

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097026.D
 Acq On : 25 Jul 2017 13:56
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 25 14:53:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	152481	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	597781	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	256637	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	414507	20.00	ng	0.00
75) Chrysene-d12	13.63	240	270178	20.00	ng	0.00
86) Perylene-d12	14.97	264	273342	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	756755	74.82	ng	0.00
7) Phenol-d6	6.17	99	889583	77.04	ng	0.00
23) Nitrobenzene-d5	7.07	82	849002	83.32	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	154618	76.25	ng	0.00
44) 2-Fluorobiphenyl	8.87	172	1161759	76.83	ng	0.00
78) Terphenyl-d14	12.59	244	1015550	76.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	149865	35.504	ng	# 74
3) Pyridine	2.66	79	481436	37.248	ng	# 69
4) n-Nitrosodimethylamine	2.62	42	264872	36.990	ng	# 86
6) Aniline	6.16	93	559821	38.526	ng	# 80
8) 2-Chlorophenol	6.29	128	422484	39.062	ng	# 95
9) Benzaldehyde	6.05	77	272226	39.828	ng	# 98
10) Phenol	6.18	94	549923	40.149	ng	# 96
11) bis(2-Chloroethyl)ether	6.25	93	440602	40.672	ng	# 90
12) 1,3-Dichlorobenzene	6.44	146	440710	37.811	ng	# 97
13) 1,4-Dichlorobenzene	6.67	146	383085	33.165	ng	# 95
14) 1,2-Dichlorobenzene	6.67	146	383085	37.983	ng	# 97
15) Benzyl Alcohol	6.66	79	273550	37.417	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	6.79	45	857571	39.469	ng	# 84
17) 2-Methylphenol	6.79	107	318011	38.097	ng	# 91
18) Hexachloroethane	7.01	117	166480	39.395	ng	# 79
19) n-Nitroso-di-n-propylamine	6.93	70	295731	38.908	ng	# 83
20) 3+4-Methylphenols	6.95	107	423415	38.837	ng	# 62
22) Acetophenone	6.92	105	579052	40.337	ng	# 99
24) Nitrobenzene	7.09	77	445529	41.981	ng	# 96
25) Isophorone	7.34	82	757817	37.975	ng	# 97
26) 2-Nitrophenol	7.41	139	227838	39.682	ng	# 90
27) 2,4-Dimethylphenol	7.47	122	353251	37.297	ng	# 95
28) bis(2-Chloroethoxy)methane	7.55	93	483732	37.145	ng	# 98
29) 2,4-Dichlorophenol	7.66	162	322906	39.575	ng	# 96
30) 1,2,4-Trichlorobenzene	7.73	180	289066	37.168	ng	# 96
31) Naphthalene	7.81	128	1062119	37.692	ng	# 99
32) Benzoic acid	7.63	122	271638	38.408	ng	# 93
33) 4-Chloroaniline	7.86	127	438717	38.263	ng	# 99
34) Hexachlorobutadiene	7.93	225	155616	37.743	ng	# 97
35) Caprolactam	8.25	113	101667	38.858	ng	# 47
36) 4-Chloro-3-methylphenol	8.37	107	348972	39.203	ng	# 89
37) 2-Methylnaphthalene	8.50	142	655592	36.746	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	261465	38.183	ng	# 100
40) Hexachlorocyclopentadiene	8.66	237	81032	37.643	ng	# 98

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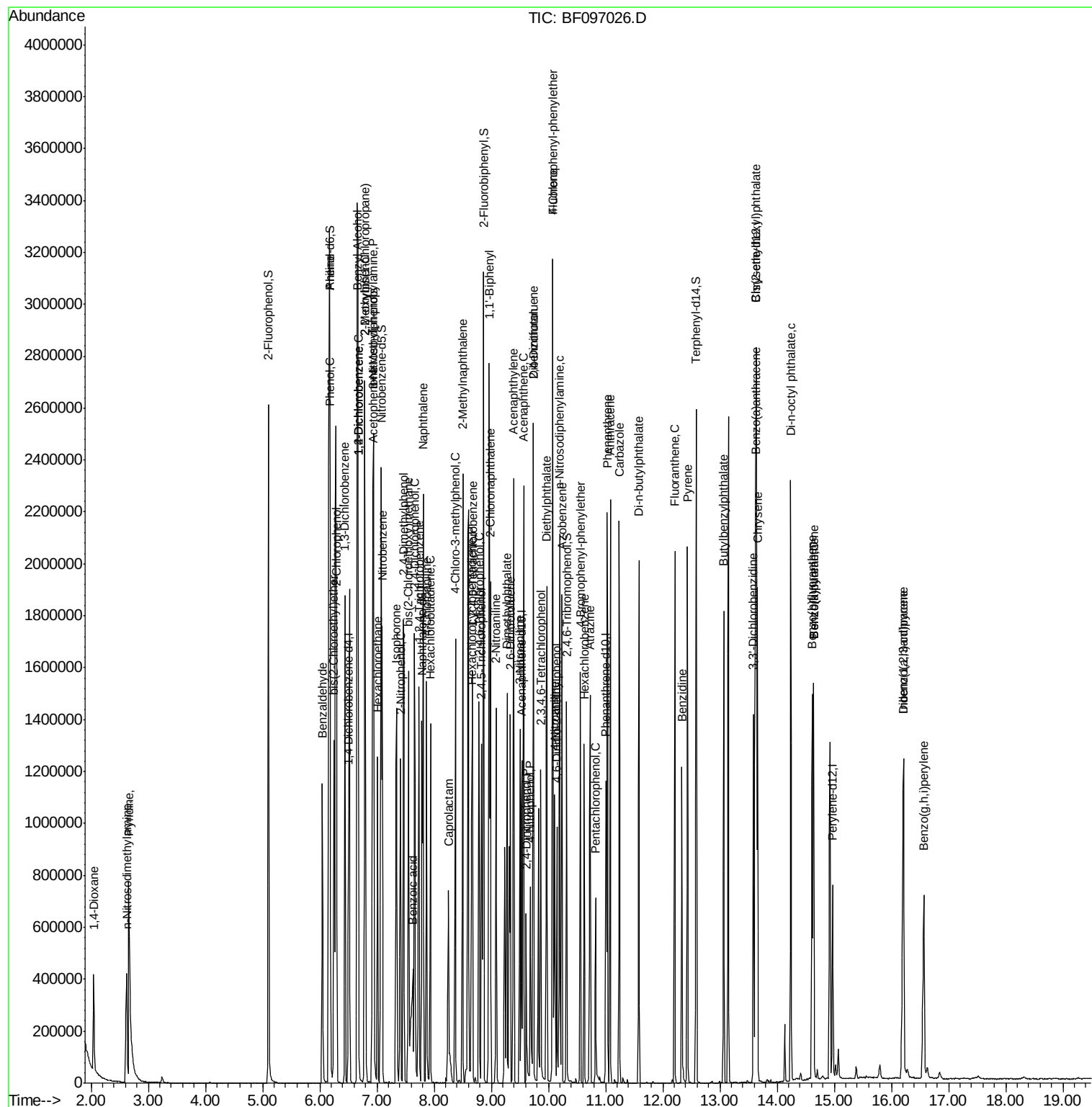
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	192963	38.885	ng	99
43) 2,4,5-Trichlorophenol	8.83	196	191348	38.524	ng	99
45) 1,1'-Biphenyl	8.96	154	822990	37.545	ng	98
46) 2-Chloronaphthalene	8.99	162	605128	37.514	ng	94
47) 2-Nitroaniline	9.09	65	244428	41.753	ng	98
48) Acenaphthylene	9.39	152	938338	37.898	ng	99
49) Dimethylphthalate	9.27	163	743903	38.171	ng	99
50) 2,6-Dinitrotoluene	9.33	165	161532	39.080	ng	# 81
51) Acenaphthene	9.56	154	554220	38.001	ng	100
52) 3-Nitroaniline	9.50	138	200770	39.132	ng	94
53) 2,4-Dinitrophenol	9.61	184	77326	41.145	ng	# 74
54) Dibenzofuran	9.74	168	712174	36.661	ng	99
55) 4-Nitrophenol	9.68	139	118825	38.945	ng	# 63
56) 2,4-Dinitrotoluene	9.73	165	178495	37.565	ng	# 48
57) Fluorene	10.08	166	577911	39.582	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.86	232	129337	37.713	ng	100
59) Diethylphthalate	9.97	149	722973	40.436	ng	100
60) 4-Chlorophenyl-phenylether	10.07	204	238105	39.492	ng	95
61) 4-Nitroaniline	10.11	138	201395	41.312	ng	92
62) Azobenzene	10.23	77	643159	38.776	ng	93
64) 4,6-Dinitro-2-methylphenol	10.15	198	114618	44.500	ng	93
65) n-Nitrosodiphenylamine	10.20	169	558581	38.730	ng	99
66) 4-Bromophenyl-phenylether	10.56	248	163439	39.510	ng	95
67) Hexachlorobenzene	10.63	284	177244	38.209	ng	# 90
68) Atrazine	10.73	200	158438	38.310	ng	92
69) Pentachlorophenol	10.82	266	74340	38.732	ng	98
70) Phenanthrene	11.03	178	840112	37.827	ng	99
71) Anthracene	11.08	178	846333	37.206	ng	99
72) Carbazole	11.24	167	851190	38.048	ng	100
73) Di-n-butylphthalate	11.58	149	1084158	39.205	ng	99
74) Fluoranthene	12.21	202	826420	37.983	ng	99
76) Benzidine	12.33	184	419295	41.825	ng	97
77) Pyrene	12.43	202	841914	38.064	ng	99
79) Butylbenzylphthalate	13.07	149	451040	40.088	ng	# 82
80) Benzo(a)anthracene	13.62	228	677547	38.758	ng	99
81) 3,3'-Dichlorobenzidine	13.59	252	258305	39.182	ng	97
82) Chrysene	13.66	228	673656	39.464	ng	99
83) Bis(2-ethylhexyl)phthalate	13.63	149	573096	39.012	ng	99
84) Di-n-octyl phthalate	14.24	149	1040086	38.581	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.20	276	565102	38.607	ng	96
87) Benzo(b)fluoranthene	14.62	252	627920	38.215	ng	98
88) Benzo(k)fluoranthene	14.64	252	586511	37.459	ng	98
89) Benzo(a)pyrene	14.64	252	462508	30.756	ng	98
90) Dibenzo(a,h)anthracene	16.22	278	447781	36.310	ng	97
91) Benzo(g,h,i)perylene	16.57	276	477780	36.945	ng	96

