

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097440.D
 Acq On : 7 Aug 2017 20:23
 Operator : SJ/JU
 Sample : I4623-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMSD

Quant Time: Aug 08 04:48:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	100668	20.00	ng	0.00
21) Naphthalene-d8	7.70	136	399903	20.00	ng	0.00
38) Acenaphthene-d10	9.44	164	174201	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	233868	20.00	ng	0.00
75) Chrysene-d12	13.53	240	163278	20.00	ng	0.00
86) Perylene-d12	14.87	264	156176	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.01	112	701583	105.06	ng	0.00
7) Phenol-d6	6.09	99	748066	98.13	ng	0.00
23) Nitrobenzene-d5	6.99	82	457015	67.04	ng	0.00
41) 2,4,6-Tribromophenol	10.23	330	114045	82.86	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	695870	67.79	ng	0.00
78) Terphenyl-d14	12.49	244	419406	52.37	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.91	88	78930	28.32	ng	# 73
3) Pyridine	2.52	79	180332	21.13	ng	# 62
4) n-Nitrosodimethylamine	2.46	42	126815	26.83	ng	# 76
6) Aniline	6.07	93	277013	28.88	ng	96
8) 2-Chlorophenol	6.20	128	227654	31.88	ng	94
9) Benzaldehyde	5.96	77	113084	25.06	ng	94
10) Phenol	6.10	94	295490	32.68	ng	96
11) bis(2-Chloroethyl)ether	6.16	93	220963	30.90	ng	89
12) 1,3-Dichlorobenzene	6.35	146	227398	29.55	ng	99
13) 1,4-Dichlorobenzene	6.43	146	232276	30.46	ng	94
14) 1,2-Dichlorobenzene	6.58	146	206858	31.07	ng	97
15) Benzyl Alcohol	6.58	79	184550	38.24	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.70	45	455360	31.74	ng	57
17) 2-Methylphenol	6.70	107	176910	32.10	ng	# 88
18) Hexachloroethane	6.92	117	77486	27.77	ng	# 80
19) n-Nitroso-di-n-propylamine	6.85	70	159787	31.84	ng	# 78
20) 3+4-Methylphenols	6.86	107	245992	34.18	ng	# 61
22) Acetophenone	6.83	105	312071	32.50	ng	# 98
24) Nitrobenzene	7.00	77	236639	33.33	ng	97
25) Isophorone	7.25	82	412865	30.93	ng	99
26) 2-Nitrophenol	7.32	139	121796	31.71	ng	# 85
27) 2,4-Dimethylphenol	7.38	122	191412	30.21	ng	97
28) bis(2-Chloroethoxy)methane	7.46	93	274530	31.51	ng	97
29) 2,4-Dichlorophenol	7.58	162	177871	32.59	ng	95
30) 1,2,4-Trichlorobenzene	7.65	180	155709	29.93	ng	97
31) Naphthalene	7.72	128	602797	31.98	ng	100
33) 4-Chloroaniline	7.78	127	215093	28.04	ng	98
34) Hexachlorobutadiene	7.84	225	78835	28.58	ng	96
35) Caprolactam	8.15	113	63557	36.31	ng	# 47
36) 4-Chloro-3-methylphenol	8.29	107	192839	32.38	ng	90
37) 2-Methylnaphthalene	8.41	142	377191	31.60	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.58	216	143624	30.90	ng	99
40) Hexachlorocyclopentadiene	8.56	237	7470	10.81	ng	97
42) 2,4,6-Trichlorophenol	8.70	196	105772	31.40	ng	99

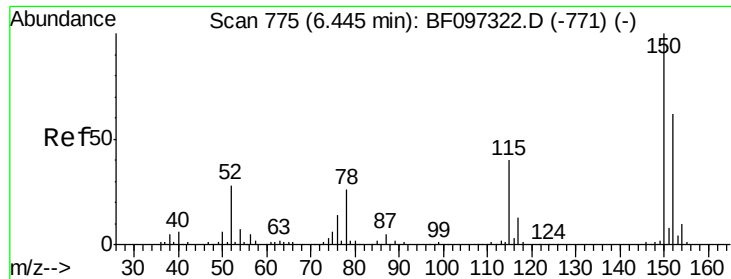
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
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 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.76	196	101517	30.11	nq	96
45) 1,1'-Biphenyl	8.87	154	447955	30.11	nq	98
46) 2-Chloronaphthalene	8.89	162	327489	29.91	nq	93
47) 2-Nitroaniline	9.00	65	136748	34.41	nq	96
48) Acenaphthylene	9.30	152	547962	32.60	nq	98
49) Dimethylphthalate	9.18	163	521587	39.43	nq	99
50) 2,6-Dinitrotoluene	9.25	165	91728	32.69	nq	# 65
51) Acenaphthene	9.47	154	327496	33.08	nq	100
52) 3-Nitroaniline	9.42	138	103359	29.68	nq	93
53) 2,4-Dinitrophenol	9.56	184	8860	6.95	nq	# 65
54) Dibenzofuran	9.65	168	478152	36.26	nq	98
55) 4-Nitrophenol	9.65	139	298634	144.20	nq	# 34
56) 2,4-Dinitrotoluene	9.66	165	114830	35.60	nq	# 77
57) Fluorene	9.99	166	301165	30.39	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.78	232	70030	30.08	nq	# 98
59) Diethylphthalate	9.87	149	372704	30.71	nq	99
60) 4-Chlorophenyl-phenylether	9.98	204	127790	31.23	nq	97
61) 4-Nitroaniline	10.02	138	84466	25.53	nq	91
62) Azobenzene	10.14	77	327971	29.13	nq	92
64) 4,6-Dinitro-2-methylphenol	10.07	198	17579	12.10	nq	84
65) n-Nitrosodiphenylamine	10.10	169	297479	36.56	nq	97
66) 4-Bromophenyl-phenylether	10.46	248	78285	33.54	nq	97
67) Hexachlorobenzene	10.53	284	80049	30.59	nq	# 90
68) Atrazine	10.64	200	78289	33.55	nq	93
69) Pentachlorophenol	10.74	266	47479	43.84	nq	94
70) Phenanthrene	10.93	178	423754	33.82	nq	99
71) Anthracene	10.99	178	427098	33.28	nq	98
72) Carbazole	11.15	167	403326	31.95	nq	98
73) Di-n-butylphthalate	11.49	149	521786	33.44	nq	98
74) Fluoranthene	12.12	202	369754	30.12	nq	98
76) Benzidine	12.24	184	239912	39.60	nq	# 93
77) Pyrene	12.34	202	377056	28.21	nq	98
79) Butylbenzylphthalate	12.97	149	186792	27.47	nq	# 77
80) Benzo(a)anthracene	13.52	228	318723	30.17	nq	99
81) 3,3'-Dichlorobenzidine	13.49	252	125615	31.53	nq	# 97
82) Chrysene	13.56	228	321601	31.17	nq	100
83) Bis(2-ethylhexyl)phthalate	13.54	149	223445	25.17	nq	99
84) Di-n-octyl phthalate	14.14	149	464724	28.52	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.06	276	231135	26.13	nq	96
87) Benzo(b)fluoranthene	14.53	252	323091	34.41	nq	98
88) Benzo(k)fluoranthene	14.82	252	254347	28.43	nq	98
89) Benzo(a)pyrene	14.82	252	272858	31.76	nq	97
90) Dibenzo(a,h)anthracene	16.06	278	198306	28.14	nq	96
91) Benzo(g,h,i)perylene	16.41	276	188377	25.49	nq	99

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

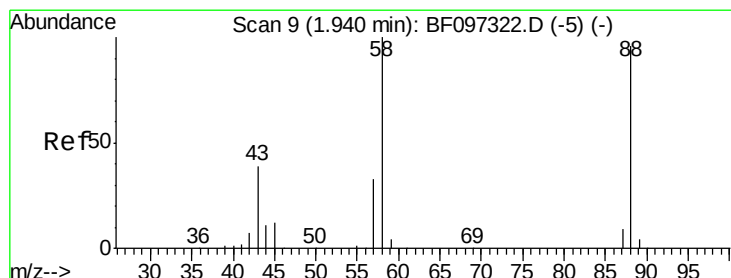
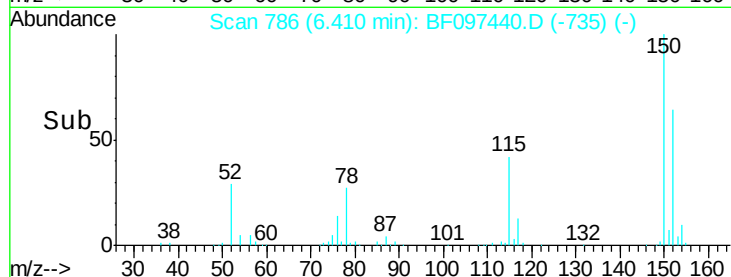
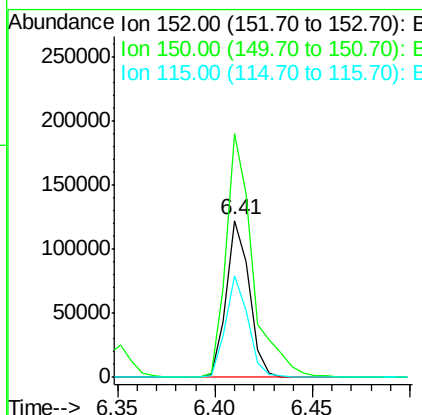
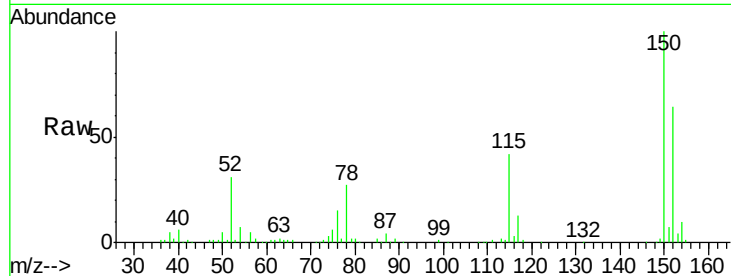


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.41 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

Instrument :
BNA_F
ClientSampleId :
TEC-BNMSD

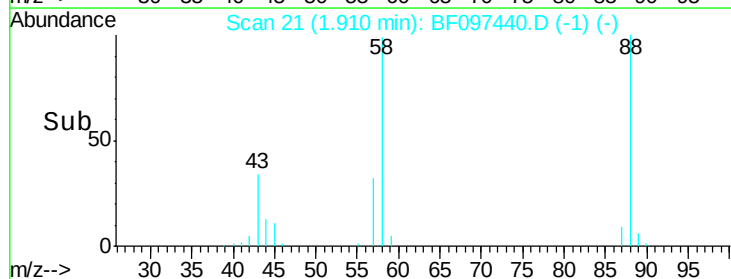
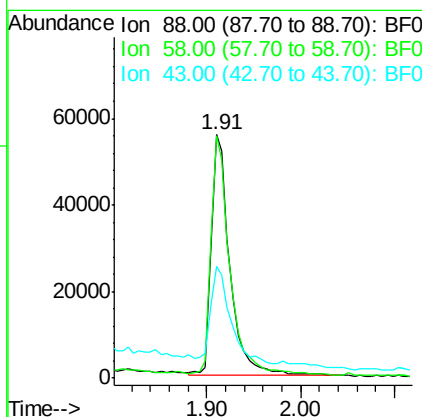
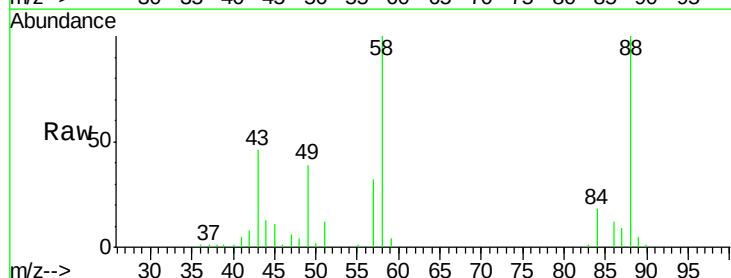
Tot Ion:152 Resp: 100668
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 65.1 52.2 78.2

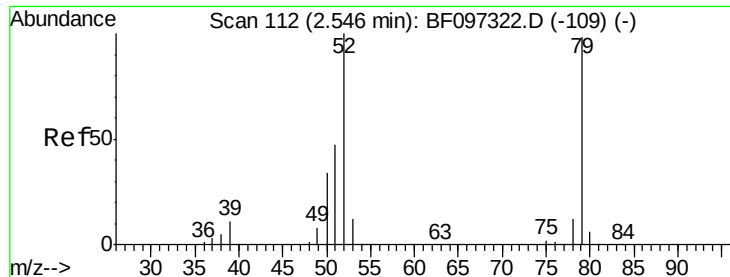


#2

1,4-Dioxane
Concen: 28.32 ng
RT: 1.91 min Scan# 21
Delta R.T. 0.01 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

Tgt Ion: 88 Resp: 78930
Ion Ratio Lower Upper
88 100
58 100.2 61.4 92.0#
43 42.5 23.4 35.0#





#3

Pvridine

Concen: 21.13 ng

RT: 2.52 min Scan# 125

Delta R.T. 0.03 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

TEC-BNMSD

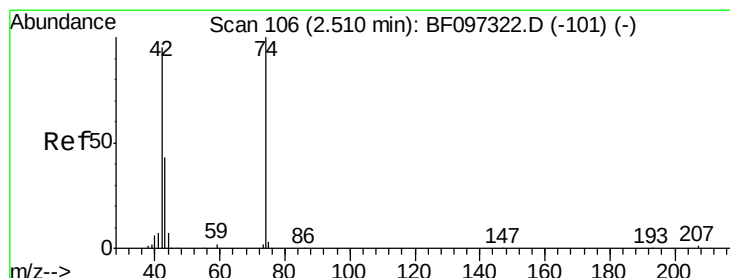
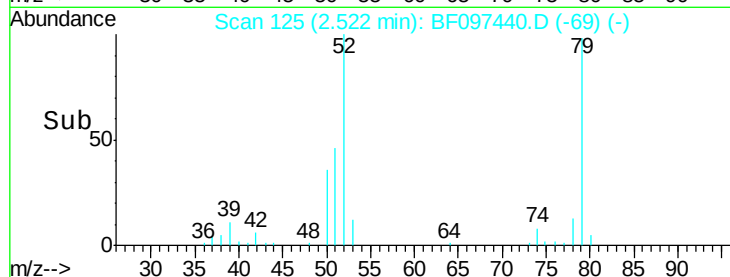
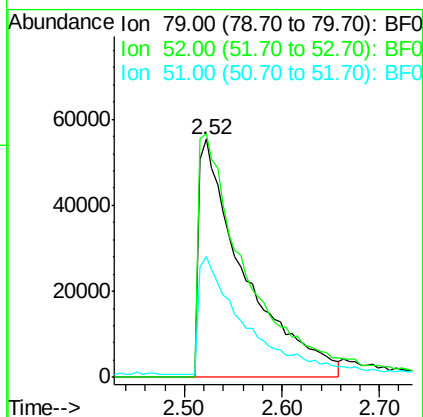
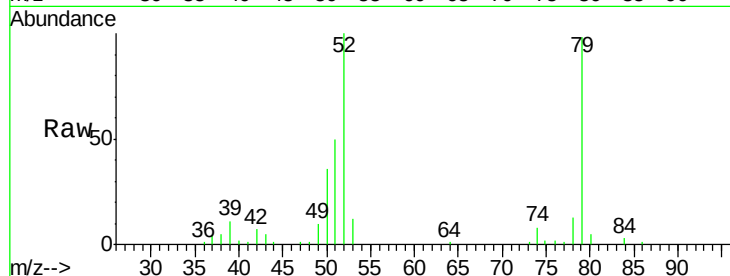
Tot Ion: 79 Resp: 180332

Ion Ratio Lower Upper

79 100

52 102.1 54.8 82.2#

51 50.6 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 26.83 ng

RT: 2.46 min Scan# 115

Delta R.T. 0.00 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

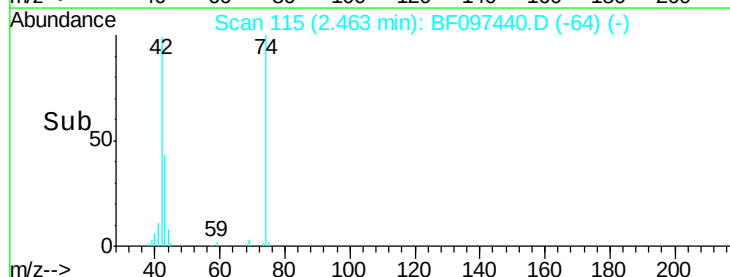
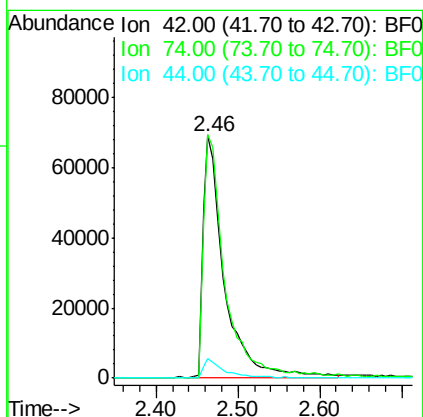
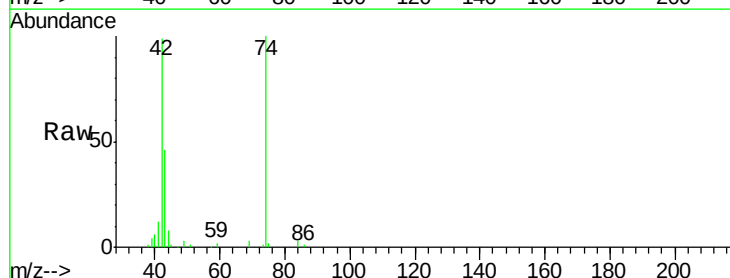
Tgt Ion: 42 Resp: 126815

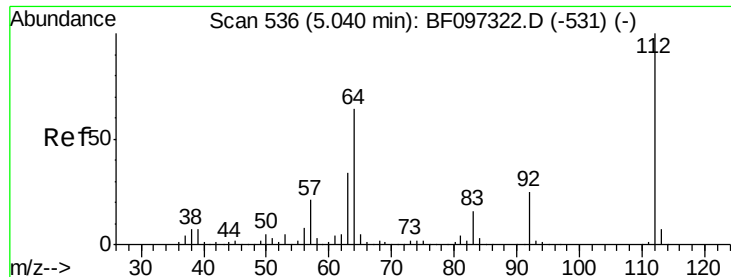
Ion Ratio Lower Upper

42 100

74 100.7 103.9 155.9#

44 7.9 5.7 8.5





#5

2-Fluorophenol

Concen: 105.06 ng

RT: 5.01 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

TEC-BNMSD

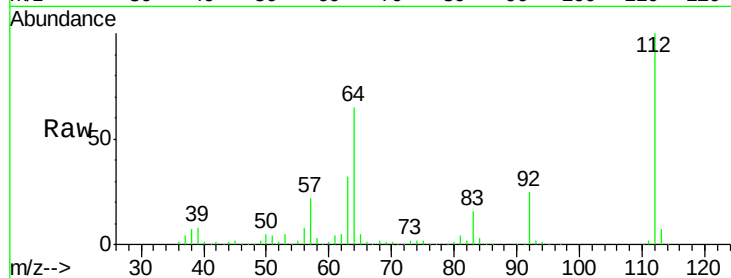
Tot Ion:112 Resp: 701583

Ion Ratio Lower Upper

112 100

64 65.5 46.0 69.0

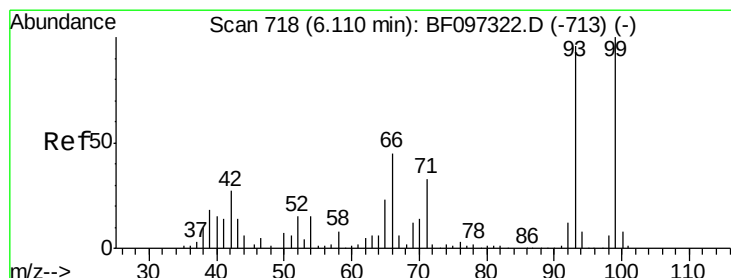
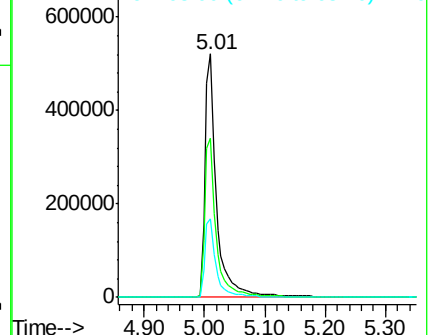
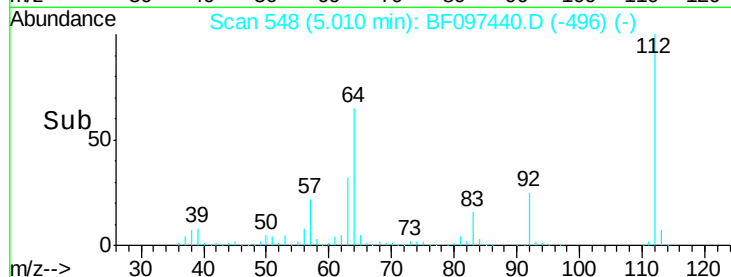
63 32.5 23.4 35.0



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: 28.88 ng

RT: 6.07 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

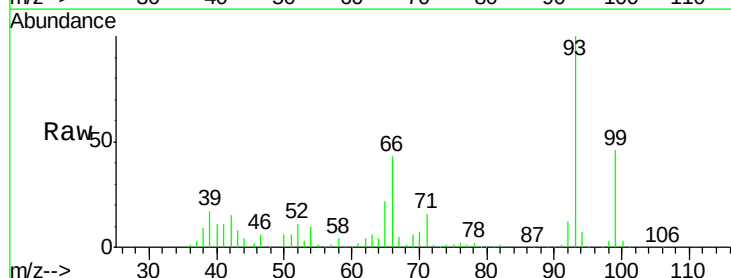
Tgt Ion: 93 Resp: 277013

Ion Ratio Lower Upper

93 100

66 43.3 32.9 49.3

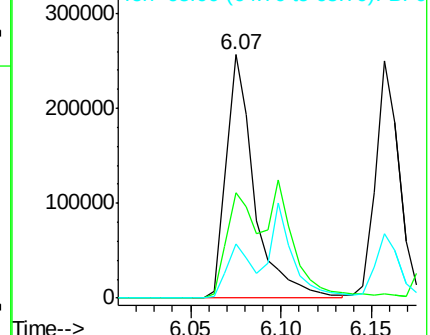
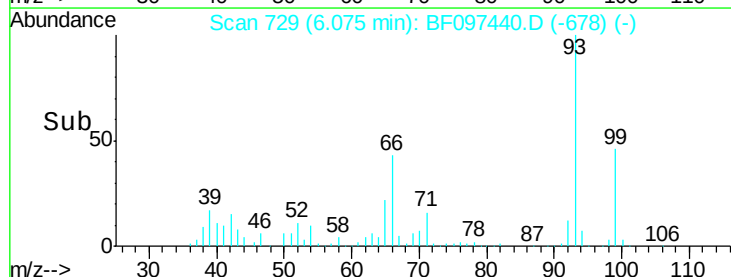
65 22.1 16.0 24.0

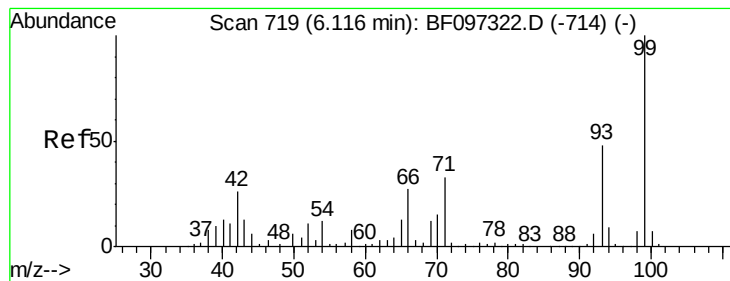


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 98.13 ng

RT: 6.09 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

TEC-BNMSD

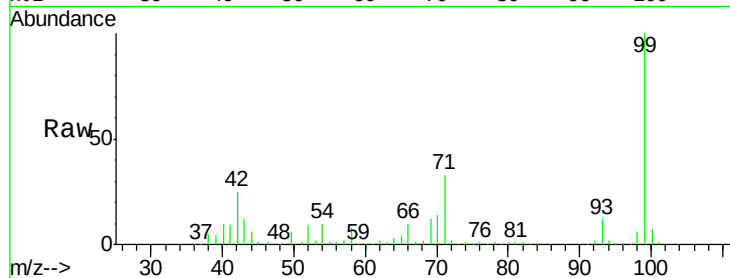
Tot Ion: 99 Resp: 748066

Ion Ratio Lower Upper

99 100

42 24.8 13.5 20.3#

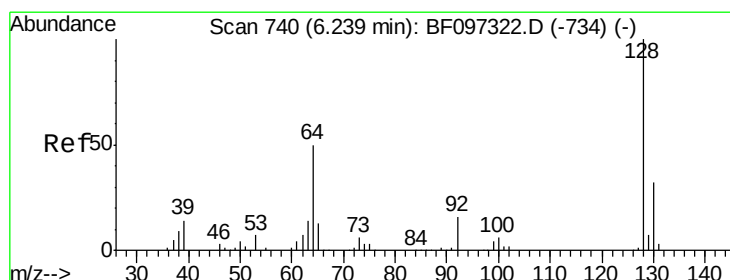
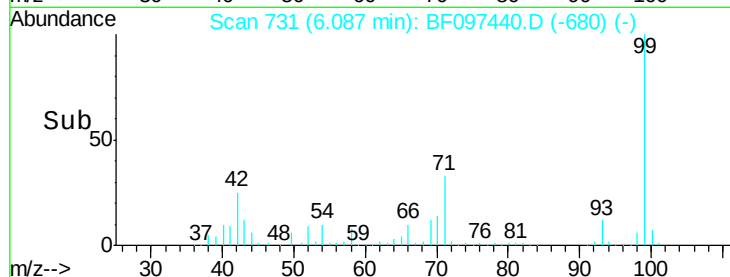
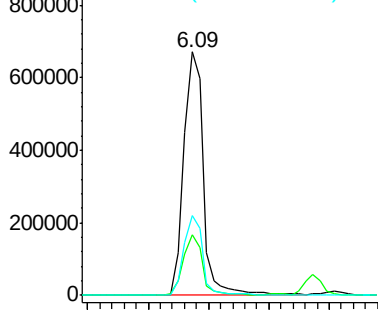
71 32.6 24.5 36.7



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: 31.88 ng

RT: 6.20 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

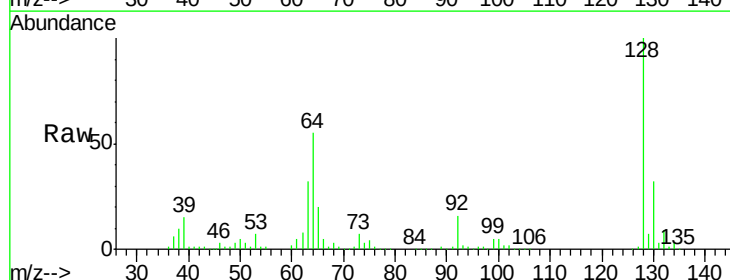
Tgt Ion: 128 Resp: 227654

Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

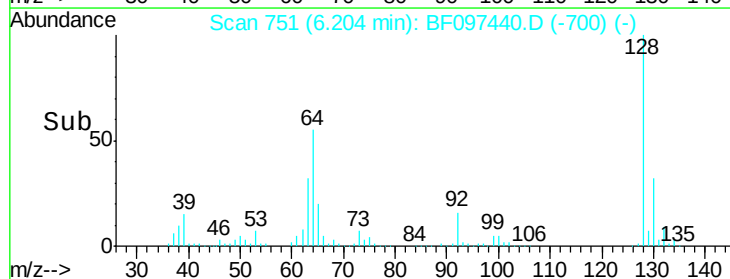
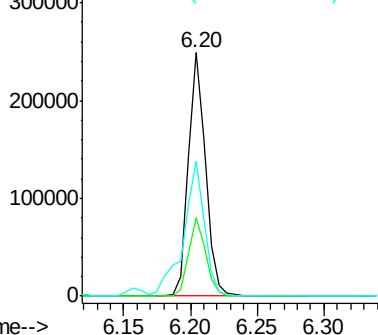
64 55.2 28.4 68.4

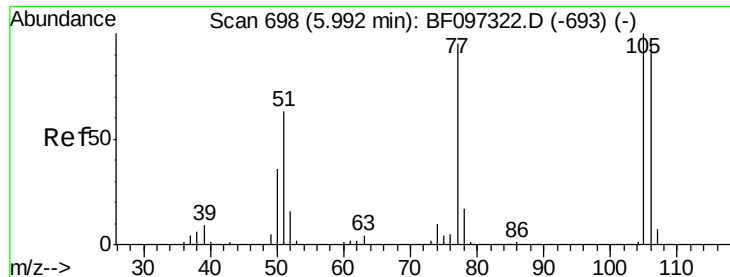


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

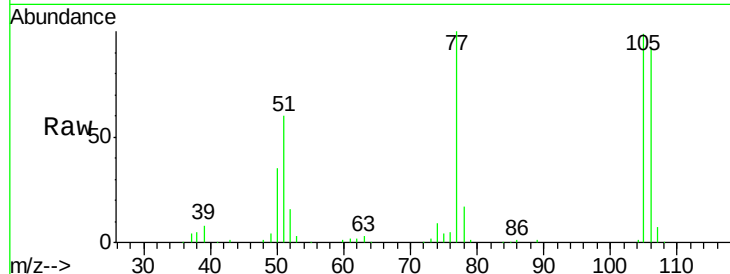




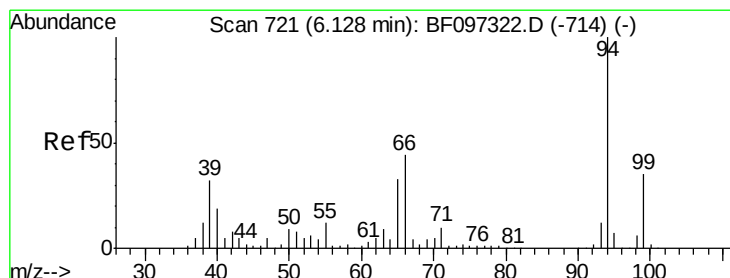
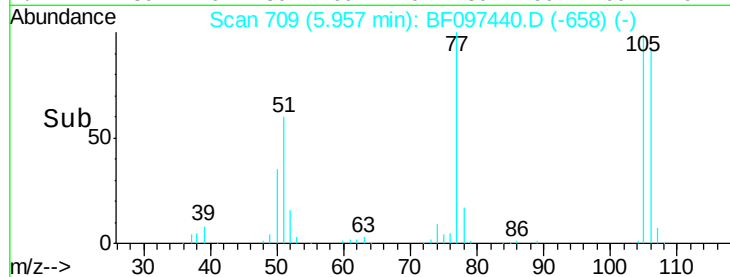
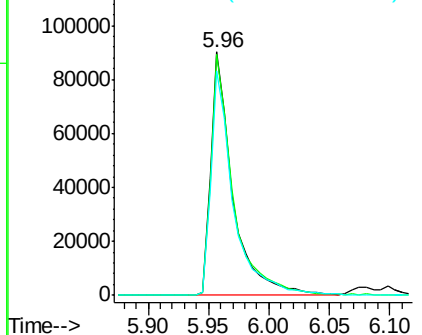
#9
Benzaldehyde
Concen: 25.06 ng
RT: 5.96 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

