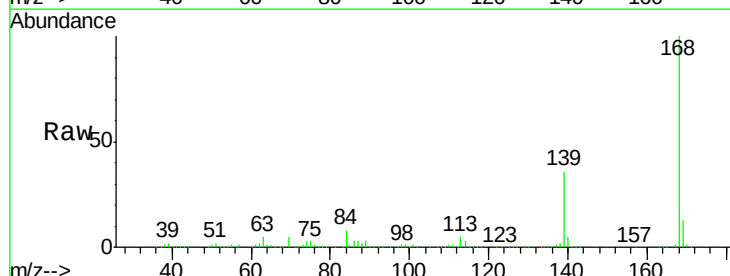
Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

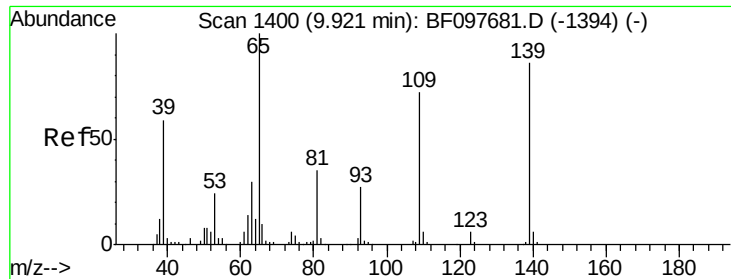
Tot Ion:184 Resp: 147937
 Ion Ratio Lower Upper
 184 100
 63 63.6 62.7 94.1
 154 61.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 43.06 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion:168 Resp: 871750
 Ion Ratio Lower Upper
 168 100
 139 36.5 30.6 45.8
 169 13.4 10.8 16.2

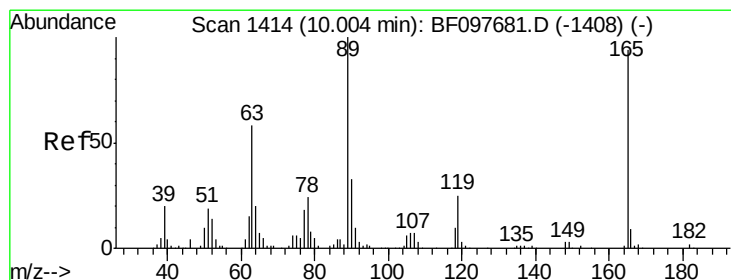
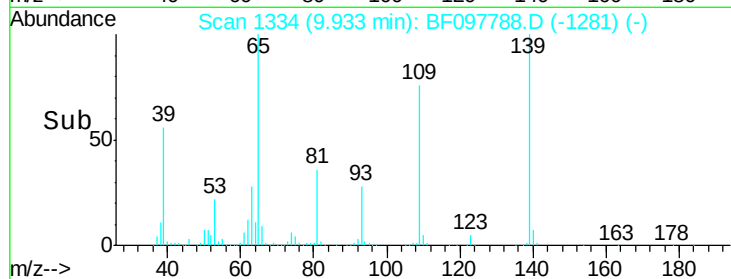
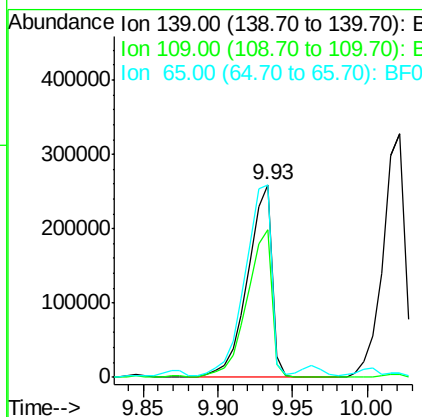
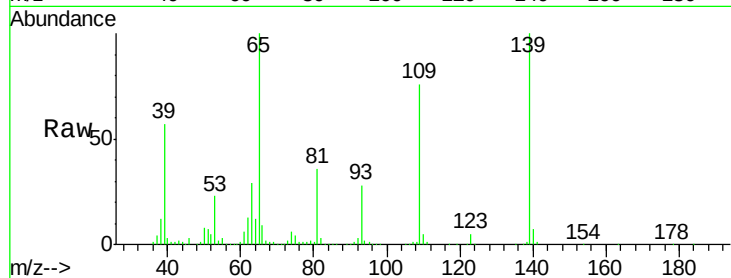




#55
4-Nitrophenol
Concen: 86.34 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

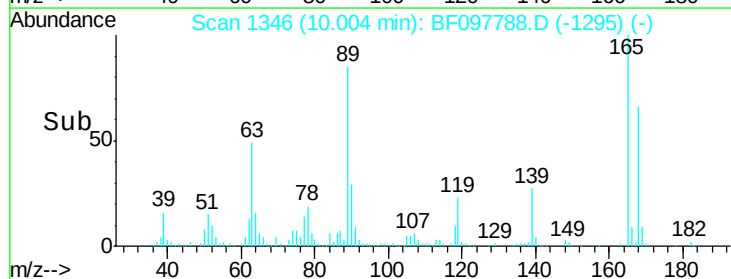
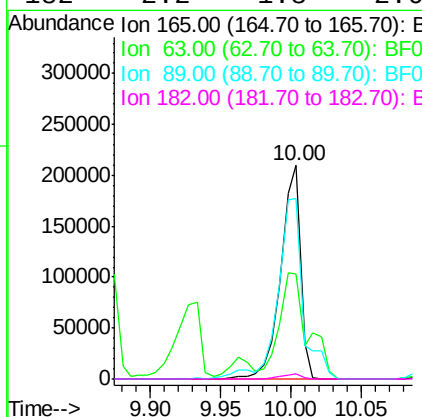
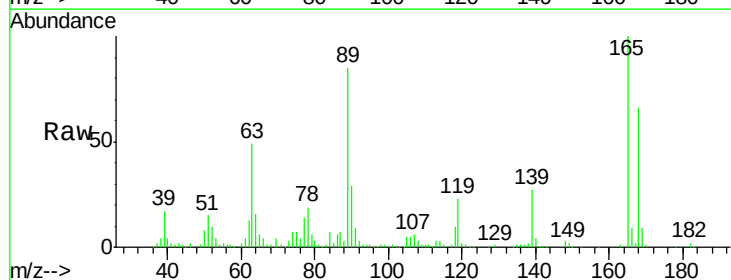
Instrument :
BNA_F
ClientSampleId :
PB101563BS

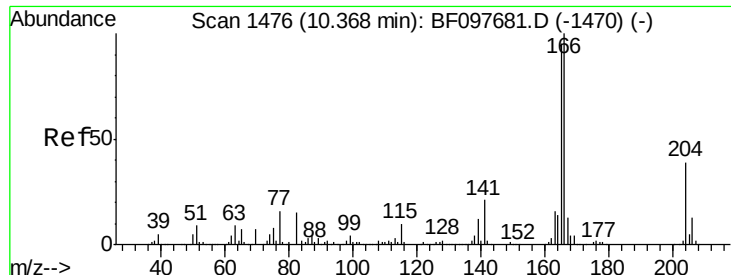
Tot Ion:139 Resp: 293502
Ion Ratio Lower Upper
139 100
109 76.2 34.1 74.1#
65 100.1 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 49.65 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion:165 Resp: 205814
Ion Ratio Lower Upper
165 100
63 49.2 25.4 38.0#
89 84.7 46.4 69.6#
182 2.2 1.8 2.6

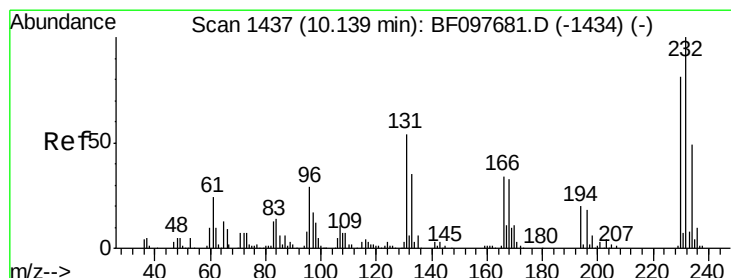
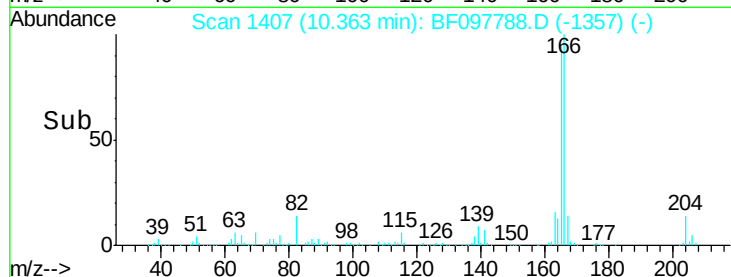
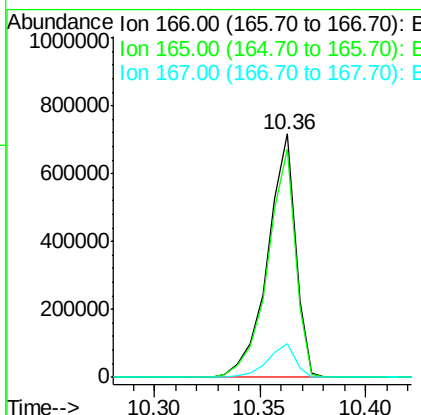
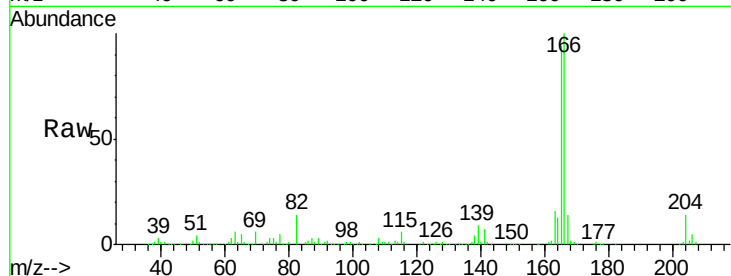




#57
 Fluorene
 Concen: 42.00 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

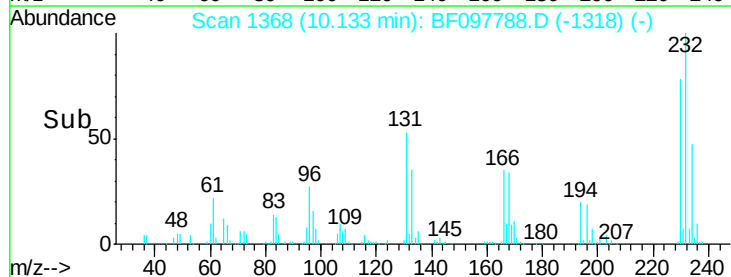
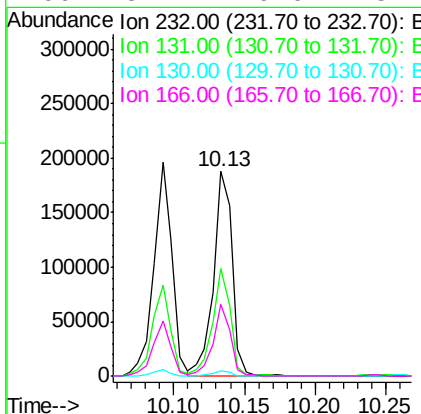
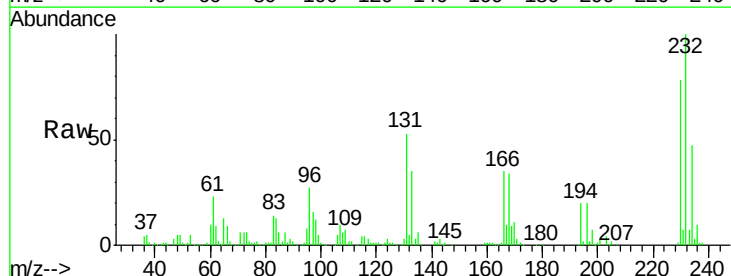
Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