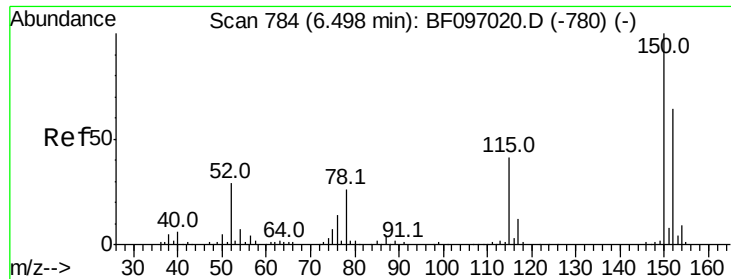
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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ClientSampled :

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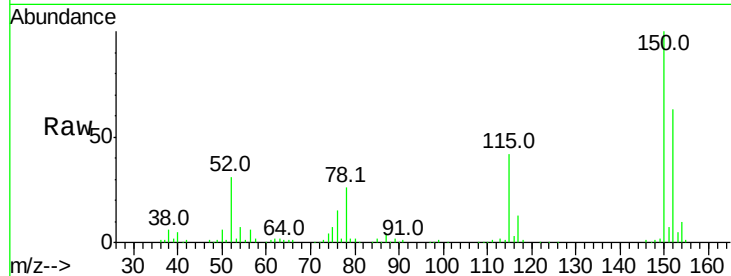


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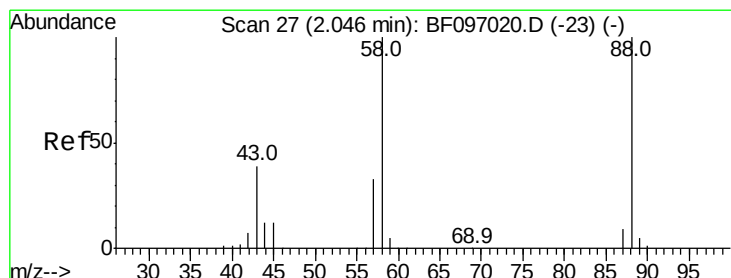
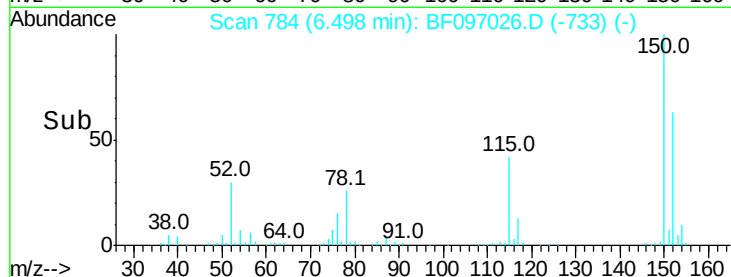
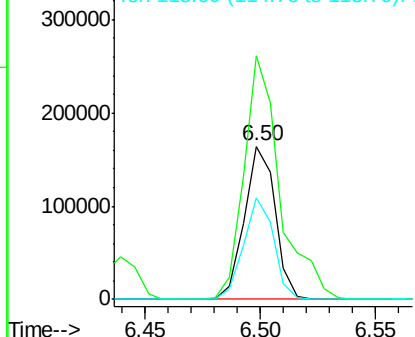
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 152481
Ion Ratio Lower Upper
152 100
150 159.3 126.2 189.2
115 66.7 52.2 78.2



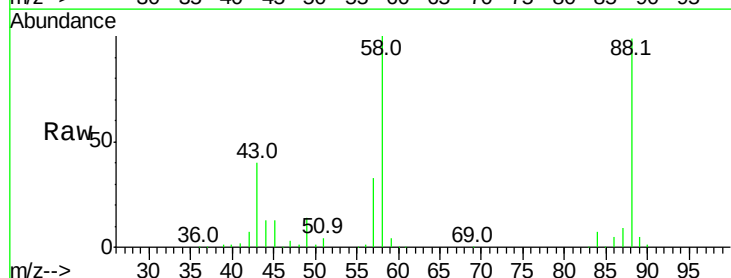
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



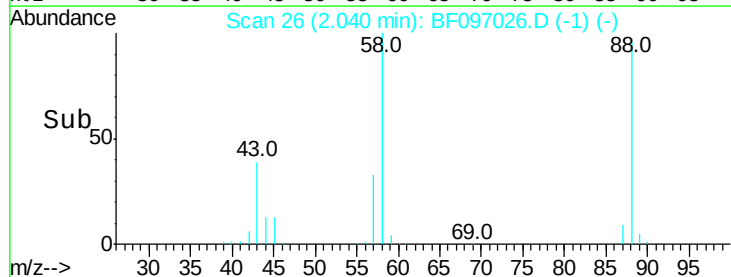
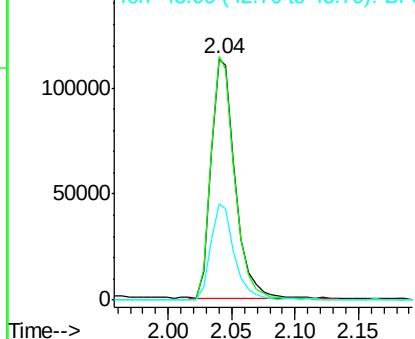
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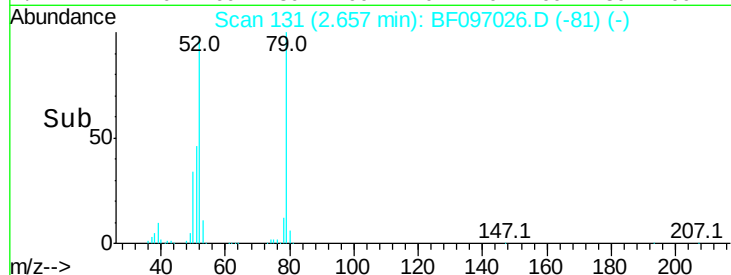
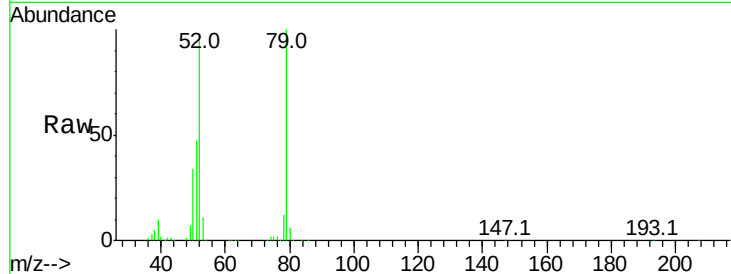
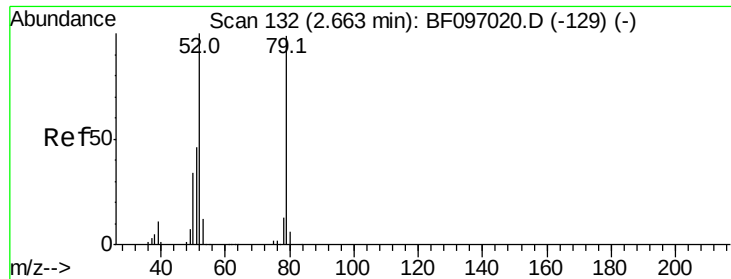
1,4-Dioxane
Concen: 35.504 ng
RT: 2.04 min Scan# 26
Delta R.T. -0.01 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

Tgt Ion: 88 Resp: 149865
Ion Ratio Lower Upper
88 100
58 101.0 61.4 92.0#
43 39.6 23.4 35.0#