Instrument :
BNA_F
ClientSampleId :
TEC-BNMSD

Tot Ion: 77 Resp: 113084
Ion Ratio Lower Upper
77 100
105 98.9 83.8 123.8
106 92.1 79.1 119.1

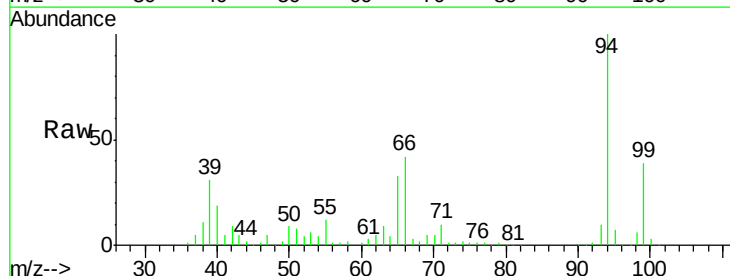


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

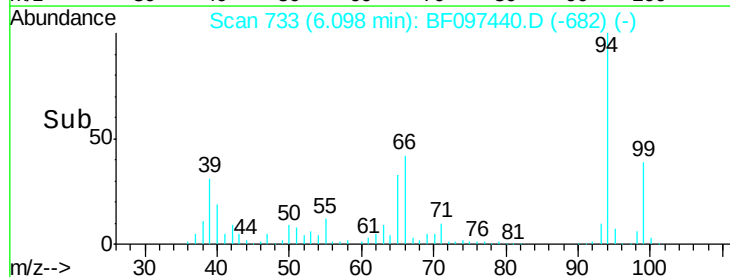
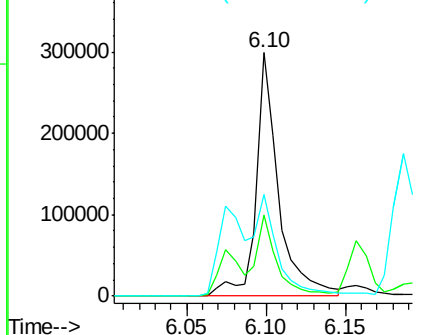


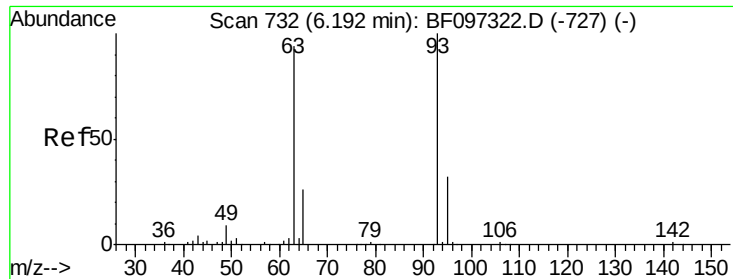
#10
Phenol
Concen: 32.68 ng
RT: 6.10 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

Tgt Ion: 94 Resp: 295490
Ion Ratio Lower Upper
94 100
65 33.3 9.9 49.9
66 41.6 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

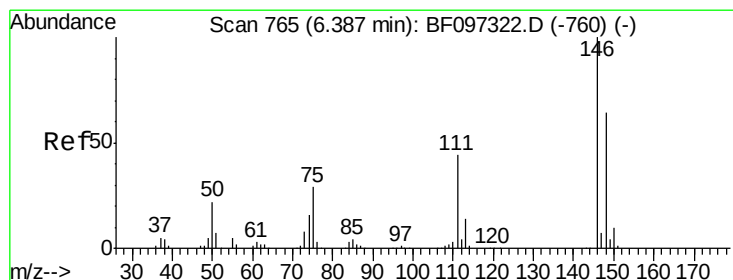
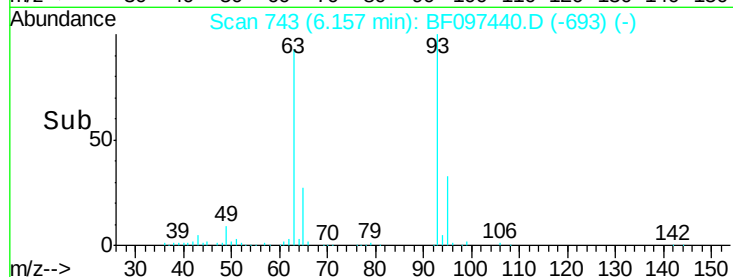
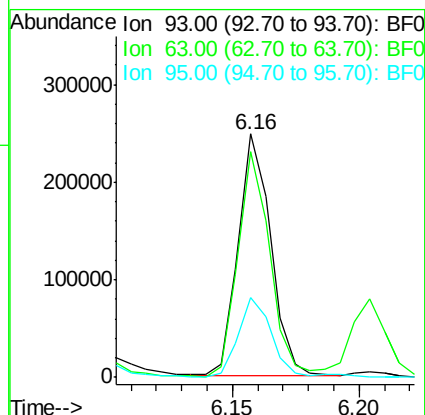
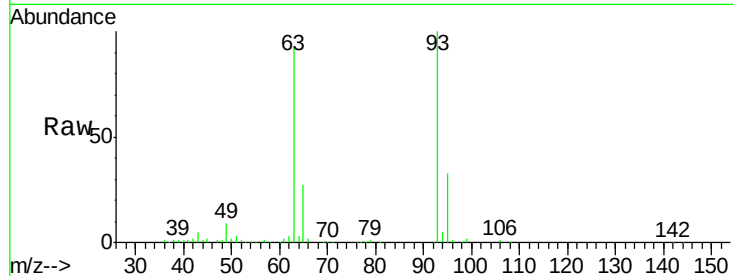




#11
 bis(2-Chloroethyl)ether
 Concen: 30.90 ng
 RT: 6.16 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

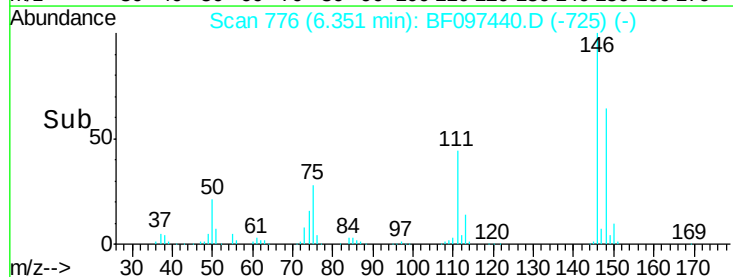
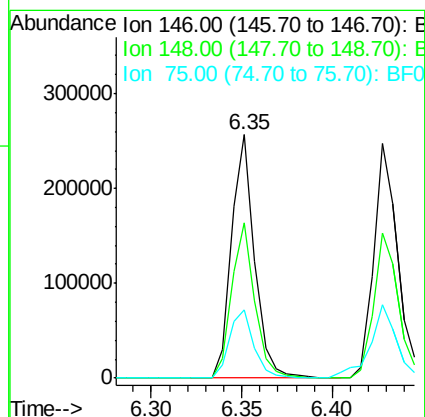
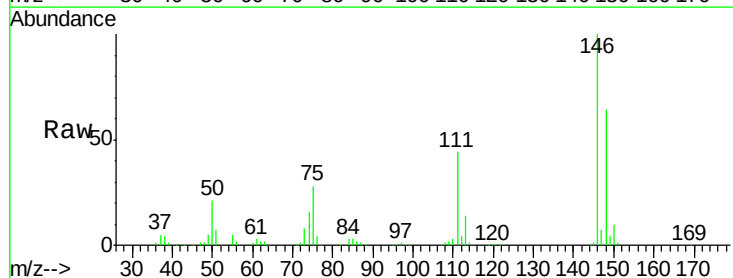
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMSD

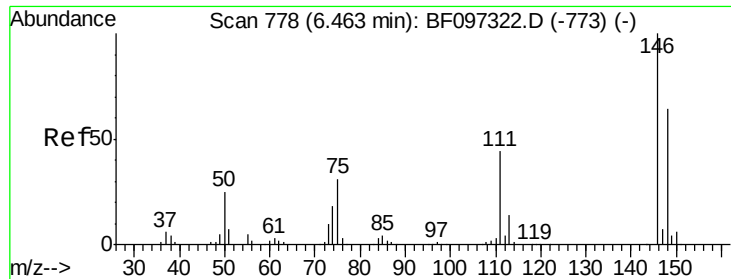
Tot Ion: 93 Resp: 220963
 Ion Ratio Lower Upper
 93 100
 63 92.8 59.2 99.2
 95 32.6 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 29.55 ng
 RT: 6.35 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

Tgt Ion: 146 Resp: 227398
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.6
 75 28.1 23.1 34.7

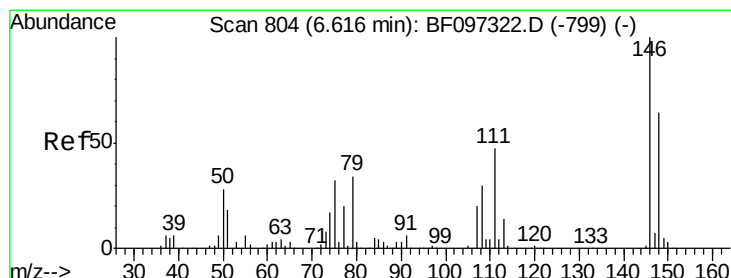
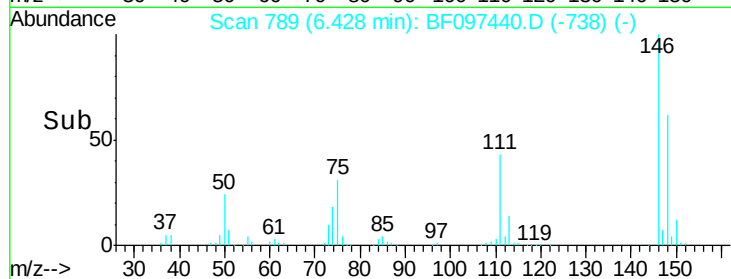
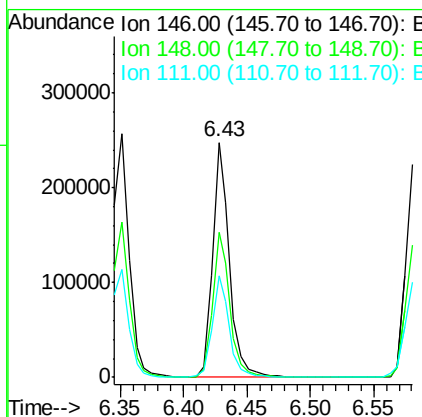
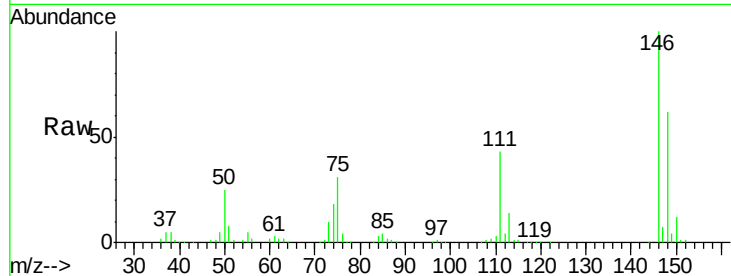




#13
 1,4-Dichlorobenzene
 Concen: 30.46 ng
 RT: 6.43 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

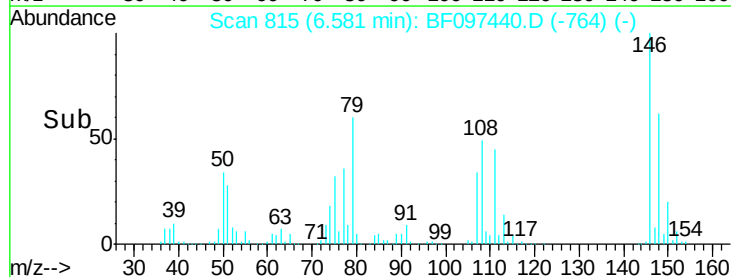
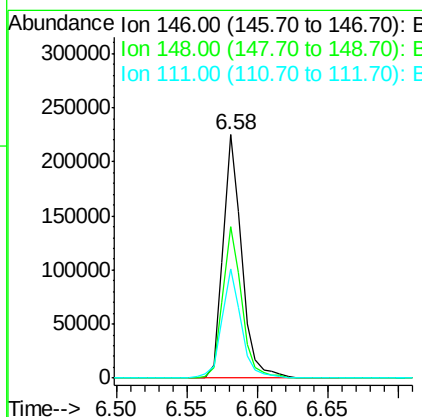
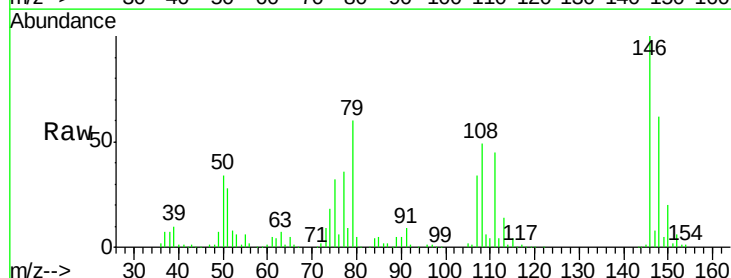
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMSD

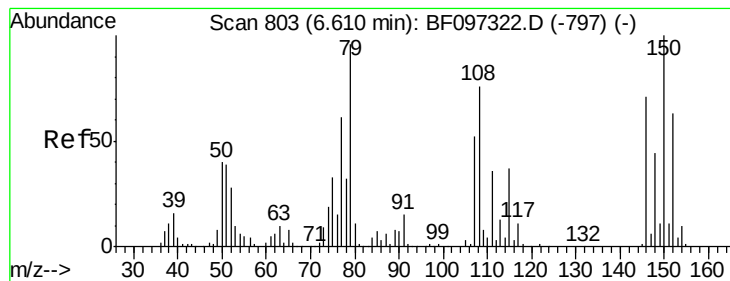
Tot Ion:146 Resp: 232276
 Ion Ratio Lower Upper
 146 100
 148 61.6 52.2 78.2
 111 43.5 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 31.07 ng
 RT: 6.58 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

Tgt Ion:146 Resp: 206858
 Ion Ratio Lower Upper
 146 100
 148 62.1 50.4 75.6
 111 44.8 38.2 57.4





#15

Benzyl Alcohol

Concen: 38.24 ng

RT: 6.58 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

TEC-BNMSD

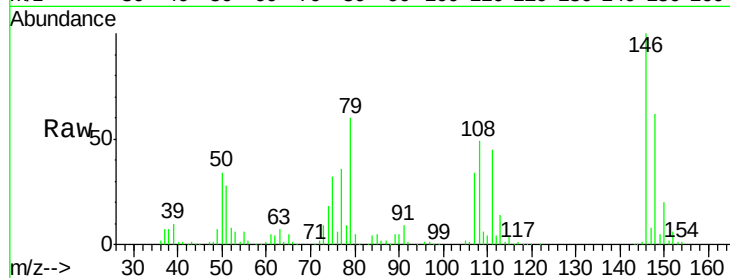
Tot Ion: 79 Resp: 184550

Ion Ratio Lower Upper

79 100

108 81.1 63.4 95.0

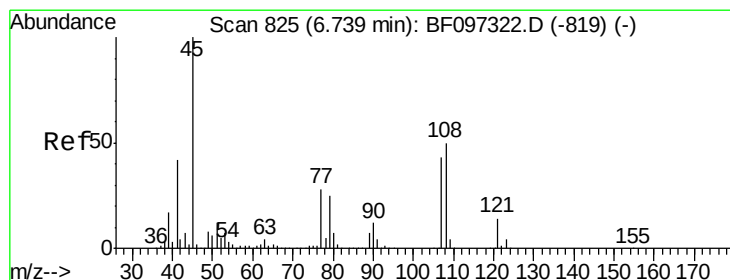
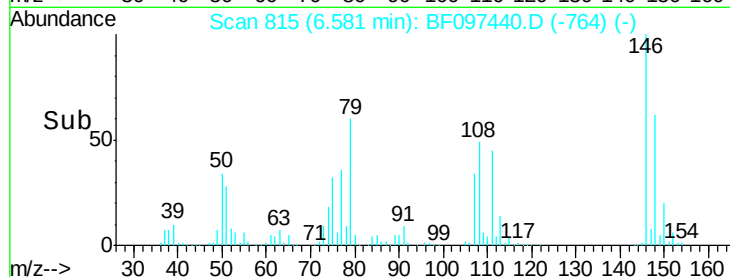
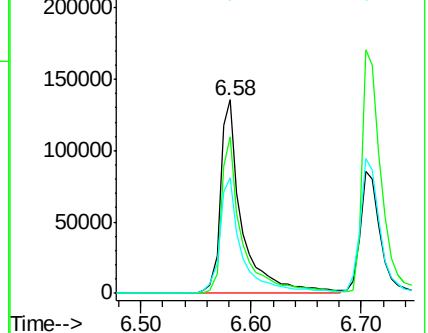
77 59.6 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.74 ng

RT: 6.70 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

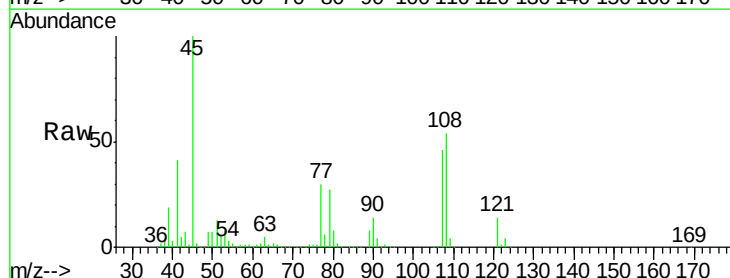
Tgt Ion: 45 Resp: 455360

Ion Ratio Lower Upper

45 100

77 29.8 0.0 33.2

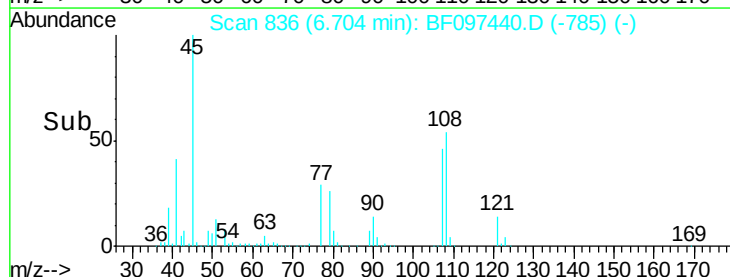
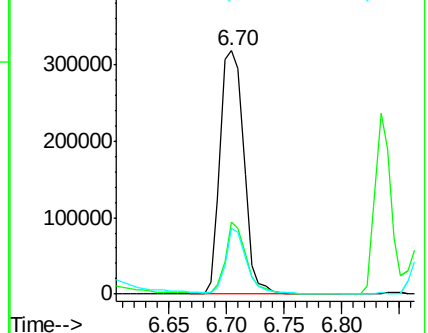
79 26.8 0.0 30.0

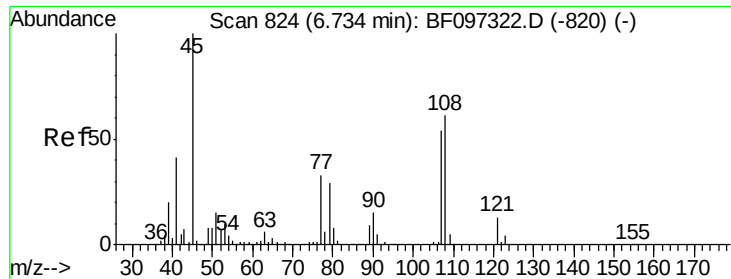


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

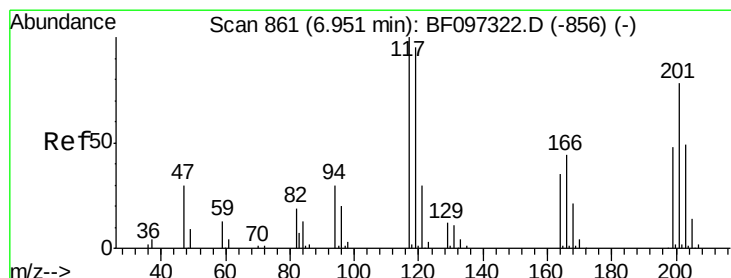
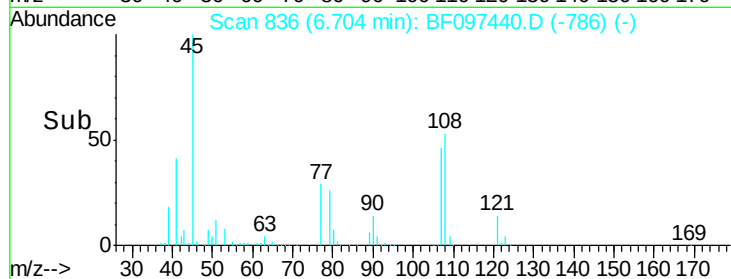
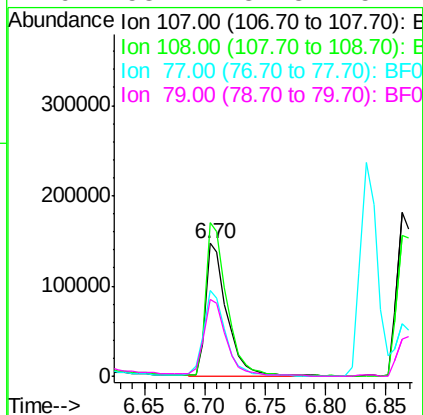
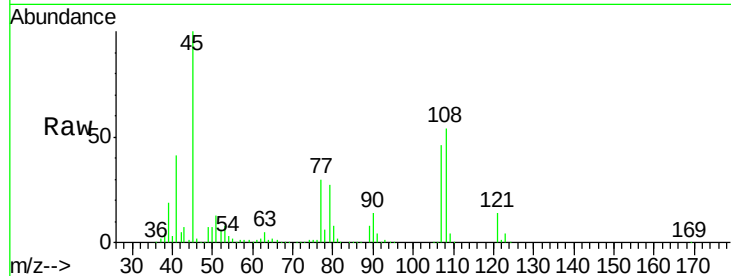




#17
2-Methylphenol
Concen: 32.10 ng
RT: 6.70 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

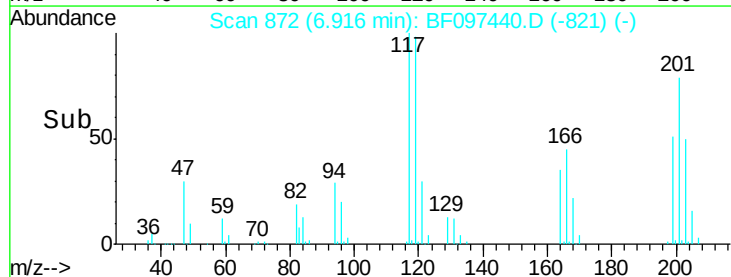
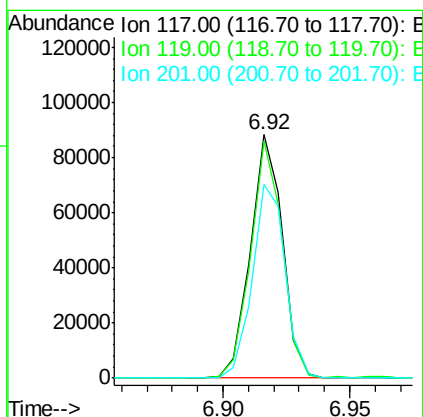
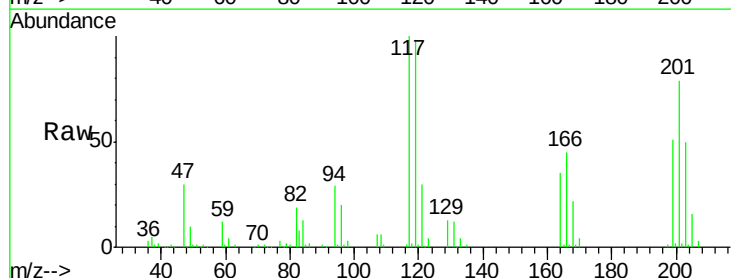
Instrument :
BNA_F
ClientSampleId :
TEC-BNMSD

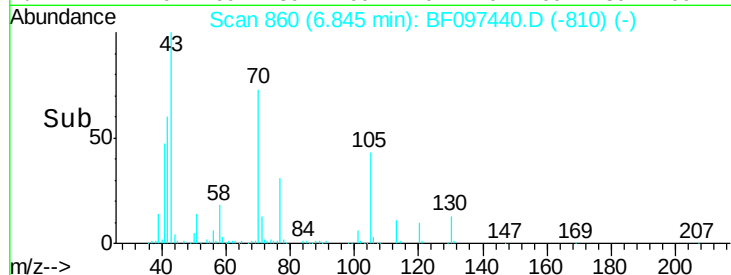
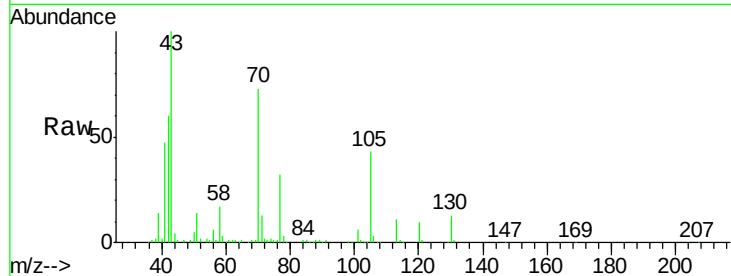
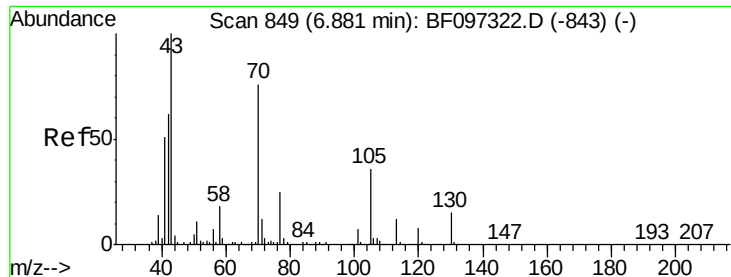
Tot Ion:107 Resp: 176910
Ion Ratio Lower Upper
107 100
108 116.1 93.4 140.0
77 64.5 35.8 53.6#
79 58.1 34.8 52.2#



#18
Hexachloroethane
Concen: 27.77 ng
RT: 6.92 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

Tgt Ion:117 Resp: 77486
Ion Ratio Lower Upper
117 100
119 97.6 77.4 116.0
201 79.3 94.6 141.8#

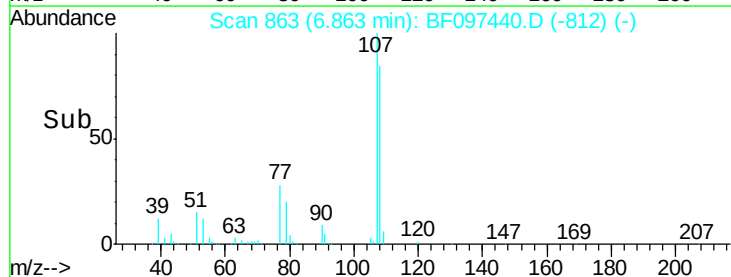
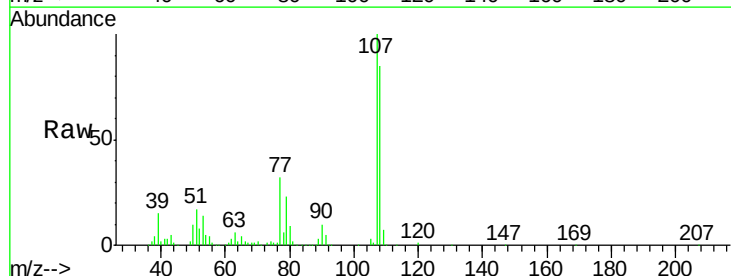
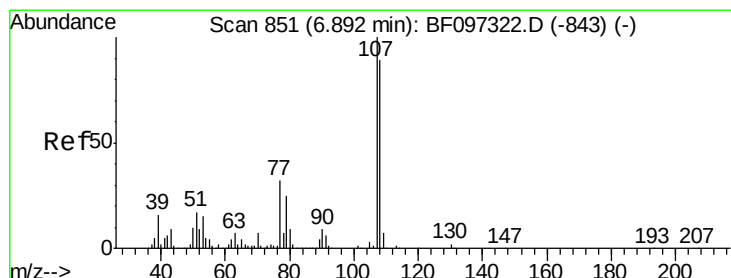
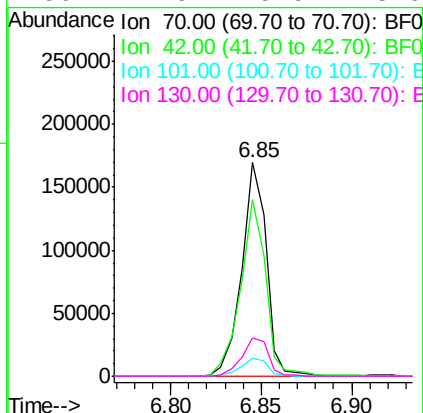




#19
n-Nitroso-di-n-propylamine
Concen: 31.84 ng
RT: 6.85 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

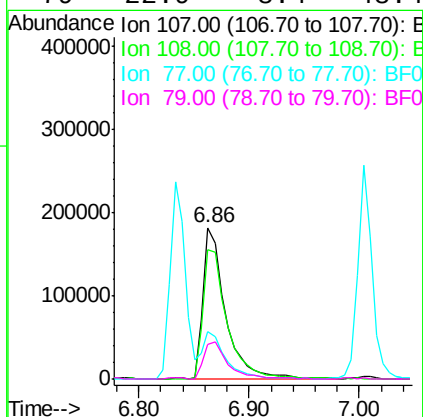
Instrument :
BNA_F
ClientSampleId :
TEC-BNMSD

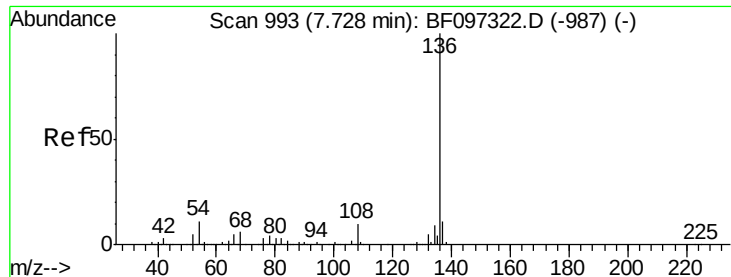
Tot Ion: 70 Resp: 159787
Ion Ratio Lower Upper
70 100
42 82.5 47.2 70.8#
101 8.7 7.2 10.8
130 17.9 15.9 23.9



#20
3+4-Methylphenols
Concen: 34.18 ng
RT: 6.86 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

Tgt Ion:107 Resp: 245992
Ion Ratio Lower Upper
107 100
108 85.3 71.0 111.0
77 31.6 90.5 130.5#
79 22.9 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.70 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