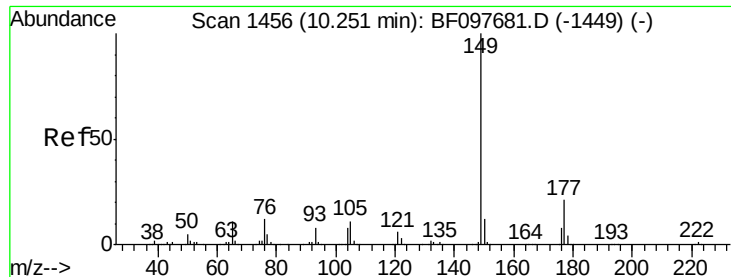
Tot Ion	Ratio	Lower	Upper
166	100		
165	93.9	78.8	118.2
167	13.8	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.48 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.1	44.8	67.2
130	2.5	2.3	3.5
166	32.2	29.0	43.4

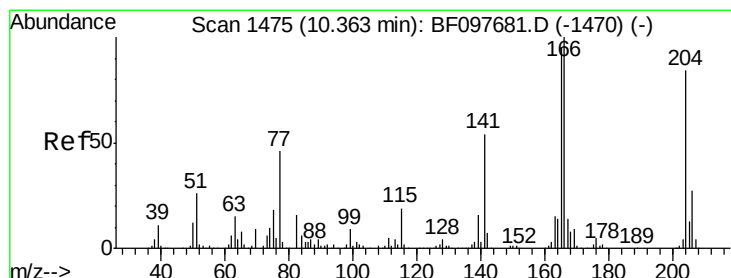
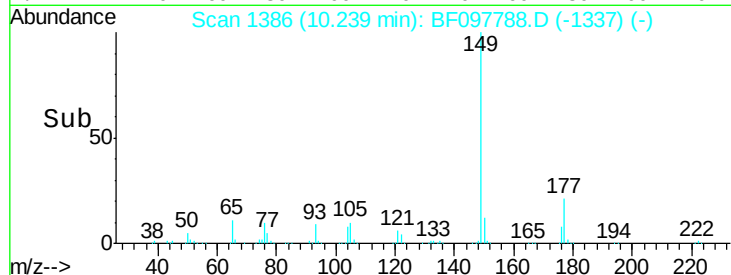
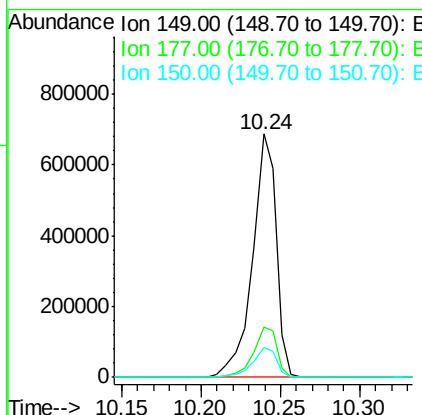
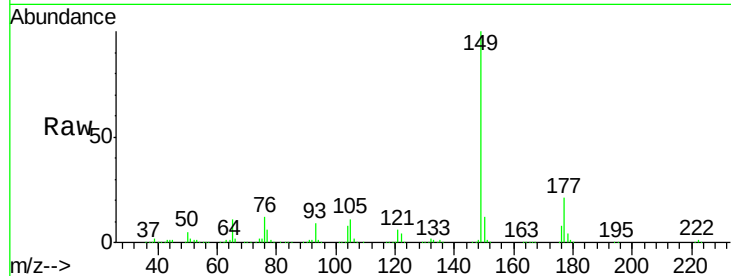




#59
Diethylphthalate
Concen: 41.23 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

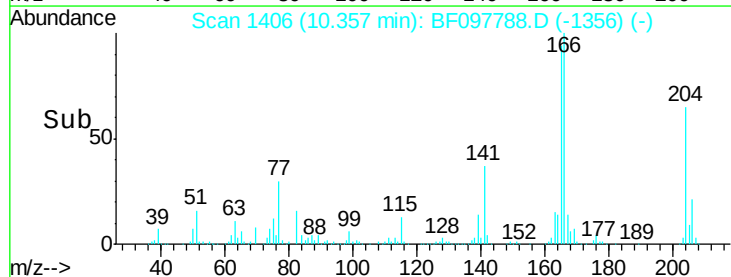
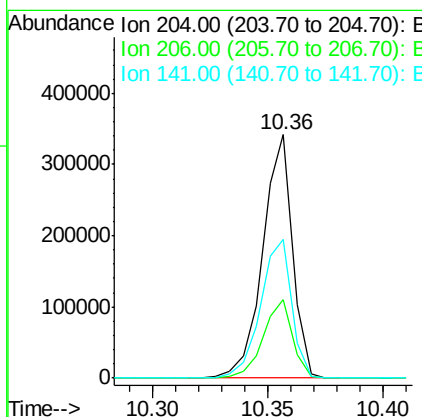
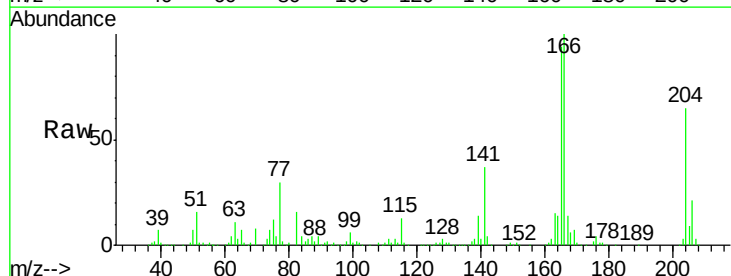
Instrument :
BNA_F
ClientSampleId :
PB101563BS

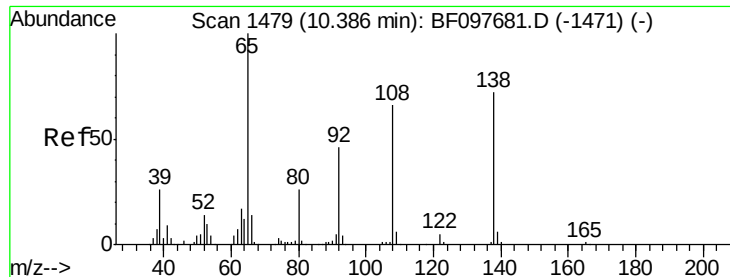
Tot Ion:149 Resp: 713549
Ion Ratio Lower Upper
149 100
177 20.8 16.7 25.1
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.09 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion:204 Resp: 306059
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 57.1 60.8 91.2#

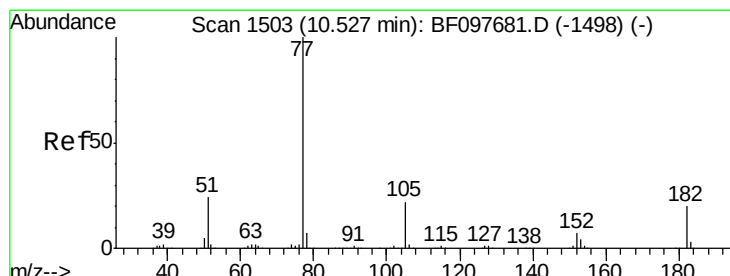
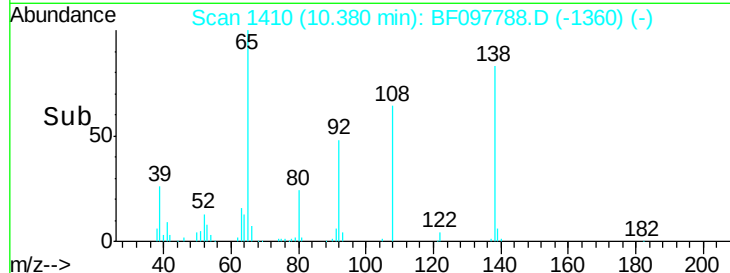
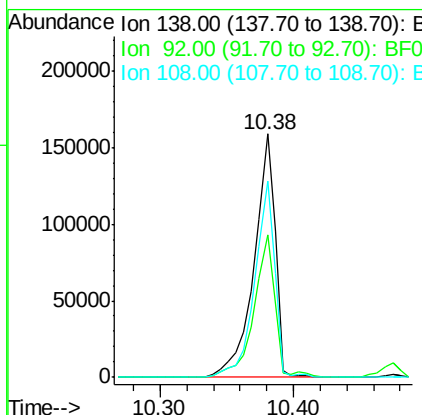
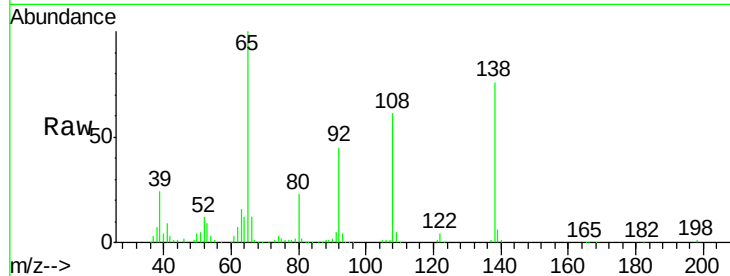




#61
 4-Nitroaniline
 Concen: 42.47 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

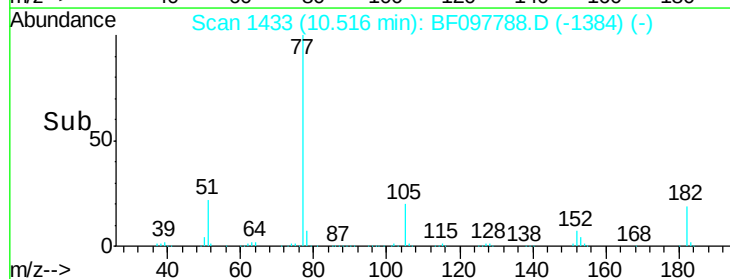
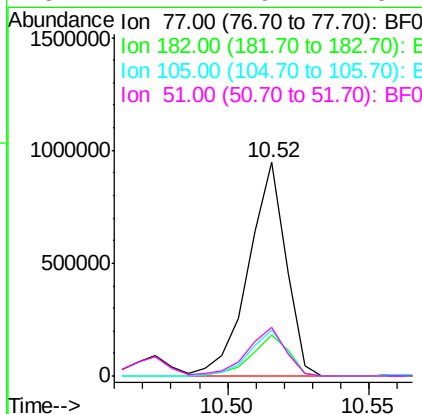
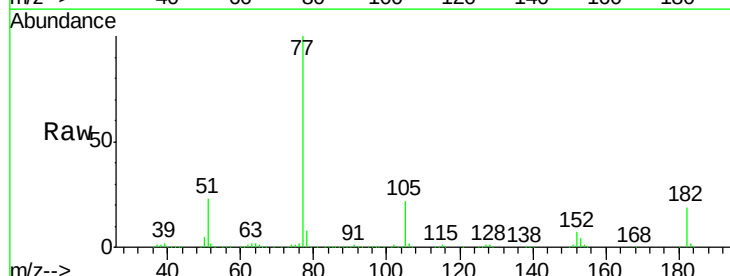
Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

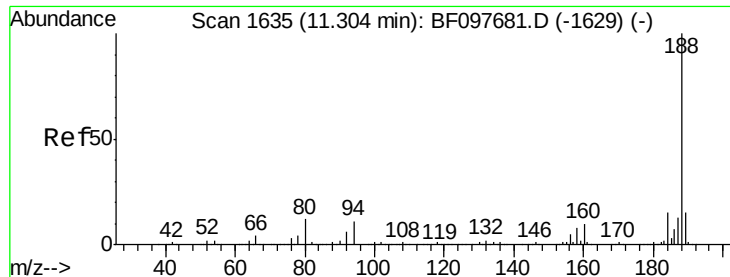
Tot Ion:138 Resp: 172027
 Ion Ratio Lower Upper
 138 100
 92 58.5 21.8 61.8
 108 80.4 42.3 82.3



#62
 Azobenzene
 Concen: 42.33 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion: 77 Resp: 870034
 Ion Ratio Lower Upper
 77 100
 182 19.0 0.1 40.1
 105 21.7 3.6 43.6
 51 22.7 9.4 49.4