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

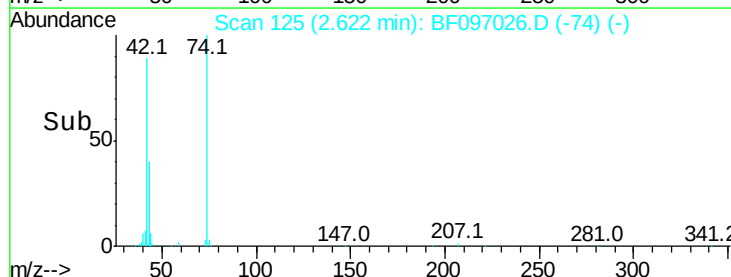
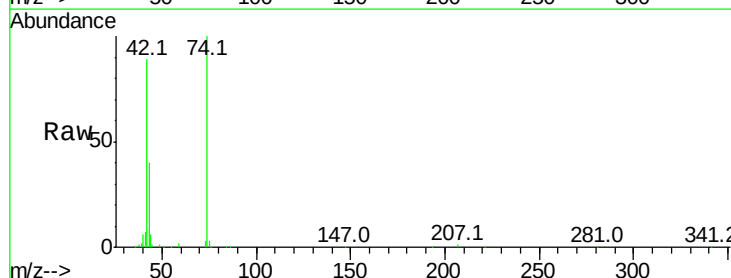
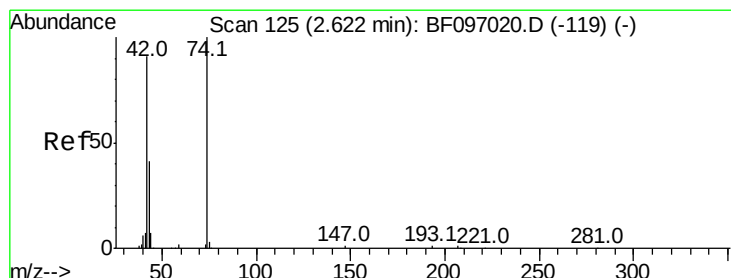
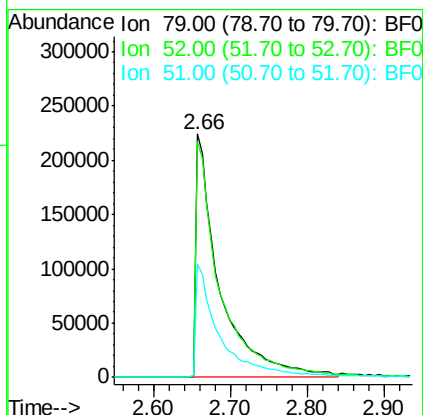




#3
 Pvridine
 Concen: 37.248 ng
 RT: 2.66 min Scan# 131
 Delta R.T. -0.01 min
 Lab File: BF097026.D
 Acq: 25 Jul 2017 13:56

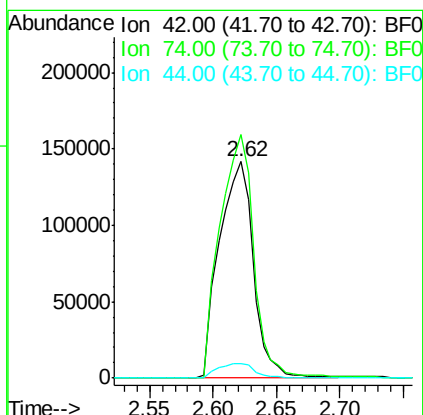
Instrument :
 BNA_F
 ClientSampleId :

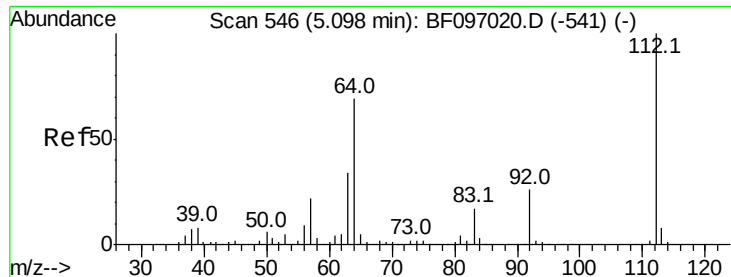
Tot Ion: 79 Resp: 481436
 Ion Ratio Lower Upper
 79 100
 52 97.0 54.8 82.2#
 51 46.5 27.0 40.4#



#4
 n-Nitrosodimethylamine
 Concen: 36.990 ng
 RT: 2.62 min Scan# 125
 Delta R.T. -0.00 min
 Lab File: BF097026.D
 Acq: 25 Jul 2017 13:56

Tgt Ion: 42 Resp: 264872
 Ion Ratio Lower Upper
 42 100
 74 112.6 103.9 155.9
 44 6.9 5.7 8.5





#5

2-Fluorophenol

Concen: 74.816 ng

RT: 5.10 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

Instrument :

BNA_F

ClientSampled :

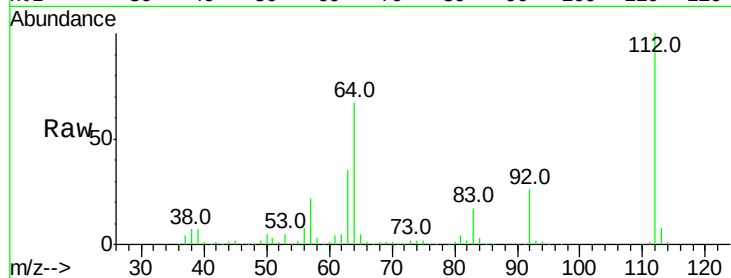
Tot Ion:112 Resp: 756755

Ion Ratio Lower Upper

112 100

64 67.4 46.0 69.0

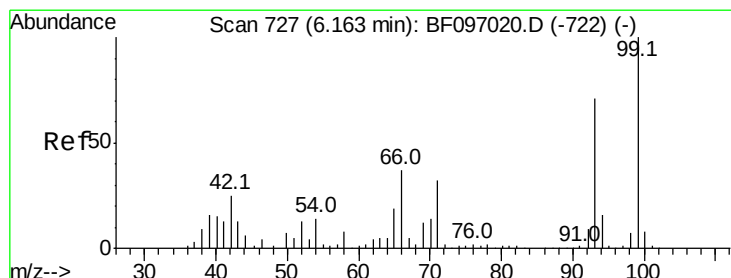
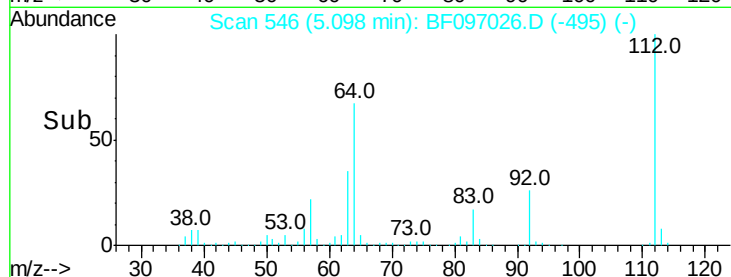
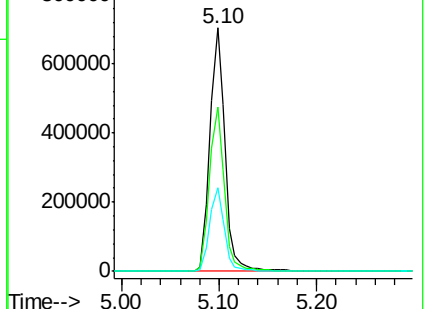
63 34.6 23.4 35.0



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: 38.526 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

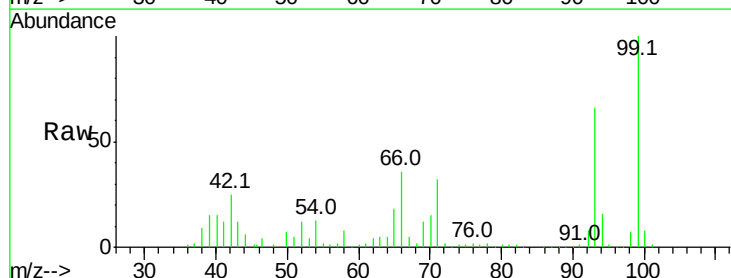
Tgt Ion: 93 Resp: 559821

Ion Ratio Lower Upper

93 100

66 54.9 32.9 49.3#

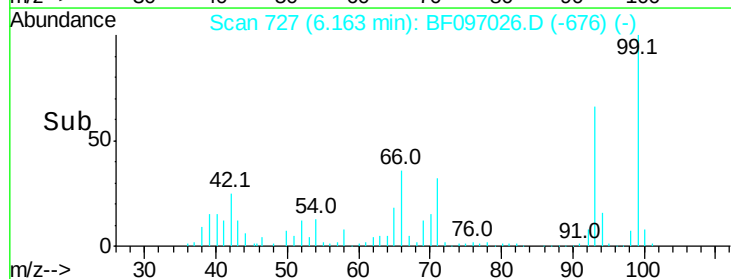
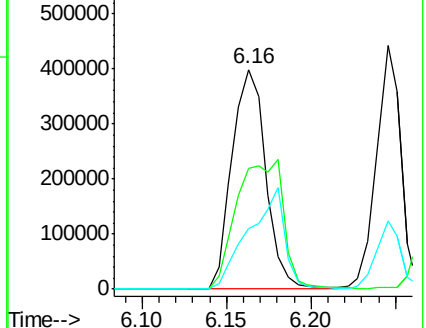
65 27.8 16.0 24.0#

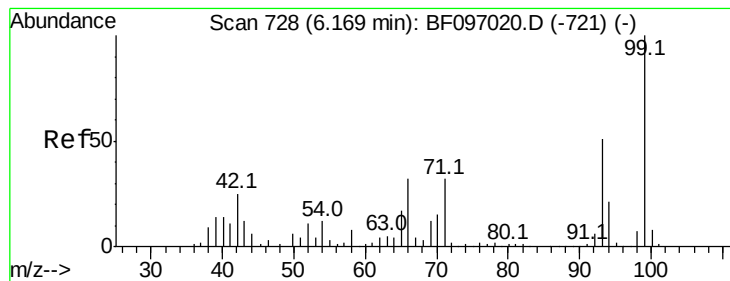


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.038 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