TEC-BNMSD

Tot Ion:136 Resp: 399903

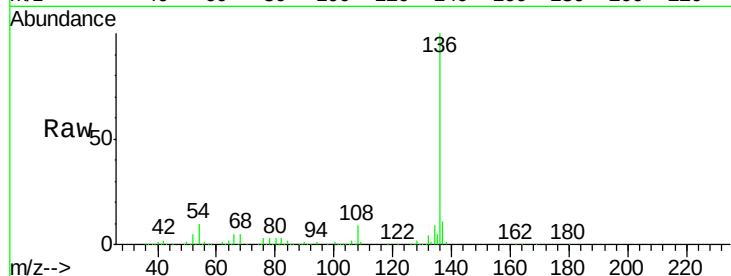
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.0 4.9 7.3#

68 5.5 4.1 6.1

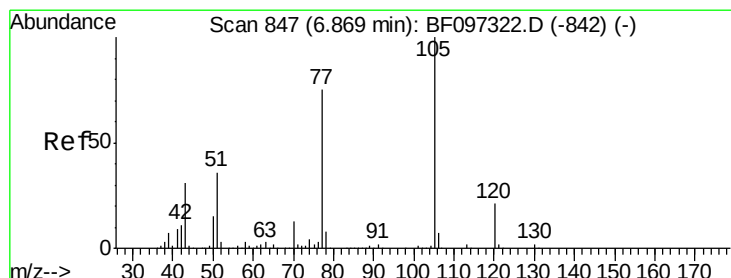
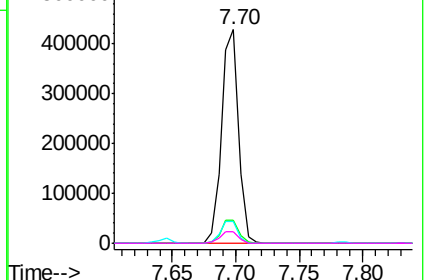
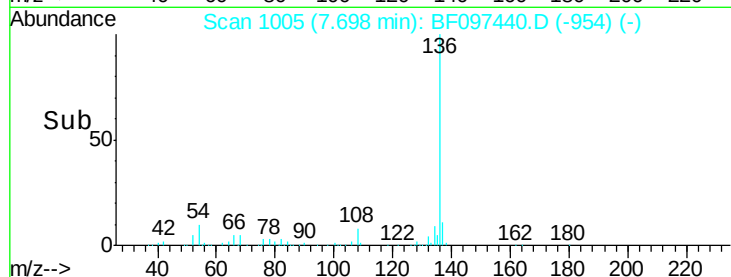


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.50 ng

RT: 6.83 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

Tgt Ion:105 Resp: 312071

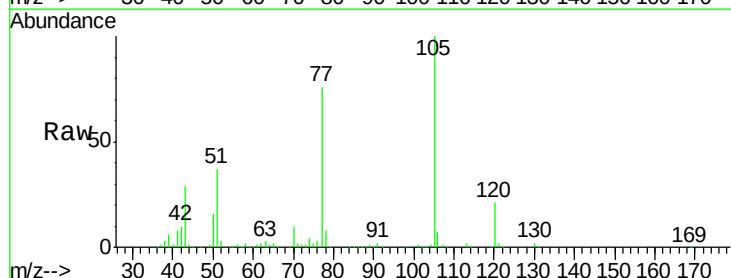
Ion Ratio Lower Upper

105 100

71 1.7 2.8 4.2#

51 37.0 30.7 46.1

120 21.0 17.4 26.0

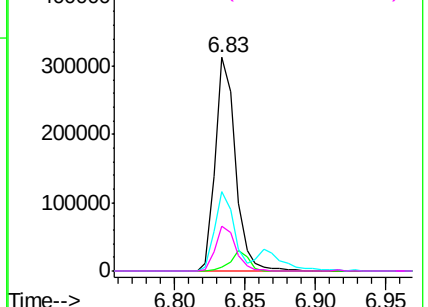
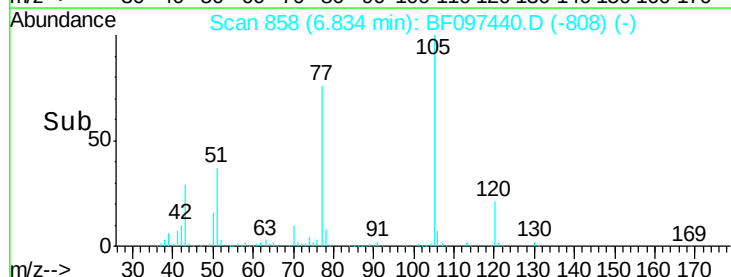


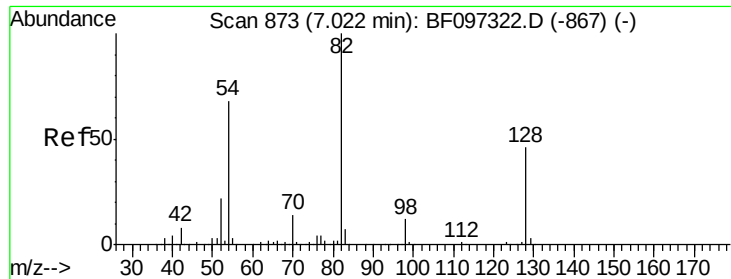
Abundance Ion 105.00 (104.70 to 105.70): E

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

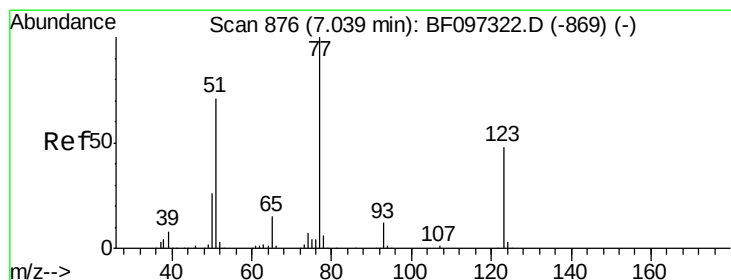
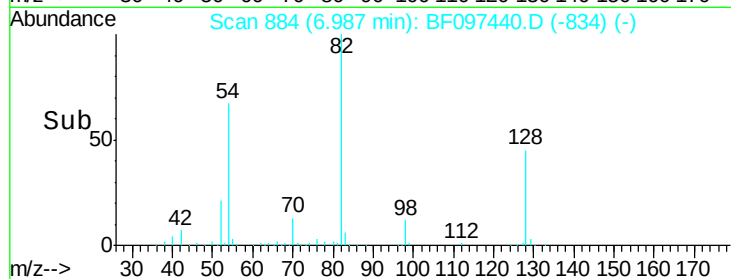
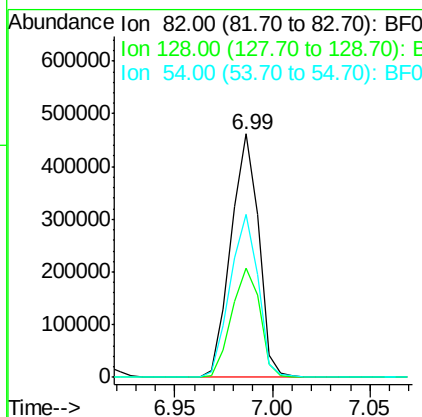
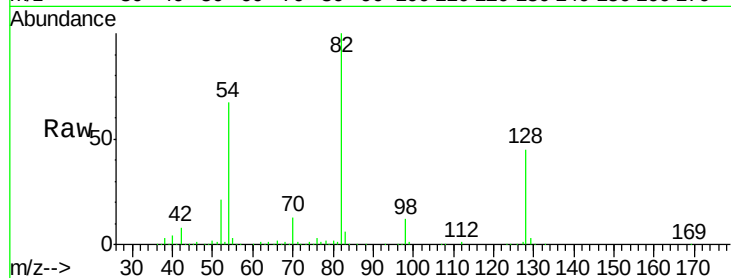




#23
 Nitrobenzene-d5
 Concen: 67.04 ng
 RT: 6.99 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

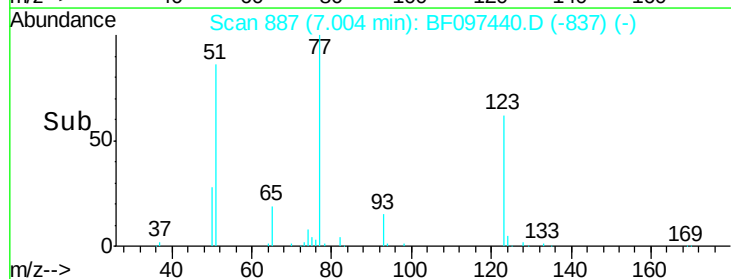
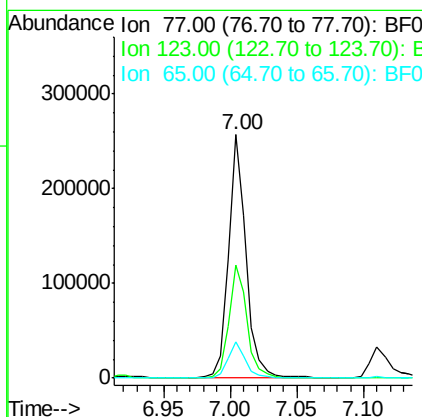
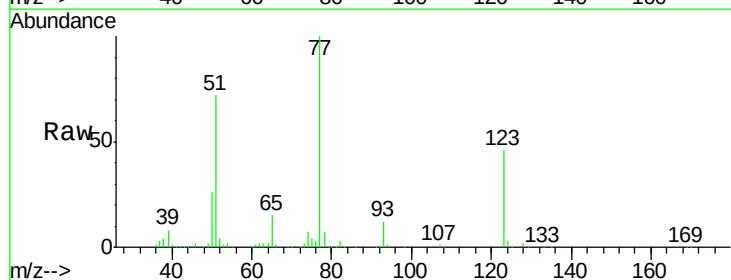
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMSD

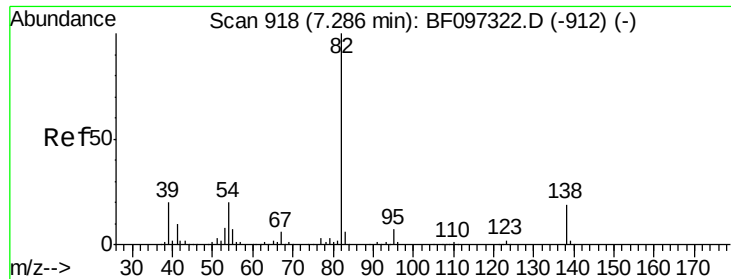
Tot Ion: 82 Resp: 457015
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.0 51.0
 54 67.2 42.2 63.2#



#24
 Nitrobenzene
 Concen: 33.33 ng
 RT: 7.00 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

Tgt Ion: 77 Resp: 236639
 Ion Ratio Lower Upper
 77 100
 123 46.5 35.8 53.8
 65 14.7 10.6 15.8

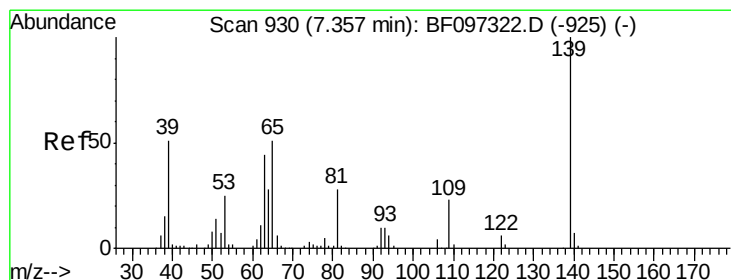
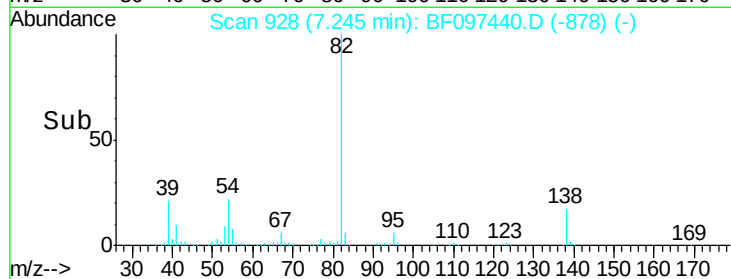
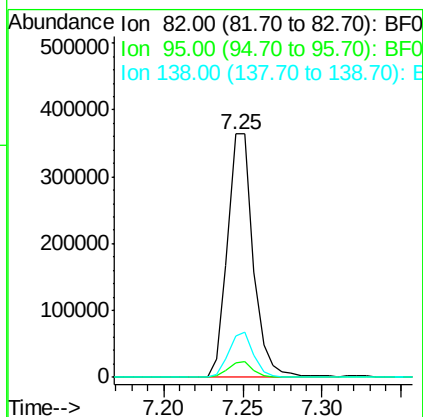
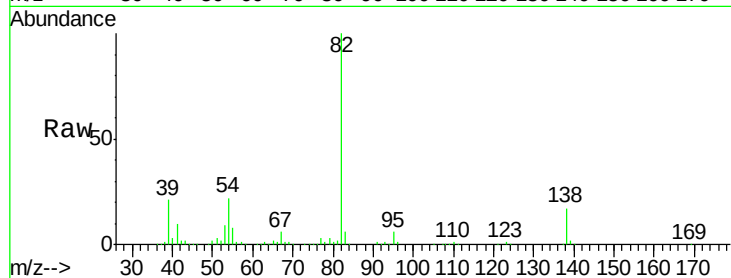




#25
Isophorone
Concen: 30.93 ng
RT: 7.25 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

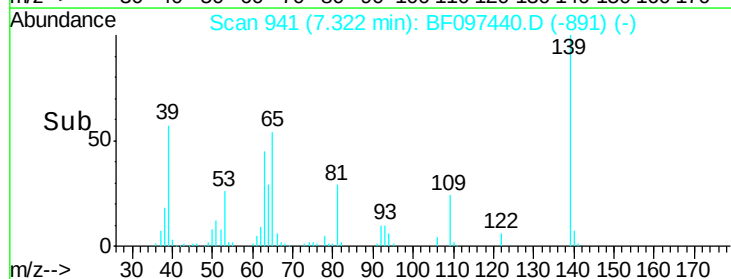
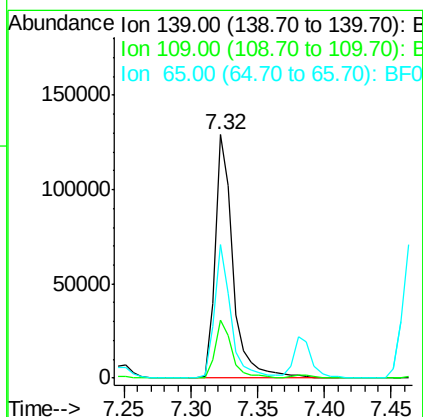
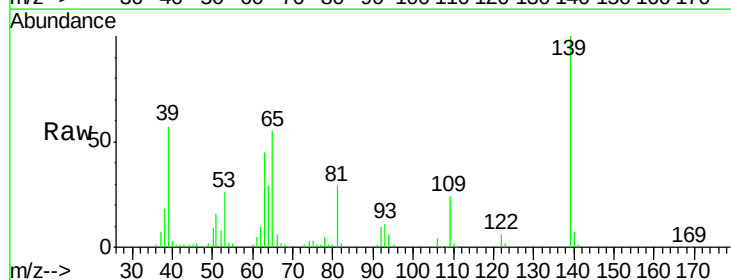
Instrument :
BNA_F
ClientSampleId :
TEC-BNMSD

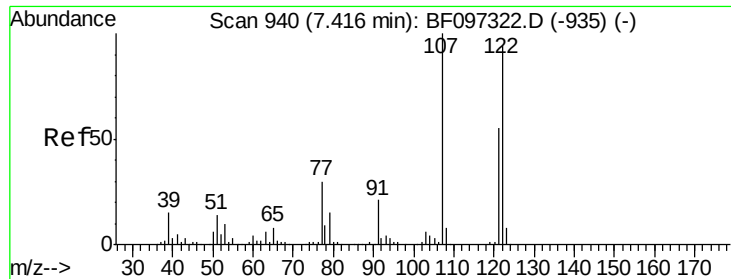
Tot Ion: 82 Resp: 412865
Ion Ratio Lower Upper
82 100
95 6.1 5.3 7.9
138 16.7 13.1 19.7



#26
2-Nitrophenol
Concen: 31.71 ng
RT: 7.32 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

Tgt Ion: 139 Resp: 121796
Ion Ratio Lower Upper
139 100
109 23.9 21.0 31.6
65 54.9 33.0 49.6#

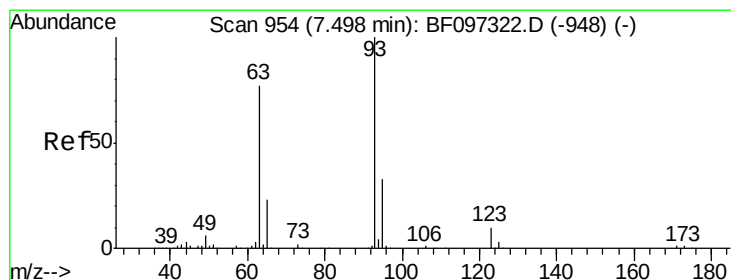
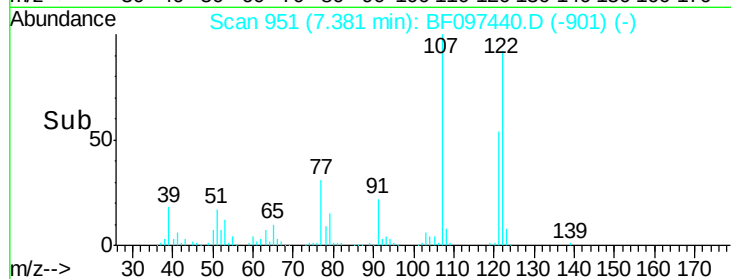
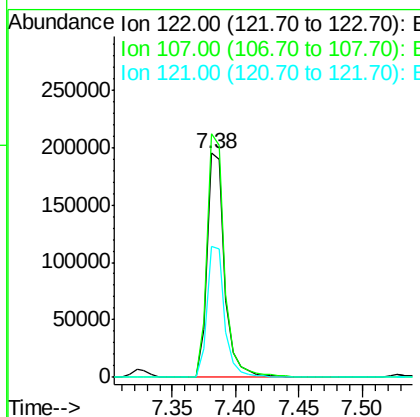
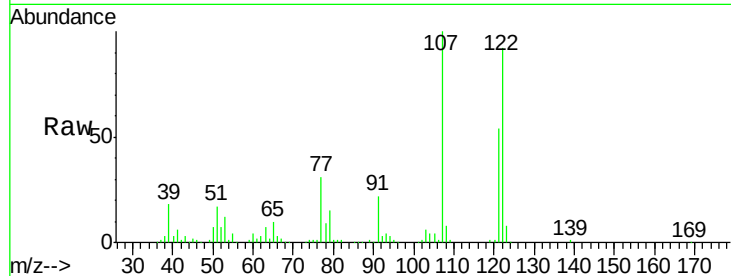




#27
 2,4-Dimethylphenol
 Concen: 30.21 ng
 RT: 7.38 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

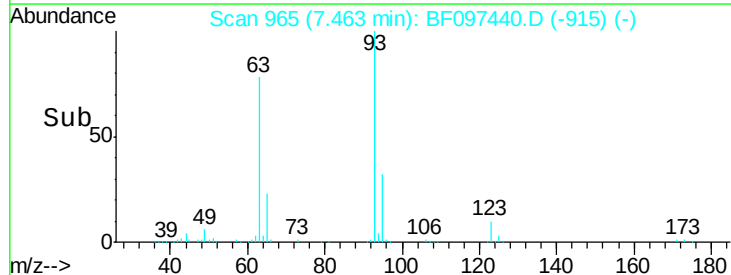
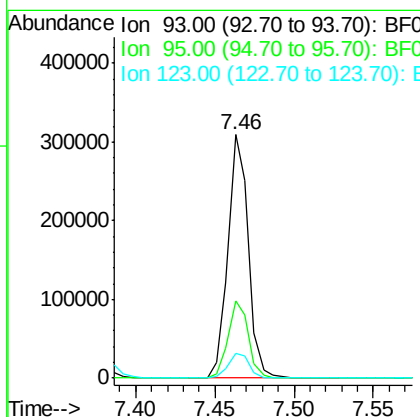
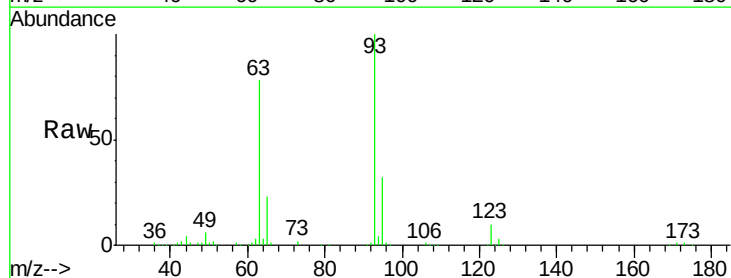
Instrument :
 BNA_F
 ClientSampled :
 TEC-BNMSD

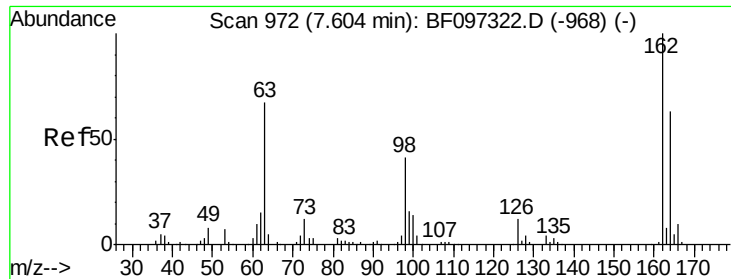
Tot Ion:122 Resp: 191412
 Ion Ratio Lower Upper
 122 100
 107 108.5 89.2 133.8
 121 58.6 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 31.51 ng
 RT: 7.46 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

Tgt Ion: 93 Resp: 274530
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.5 39.7
 123 10.0 9.0 13.4

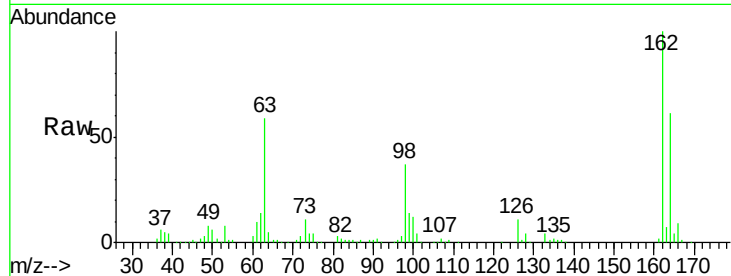




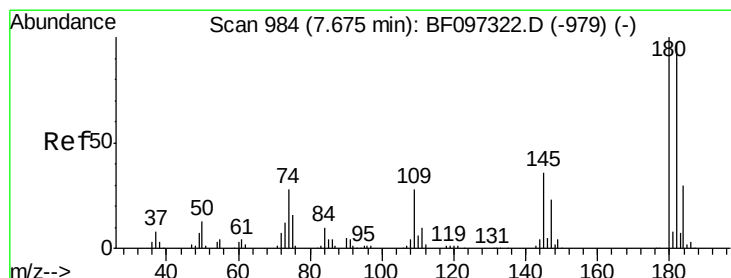
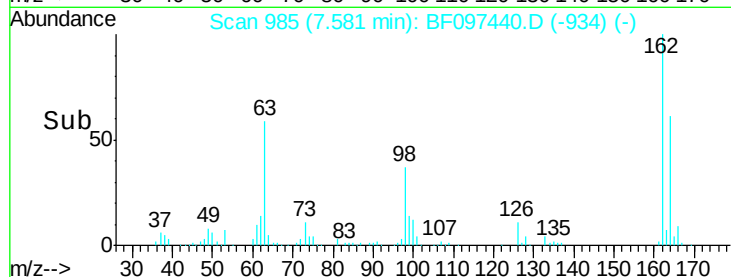
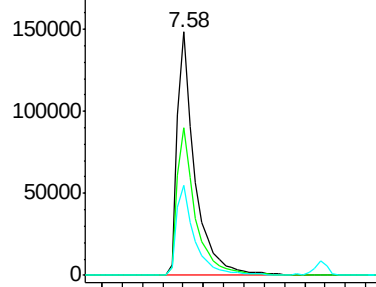
#29
 2,4-Dichlorophenol
 Concen: 32.59 ng
 RT: 7.58 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMSD

Tot Ion:162 Resp: 177871
 Ion Ratio Lower Upper
 162 100
 164 60.8 44.6 84.6
 98 37.2 14.8 54.8

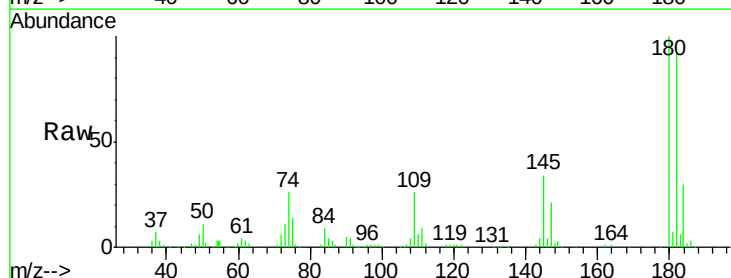


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

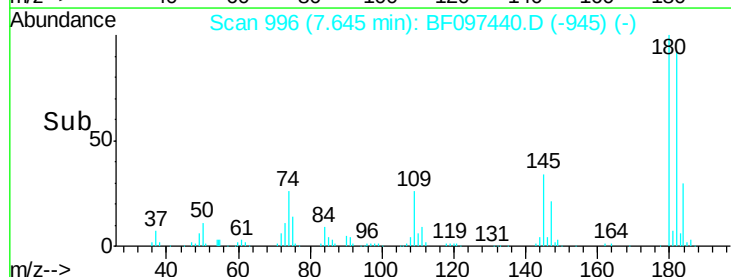
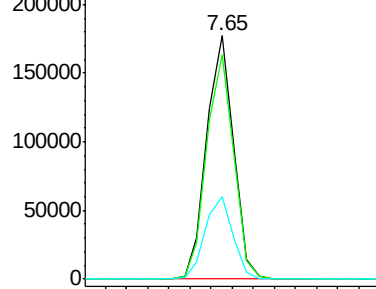


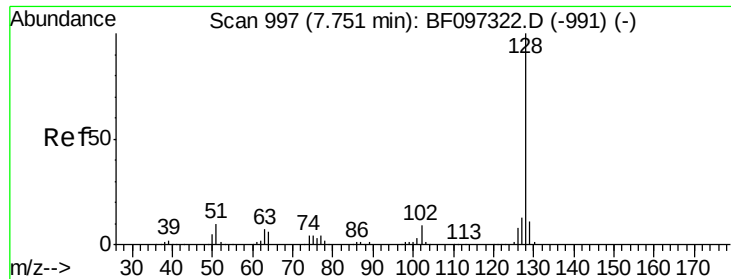
#30
 1,2,4-Trichlorobenzene
 Concen: 29.93 ng
 RT: 7.65 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

Tgt Ion:180 Resp: 155709
 Ion Ratio Lower Upper
 180 100
 182 92.0 75.8 113.6
 145 33.7 25.3 37.9



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

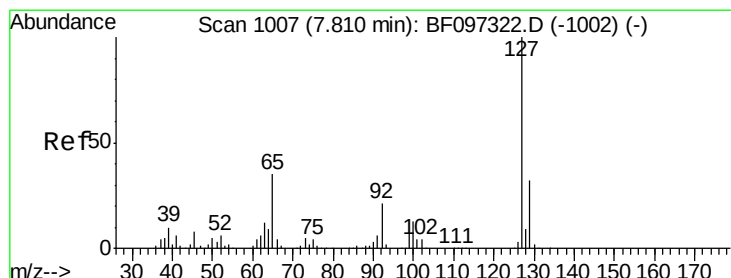
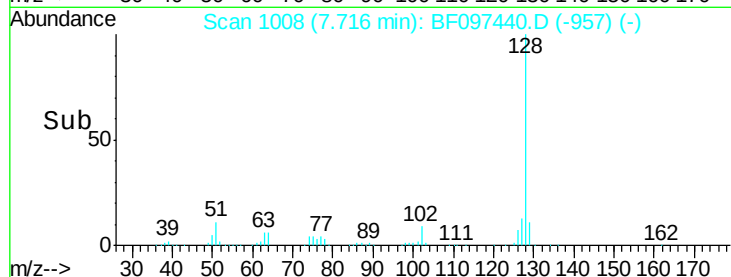
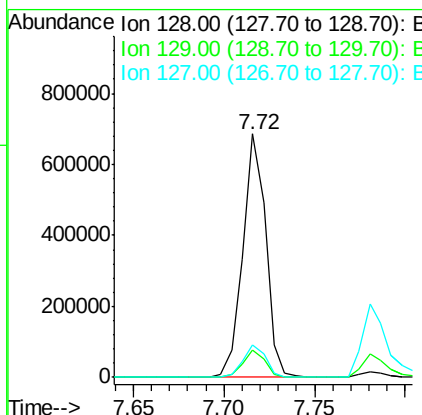
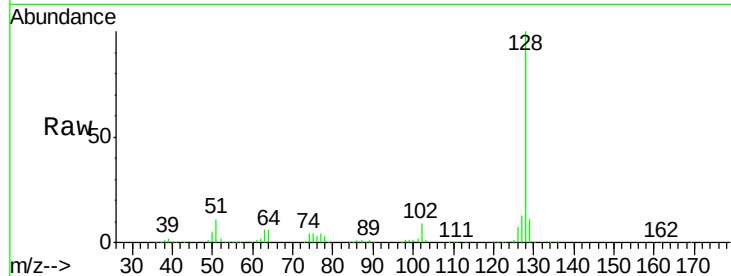




#31
Naphthalene
Concen: 31.98 ng
RT: 7.72 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

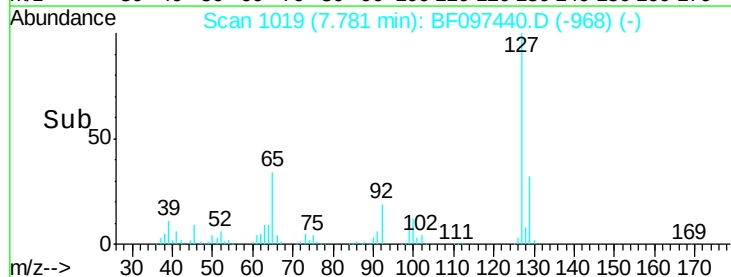
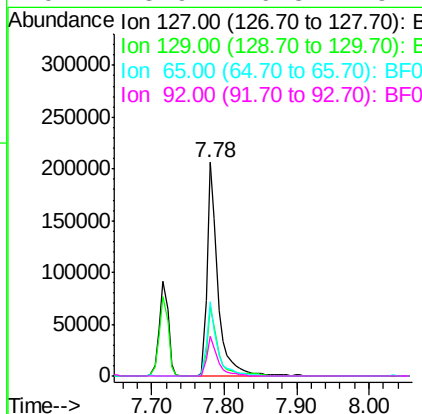
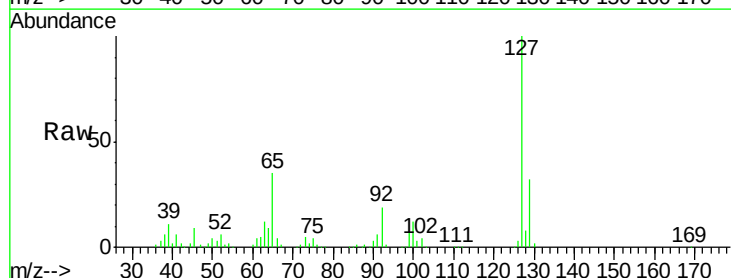
Instrument :
BNA_F
ClientSampleId :
TEC-BNMSD