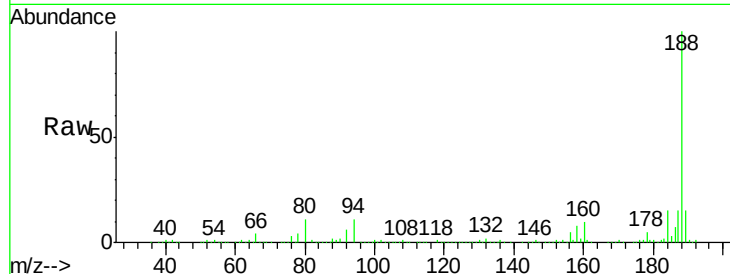




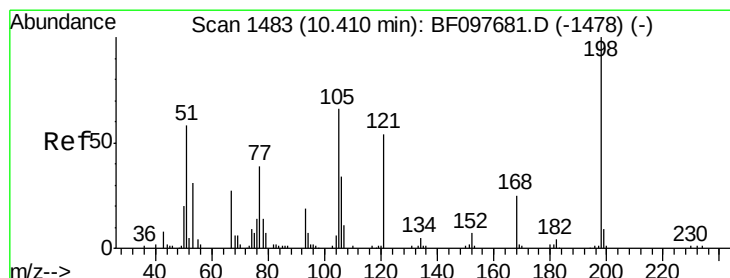
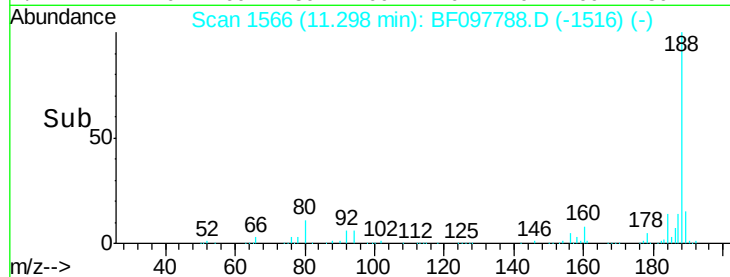
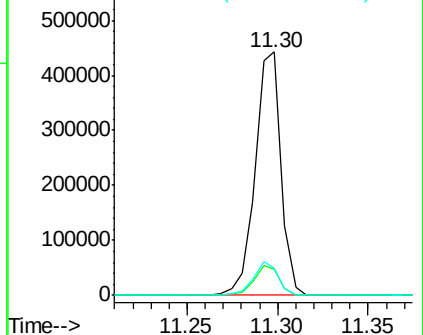
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

Tot Ion:188 Resp: 437847
 Ion Ratio Lower Upper
 188 100
 94 10.8 9.4 14.2
 80 11.3 10.2 15.2

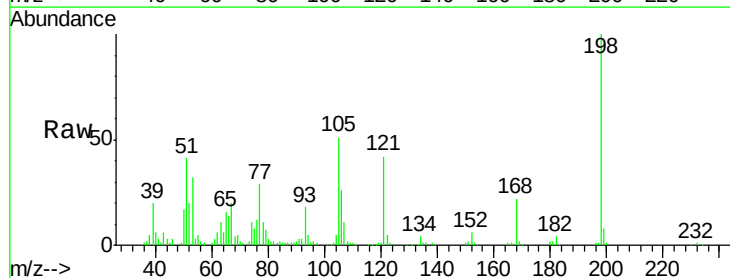


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

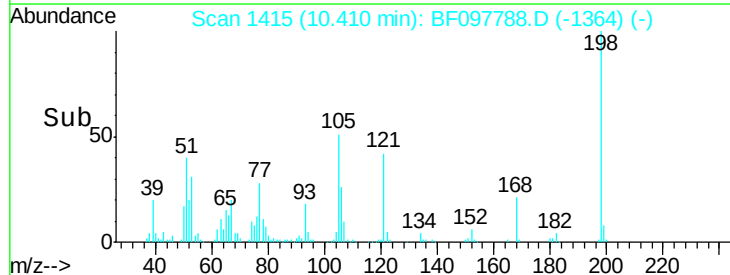
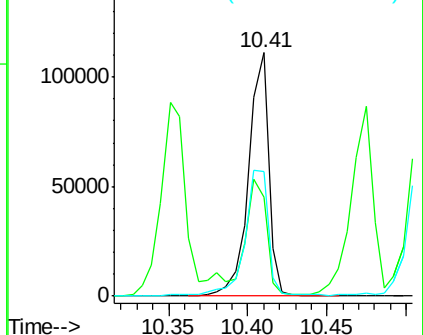


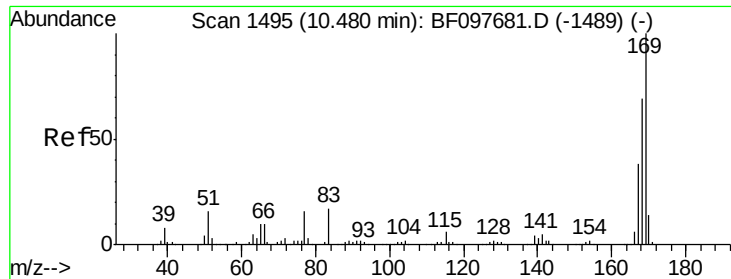
#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.61 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion:198 Resp: 98073
 Ion Ratio Lower Upper
 198 100
 51 40.6 53.2 93.2#
 105 50.9 45.8 85.8



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

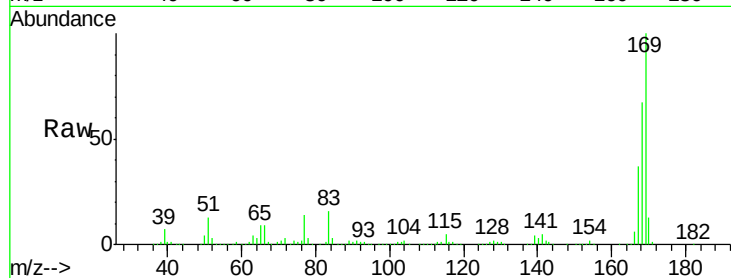




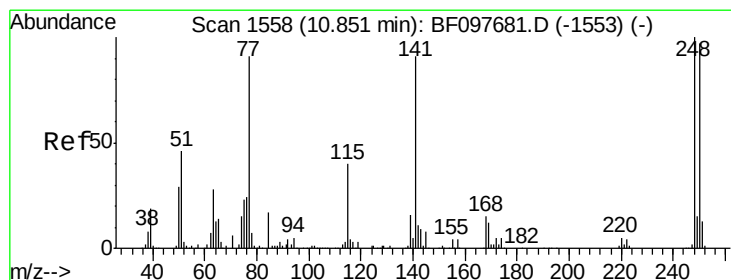
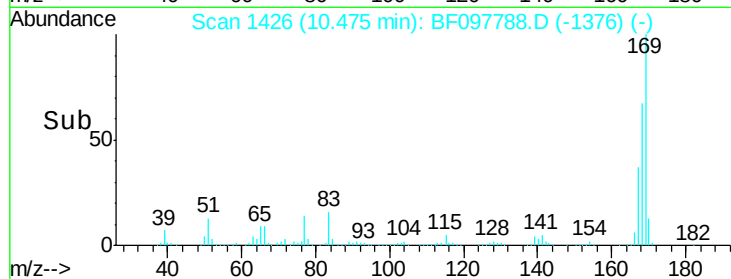
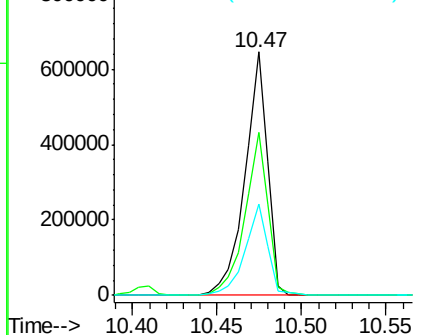
#65
n-Nitrosodiphenylamine
Concen: 40.48 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Instrument :
BNA_F
ClientSampleId :
PB101563BS

Tot Ion:169 Resp: 603608
Ion Ratio Lower Upper
169 100
168 67.1 53.2 79.8
167 37.4 29.5 44.3

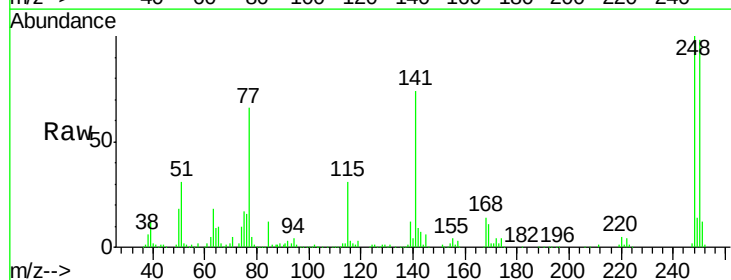


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

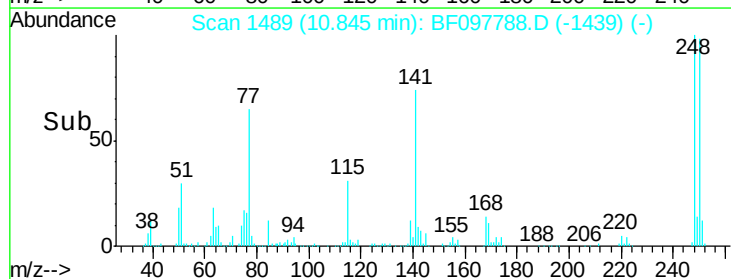
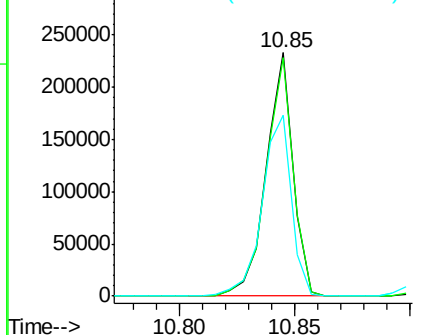


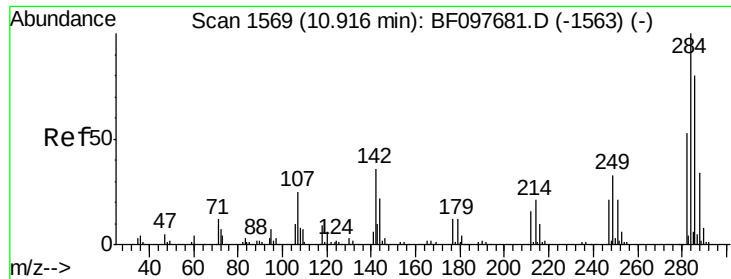
#66
4-Bromophenyl-phenylether
Concen: 41.60 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion:248 Resp: 189163
Ion Ratio Lower Upper
248 100
250 97.7 76.8 115.2
141 74.4 68.6 103.0



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

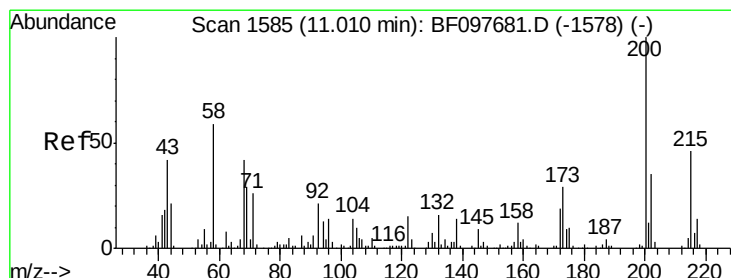
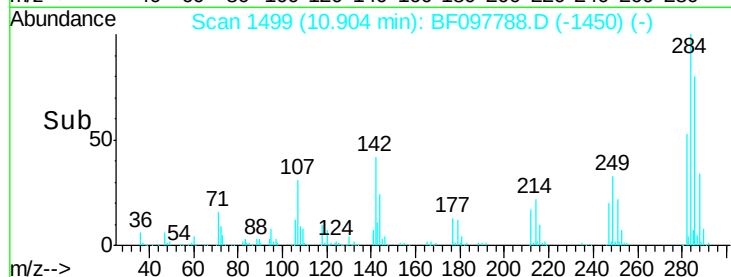
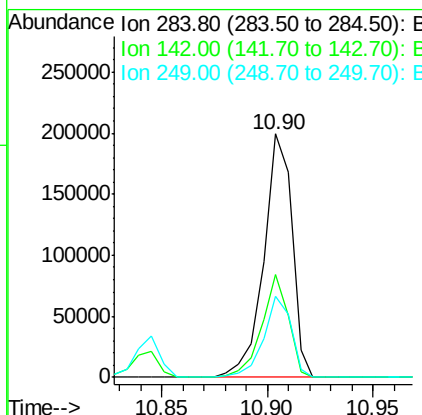
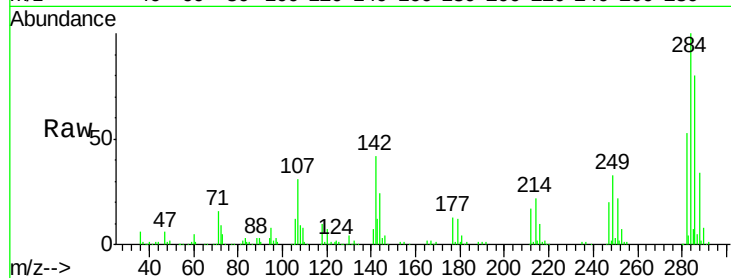