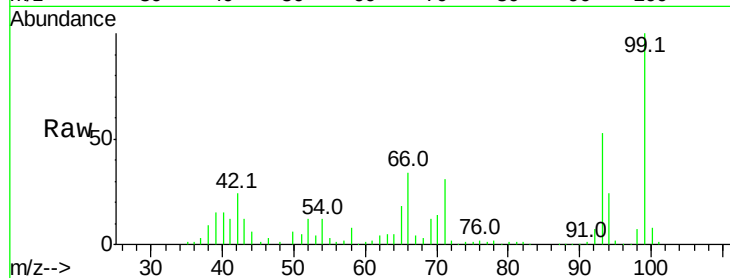
Instrument :

BNA_F

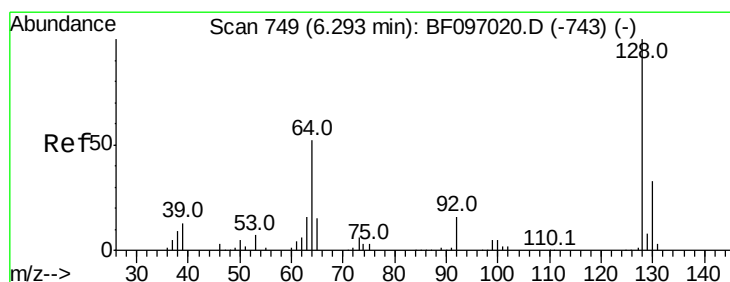
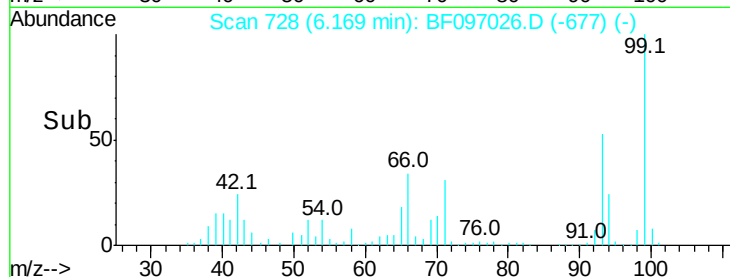
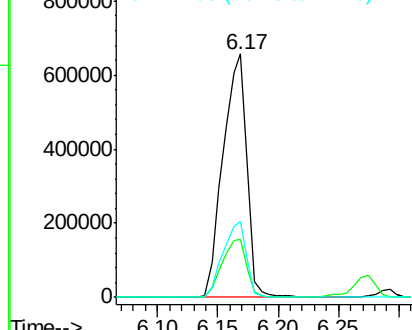
ClientSampled :

Tot Ion: 99 Resp: 889583

Ion	Ratio	Lower	Upper
99	100		
42	24.0	13.5	20.3#
71	31.3	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.062 ng

RT: 6.29 min Scan# 749

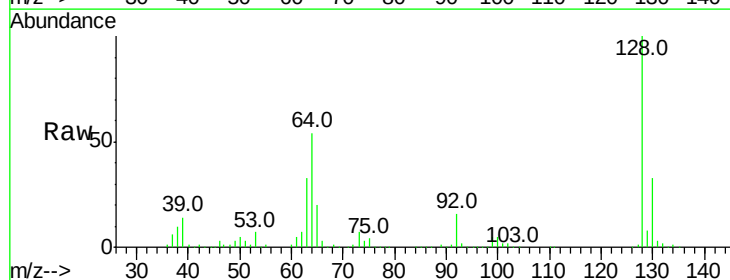
Delta R.T. -0.00 min

Lab File: BF097026.D

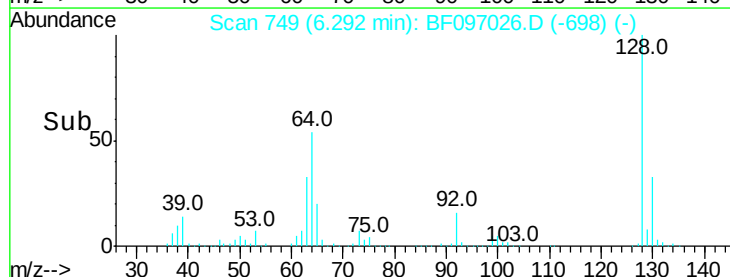
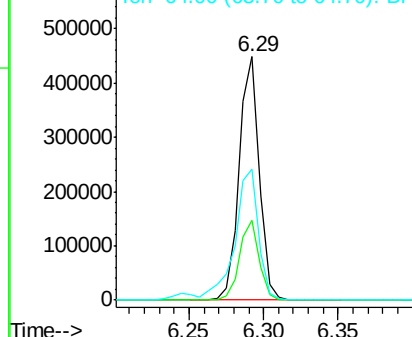
Acq: 25 Jul 2017 13:56

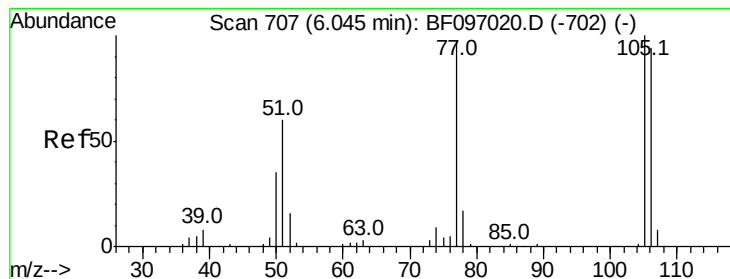
Tgt Ion: 128 Resp: 422484

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	54.0	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: 39.828 ng

RT: 6.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

Instrument :

BNA_F

ClientSampled :

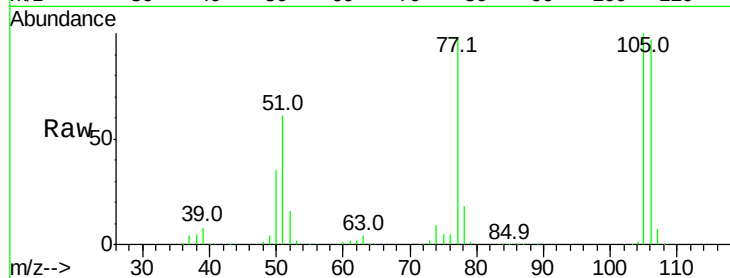
Tot Ion: 77 Resp: 272226

Ion Ratio Lower Upper

77 100

105 101.6 83.8 123.8

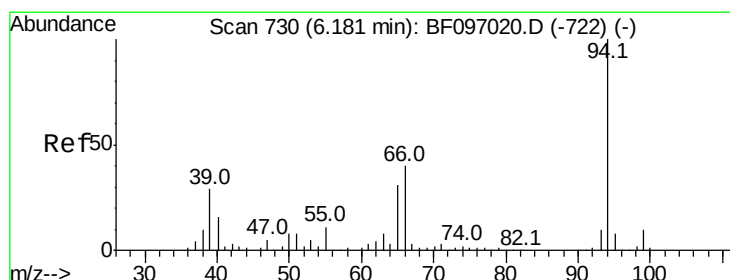
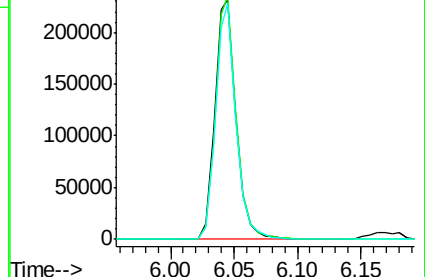
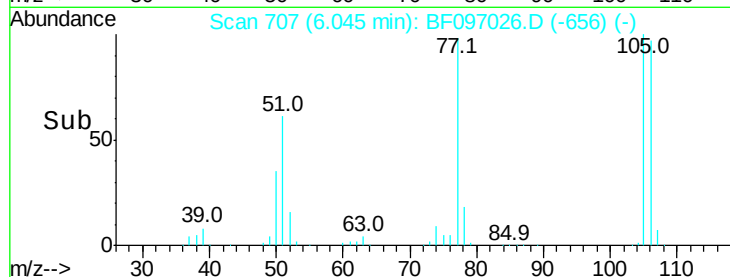
106 98.3 79.1 119.1



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: 40.149 ng

RT: 6.18 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

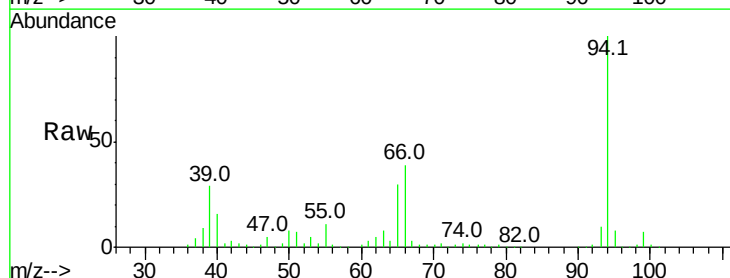
Tgt Ion: 94 Resp: 549923

Ion Ratio Lower Upper

94 100

65 30.2 9.9 49.9

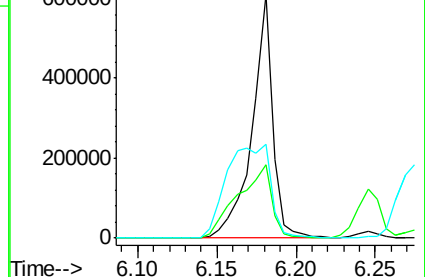
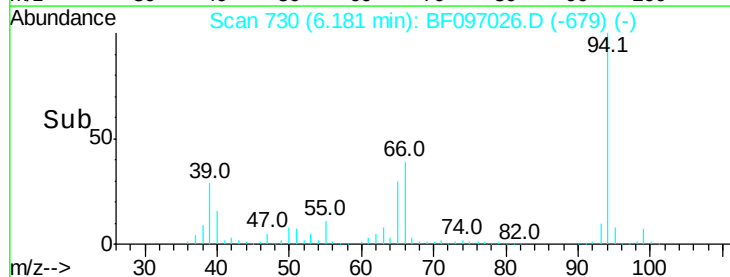
66 38.8 23.1 63.1