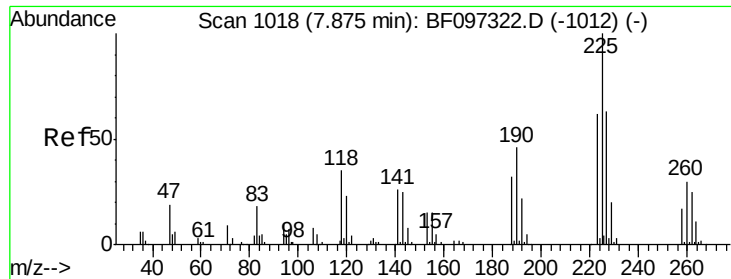
Tot Ion:128 Resp: 602797
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.4 10.8 16.2



#33
4-Chloroaniline
Concen: 28.04 ng
RT: 7.78 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

Tgt Ion:127 Resp: 215093
Ion Ratio Lower Upper
127 100
129 32.1 26.2 39.2
65 34.5 27.8 41.8
92 18.9 16.8 25.2





#34

Hexachlorobutadiene

Concen: 28.58 ng

RT: 7.84 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

TEC-BNMSD

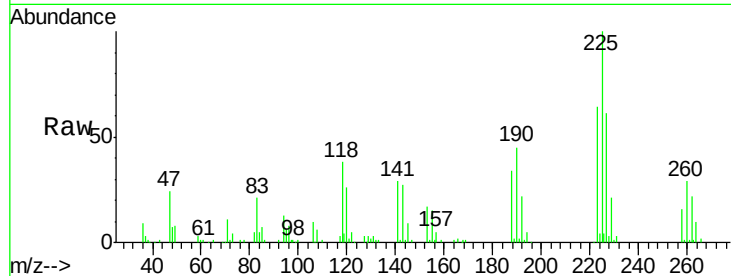
Tot Ion:225 Resp: 78835

Ion Ratio Lower Upper

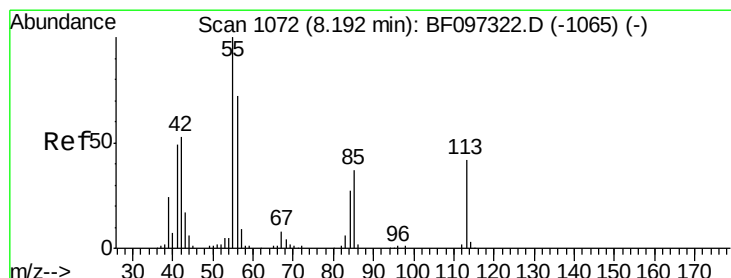
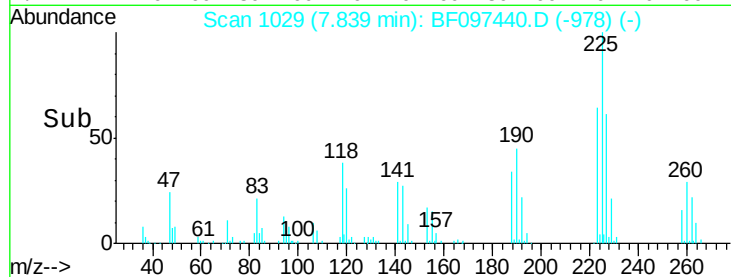
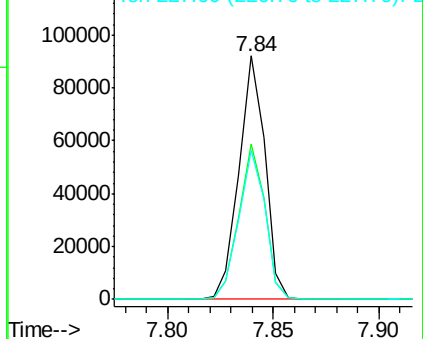
225 100

223 63.8 48.8 73.2

227 61.2 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: 36.31 ng

RT: 8.15 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

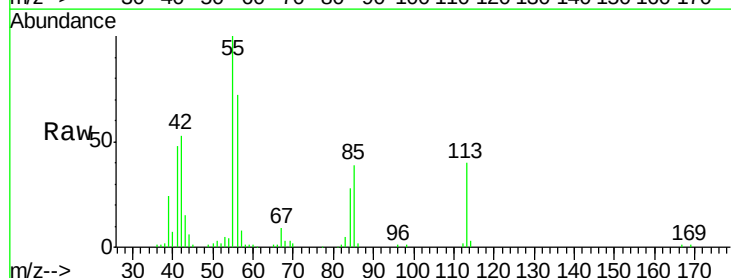
Tgt Ion:113 Resp: 63557

Ion Ratio Lower Upper

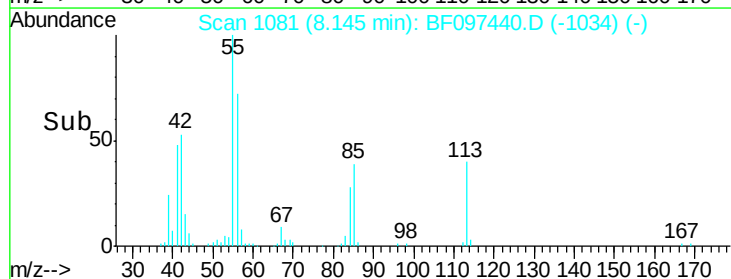
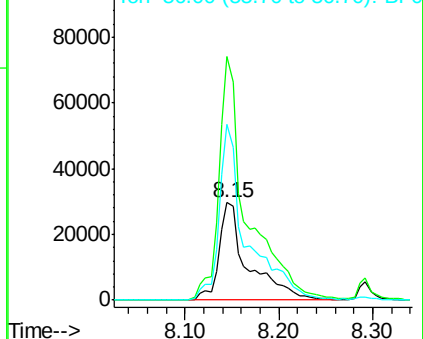
113 100

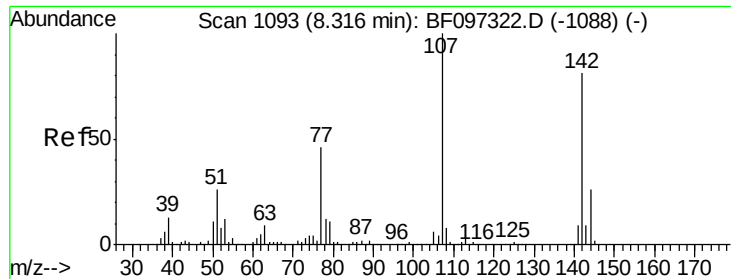
55 250.0 150.2 190.2#

56 180.0 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

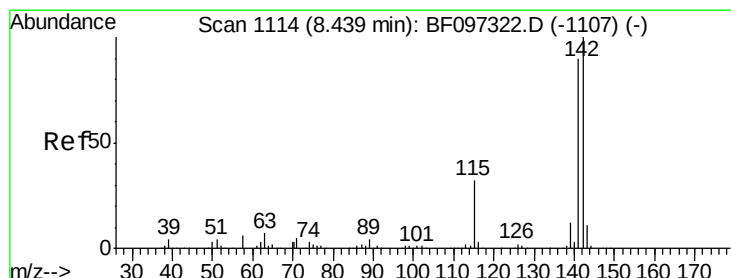
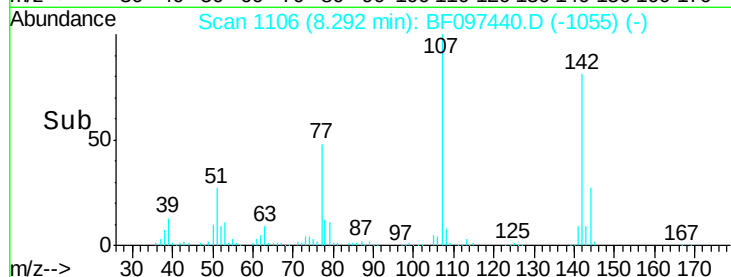
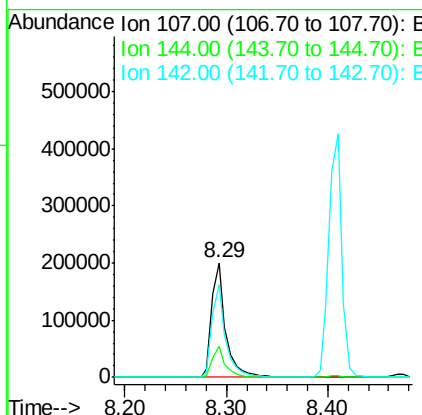
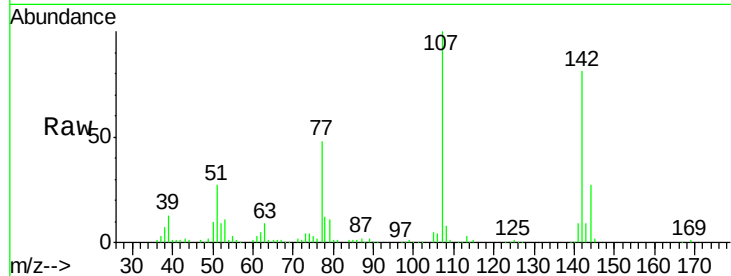




#36
 4-Chloro-3-methylphenol
 Concen: 32.38 ng
 RT: 8.29 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

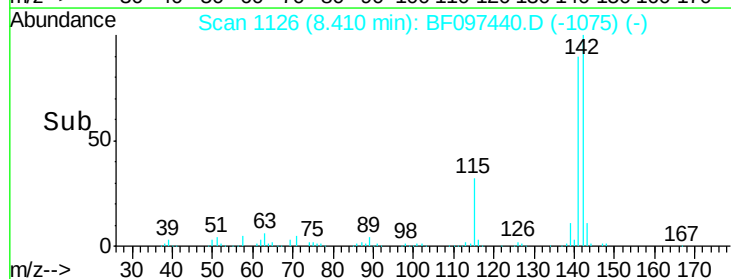
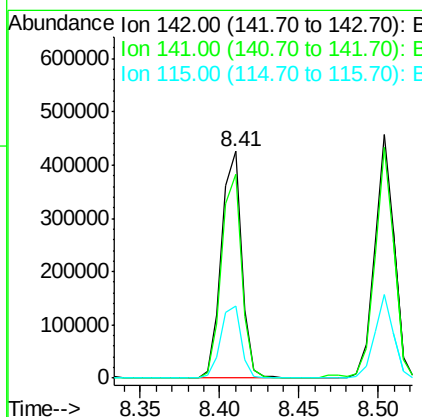
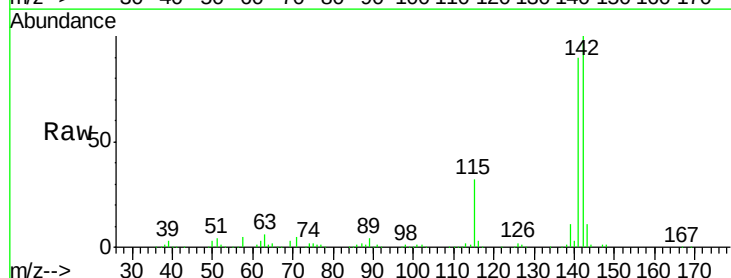
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMSD

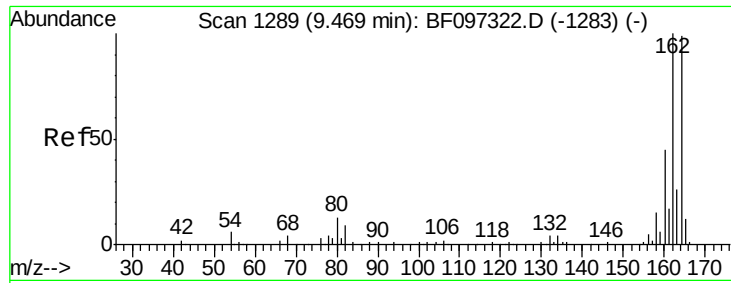
Tot Ion:107 Resp: 192839
 Ion Ratio Lower Upper
 107 100
 144 26.9 24.2 36.4
 142 80.9 73.4 110.0



#37
 2-Methylnaphthalene
 Concen: 31.60 ng
 RT: 8.41 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

Tgt Ion:142 Resp: 377191
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.3 106.9
 115 31.9 27.1 40.7

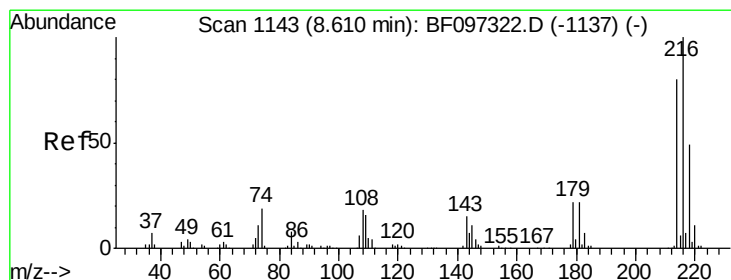
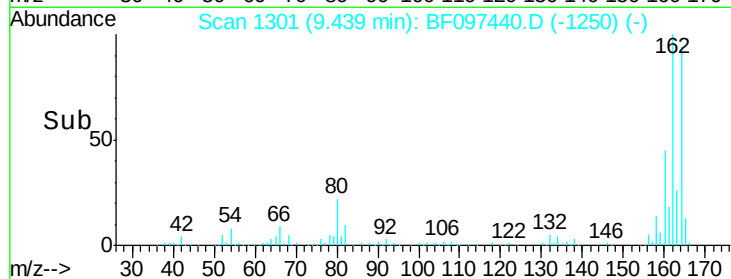
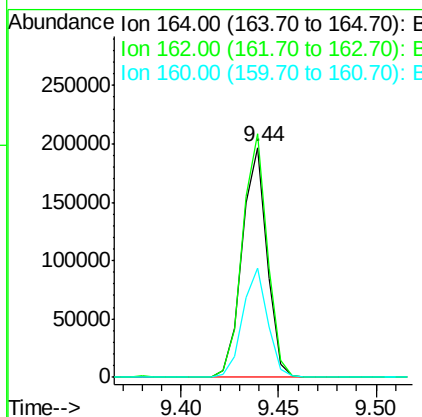
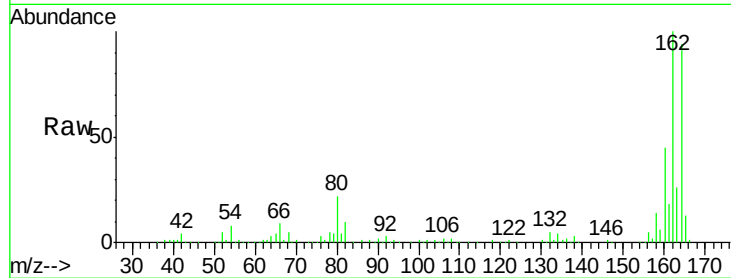




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.44 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

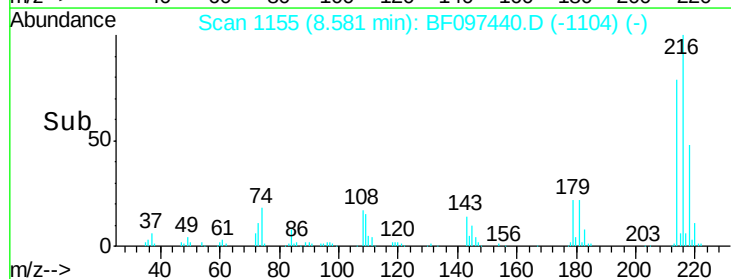
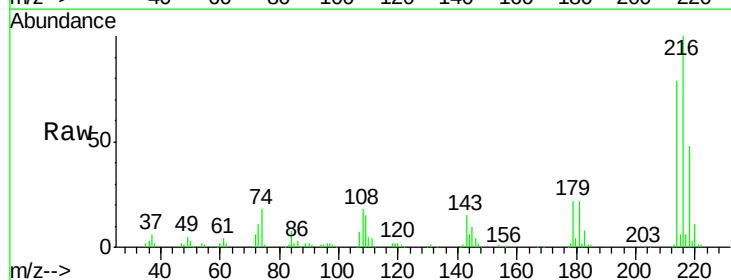
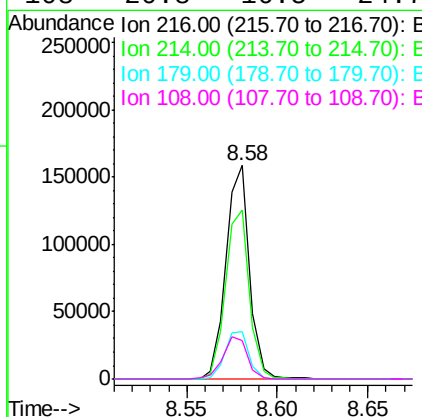
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMSD

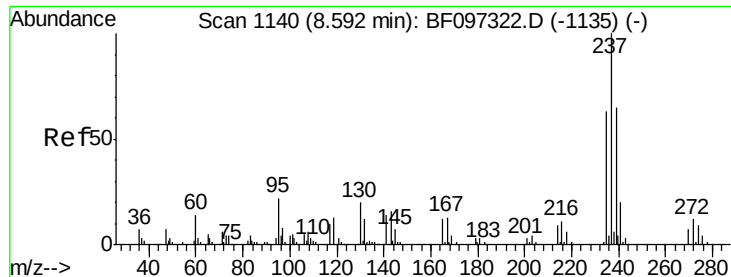
Tot Ion:164 Resp: 174201
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.6 123.8
 160 47.4 36.2 54.2



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.90 ng
 RT: 8.58 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

Tgt Ion:216 Resp: 143624
 Ion Ratio Lower Upper
 216 100
 214 80.1 63.4 95.2
 179 22.9 17.9 26.9
 108 20.8 16.5 24.7

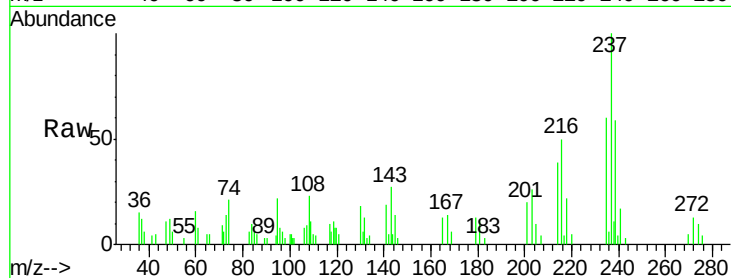




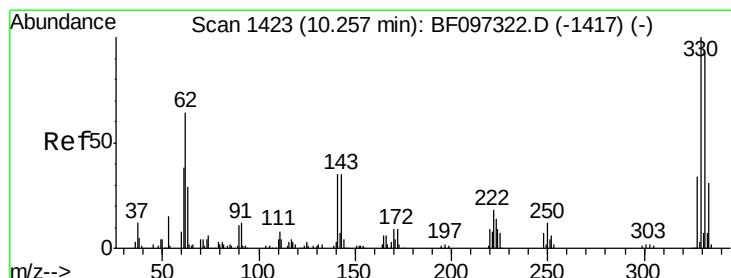
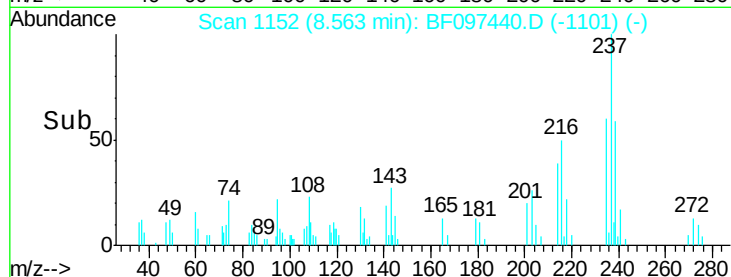
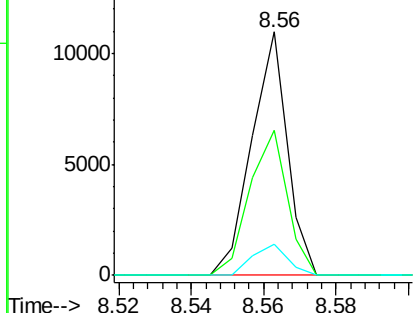
#40
Hexachlorocyclopentadiene
Concen: 10.81 ng
RT: 8.56 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

Instrument :
BNA_F
ClientSampleId :
TEC-BNMSD

Tot Ion:237 Resp: 7470
Ion Ratio Lower Upper
237 100
235 59.8 42.6 82.6
272 12.7 0.0 31.9

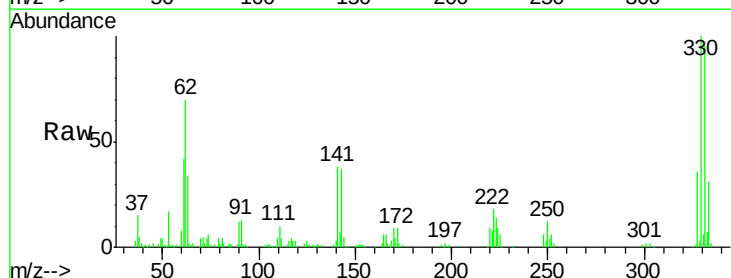


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

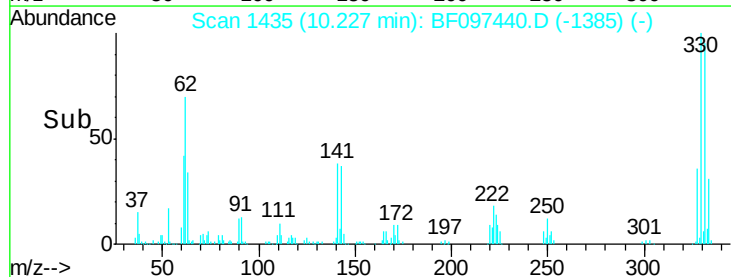
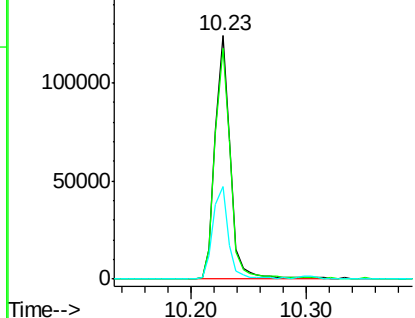


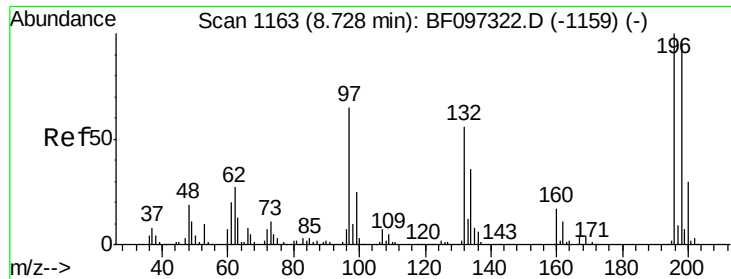
#41
2,4,6-Tribromophenol
Concen: 82.86 ng
RT: 10.23 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

Tgt Ion:330 Resp: 114045
Ion Ratio Lower Upper
330 100
332 96.9 76.6 115.0
141 39.1 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

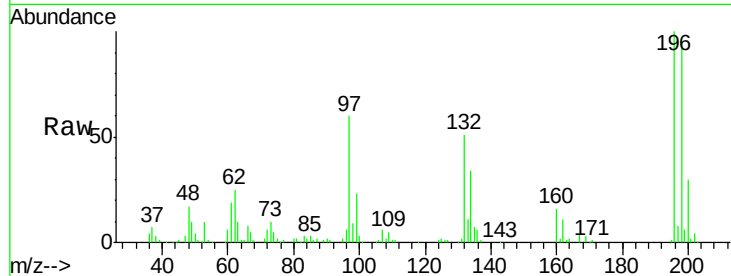




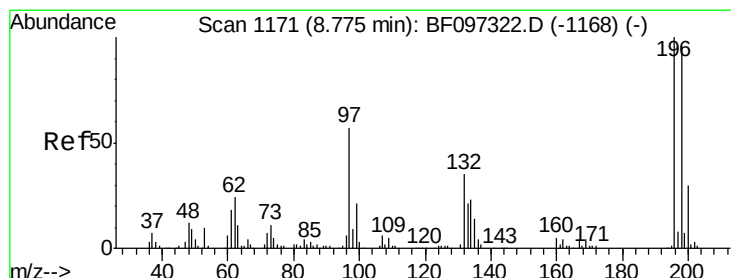
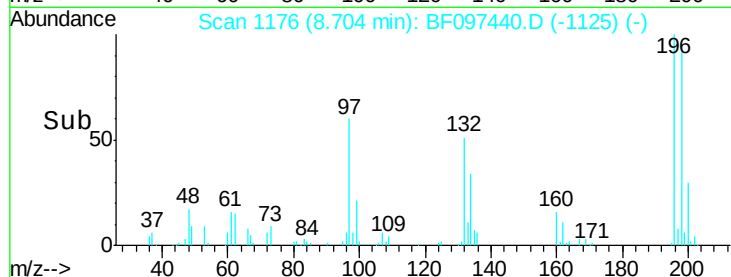
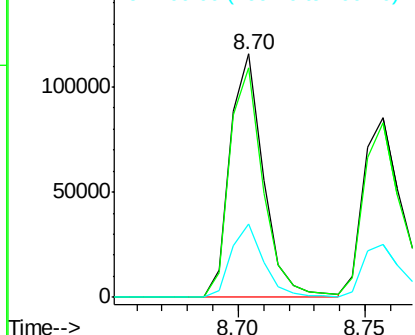
#42
2,4,6-Trichlorophenol
Concen: 31.40 ng
RT: 8.70 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

Instrument :
BNA_F
ClientSampleId :
TEC-BNMSD

Tot Ion:196 Resp: 105772
Ion Ratio Lower Upper
196 100
198 94.5 74.2 111.4
200 30.1 24.0 36.0



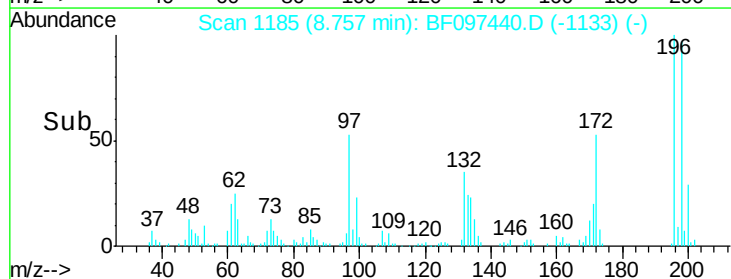
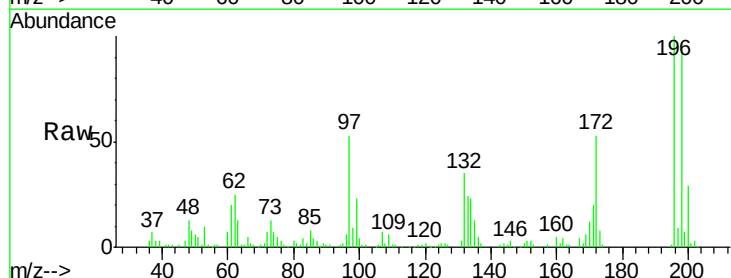
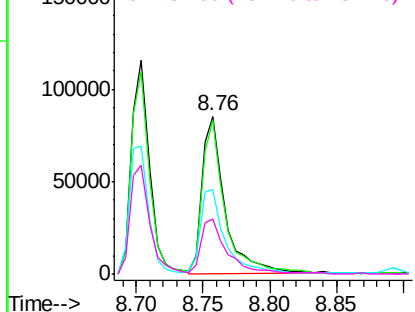
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

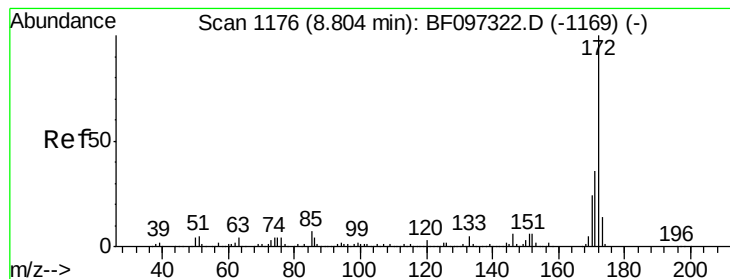


#43
2,4,5-Trichlorophenol
Concen: 30.11 ng
RT: 8.76 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

Tgt Ion:196 Resp: 101517
Ion Ratio Lower Upper
196 100
198 97.2 75.7 113.5
97 53.4 47.7 71.5
132 35.1 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

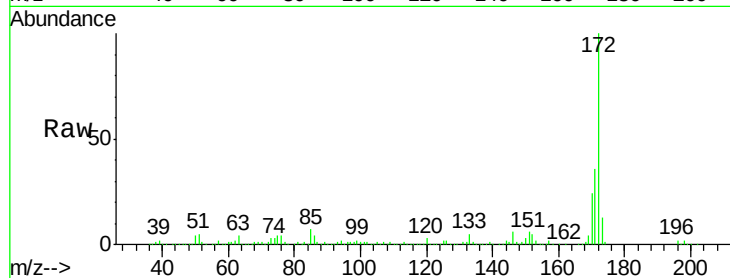




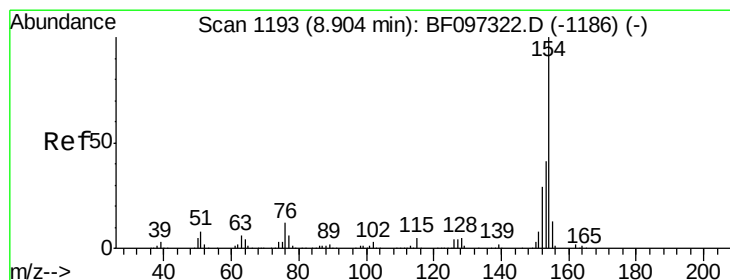
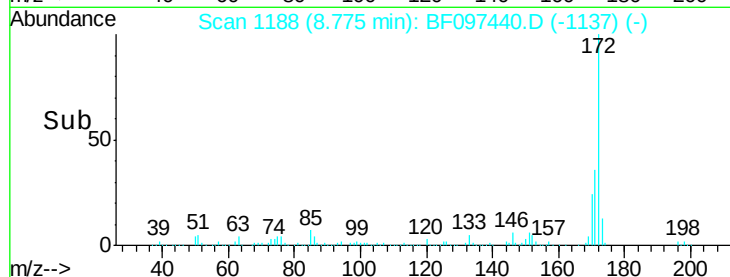
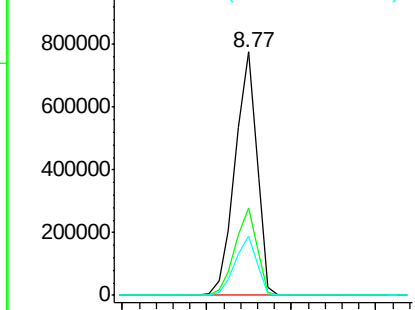
#44
2-Fluorobiphenyl
Concen: 67.79 ng
RT: 8.77 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