#67
Hexachlorobenzene
Concen: 40.28 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

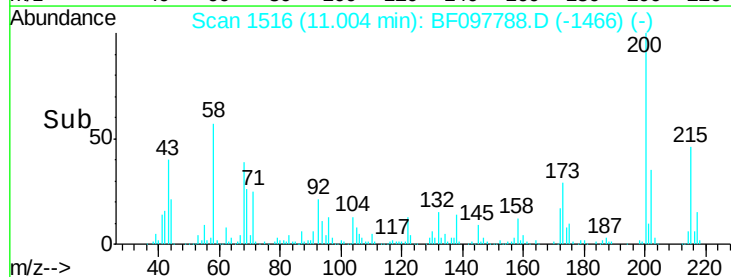
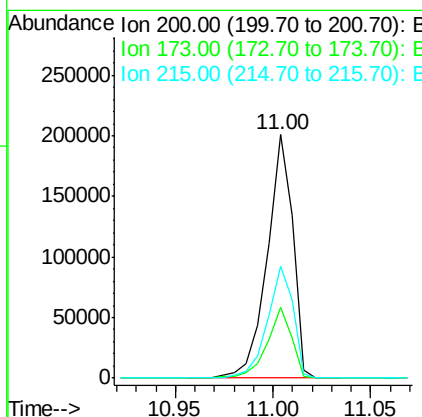
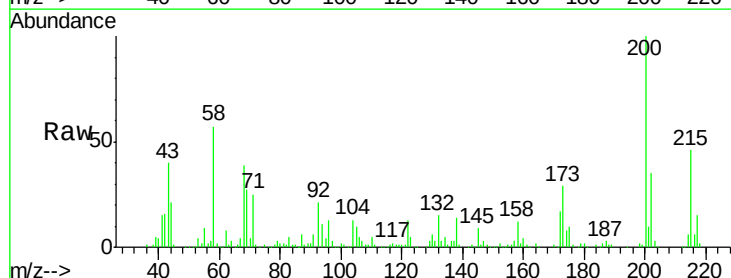
Instrument :
BNA_F
ClientSampleId :
PB101563BS

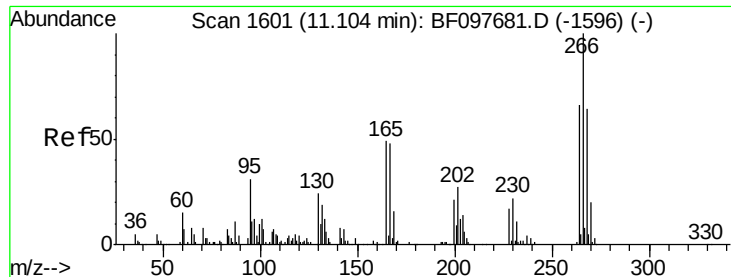
Tot Ion:284 Resp: 186663
Ion Ratio Lower Upper
284 100
142 42.0 22.8 34.2#
249 33.5 24.0 36.0



#68
Atrazine
Concen: 46.05 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion:200 Resp: 182092
Ion Ratio Lower Upper
200 100
173 29.0 6.3 46.3
215 46.0 27.2 67.2

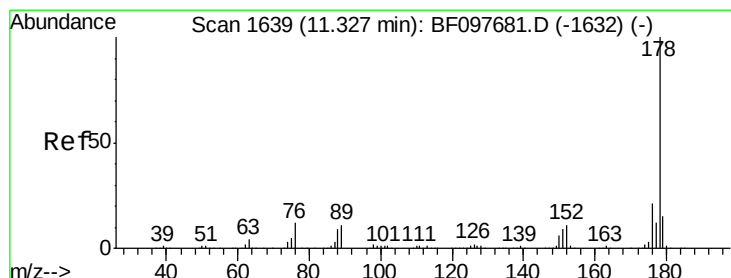
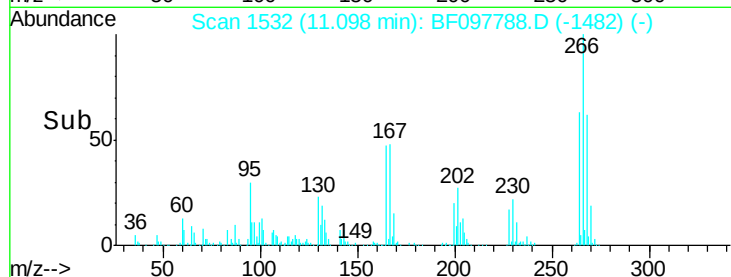
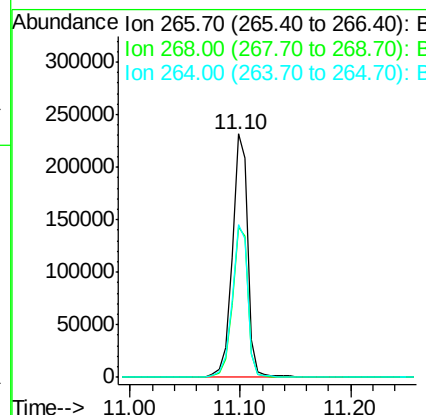
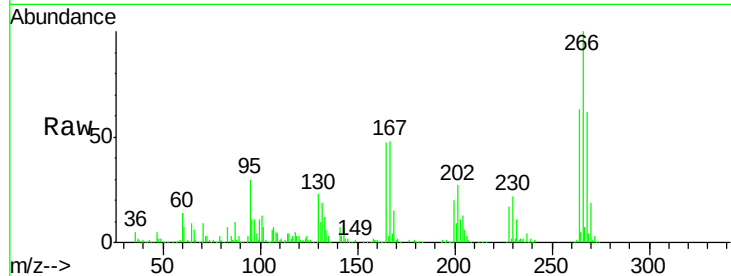




#69
 Pentachlorophenol
 Concen: 84.40 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

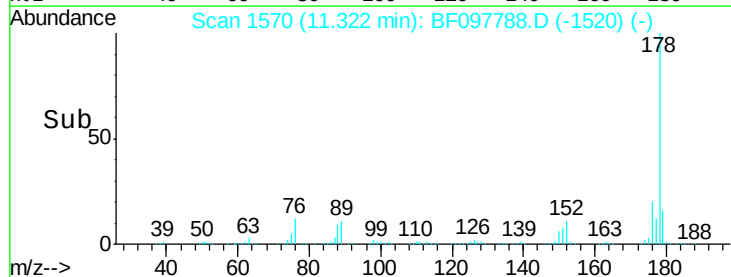
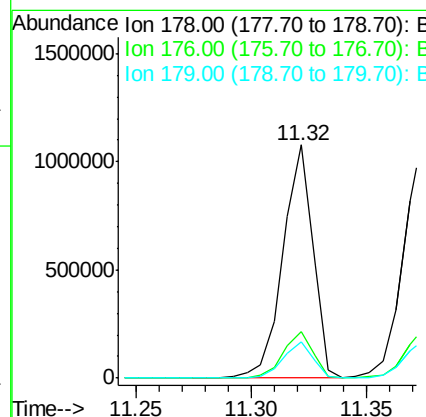
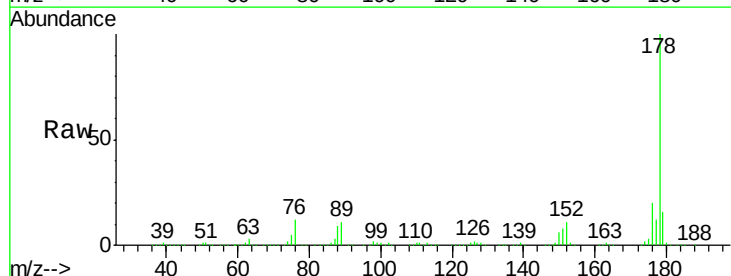
Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

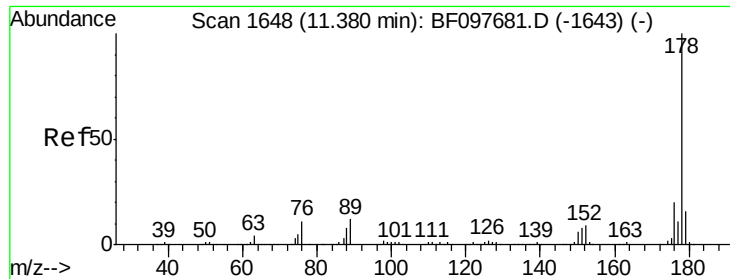
Tot Ion:266 Resp: 228052
 Ion Ratio Lower Upper
 266 100
 268 61.9 51.1 76.7
 264 62.8 51.7 77.5



#70
 Phenanthrene
 Concen: 41.47 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion:178 Resp: 967668
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.5 12.6 19.0

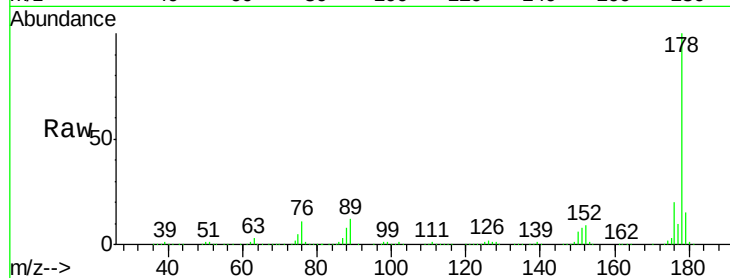




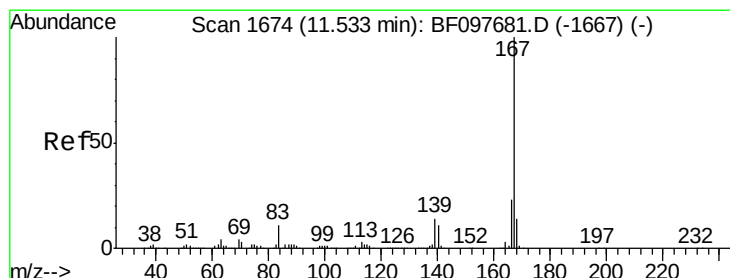
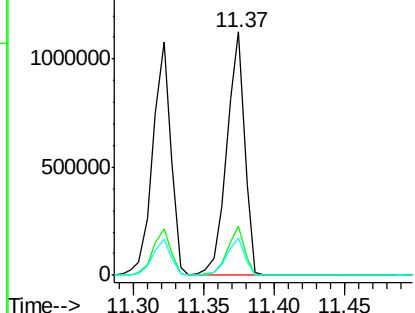
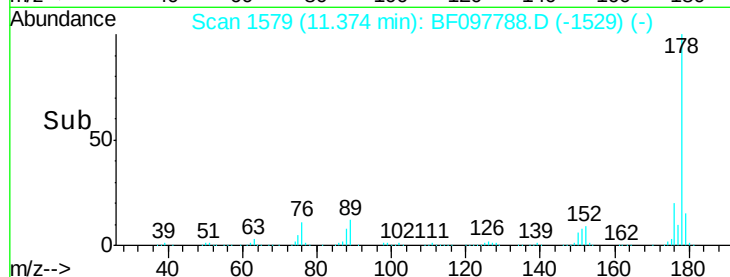
#71
 Anthracene
 Concen: 41.96 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

Tot Ion:178 Resp: 993010
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.4 12.7 19.1