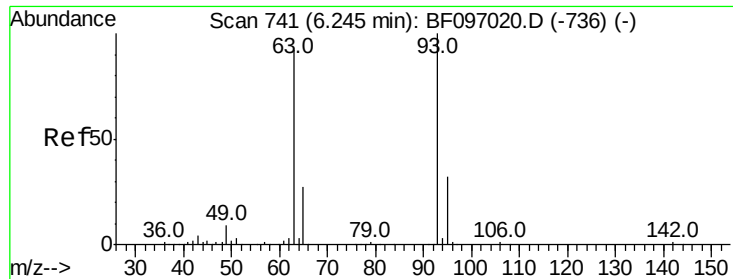


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.672 ng

RT: 6.25 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

Instrument :

BNA_F

ClientSampled :

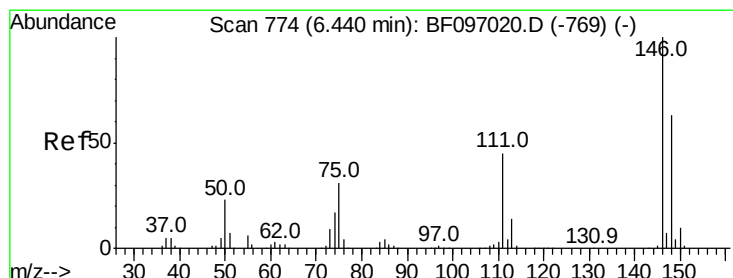
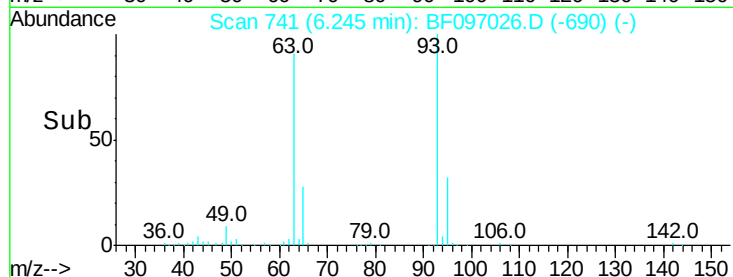
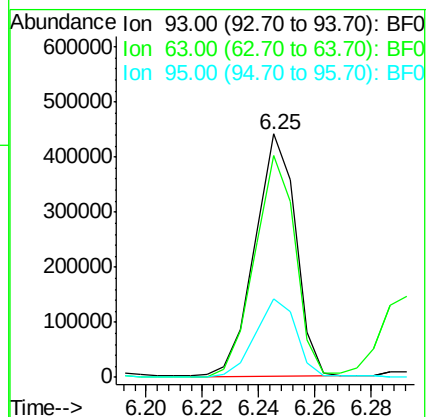
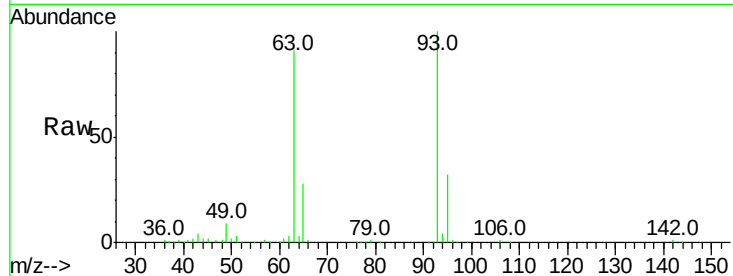
Tot Ion: 93 Resp: 440602

Ion Ratio Lower Upper

93 100

63 91.0 59.2 99.2

95 32.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 37.811 ng

RT: 6.44 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

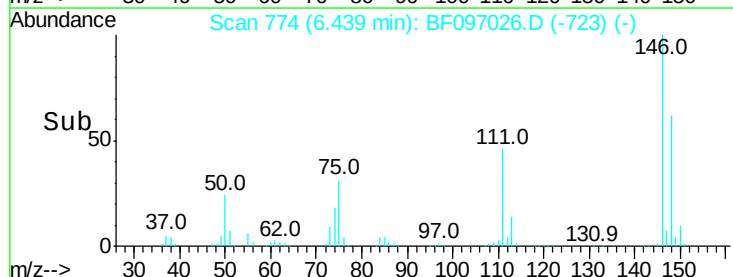
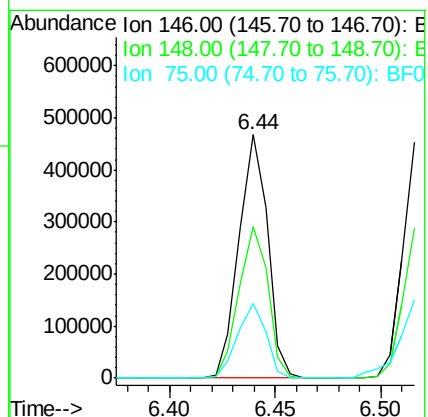
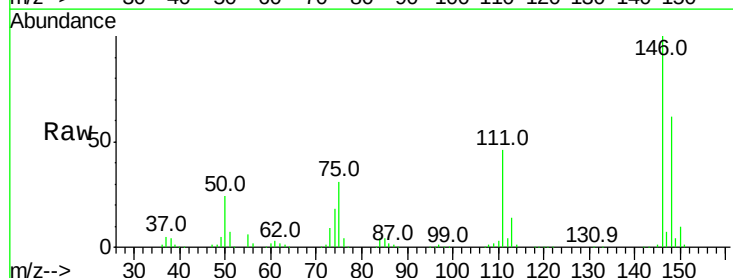
Tgt Ion: 146 Resp: 440710

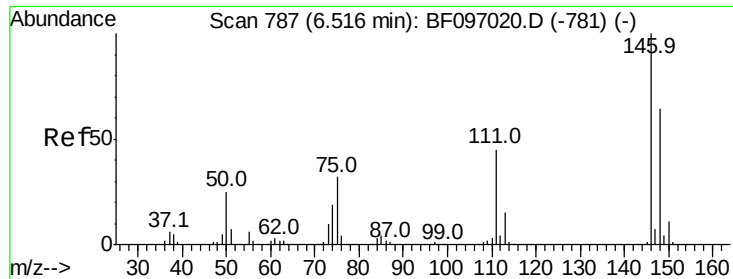
Ion Ratio Lower Upper

146 100

148 62.2 51.8 77.6

75 30.8 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 33.165 ng

RT: 6.67 min Scan# 814

Delta R.T. 0.16 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

Instrument :

BNA_F

ClientSampled :

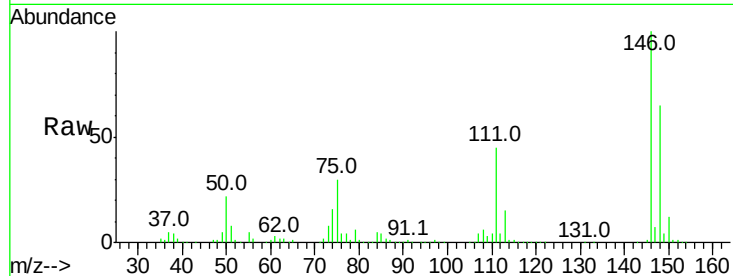
Tot Ion:146 Resp: 383085

Ion Ratio Lower Upper

146 100

148 65.4 52.2 78.2

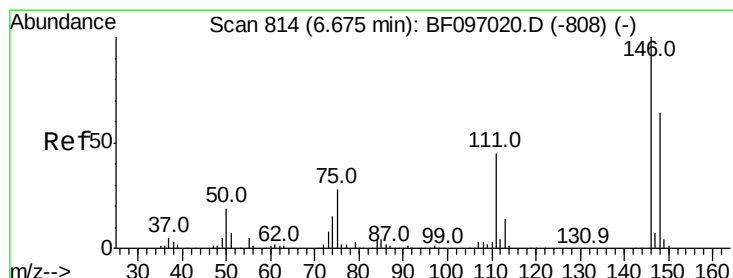
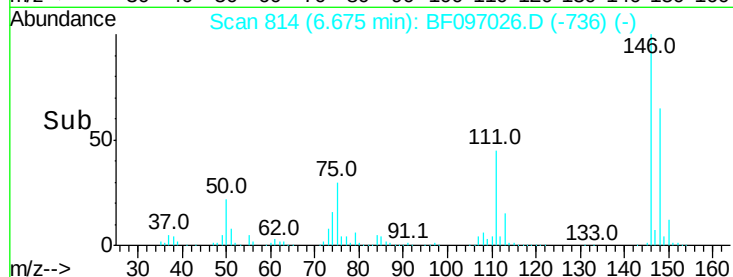
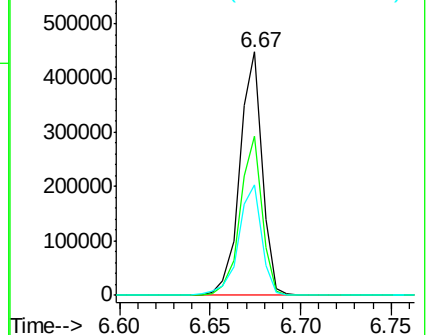
111 45.2 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.983 ng