Instrument :
BNA_F
ClientSampleId :
TEC-BNMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.5	19.8	29.8

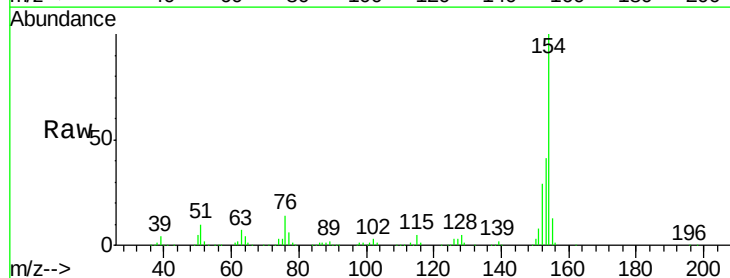


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

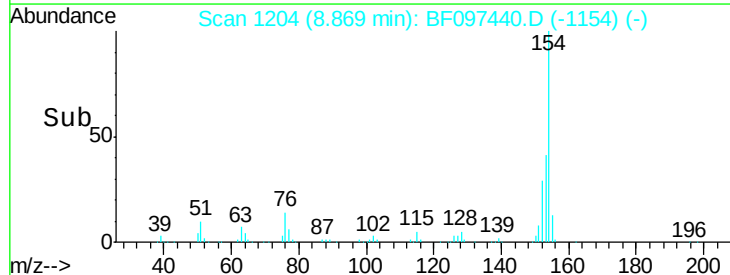
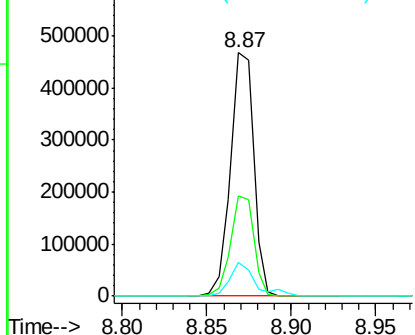


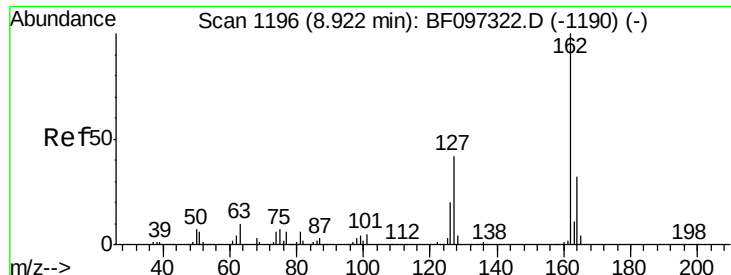
#45
1,1'-Biphenyl
Concen: 30.11 ng
RT: 8.87 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.2	61.2
76	13.9	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

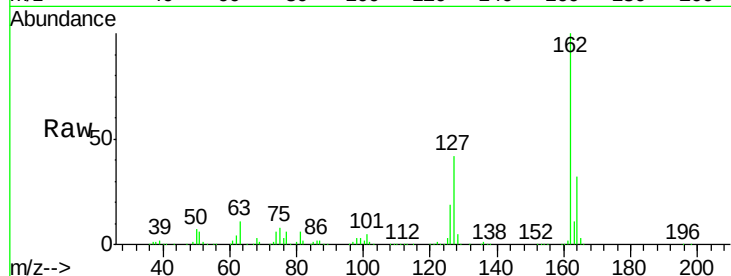




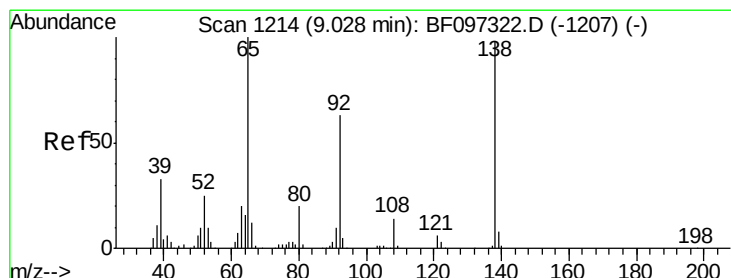
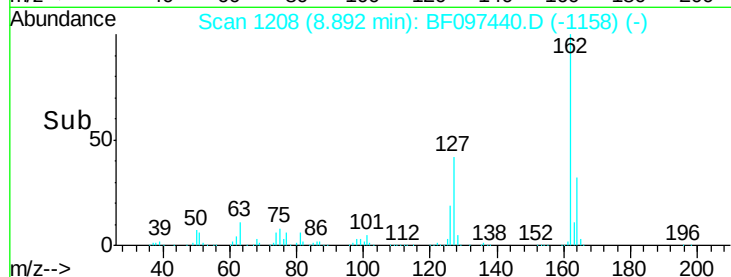
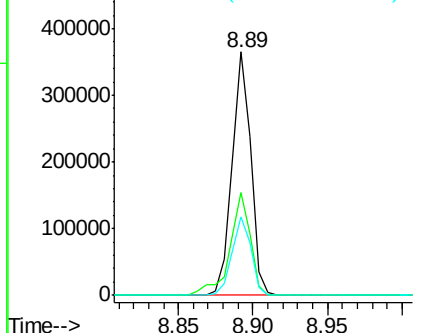
#46
 2-Chloronaphthalene
 Concen: 29.91 ng
 RT: 8.89 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	28.3	42.5
164	32.4	27.0	40.4

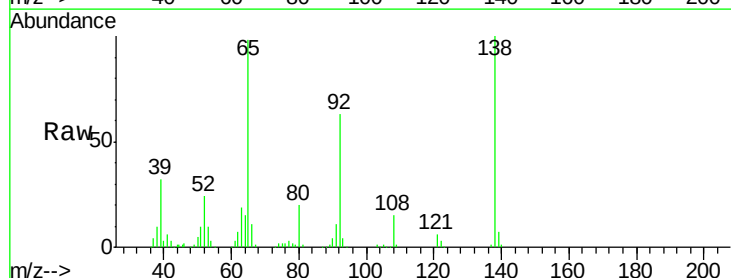


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

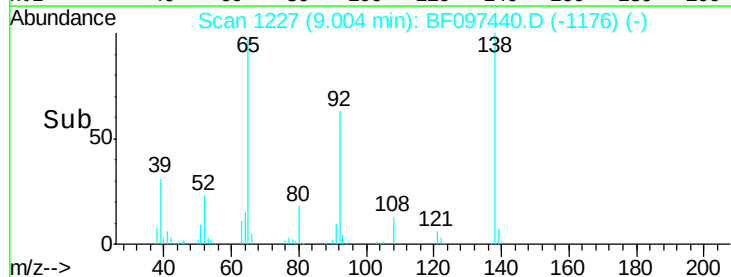
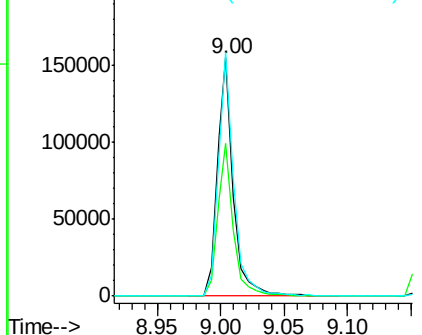


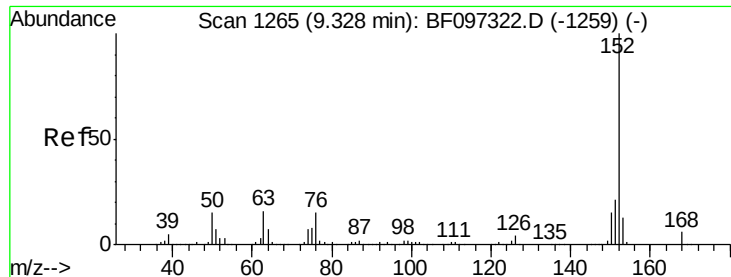
#47
 2-Nitroaniline
 Concen: 34.41 ng
 RT: 9.00 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.4	53.9	80.9
138	102.3	78.8	118.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 32.60 ng

RT: 9.30 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

TEC-BNMSD

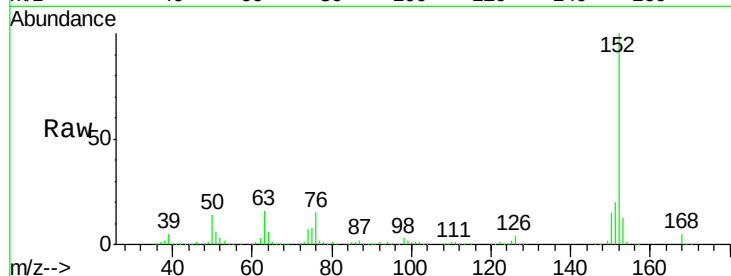
Tot Ion:152 Resp: 547962

Ion Ratio Lower Upper

152 100

151 20.0 16.8 25.2

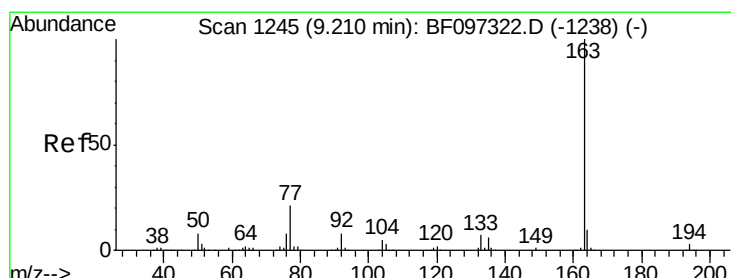
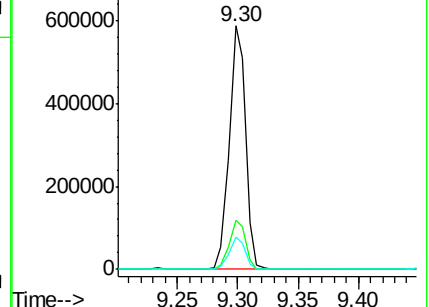
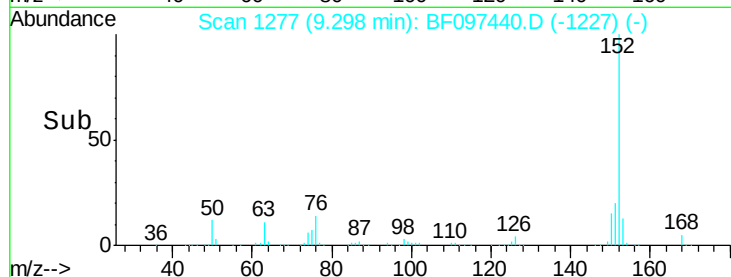
153 13.1 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 39.43 ng

RT: 9.18 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

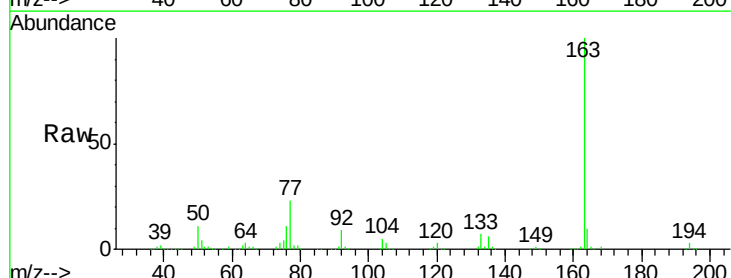
Tgt Ion:163 Resp: 521587

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

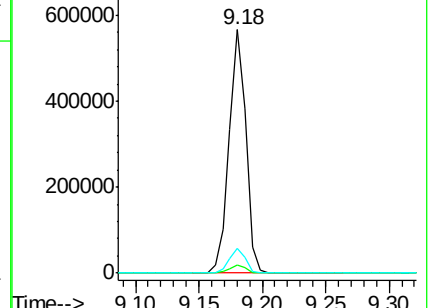
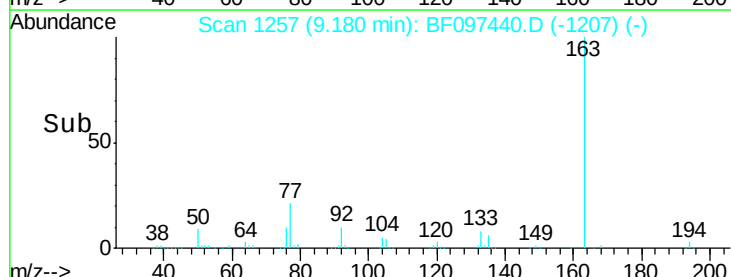
164 10.2 8.4 12.6

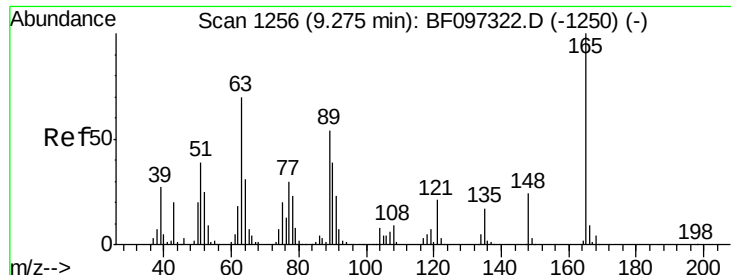


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

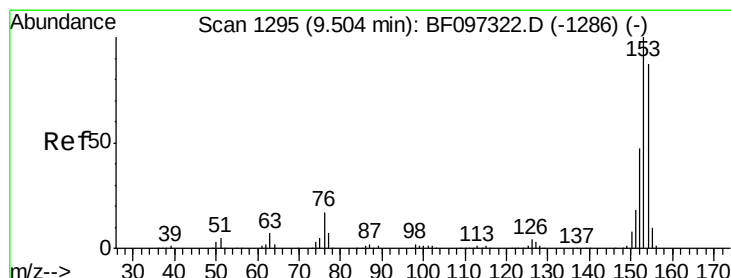
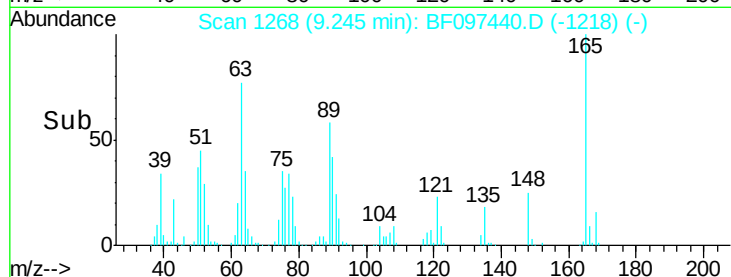
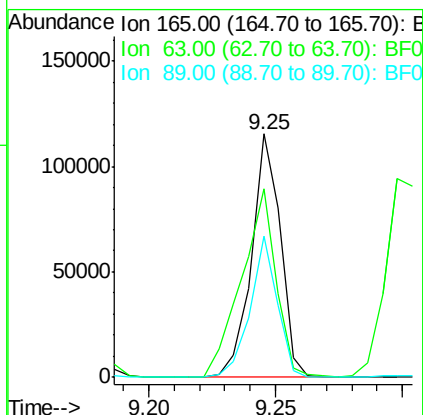
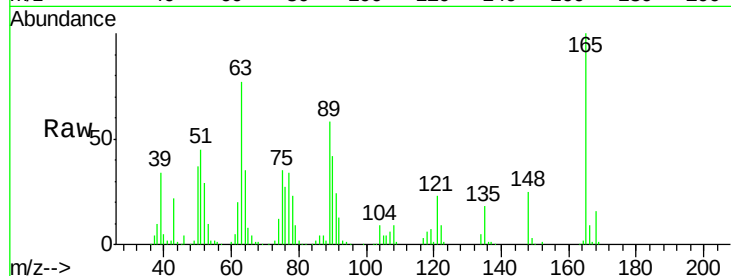




#50
 2,6-Dinitrotoluene
 Concen: 32.69 ng
 RT: 9.25 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

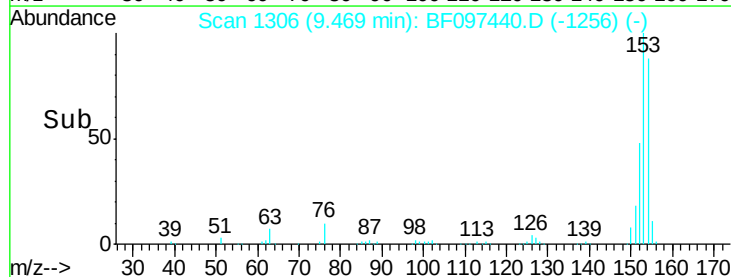
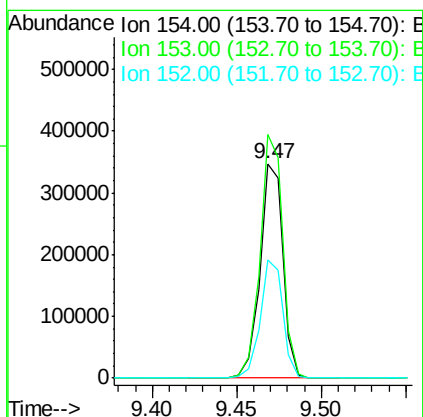
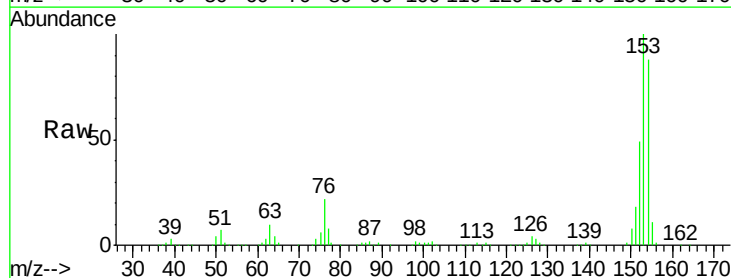
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMSD

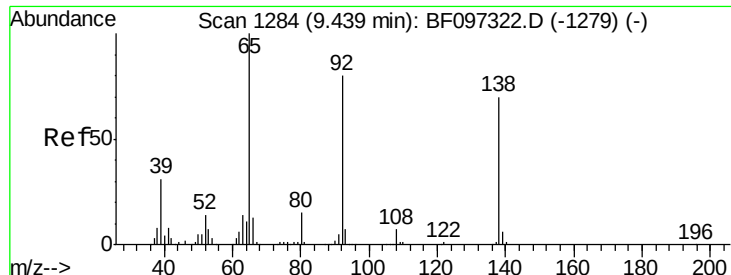
Tot Ion:165 Resp: 91728
 Ion Ratio Lower Upper
 165 100
 63 77.3 34.3 51.5#
 89 58.1 37.1 55.7#



#51
 Acenaphthene
 Concen: 33.08 ng
 RT: 9.47 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

Tgt Ion:154 Resp: 327496
 Ion Ratio Lower Upper
 154 100
 153 113.3 90.5 135.7
 152 55.0 43.6 65.4

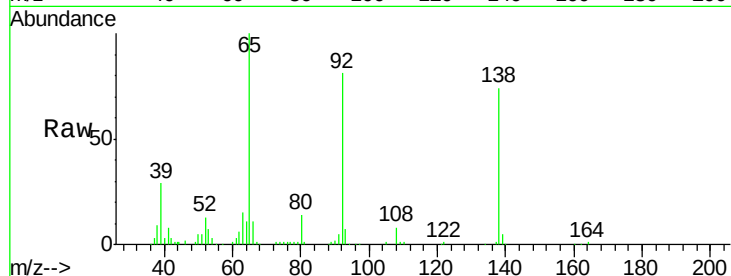




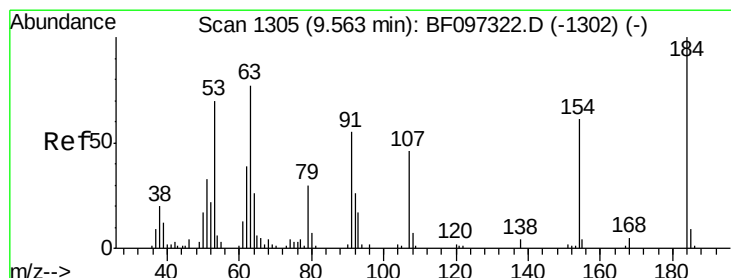
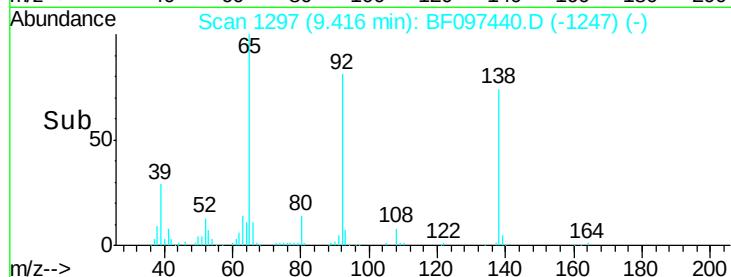
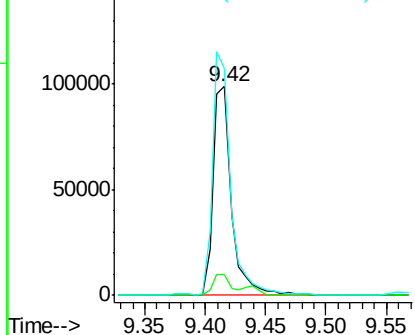
#52
 3-Nitroaniline
 Concen: 29.68 ng
 RT: 9.42 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMSD

Tot Ion:138 Resp: 103359
 Ion Ratio Lower Upper
 138 100
 108 10.2 9.1 13.7
 92 109.1 93.8 140.6

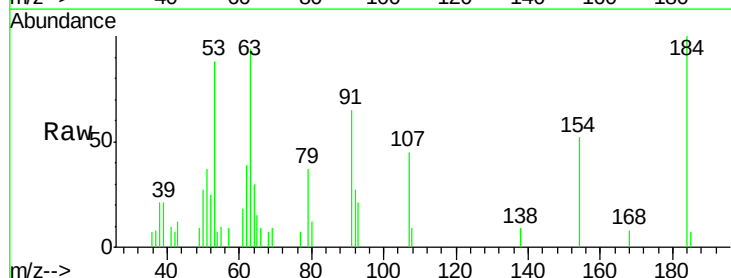


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

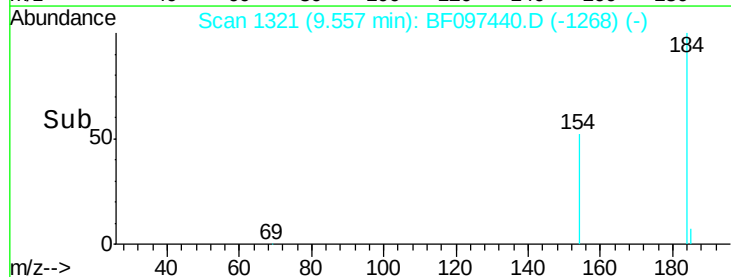
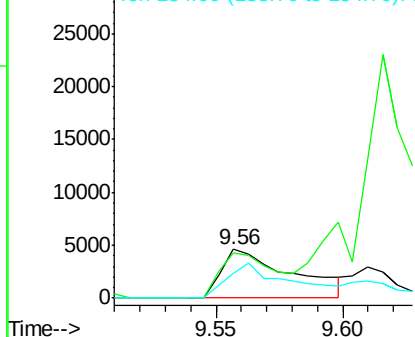


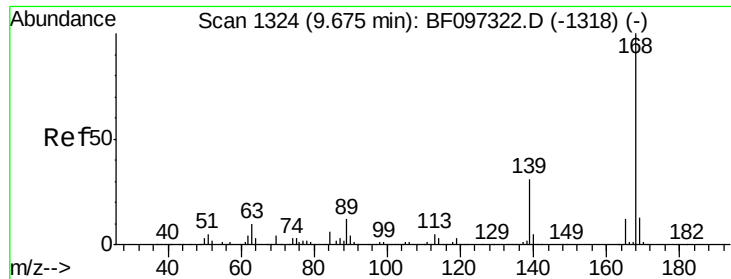
#53
 2,4-Dinitrophenol
 Concen: 6.95 ng
 RT: 9.56 min Scan# 1321
 Delta R.T. 0.01 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

Tgt Ion:184 Resp: 8860
 Ion Ratio Lower Upper
 184 100
 63 93.6 62.7 94.1
 154 51.9 81.1 121.7#



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

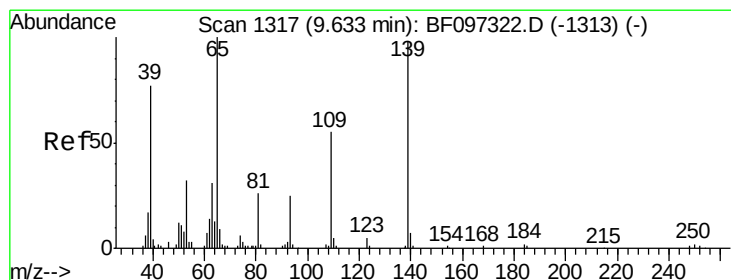
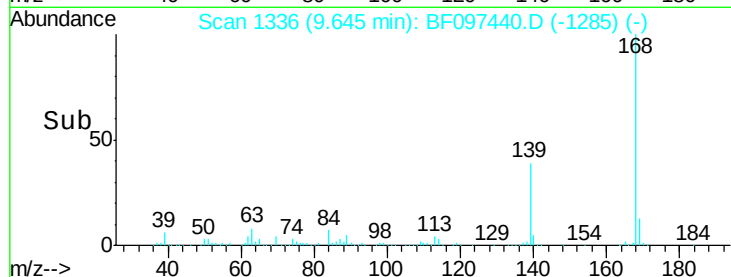
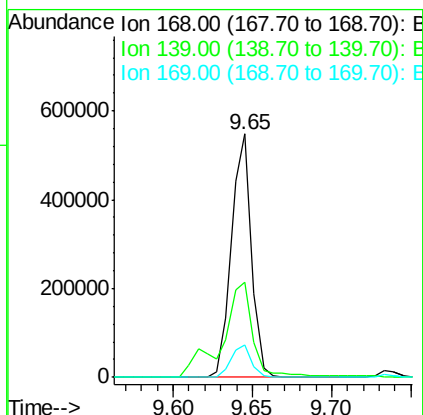
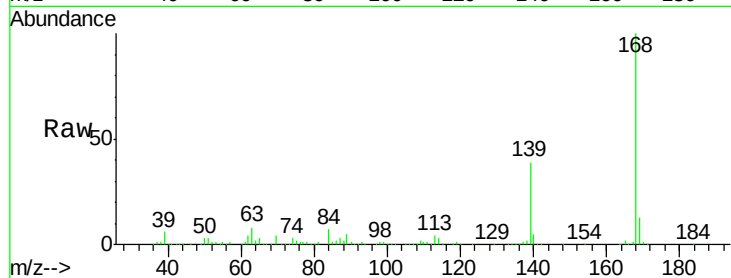




#54
Dibenzofuran
Concen: 36.26 ng
RT: 9.65 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

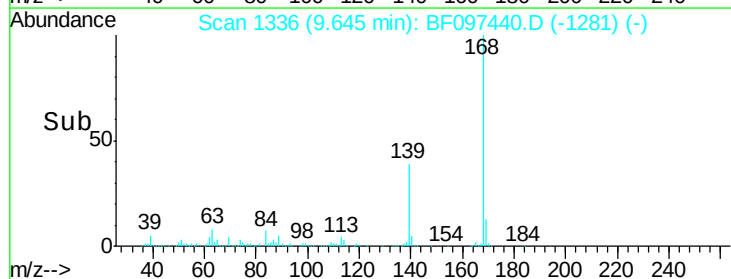
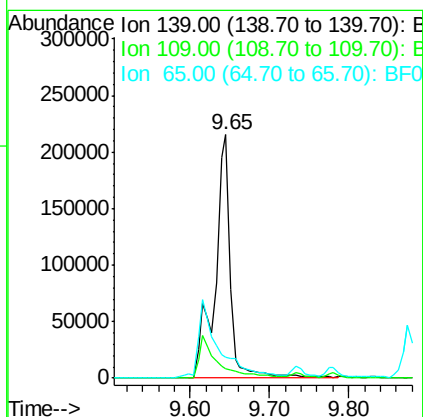
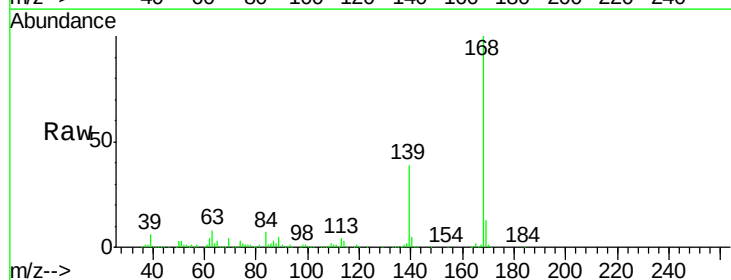
Instrument :
BNA_F
ClientSampleId :
TEC-BNMSD

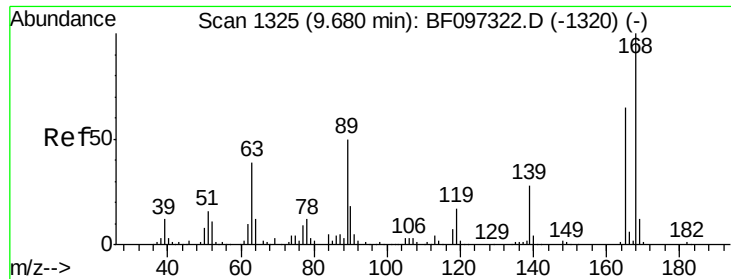
Tot Ion:168 Resp: 478152
Ion Ratio Lower Upper
168 100
139 39.3 30.6 45.8
169 13.2 10.8 16.2



#55
4-Nitrophenol
Concen: 144.20 ng
RT: 9.65 min Scan# 1336
Delta R.T. 0.02 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

Tgt Ion:139 Resp: 298634
Ion Ratio Lower Upper
139 100
109 4.1 34.1 74.1#
65 8.6 31.4 71.4#

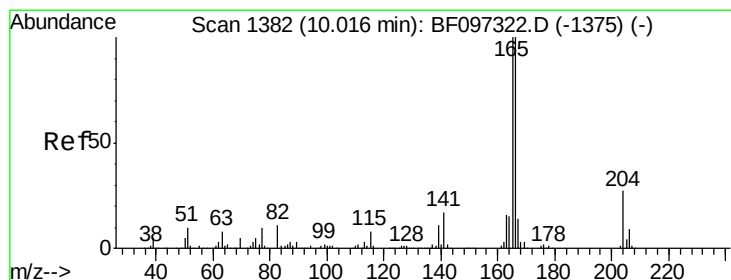
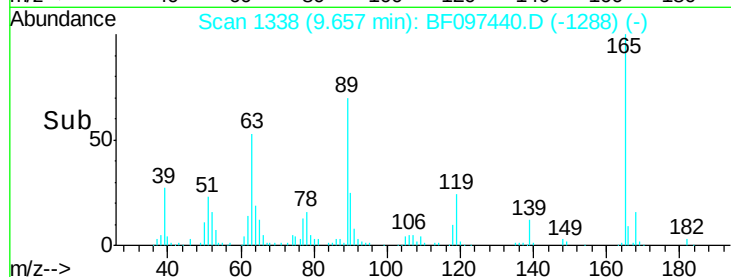
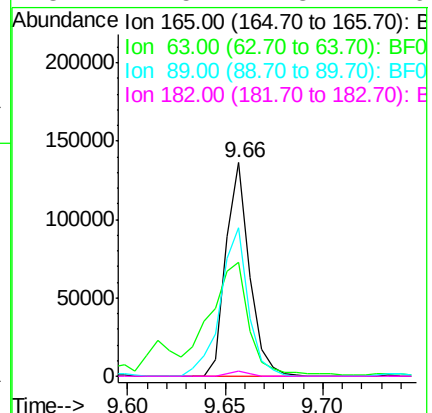
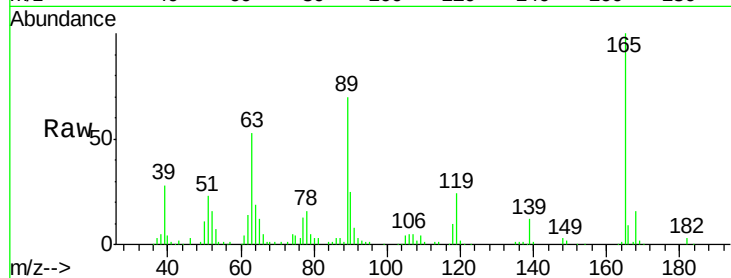