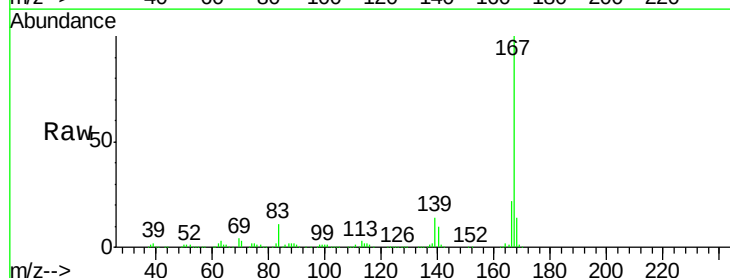


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

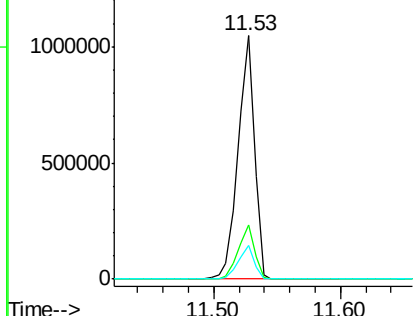
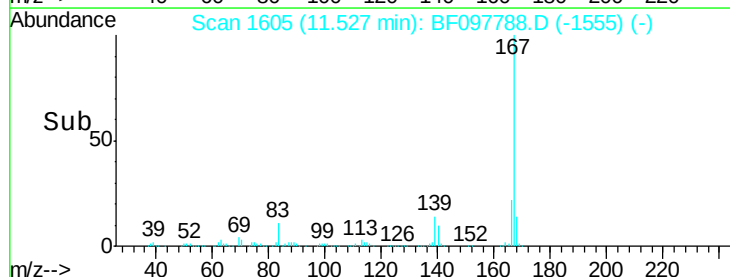


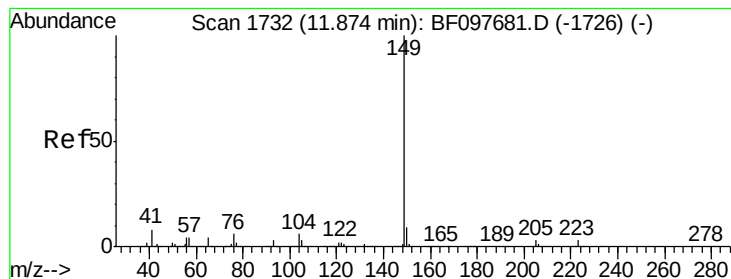
#72
 Carbazole
 Concen: 41.32 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion:167 Resp: 928231
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.6 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: 42.92 ng

RT: 11.86 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101563BS

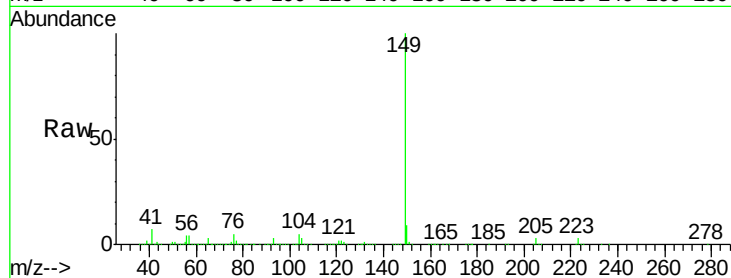
Tot Ion:149 Resp: 1110580

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

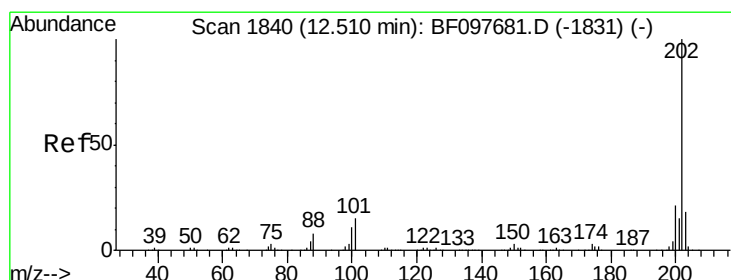
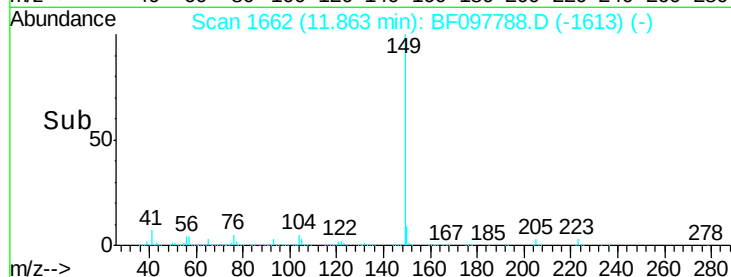
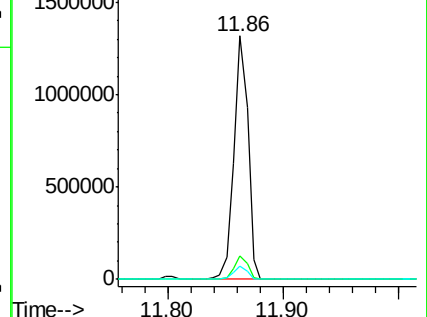
104 5.4 4.0 6.0



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: 42.06 ng

RT: 12.50 min Scan# 1771

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

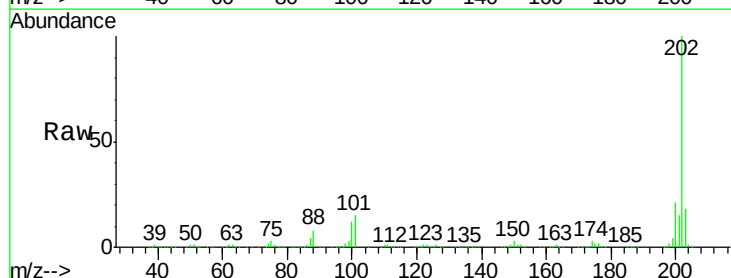
Tgt Ion:202 Resp: 1024372

Ion Ratio Lower Upper

202 100

101 15.3 0.0 33.2

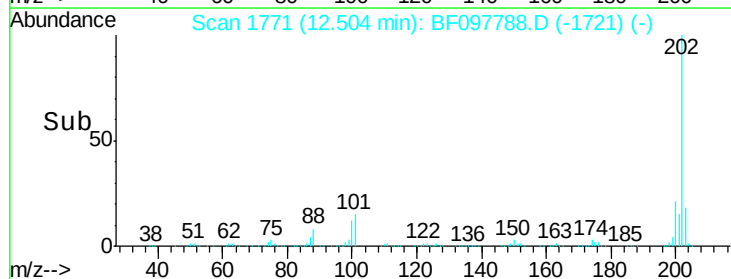
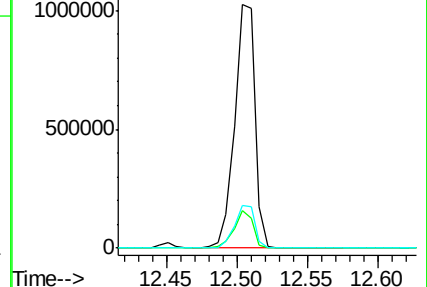
203 17.7 0.0 38.1

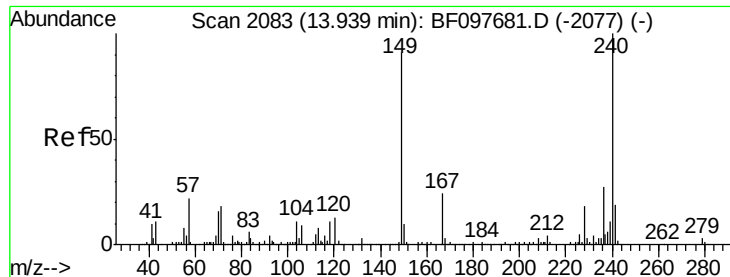


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101563BS

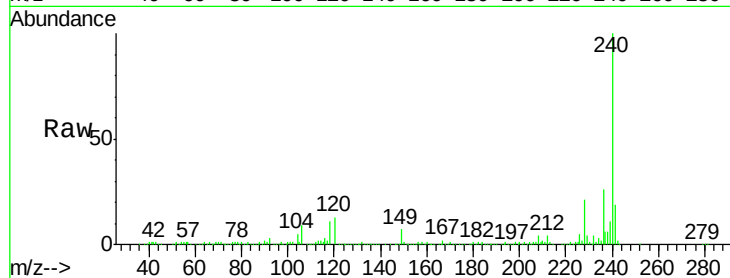
Tot Ion:240 Resp: 348055

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

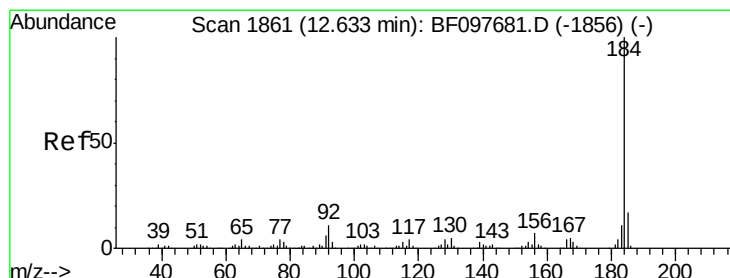
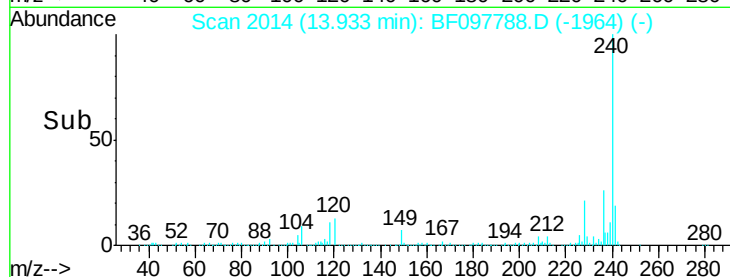
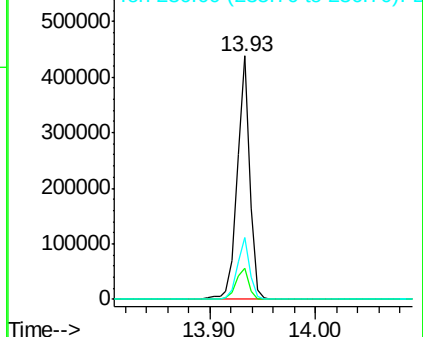
236 25.6 20.5 30.7



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: 23.01 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

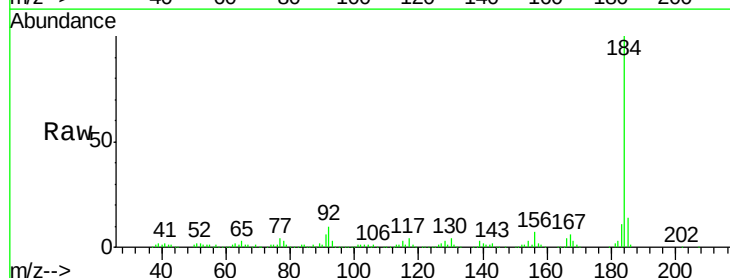
Tgt Ion:184 Resp: 262566

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

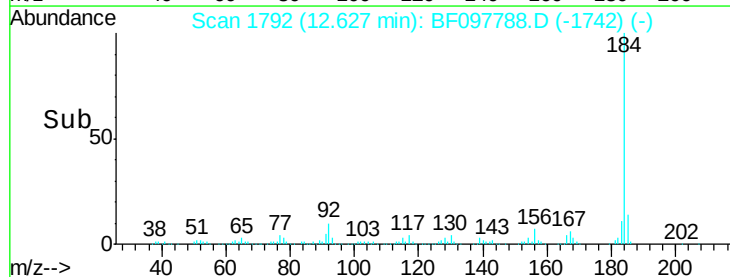
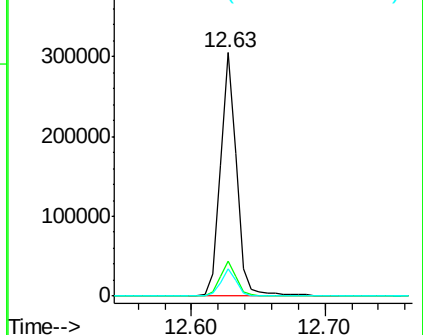
183 11.0 9.8 14.6

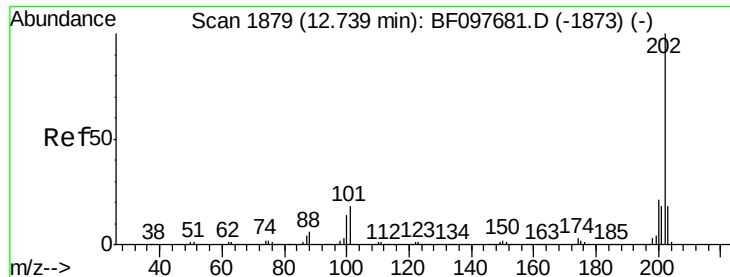


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.37 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101563BS