RT: 6.67 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

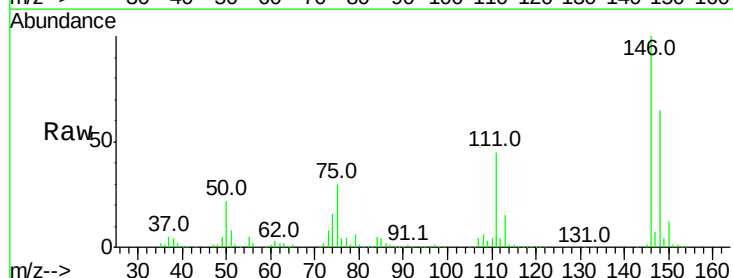
Tgt Ion:146 Resp: 383085

Ion Ratio Lower Upper

146 100

148 65.4 50.4 75.6

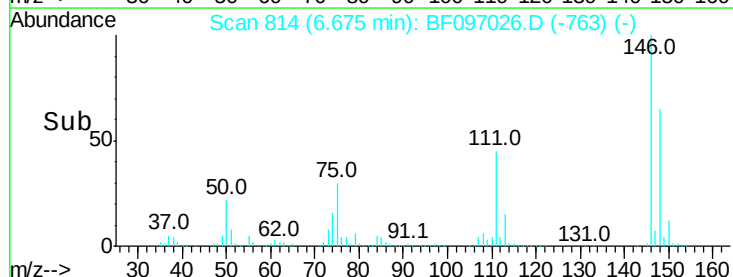
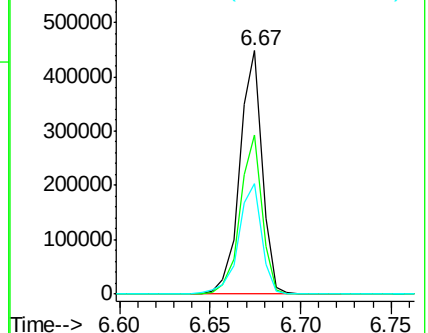
111 45.2 38.2 57.4

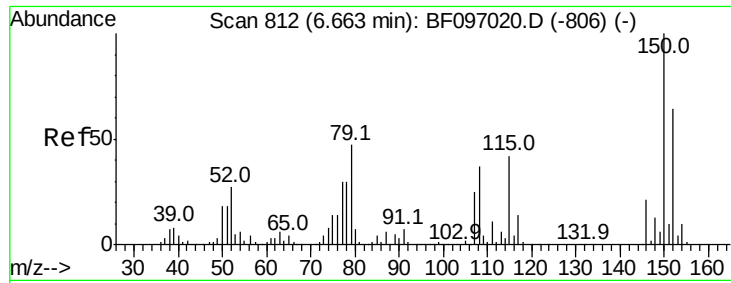


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

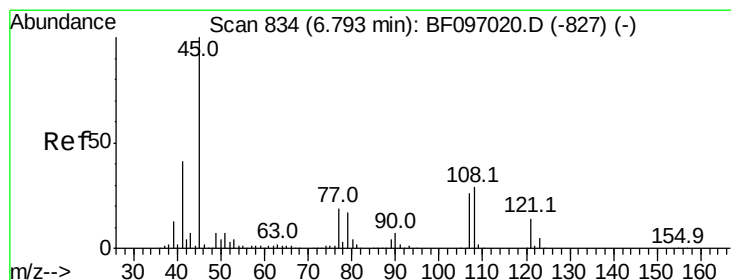
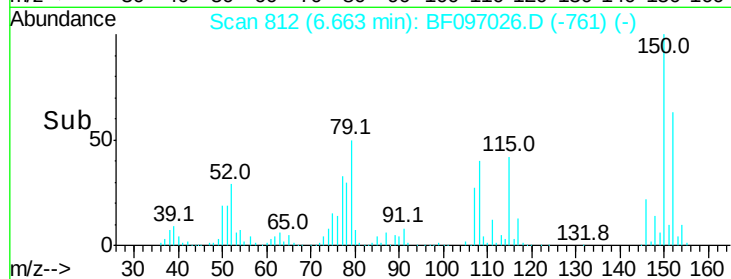
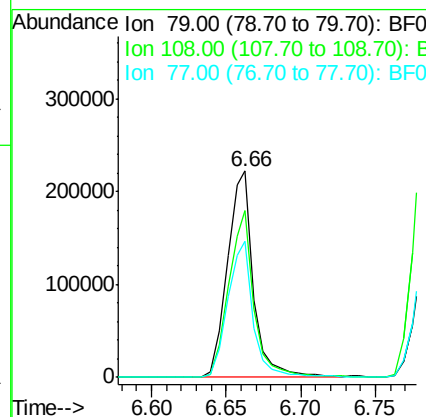
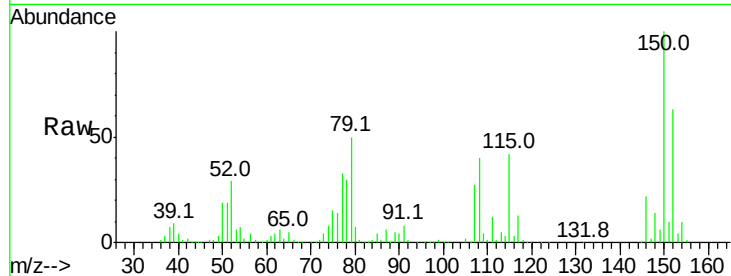




#15
Benzyl Alcohol
Concen: 37.417 ng
RT: 6.66 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

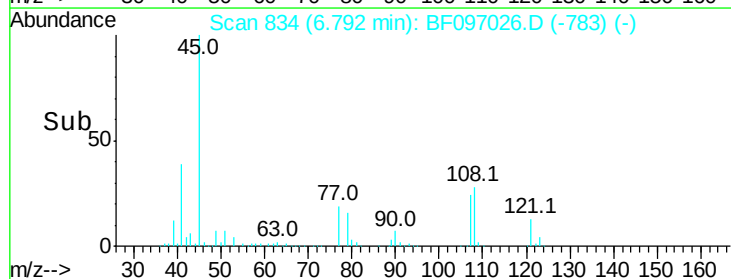
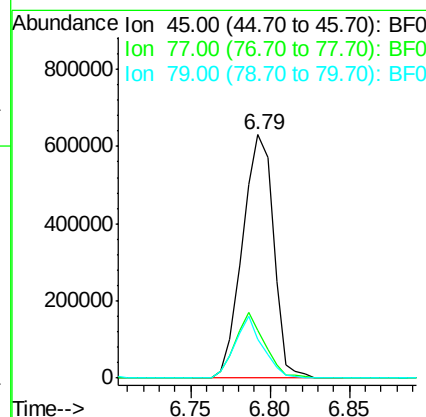
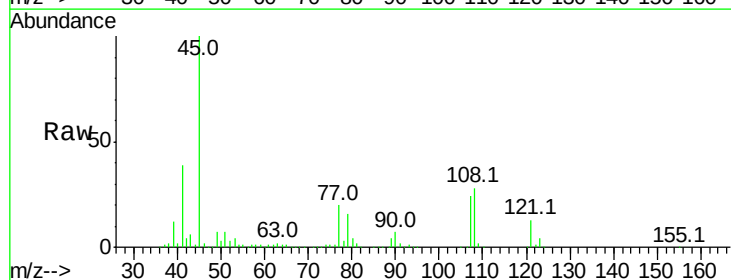
Instrument :
BNA_F
ClientSampled :

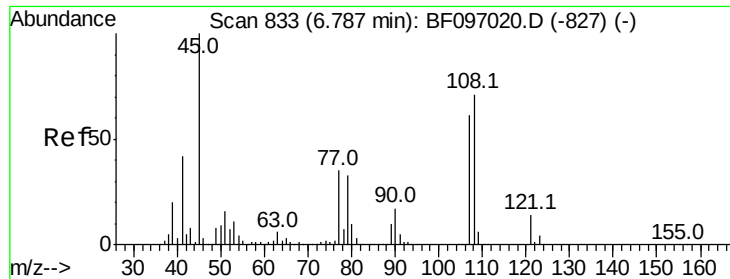
Tot Ion: 79 Resp: 273550
Ion Ratio Lower Upper
79 100
108 80.8 63.4 95.0
77 66.1 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.469 ng
RT: 6.79 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

Tgt Ion: 45 Resp: 857571
Ion Ratio Lower Upper
45 100
77 19.6 0.0 33.2
79 16.1 0.0 30.0