#56
 2,4-Dinitrotoluene
 Concen: 35.60 ng
 RT: 9.66 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

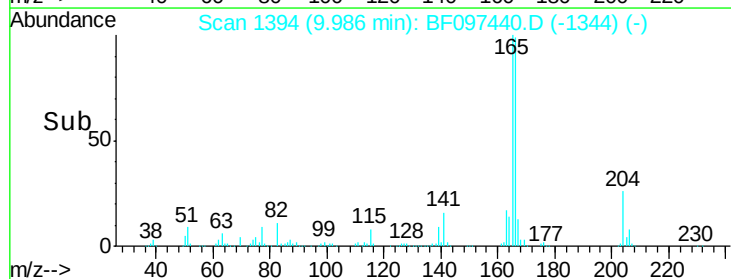
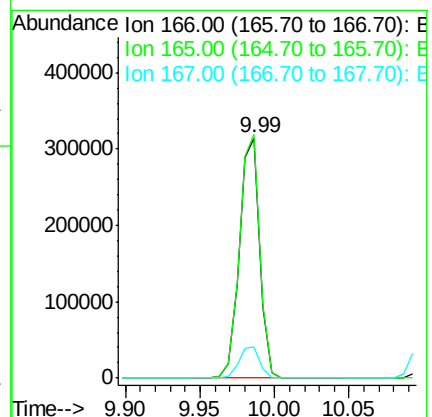
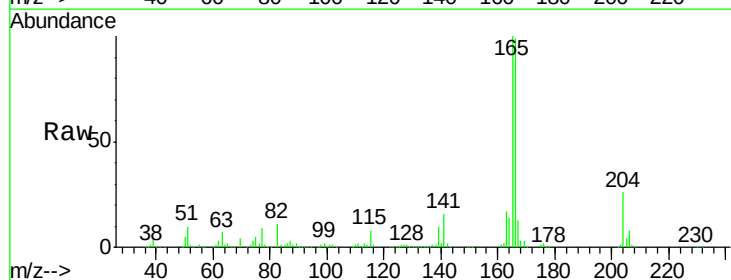
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMSD

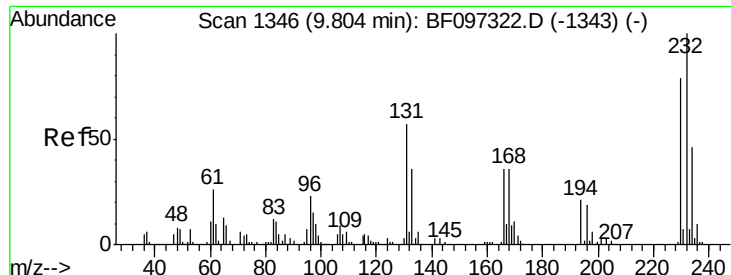
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.3	25.4	38.0#
89	69.6	46.4	69.6#
182	2.5	1.8	2.6



#57
 Fluorene
 Concen: 30.39 ng
 RT: 9.99 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.3	78.8	118.2
167	13.1	10.6	16.0

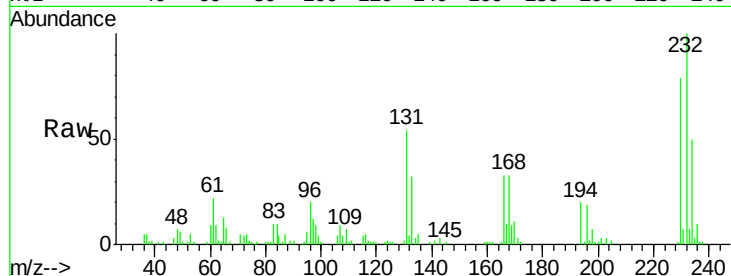




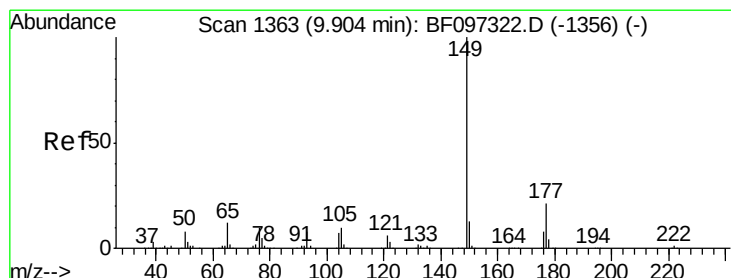
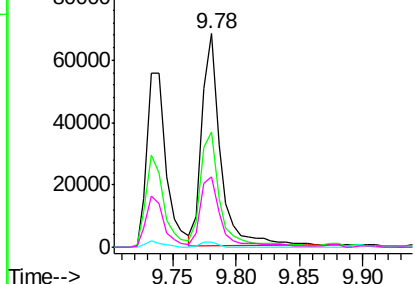
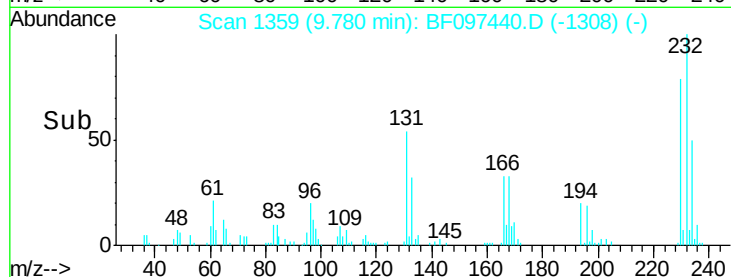
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.08 ng
 RT: 9.78 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMSD

Tot Ion:232 Resp: 70030
 Ion Ratio Lower Upper
 232 100
 131 55.3 44.8 67.2
 130 2.2 2.3 3.5#
 166 34.6 29.0 43.4

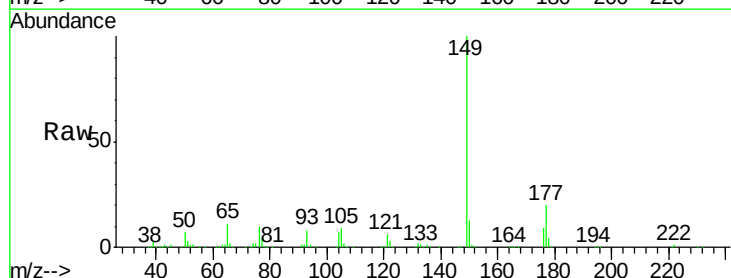


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

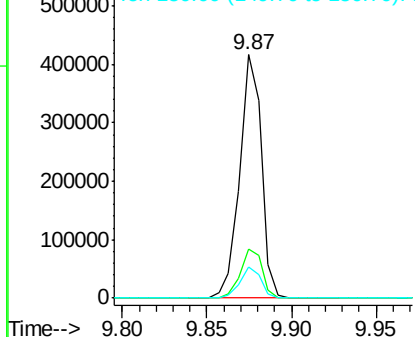
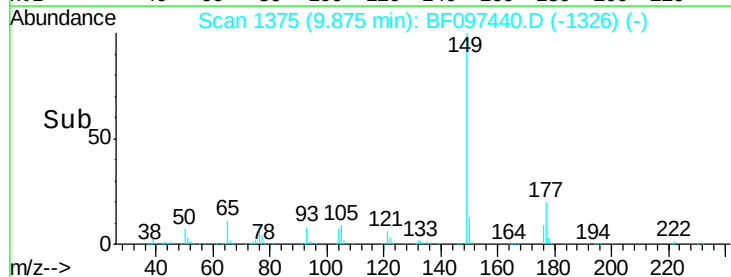


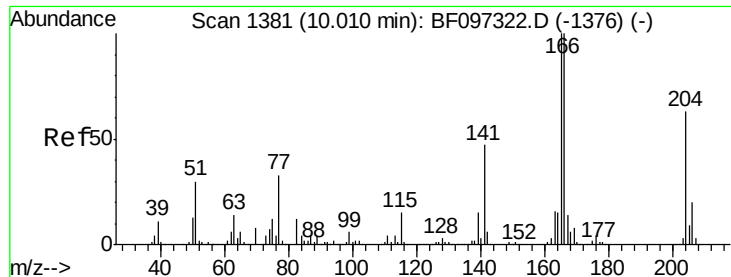
#59
 Diethylphthalate
 Concen: 30.71 ng
 RT: 9.87 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

Tgt Ion:149 Resp: 372704
 Ion Ratio Lower Upper
 149 100
 177 20.3 16.7 25.1
 150 12.8 10.2 15.2



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

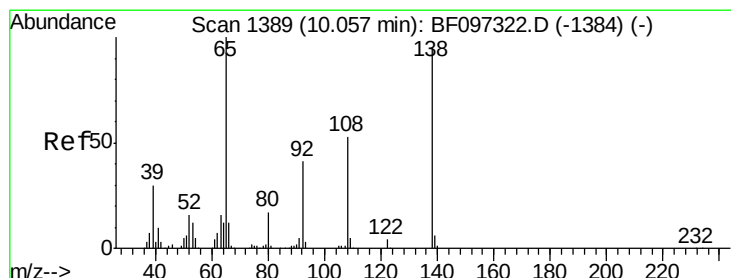
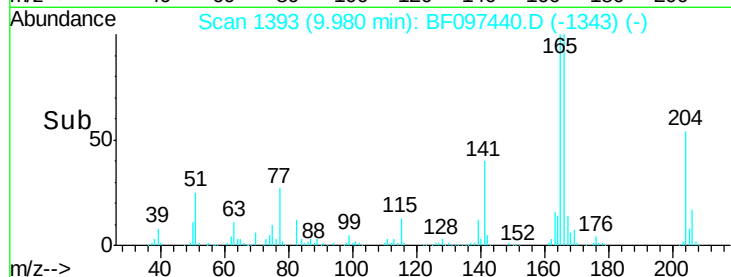
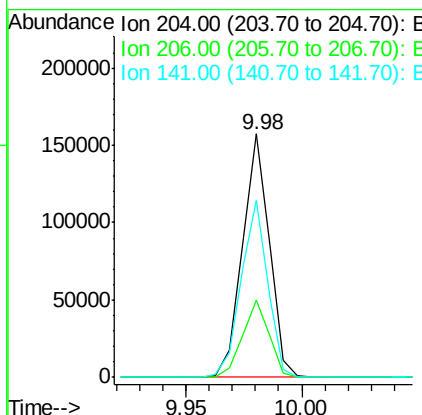
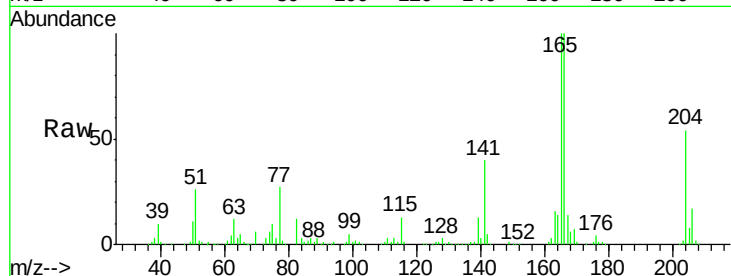




#60
 4-Chlorophenyl-phenylether
 Concen: 31.23 ng
 RT: 9.98 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

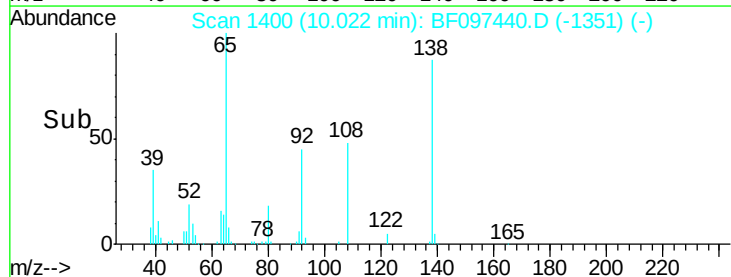
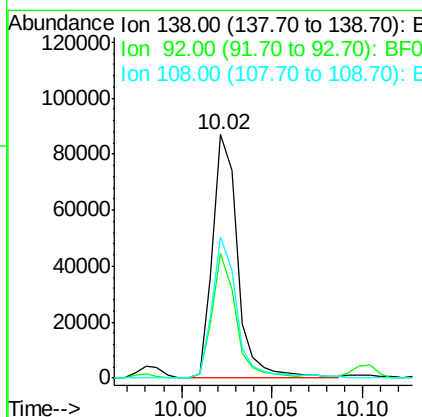
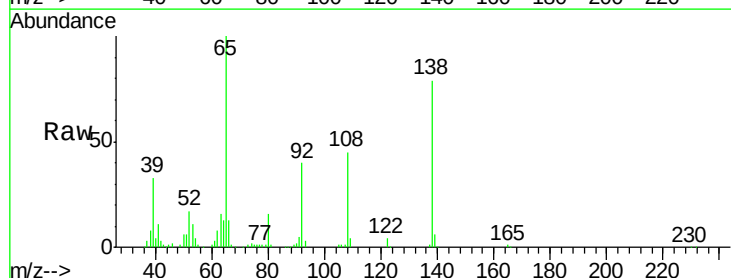
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMSD

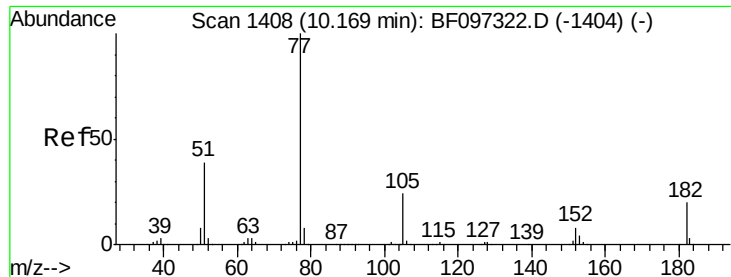
Tot Ion:204 Resp: 127790
 Ion Ratio Lower Upper
 204 100
 206 31.8 26.2 39.2
 141 72.9 60.8 91.2



#61
 4-Nitroaniline
 Concen: 25.53 ng
 RT: 10.02 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

Tgt Ion:138 Resp: 84466
 Ion Ratio Lower Upper
 138 100
 92 51.2 21.8 61.8
 108 57.8 42.3 82.3





#62

Azobenzene

Concen: 29.13 ng

RT: 10.14 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

TEC-BNMSD

Tot Ion: 77 Resp: 327971

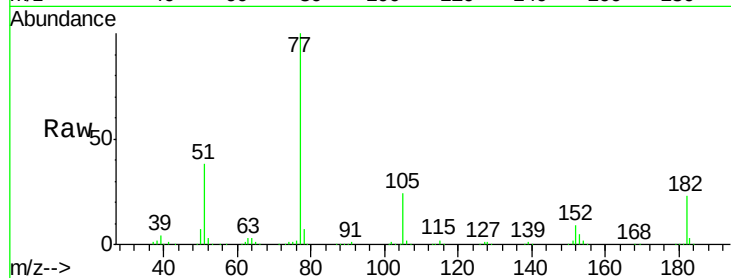
Ion Ratio Lower Upper

77 100

182 22.6 0.1 40.1

105 24.0 3.6 43.6

51 37.9 9.4 49.4

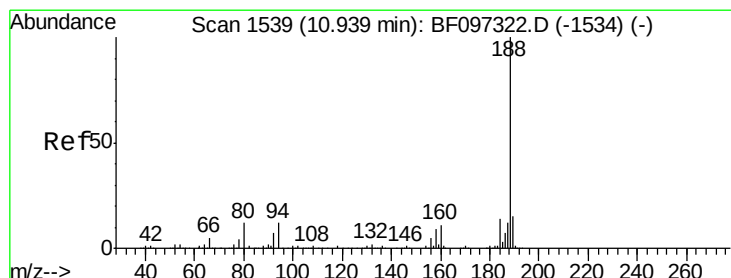
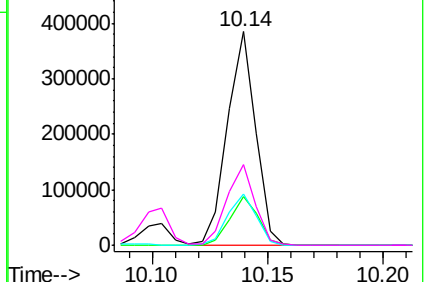
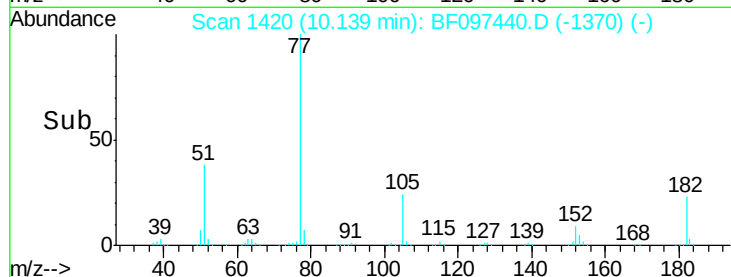


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

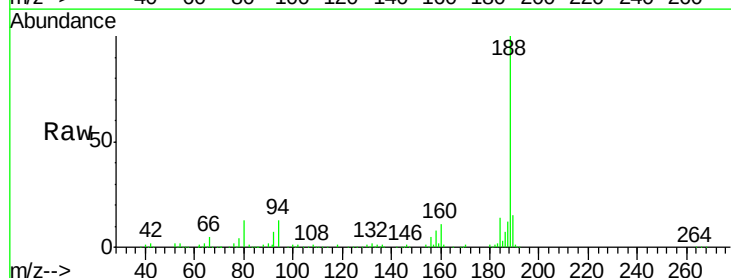
Tgt Ion: 188 Resp: 233868

Ion Ratio Lower Upper

188 100

94 12.7 9.4 14.2

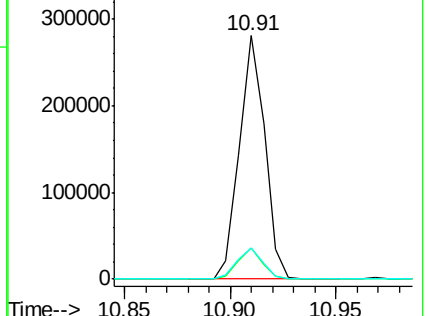
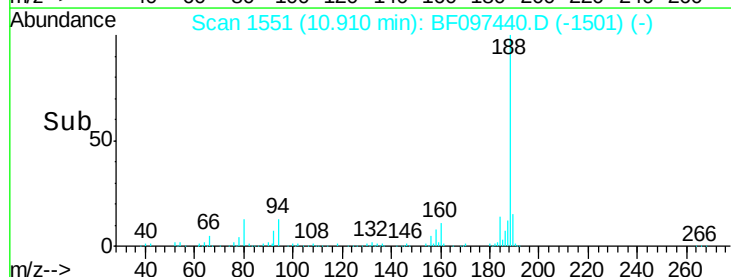
80 12.8 10.2 15.2

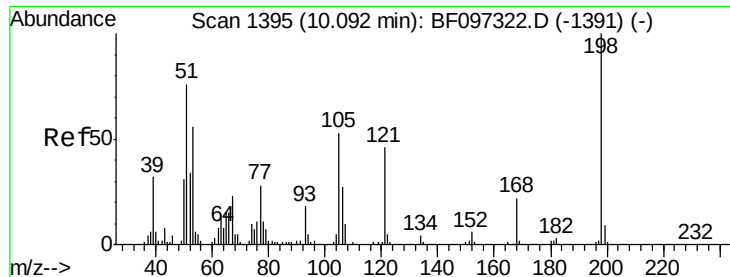


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

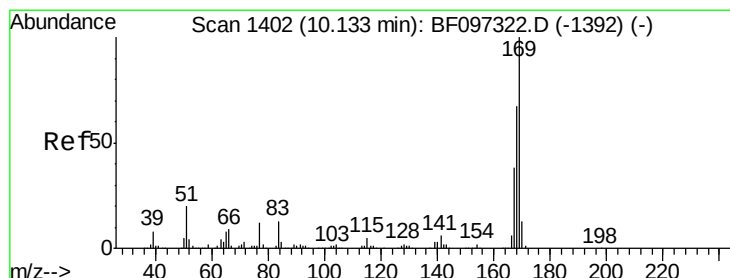
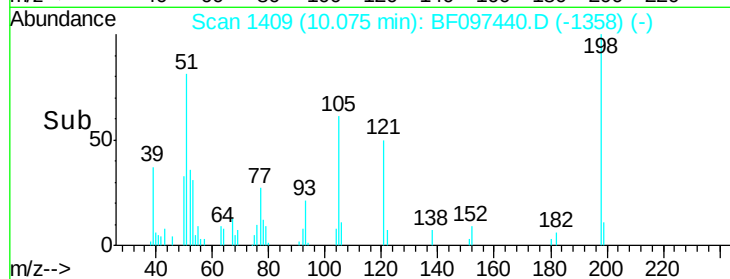
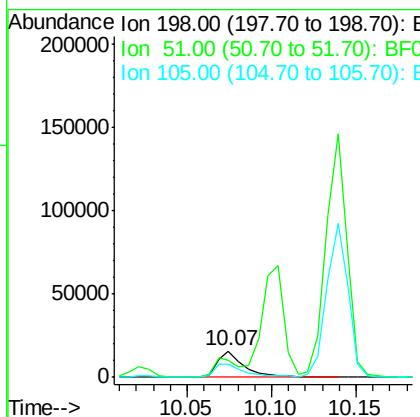
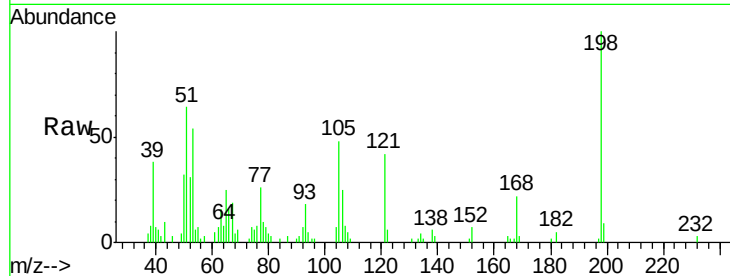




#64
 4,6-Dinitro-2-methylphenol
 Concen: 12.10 ng
 RT: 10.07 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

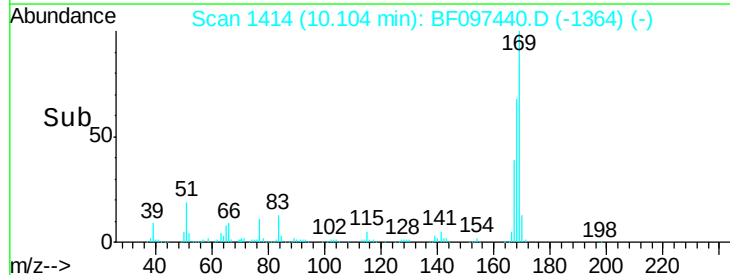
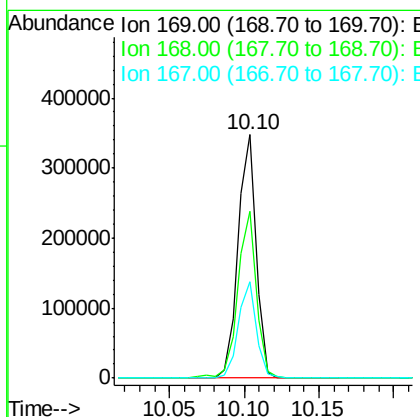
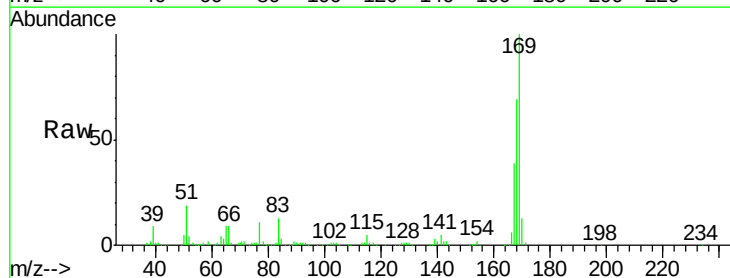
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMSD

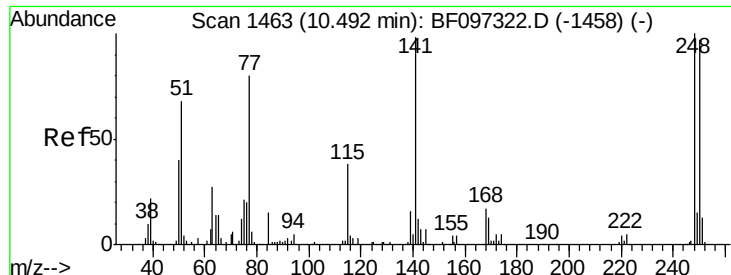
Tot Ion:198 Resp: 17579
 Ion Ratio Lower Upper
 198 100
 51 64.4 53.2 93.2
 105 48.5 45.8 85.8



#65
 n-Nitrosodiphenylamine
 Concen: 36.56 ng
 RT: 10.10 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

Tgt Ion:169 Resp: 297479
 Ion Ratio Lower Upper
 169 100
 168 68.7 53.2 79.8
 167 39.4 29.5 44.3

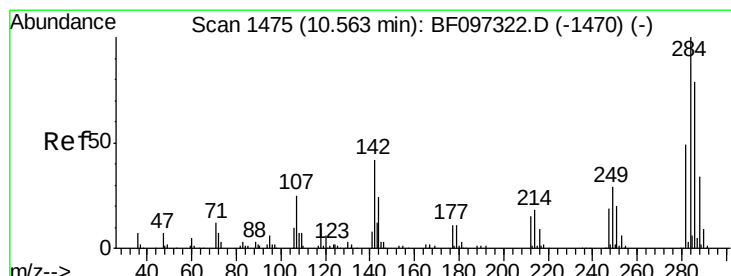
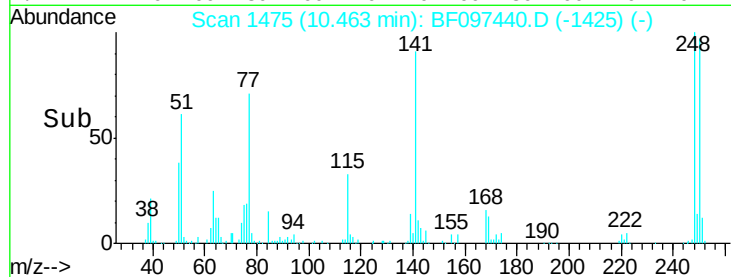
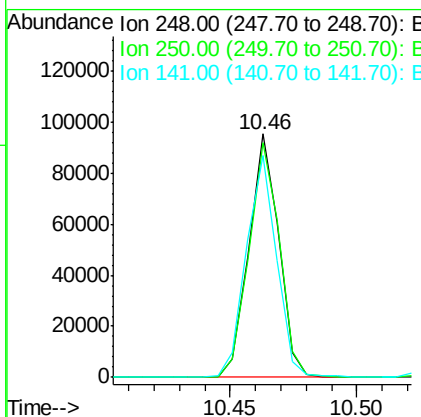
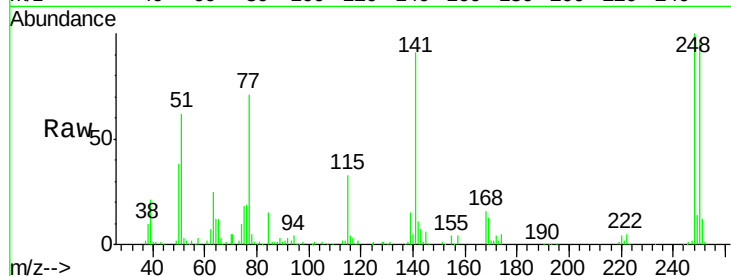




#66
 4-Bromophenyl-phenylether
 Concen: 33.54 ng
 RT: 10.46 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

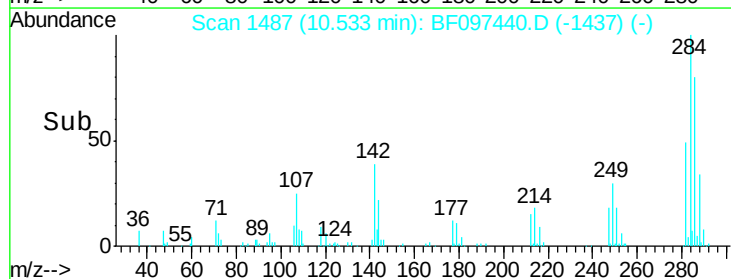
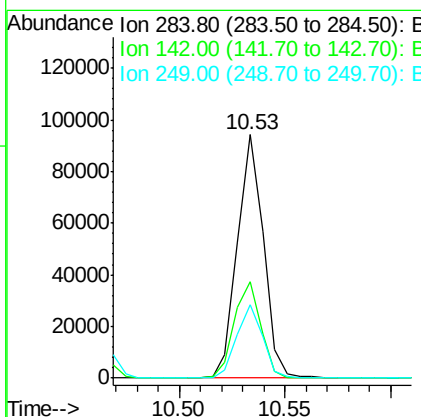
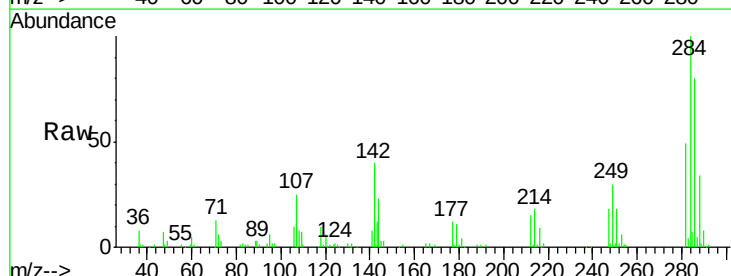
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMSD

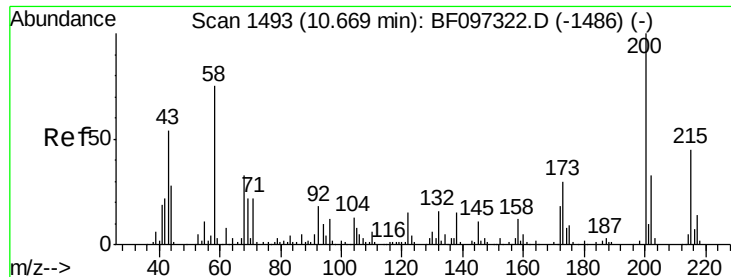
Tot Ion:248 Resp: 78285
 Ion Ratio Lower Upper
 248 100
 250 96.6 76.8 115.2
 141 91.3 68.6 103.0