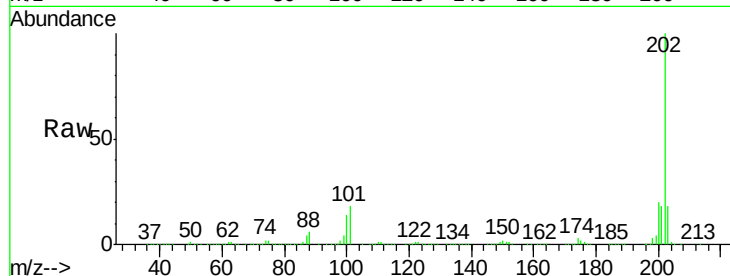
Tot Ion:202 Resp: 1063783

Ion Ratio Lower Upper

202 100

200 20.5 17.6 26.4

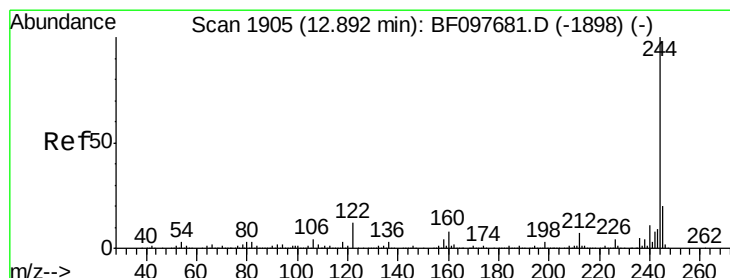
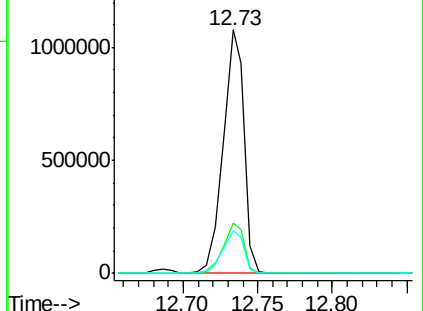
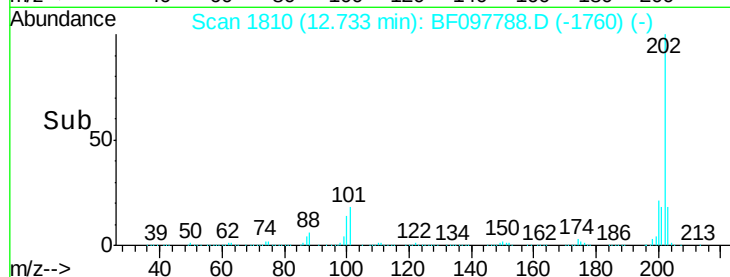
203 17.6 14.4 21.6



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: 71.68 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

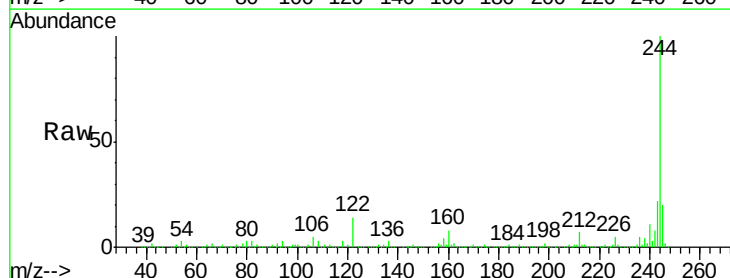
Tgt Ion:244 Resp: 1196312

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

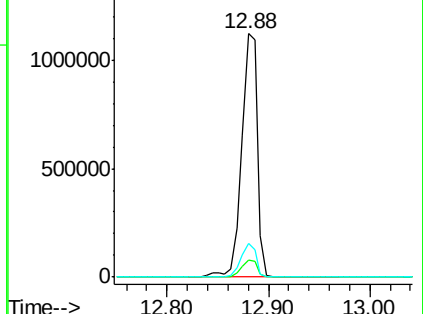
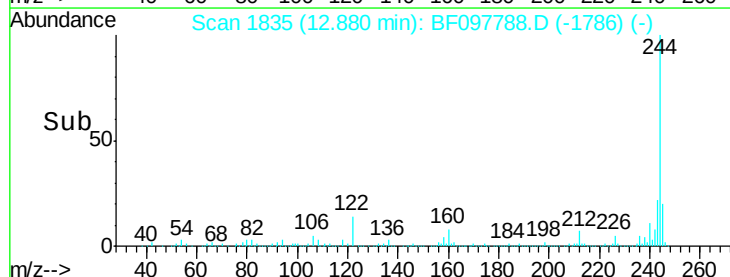
122 13.6 10.3 15.5

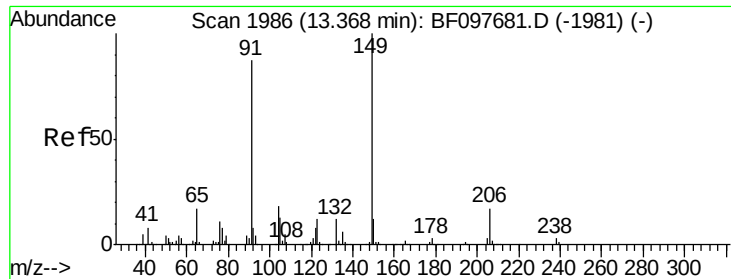


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.35 ng

RT: 13.36 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101563BS

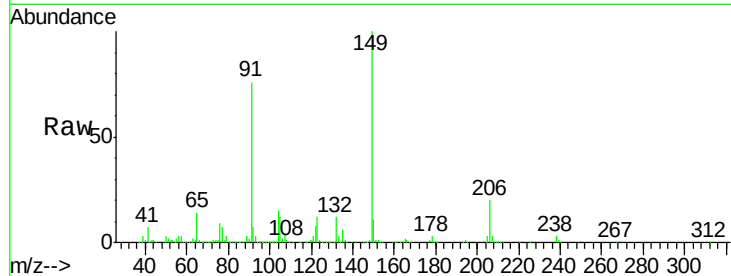
Tot Ion:149 Resp: 473181

Ion Ratio Lower Upper

149 100

91 76.2 45.0 67.4#

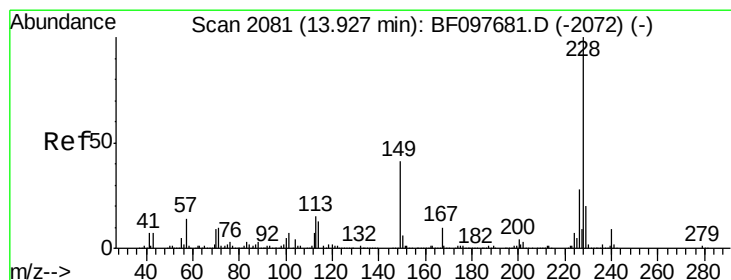
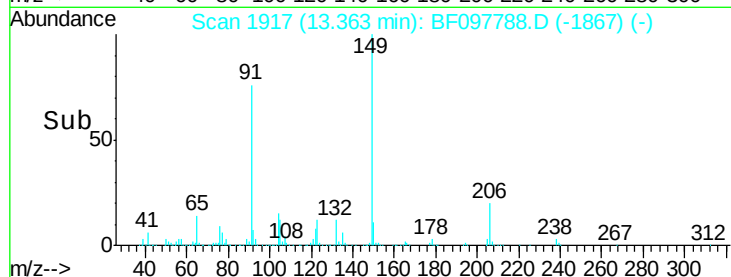
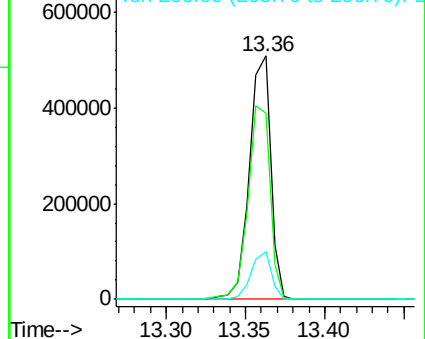
206 19.8 17.0 25.6



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: 39.30 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

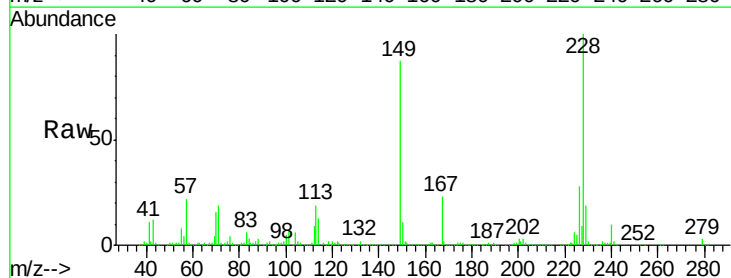
Tgt Ion:228 Resp: 819889

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

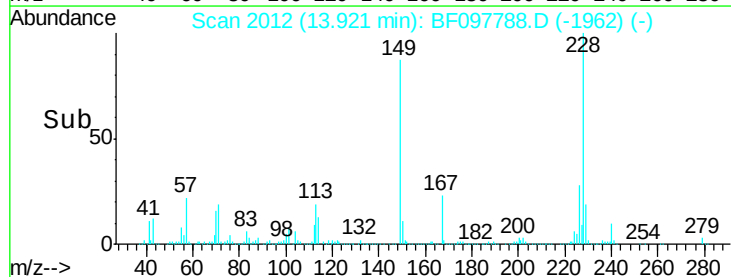
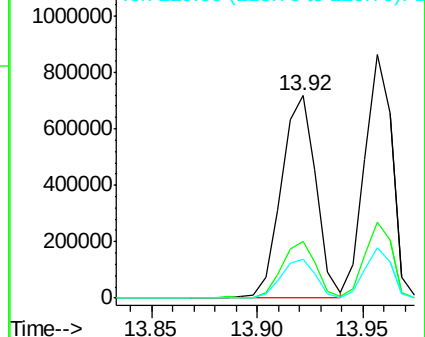
229 19.4 16.3 24.5

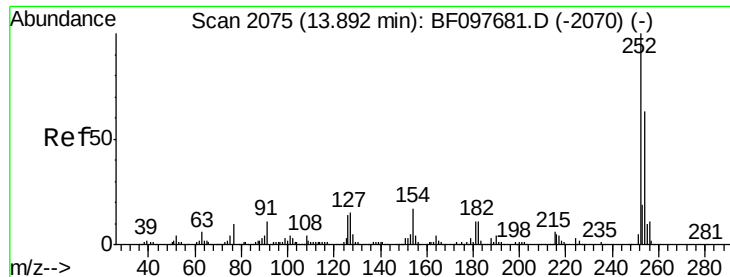


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 26.17 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101563BS

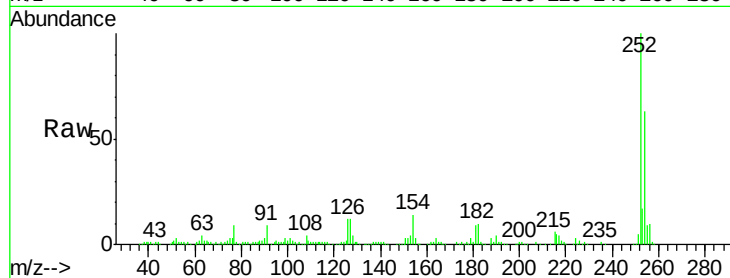
Tot Ion:252 Resp: 184191

Ion Ratio Lower Upper

252 100

254 63.5 51.5 77.3

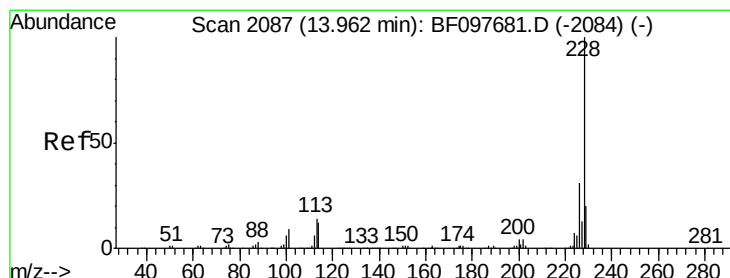
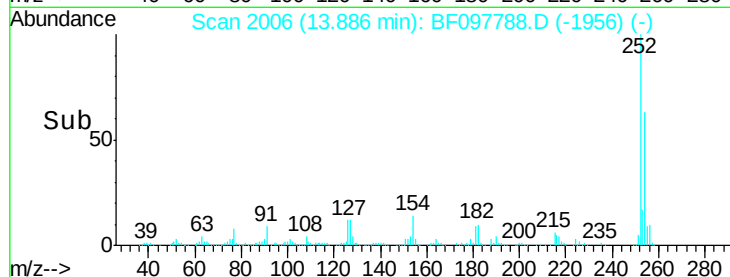
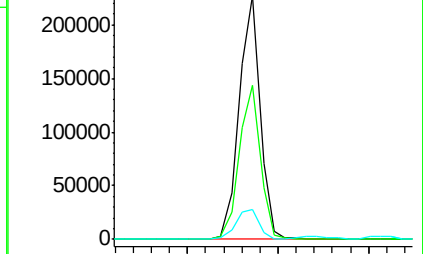
126 12.2 15.8 23.8#