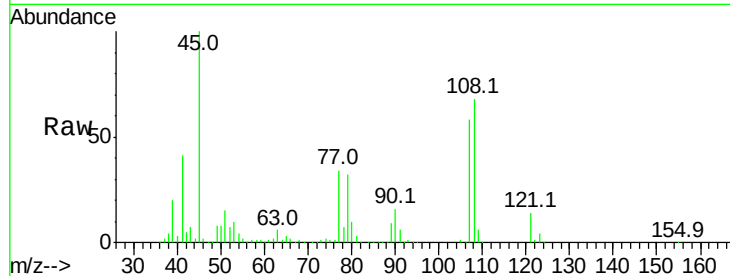




#17
2-Methylphenol
Concen: 38.097 ng
RT: 6.79 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	117.3	93.4	140.0
77	58.5	35.8	53.6#
79	54.5	34.8	52.2#



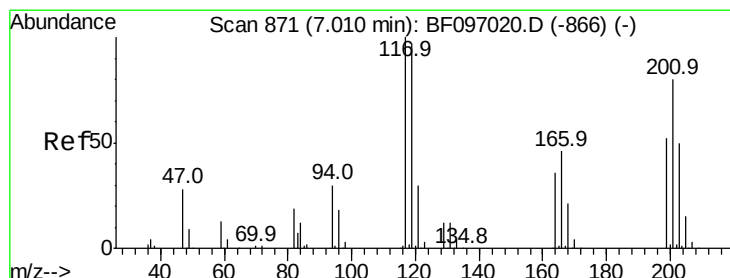
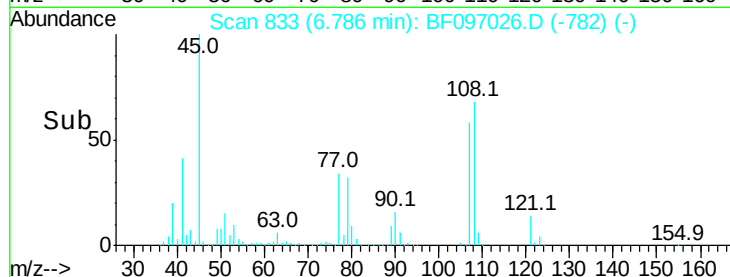
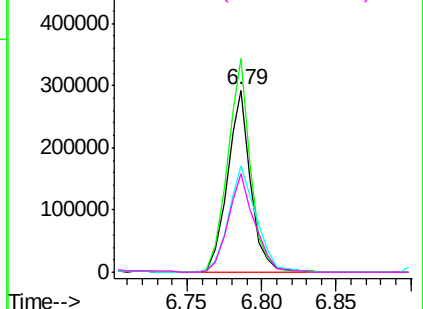
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

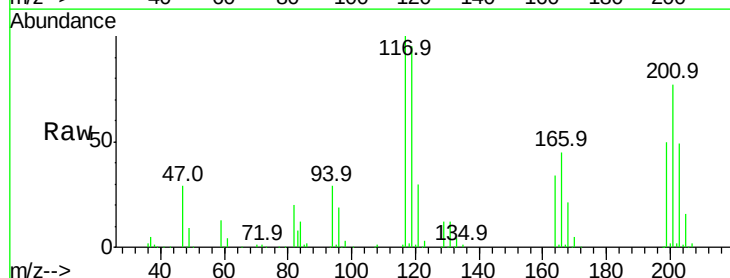
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 39.395 ng
RT: 7.01 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.4	116.0
201	77.1	94.6	141.8#

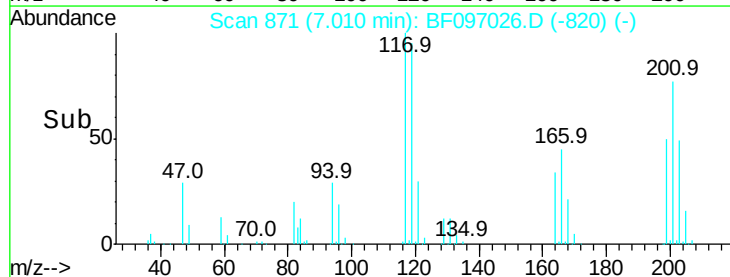
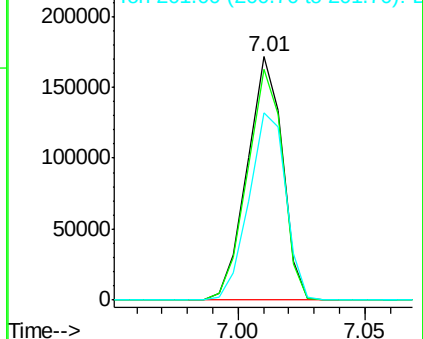


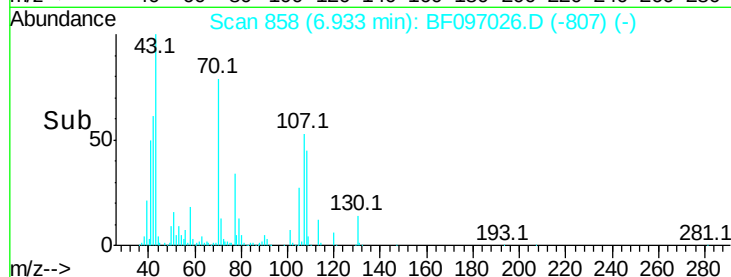
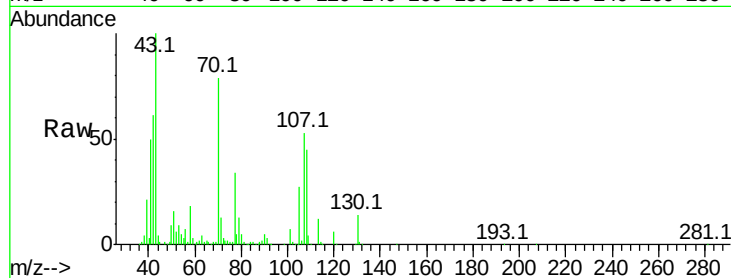
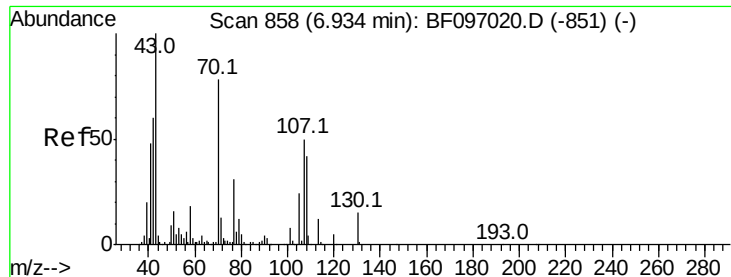
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

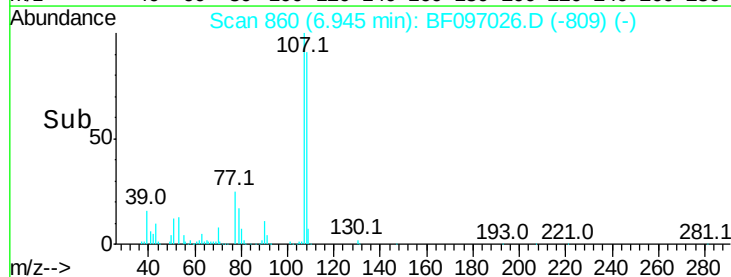
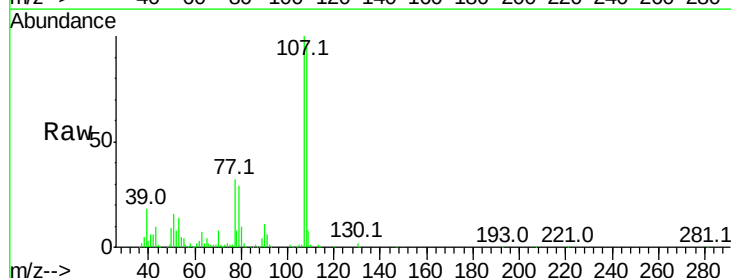
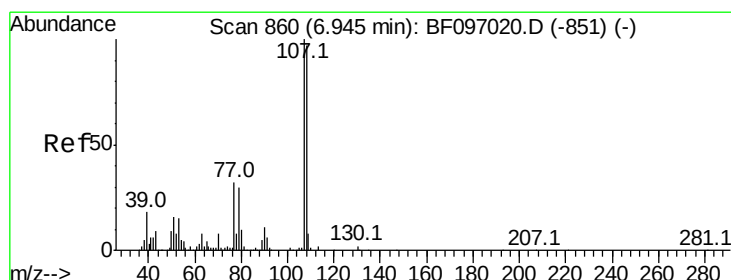
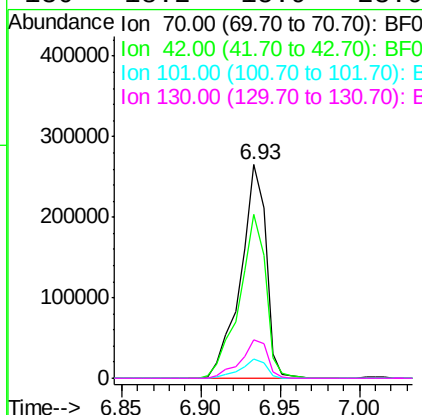




#19
n-Nitroso-di-n-propylamine
Concen: 38.908 ng
RT: 6.93 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

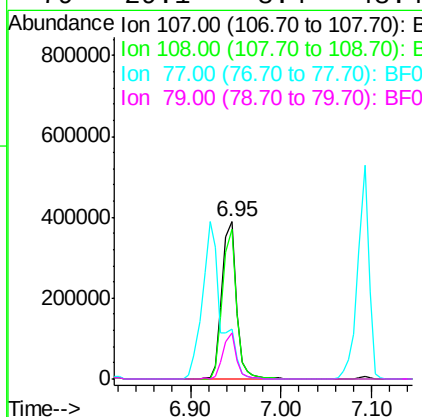
Instrument :
BNA_F
ClientSampleId :