#67
 Hexachlorobenzene
 Concen: 30.59 ng
 RT: 10.53 min Scan# 1487
 Delta R.T. -0.01 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

Tgt Ion:284 Resp: 80049
 Ion Ratio Lower Upper
 284 100
 142 39.5 22.8 34.2#
 249 30.1 24.0 36.0





#68

Atrazine

Concen: 33.55 ng

RT: 10.64 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

Instrument :

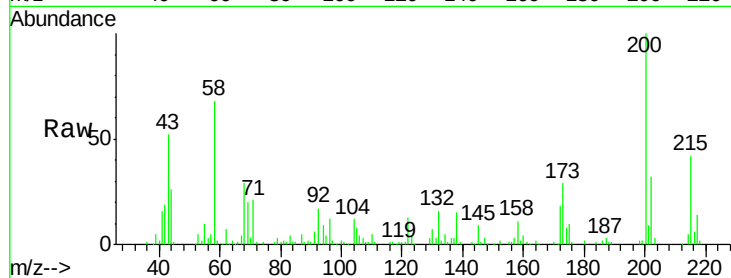
BNA_F

ClientSampleId :

TEC-BNMSD

Tot Ion:200 Resp: 78289

Ion	Ratio	Lower	Upper
200	100		
173	29.5	6.3	46.3
215	42.0	27.2	67.2

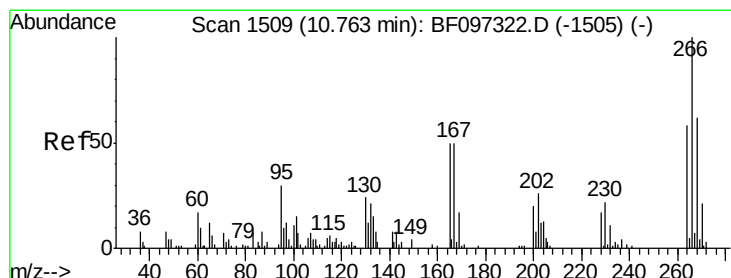
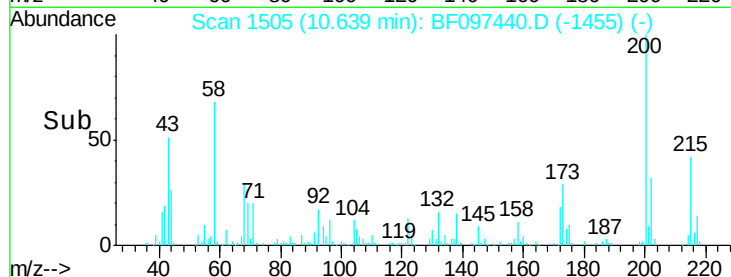
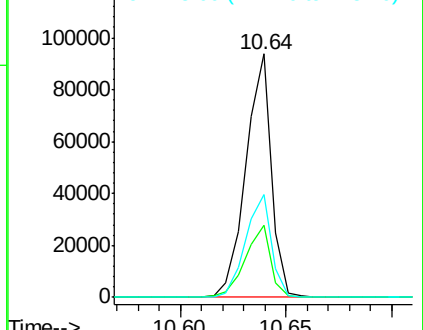


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 43.84 ng

RT: 10.74 min Scan# 1522

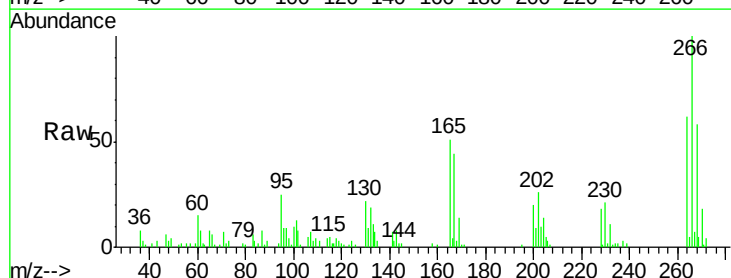
Delta R.T. -0.01 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

Tgt Ion:266 Resp: 47479

Ion	Ratio	Lower	Upper
266	100		
268	57.6	51.1	76.7
264	62.1	51.7	77.5

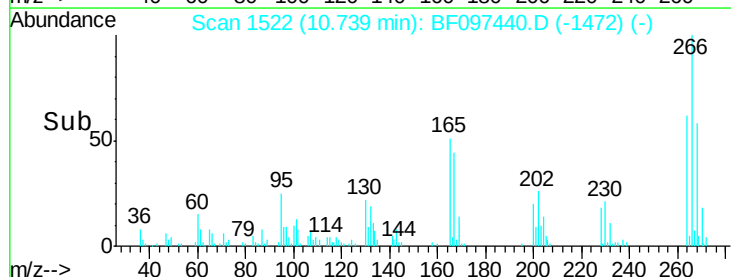
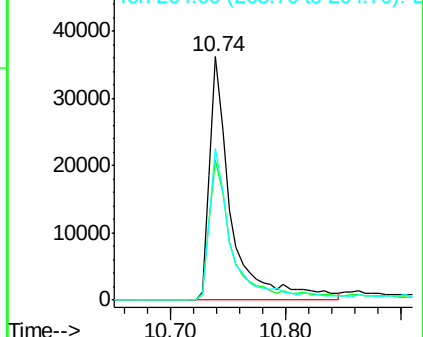


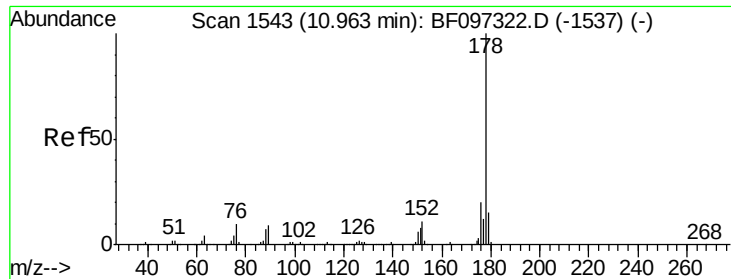
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

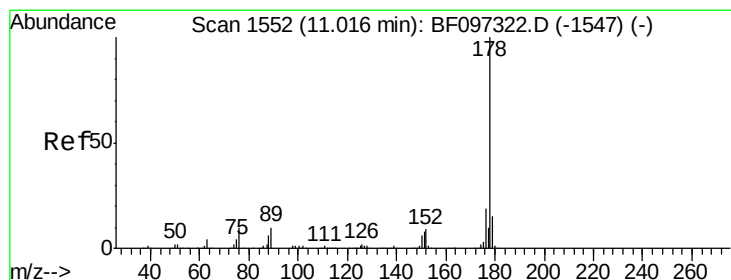
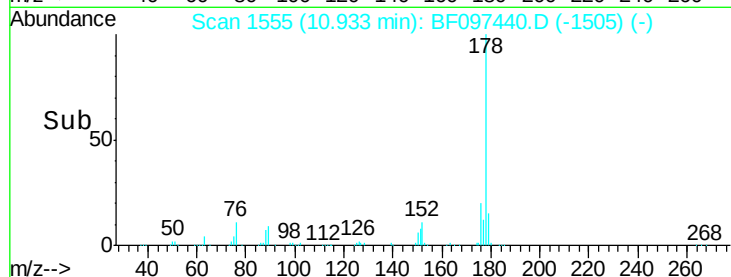
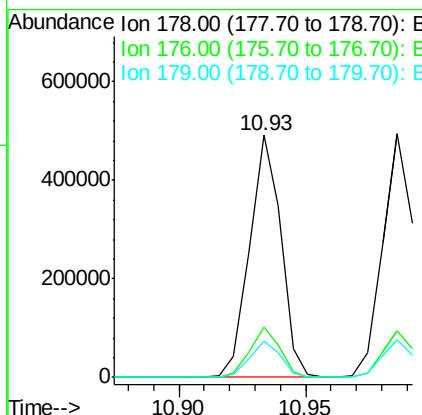
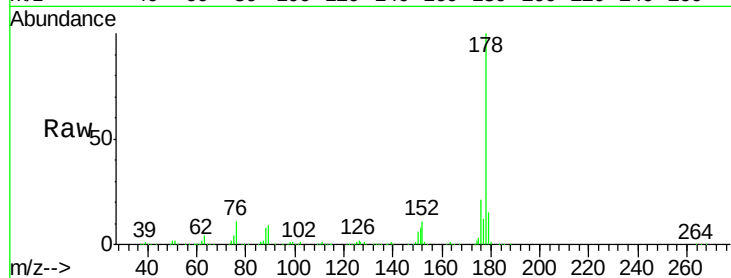




#70
Phenanthrene
Concen: 33.82 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

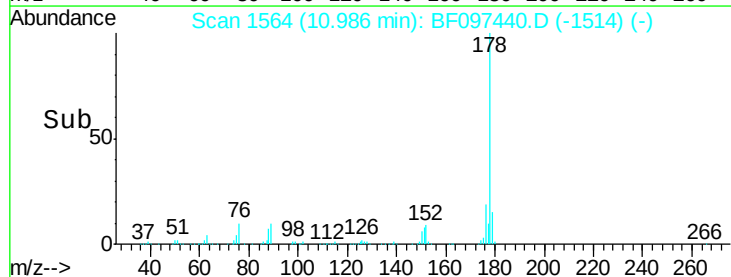
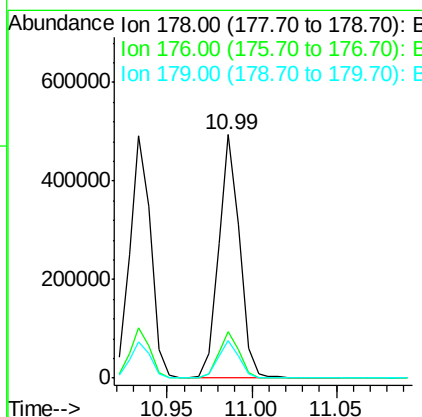
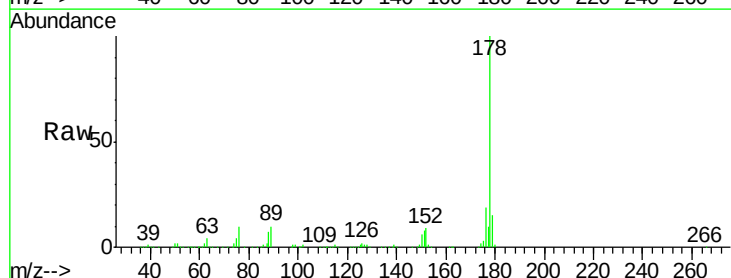
Instrument :
BNA_F
ClientSampleId :
TEC-BNMSD

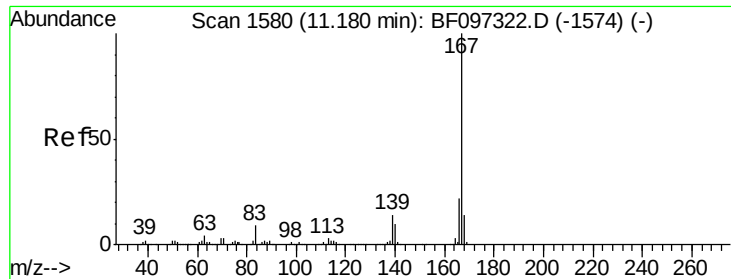
Tot Ion:178 Resp: 423754
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 15.1 12.6 19.0



#71
Anthracene
Concen: 33.28 ng
RT: 10.99 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

Tgt Ion:178 Resp: 427098
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.8
179 15.3 12.7 19.1





#72

Carbazole

Concen: 31.95 ng

RT: 11.15 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

TEC-BNMSD

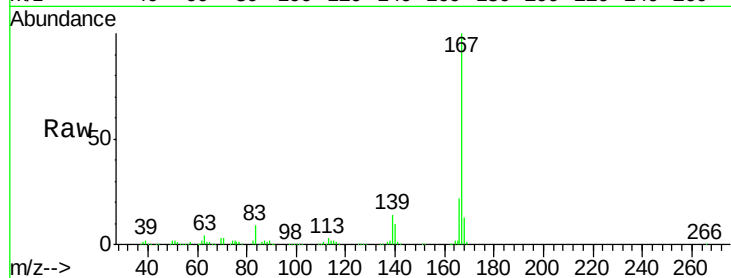
Tot Ion:167 Resp: 403326

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

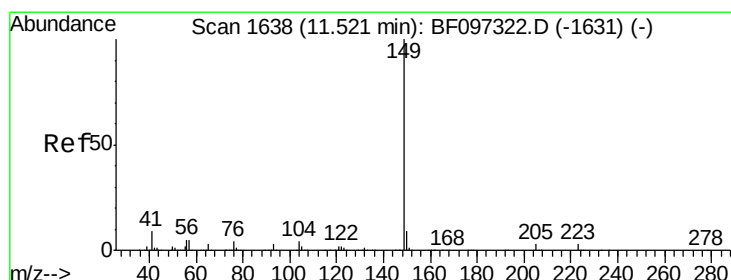
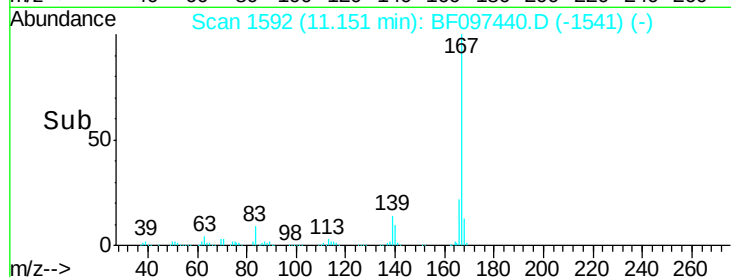
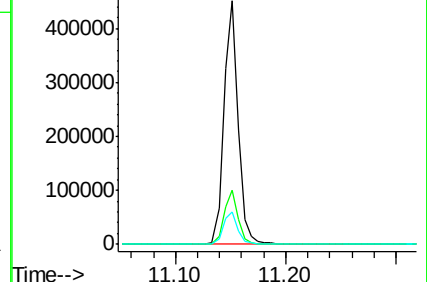
139 13.5 11.7 17.5



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: 33.44 ng

RT: 11.49 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

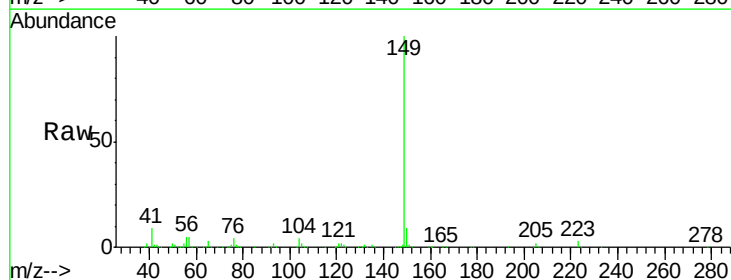
Tgt Ion:149 Resp: 521786

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

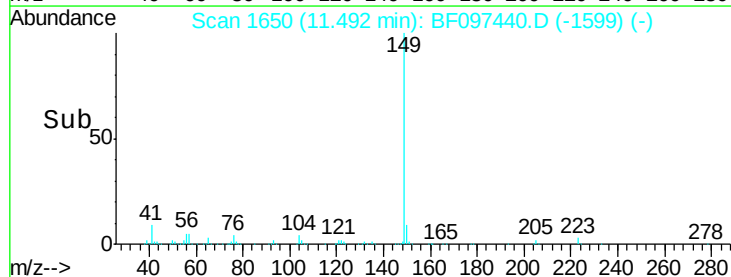
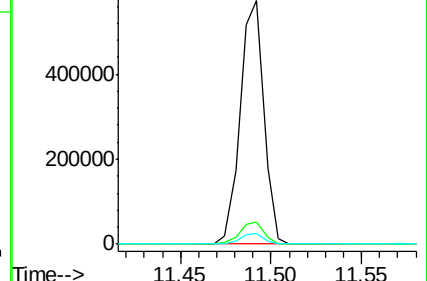
104 4.1 4.0 6.0

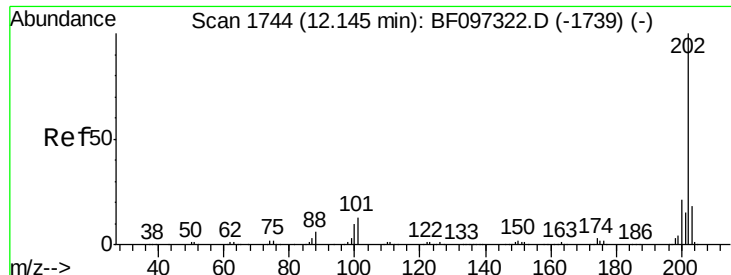


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

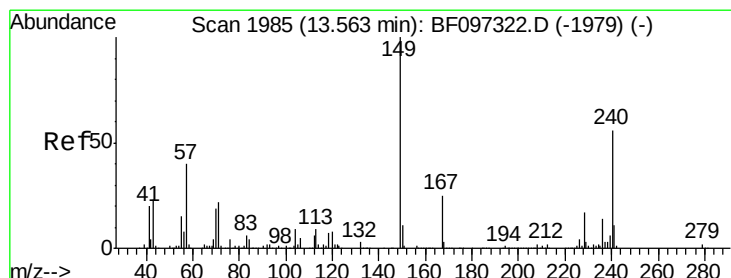
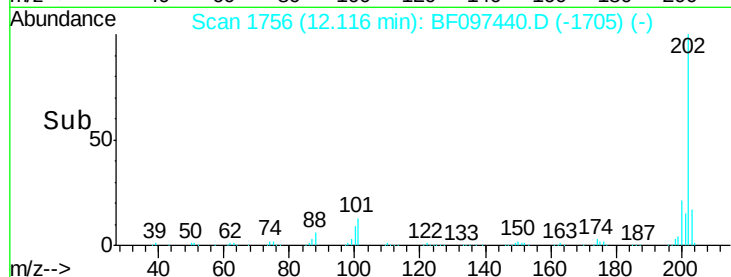
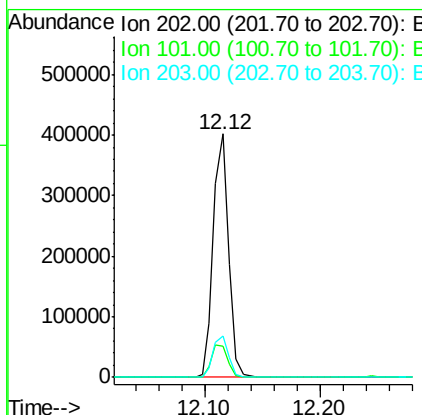
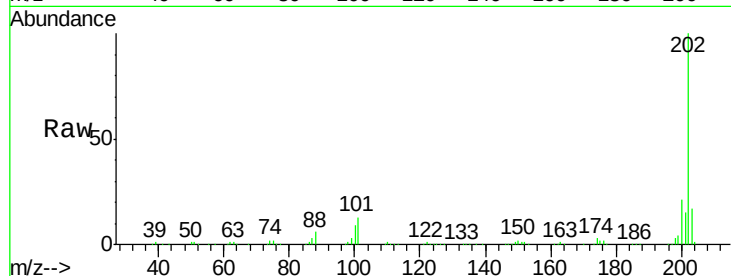




#74
 Fluoranthene
 Concen: 30.12 ng
 RT: 12.12 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

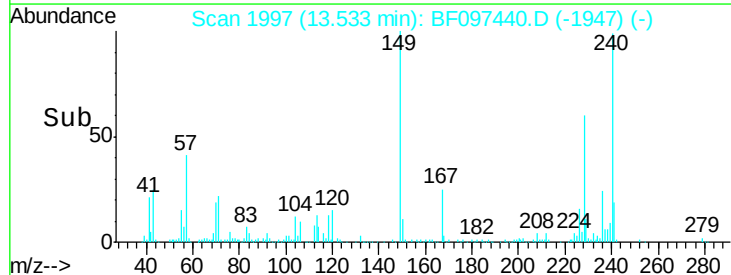
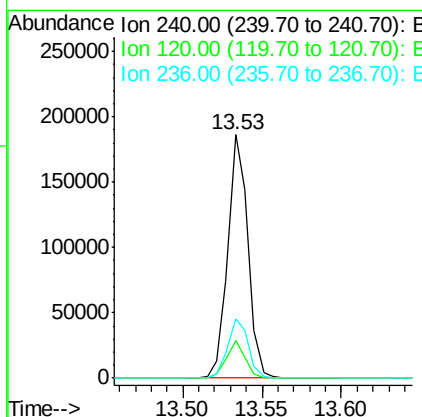
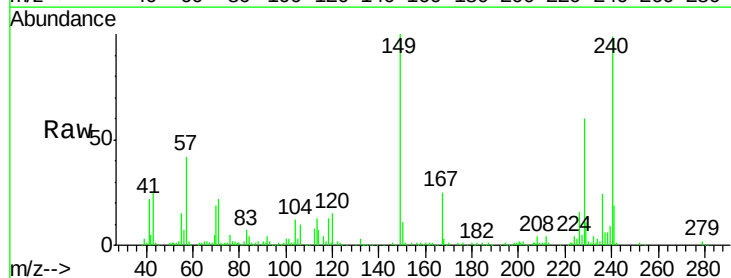
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMSD

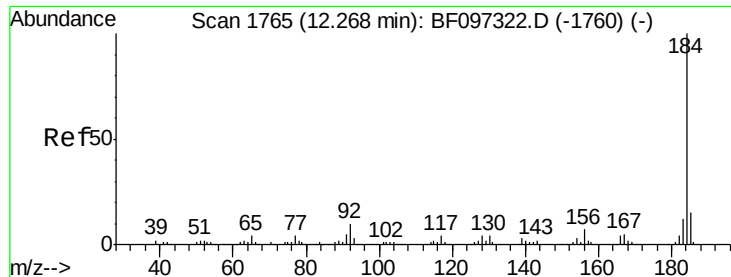
Tot Ion:202 Resp: 369754
 Ion Ratio Lower Upper
 202 100
 101 12.8 0.0 33.2
 203 17.1 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.53 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

Tgt Ion:240 Resp: 163278
 Ion Ratio Lower Upper
 240 100
 120 15.5 5.8 8.8#
 236 24.6 20.5 30.7

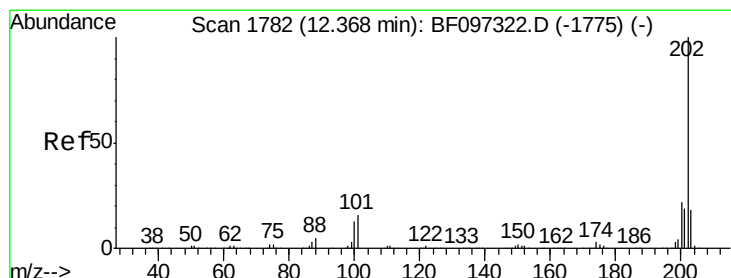
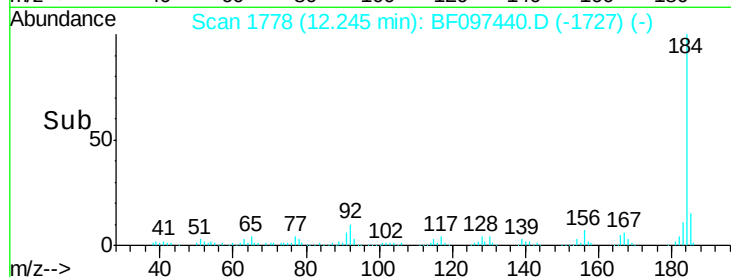
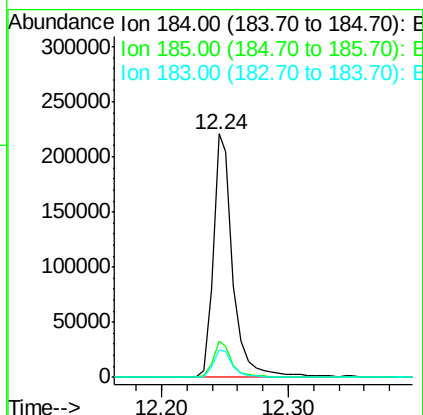
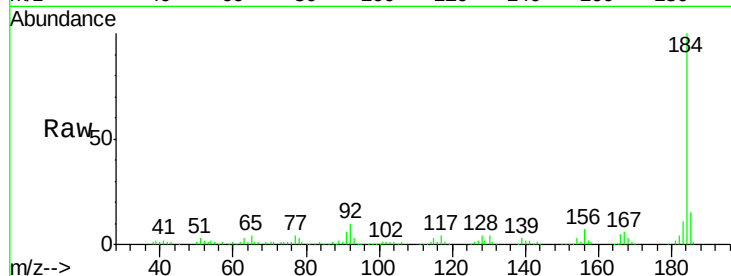




#76
Benzidine
Concen: 39.60 ng
RT: 12.24 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

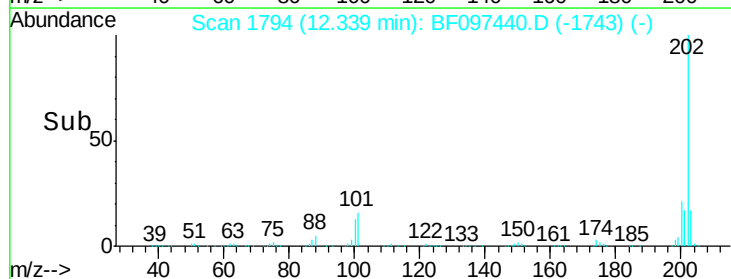
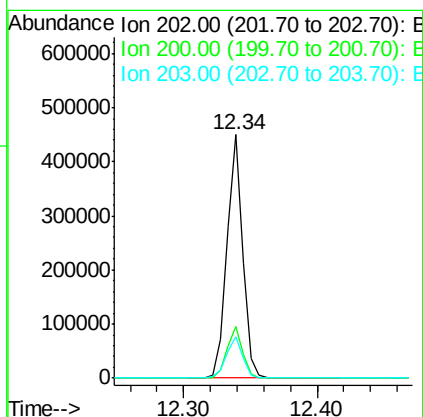
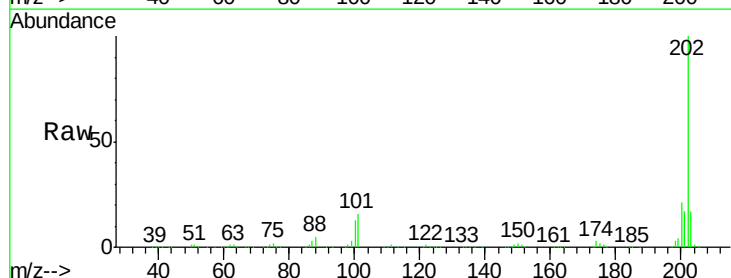
Instrument :
BNA_F
ClientSampleId :
TEC-BNMSD

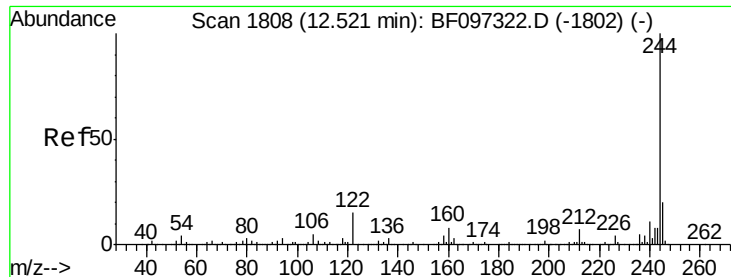
Tot Ion:184 Resp: 239912
Ion Ratio Lower Upper
184 100
185 14.9 15.5 23.3#
183 11.1 9.8 14.6



#77
Pyrene
Concen: 28.21 ng
RT: 12.34 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

Tgt Ion:202 Resp: 377056
Ion Ratio Lower Upper
202 100
200 21.2 17.6 26.4
203 16.8 14.4 21.6

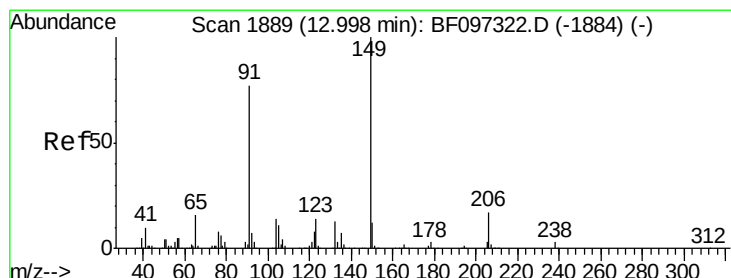
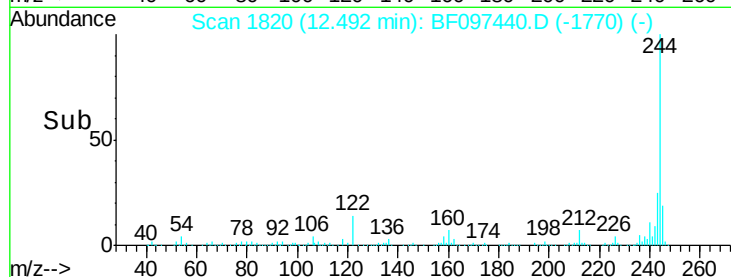
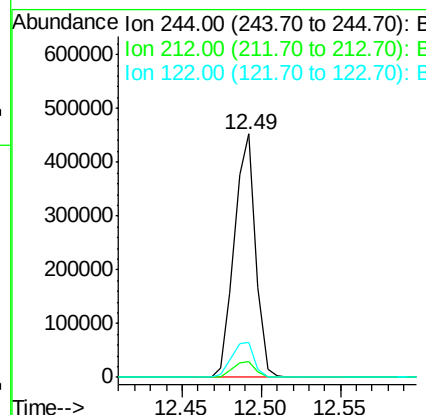
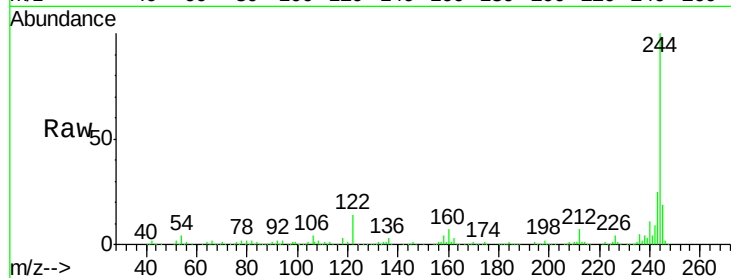




#78
 Terphenyl-d14
 Concen: 52.37 ng
 RT: 12.49 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