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: 37.90 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

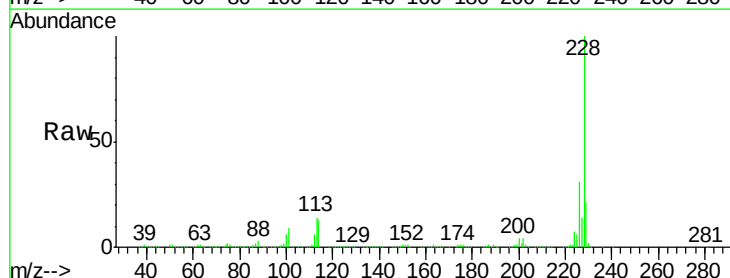
Tgt Ion:228 Resp: 786388

Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

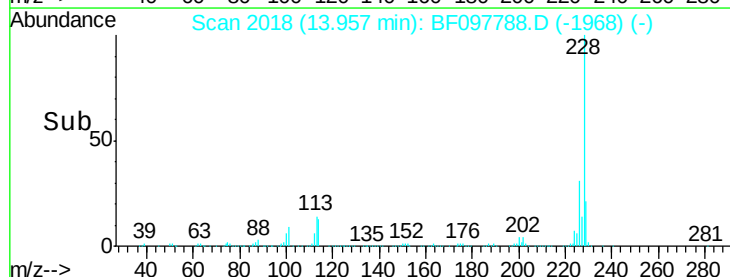
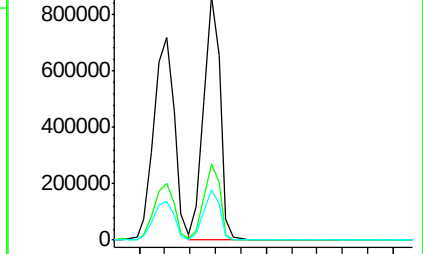
229 20.9 15.8 23.6

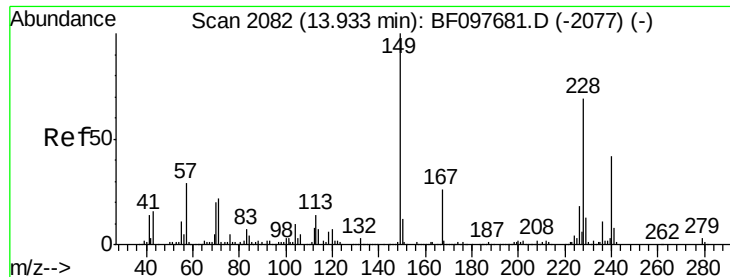


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

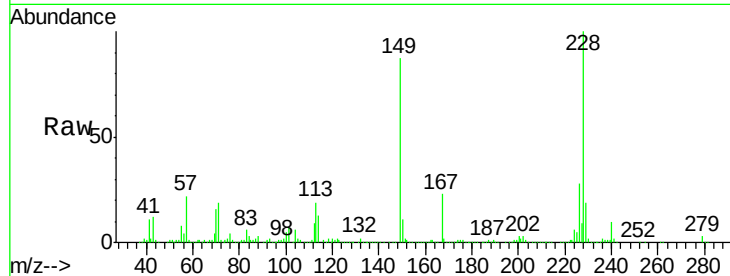




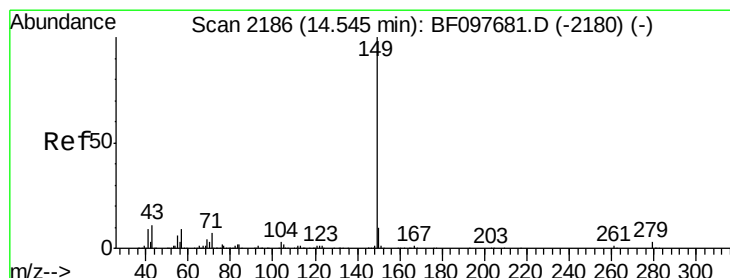
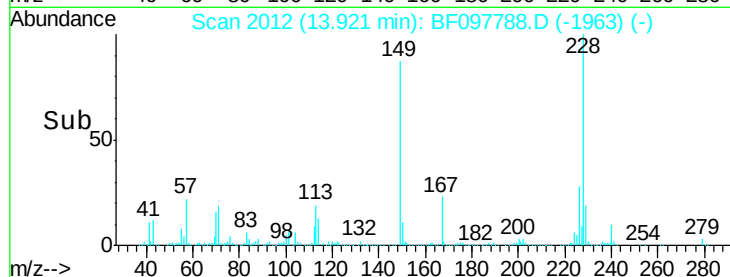
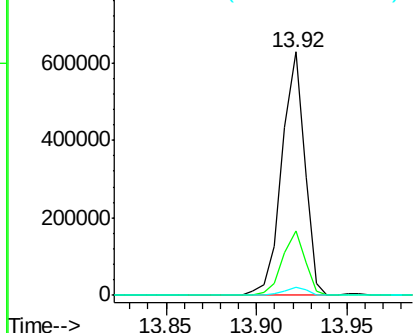
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.78 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

Tot Ion:149 Resp: 553673
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.0 31.4
 279 3.3 1.9 2.9#

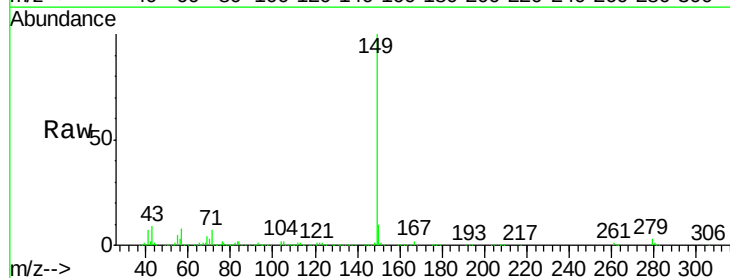


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

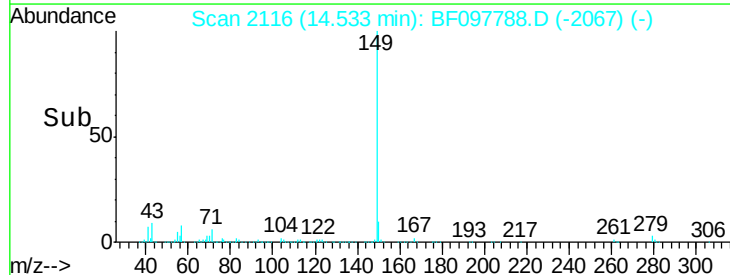
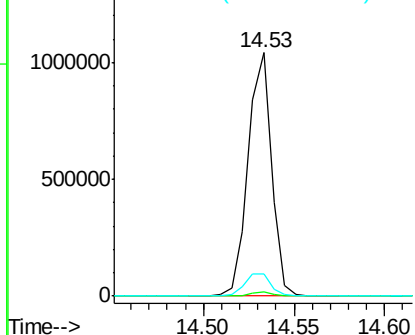


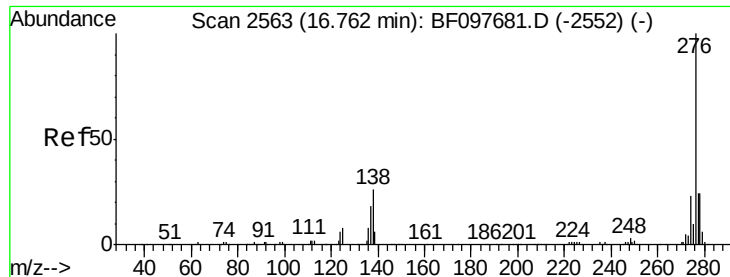
#84
 Di-n-octyl phthalate
 Concen: 44.64 ng
 RT: 14.53 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion:149 Resp: 939441
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 9.9 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

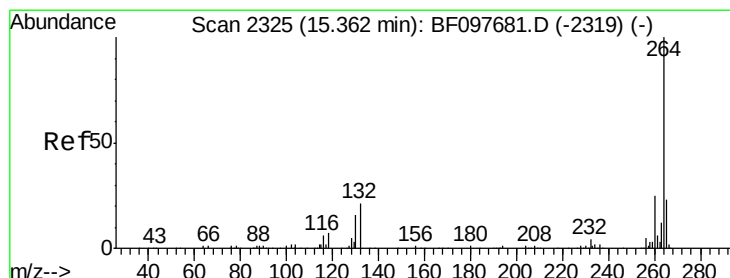
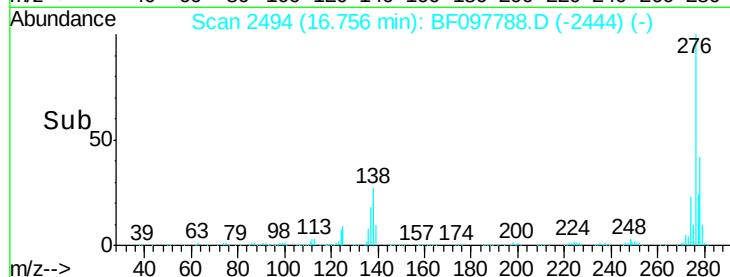
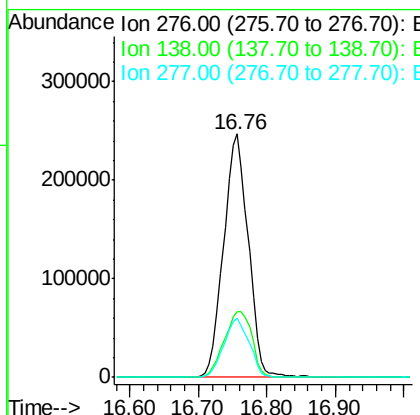
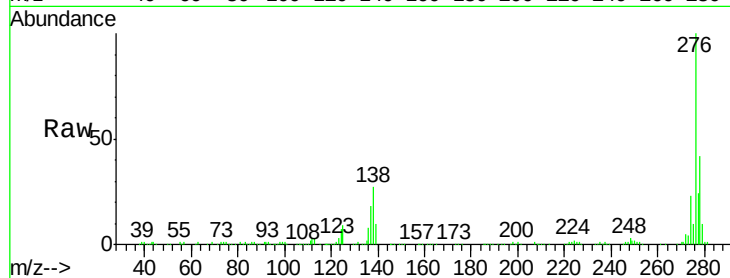




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.31 ng
 RT: 16.76 min Scan# 2494
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

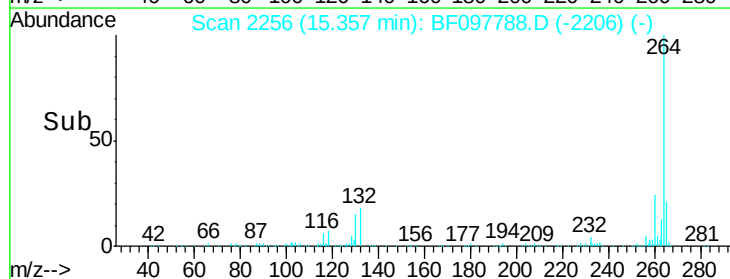
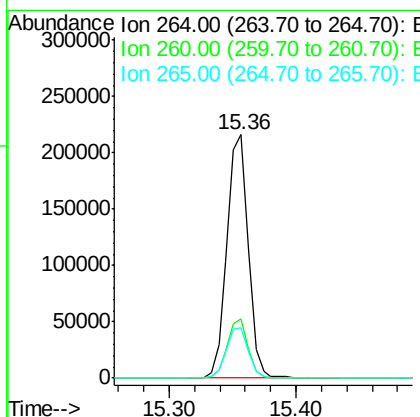
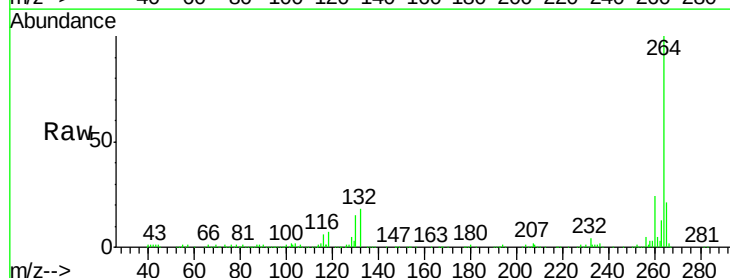
Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