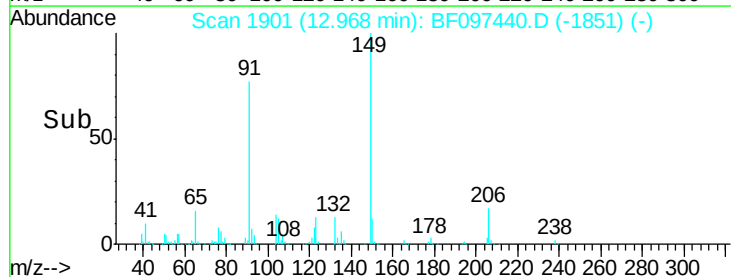
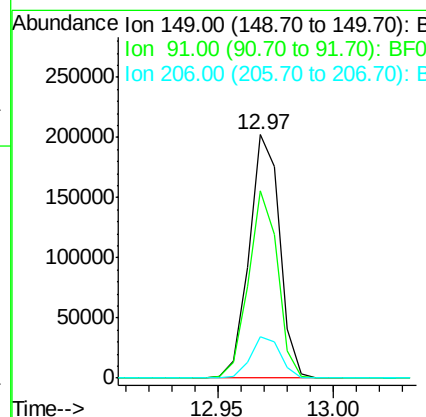
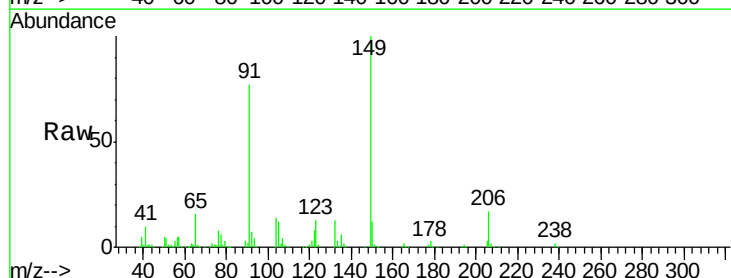
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMSD

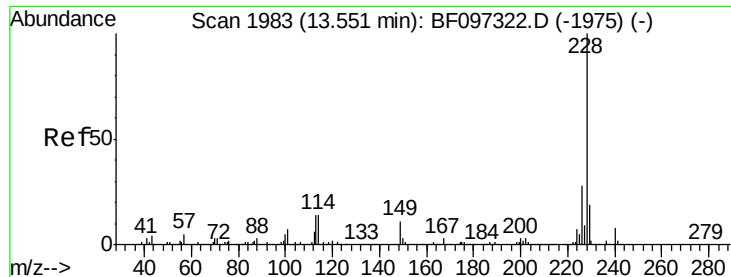
Tot Ion:244 Resp: 419406
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 14.2 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 27.47 ng
 RT: 12.97 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BF097440.D
 Acq: 7 Aug 2017 20:23

Tgt Ion:149 Resp: 186792
 Ion Ratio Lower Upper
 149 100
 91 76.9 45.0 67.4#
 206 16.9 17.0 25.6#





#80

Benzo(a)anthracene

Concen: 30.17 ng

RT: 13.52 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

TEC-BNMSD

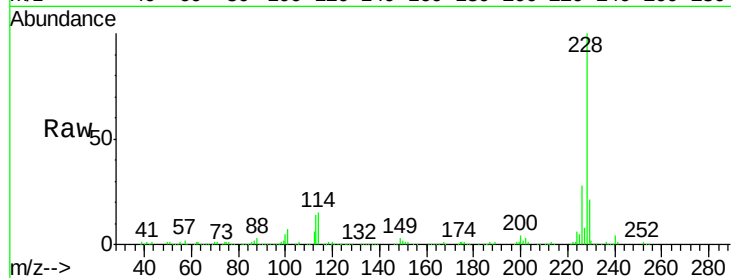
Tot Ion:228 Resp: 318723

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

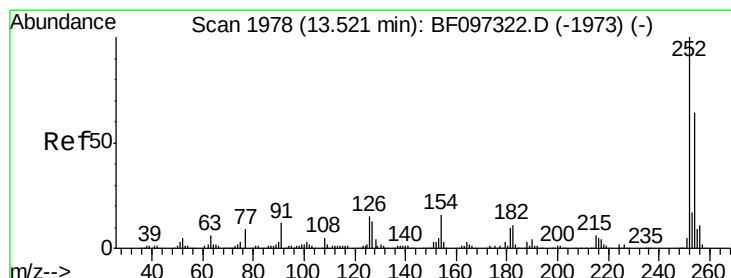
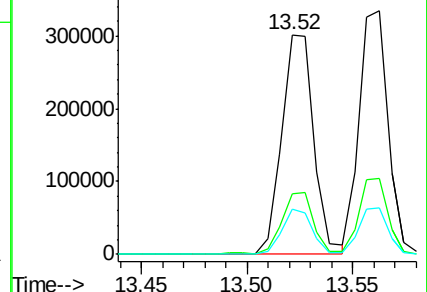
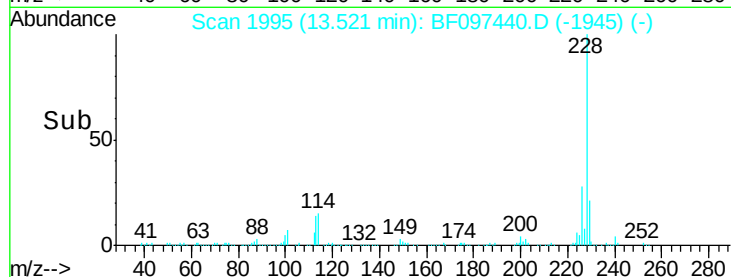
229 20.5 16.3 24.5



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: 31.53 ng

RT: 13.49 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

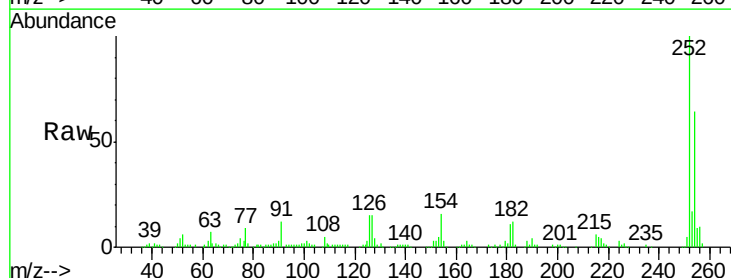
Tgt Ion:252 Resp: 125615

Ion Ratio Lower Upper

252 100

254 64.0 51.5 77.3

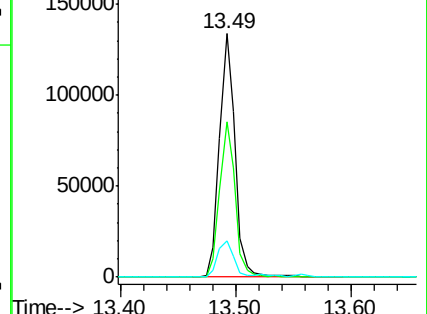
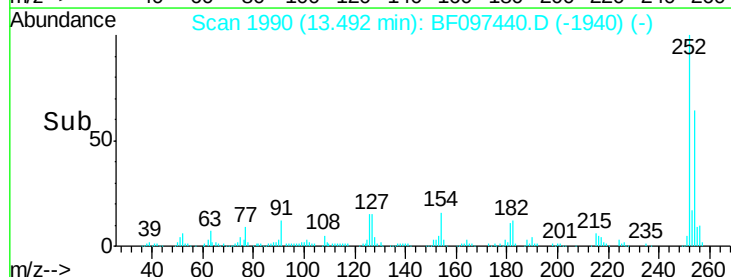
126 14.9 15.8 23.8#

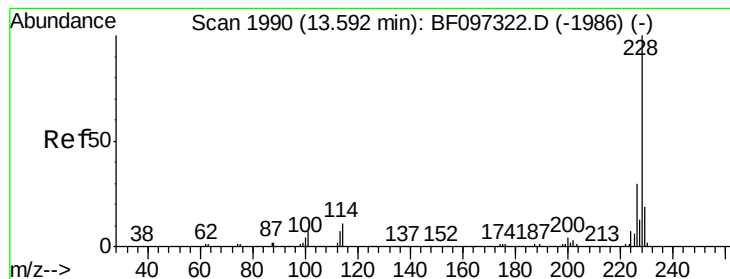


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 31.17 ng

RT: 13.56 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

TEC-BNMSD

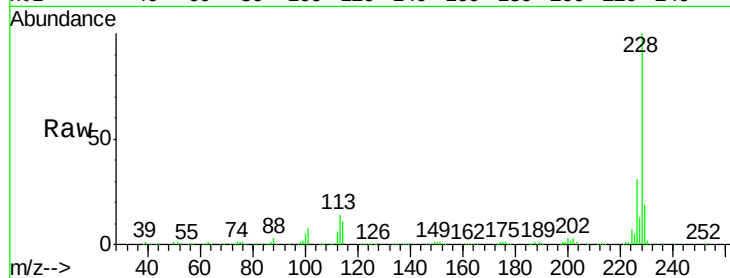
Tot Ion:228 Resp: 321601

Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

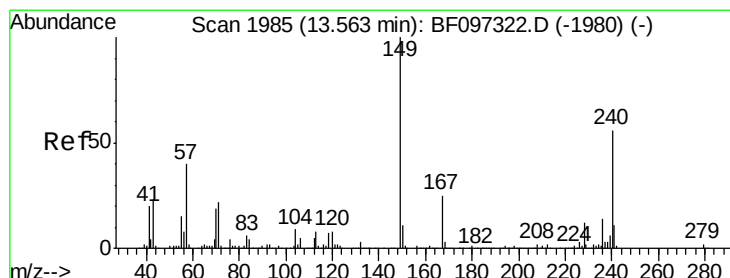
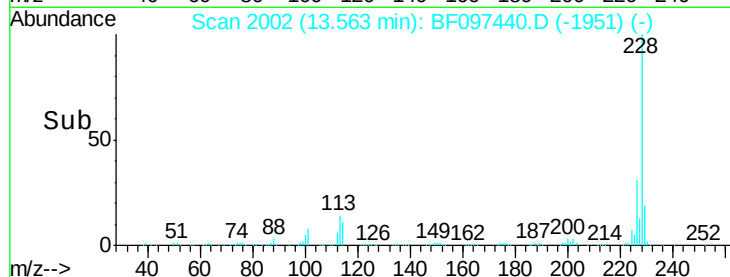
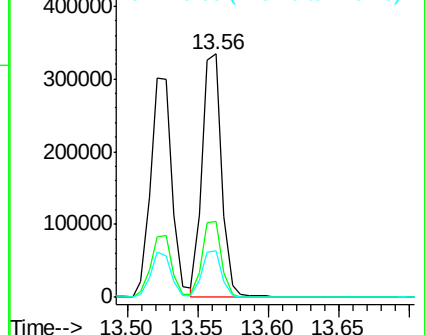
229 19.3 15.8 23.6



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: 25.17 ng

RT: 13.54 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

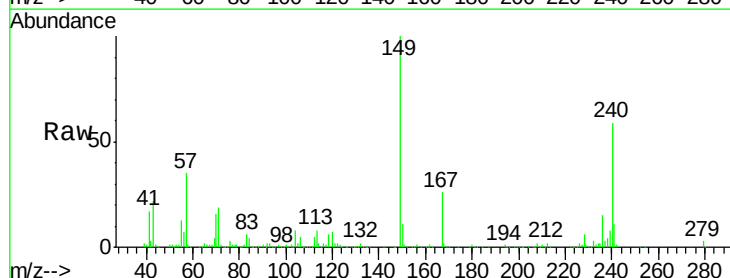
Tgt Ion:149 Resp: 223445

Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.4

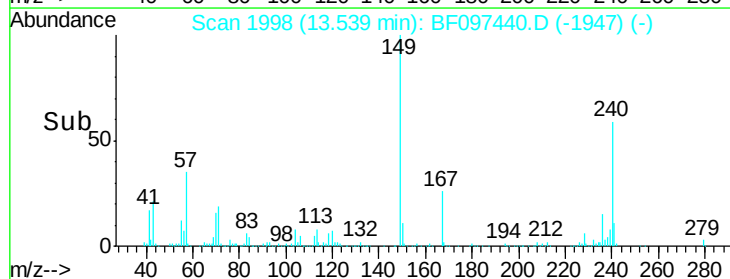
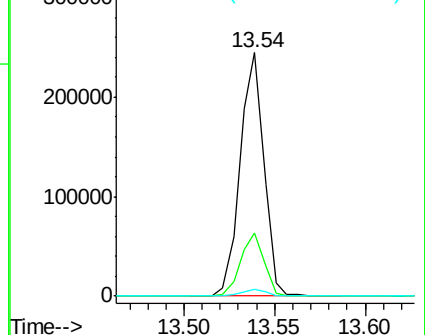
279 2.6 1.9 2.9

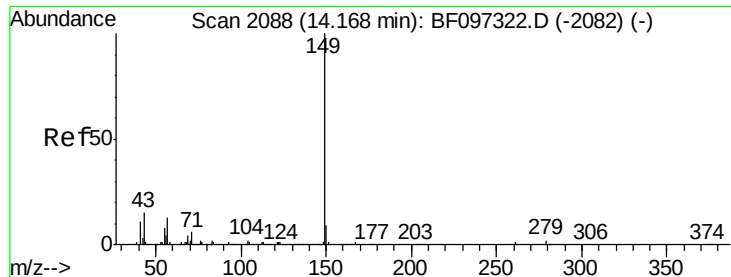


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 28.52 ng

RT: 14.14 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

TEC-BNMSD

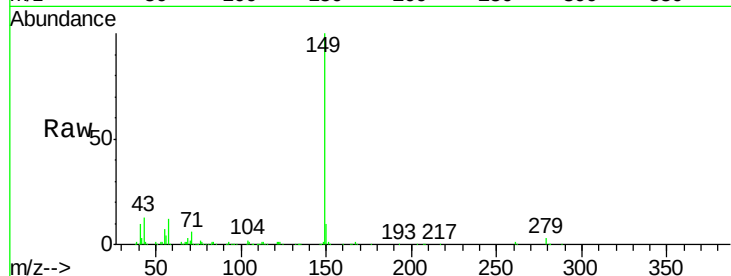
Tot Ion:149 Resp: 464724

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 14.1 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

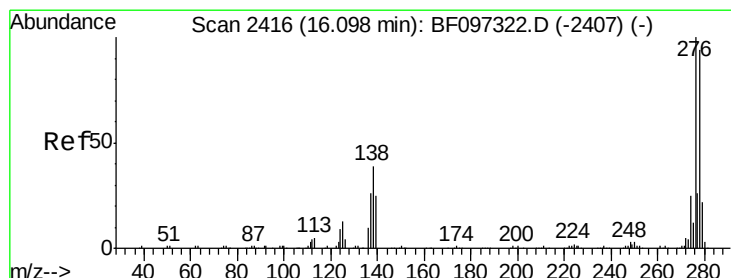
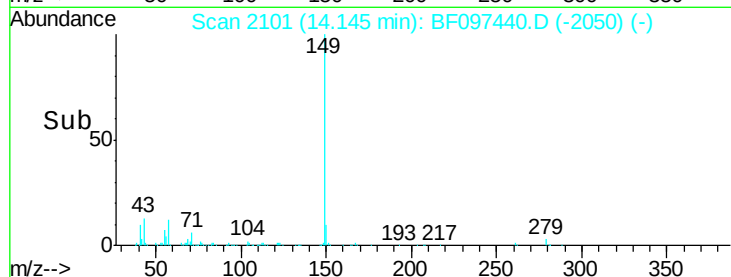
14.14

400000

200000

0

Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 26.13 ng

RT: 16.06 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

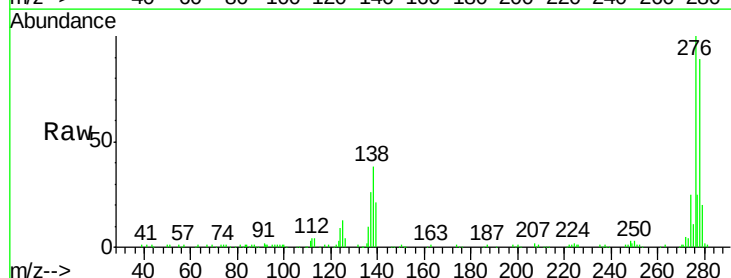
Tgt Ion:276 Resp: 231135

Ion Ratio Lower Upper

276 100

138 37.9 27.8 41.6

277 24.9 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

16.06

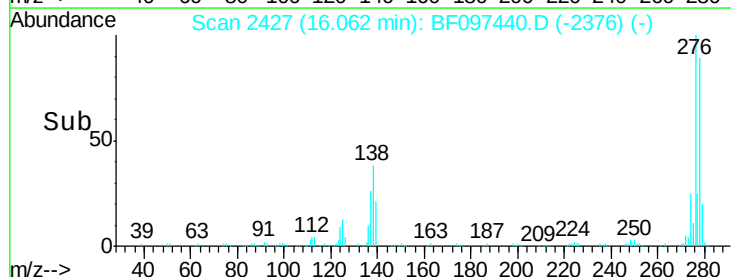
150000

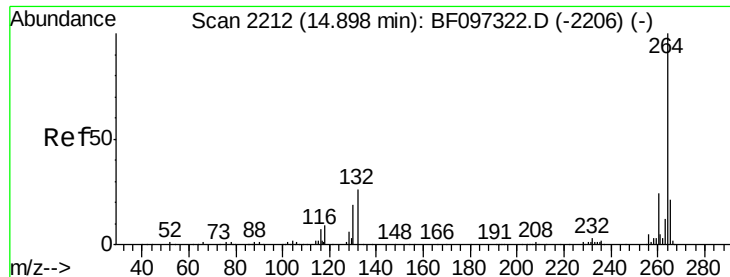
100000

50000

0

Time-->



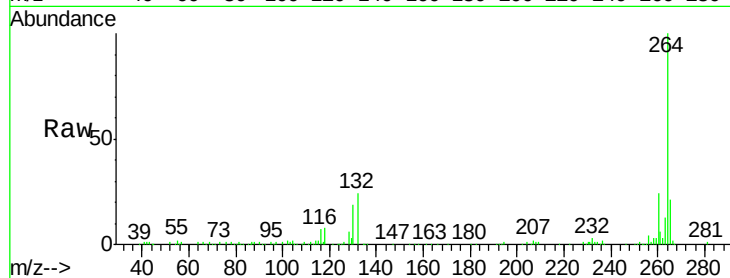


#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.87 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

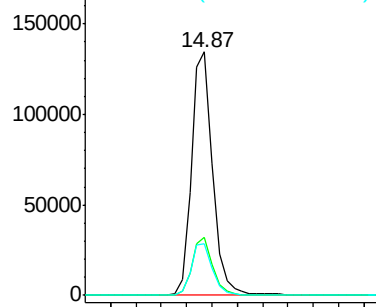
Instrument :
BNA_F
ClientSampleId :
TEC-BNMSD

Tot Ion:264 Resp: 156176

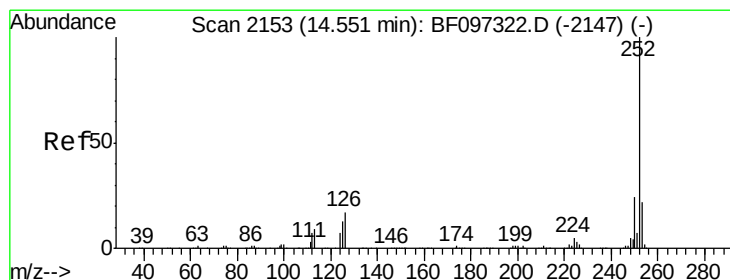
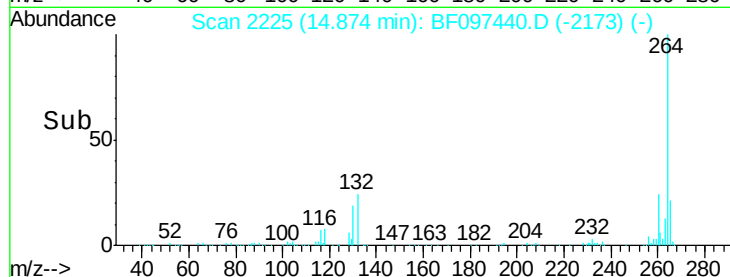
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.3	17.2	25.8



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



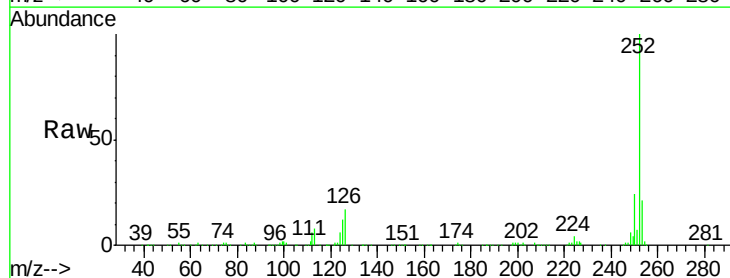
Time-->



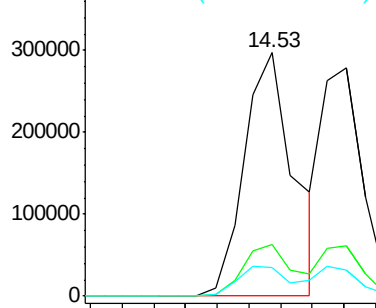
#87
Benzo(b)fluoranthene
Concen: 34.41 ng
RT: 14.53 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

Tgt Ion:252 Resp: 323091

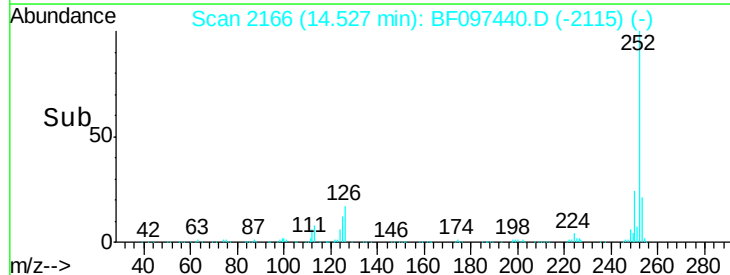
Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	11.9	9.8	14.8

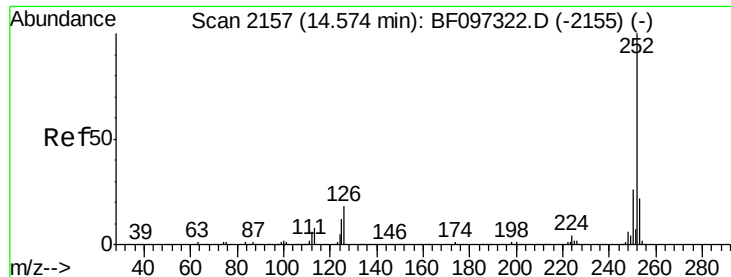


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->

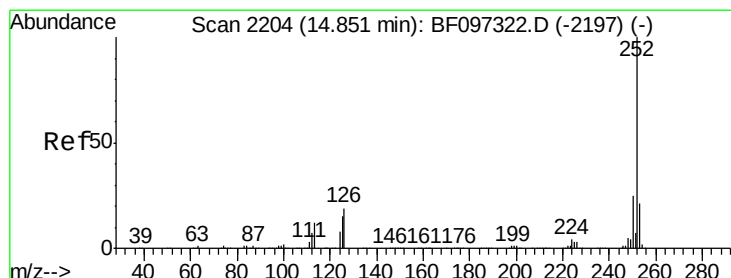
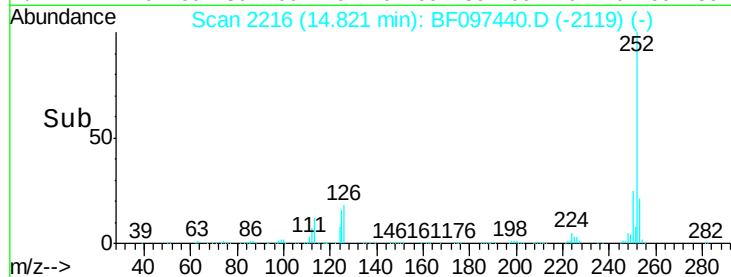
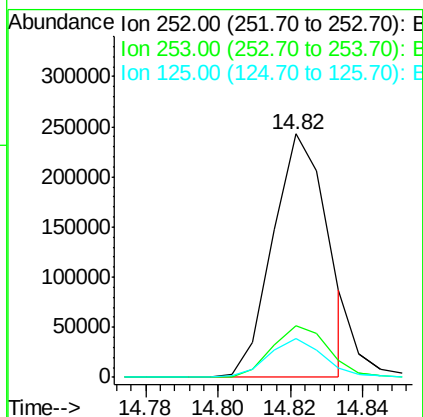
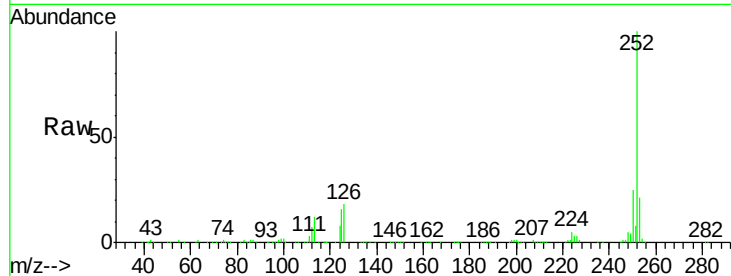




#88
Benzo(k)fluoranthene
Concen: 28.43 ng
RT: 14.82 min Scan# 2216
Delta R.T. 0.27 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

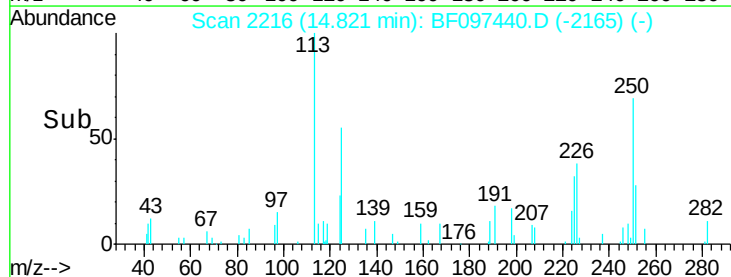
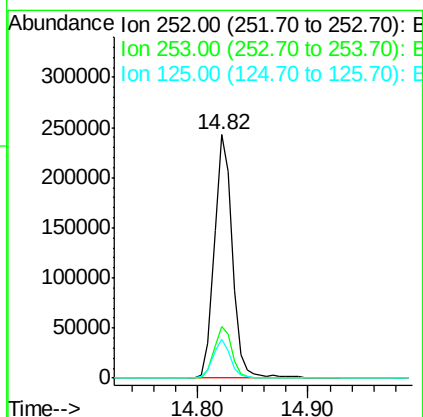
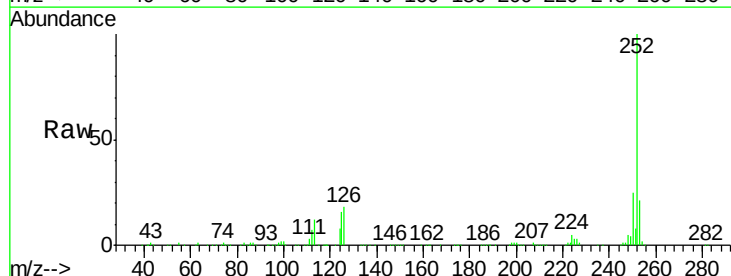
Instrument :
BNA_F
ClientSampleId :
TEC-BNMSD

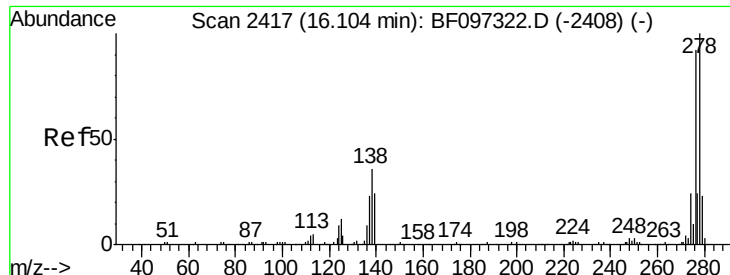
Tot Ion:252 Resp: 254347
Ion Ratio Lower Upper
252 100
253 21.4 18.4 27.6
125 15.9 13.1 19.7



#89
Benzo(a)pyrene
Concen: 31.76 ng
RT: 14.82 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF097440.D
Acq: 7 Aug 2017 20:23

Tgt Ion:252 Resp: 272858
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 15.9 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 28.14 ng

RT: 16.06 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

TEC-BNMSD

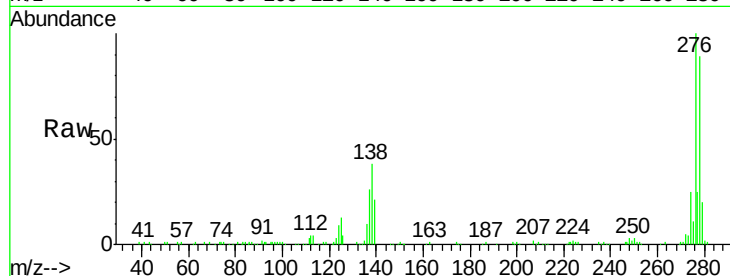
Tot Ion:278 Resp: 198306

Ion Ratio Lower Upper

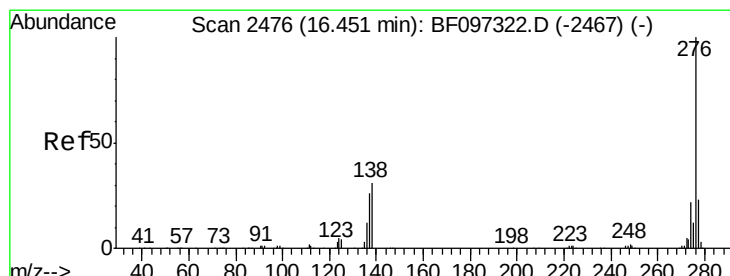
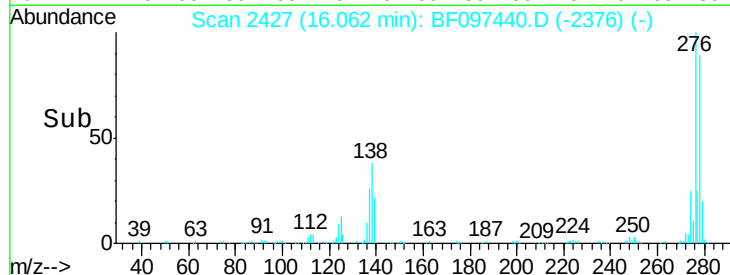
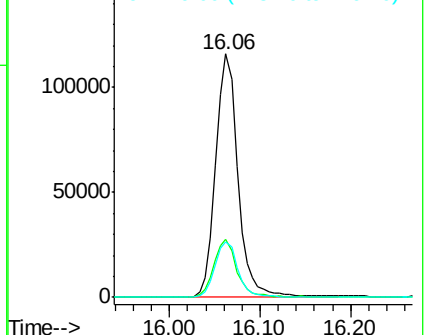
278 100

139 23.7 16.6 24.8

279 22.7 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(g,h,i)perylene

Concen: 25.49 ng

RT: 16.41 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BF097440.D

Acq: 7 Aug 2017 20:23

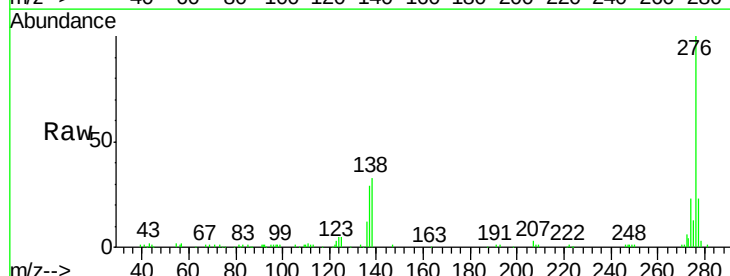
Tgt Ion:276 Resp: 188377

Ion Ratio Lower Upper

276 100

277 23.0 18.6 28.0

138 32.8 25.4 38.0



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