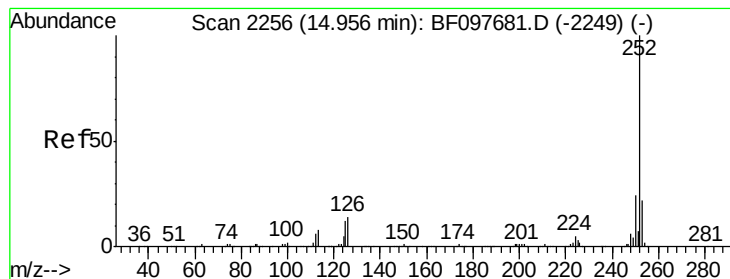
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.1	27.8	41.6
277	25.0	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	20.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 43.12 ng

RT: 14.94 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101563BS

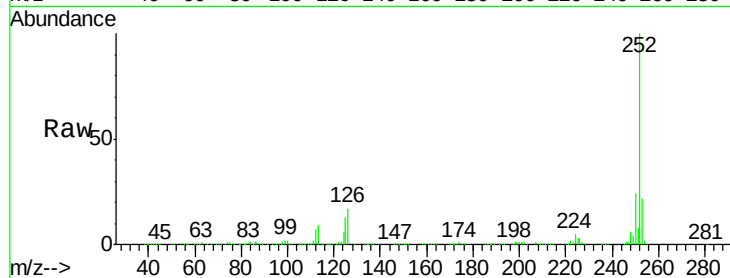
Tot Ion:252 Resp: 680783

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

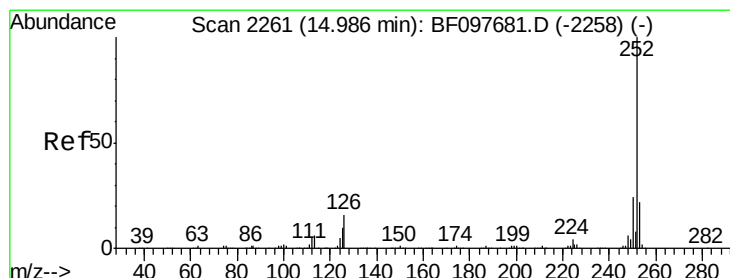
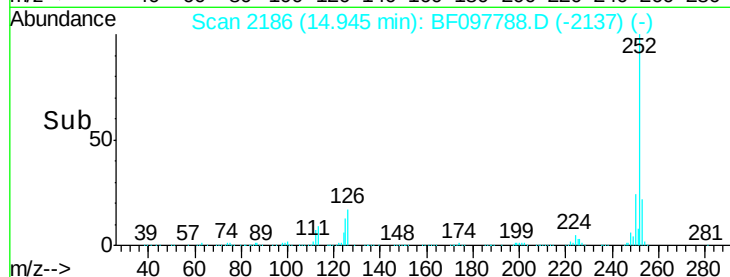
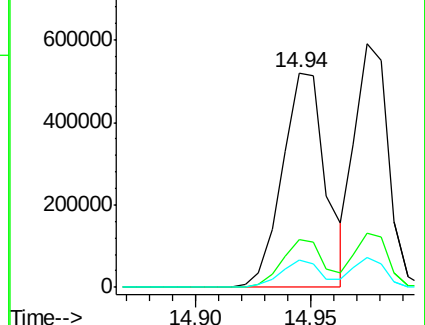
125 12.6 9.8 14.8



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: 40.48 ng

RT: 14.97 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

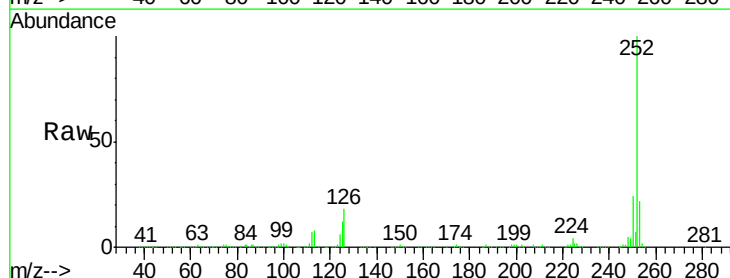
Tgt Ion:252 Resp: 600407

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

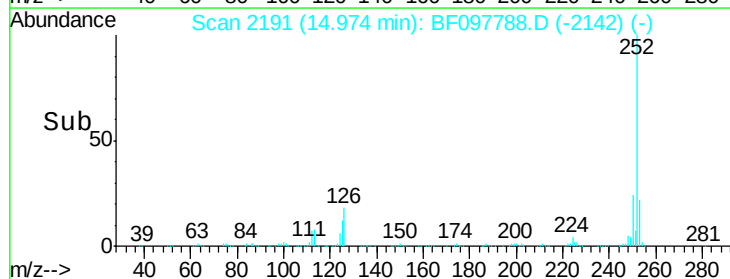
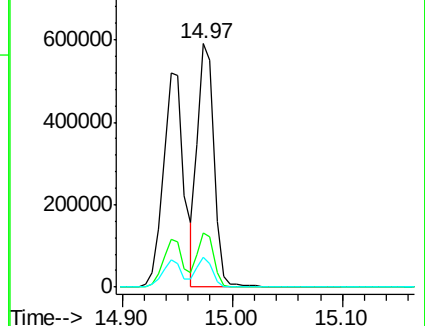
125 12.4 13.1 19.7#

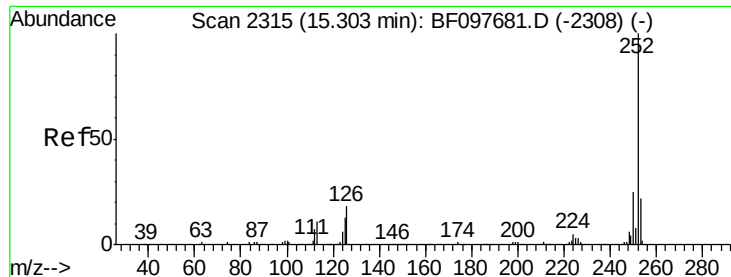


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.66 ng

RT: 15.30 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

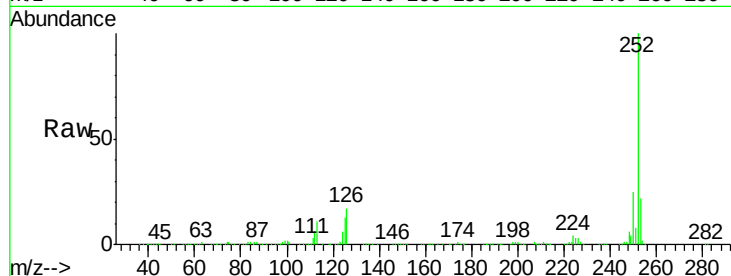
BNA_F

ClientSampleId :

PB101563BS

Tot Ion:252 Resp: 596299

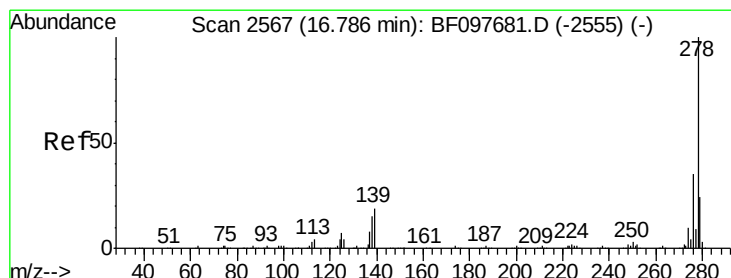
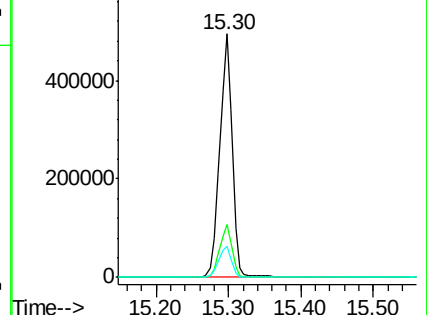
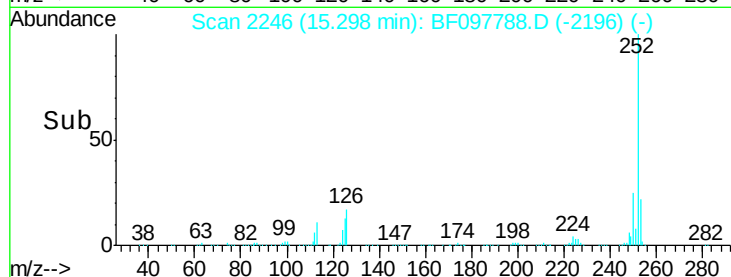
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	12.9	11.0	16.4



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: 44.29 ng

RT: 16.77 min Scan# 2497

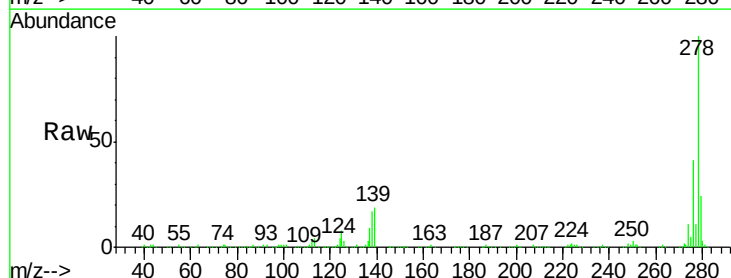
Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Tgt Ion:278 Resp: 504006

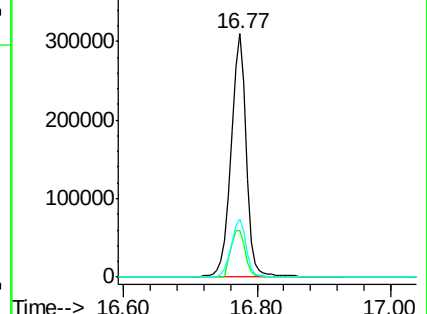
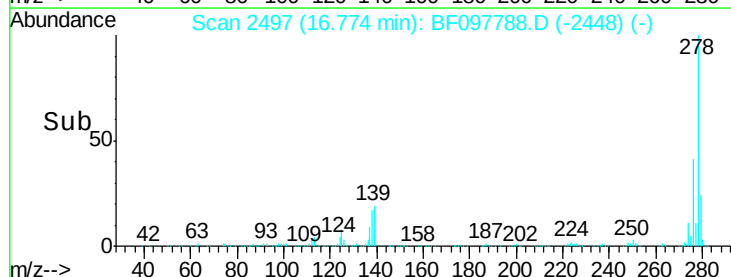
Ion	Ratio	Lower	Upper
278	100		
139	19.1	16.6	24.8
279	23.7	19.3	28.9

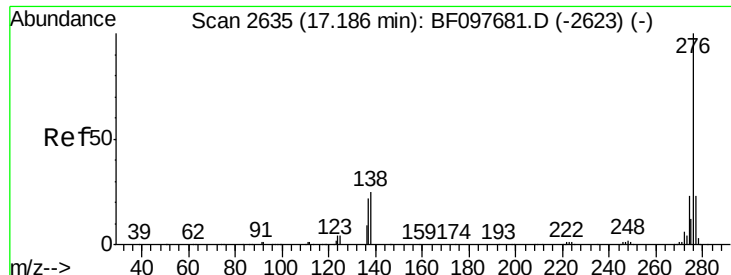


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.86 ng
 RT: 17.18 min Scan# 2566
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	24.0	25.4	38.0