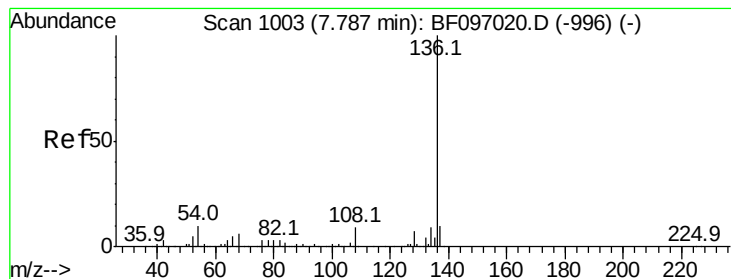
Tot Ion:	70	Resp:	295731
Ion	Ratio	Lower	Upper
70	100		
42	76.9	47.2	70.8#
101	9.0	7.2	10.8
130	18.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 38.837 ng
RT: 6.95 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

Tgt Ion:	107	Resp:	423415
Ion	Ratio	Lower	Upper
107	100		
108	95.0	71.0	111.0
77	31.8	90.5	130.5#
79	29.1	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.79 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 597781

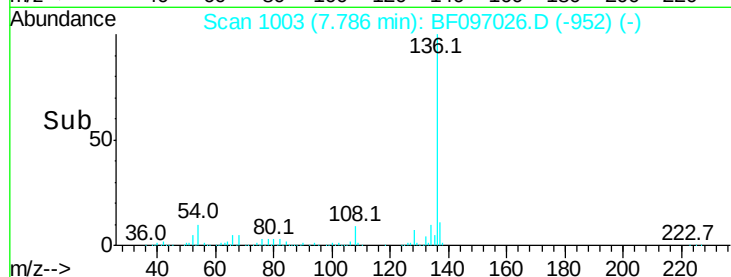
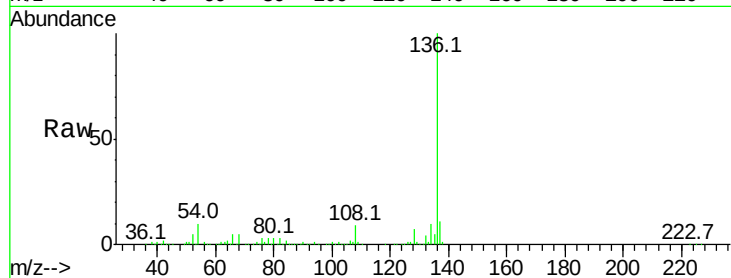
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.2 4.9 7.3#

68 5.4 4.1 6.1

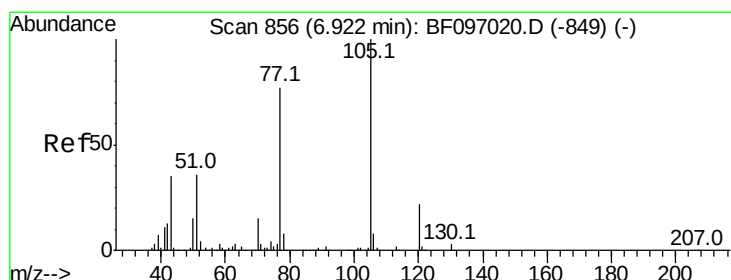
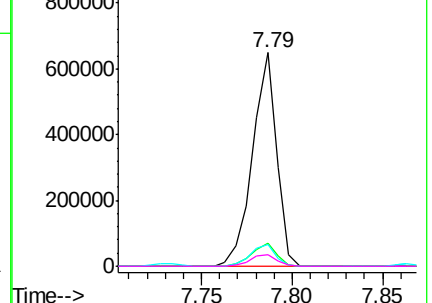


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.337 ng

RT: 6.92 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

Tgt Ion:105 Resp: 579052

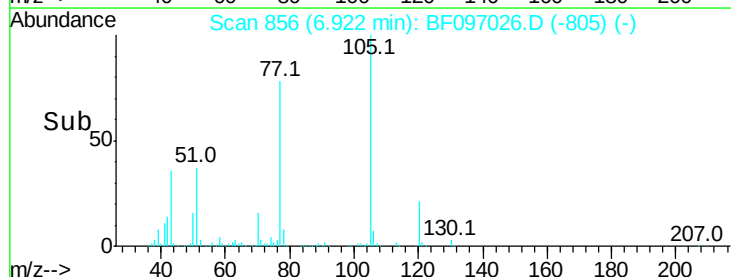
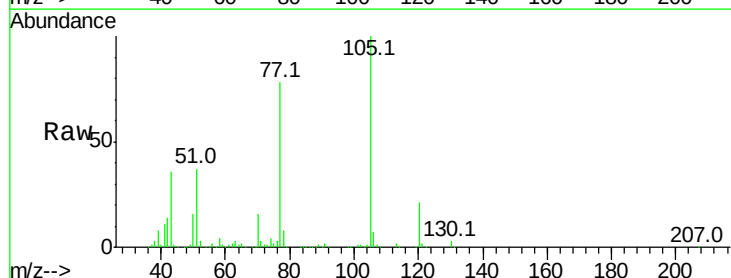
Ion Ratio Lower Upper

105 100

71 2.8 2.8 4.2

51 37.3 30.7 46.1

120 21.5 17.4 26.0

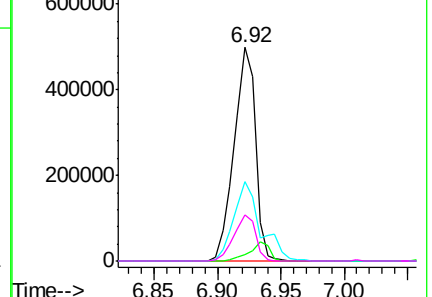


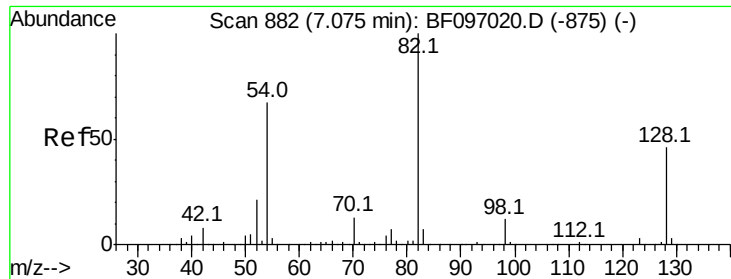
Abundance Ion 105.00 (104.70 to 105.70): E

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

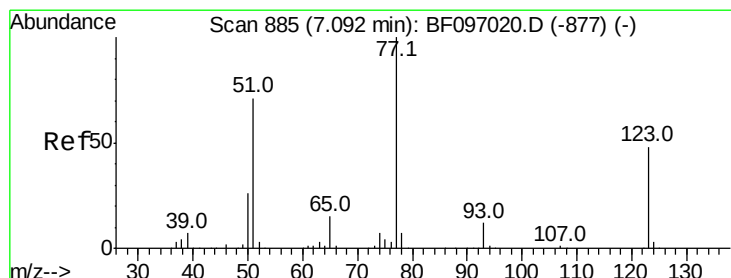
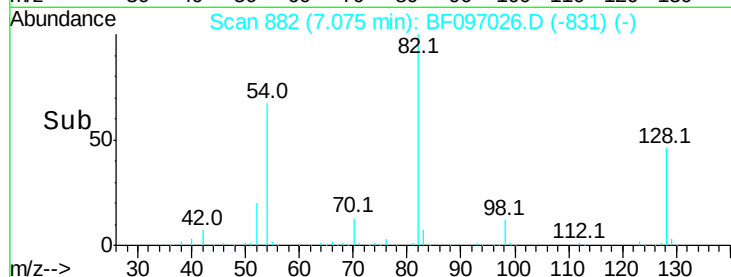
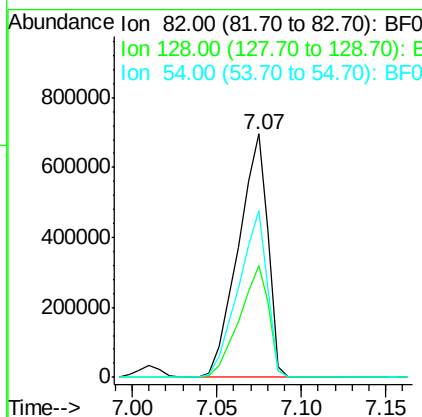
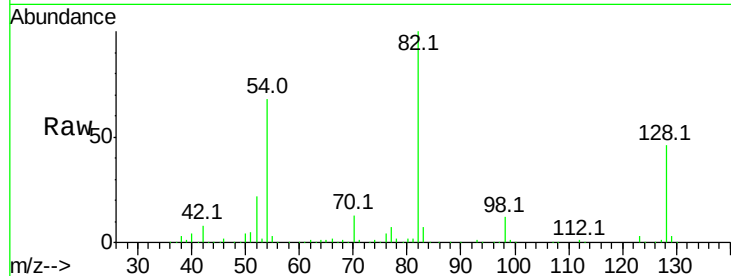




#23
 Nitrobenzene-d5
 Concen: 83.318 ng
 RT: 7.07 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BF097026.D
 Acq: 25 Jul 2017 13:56

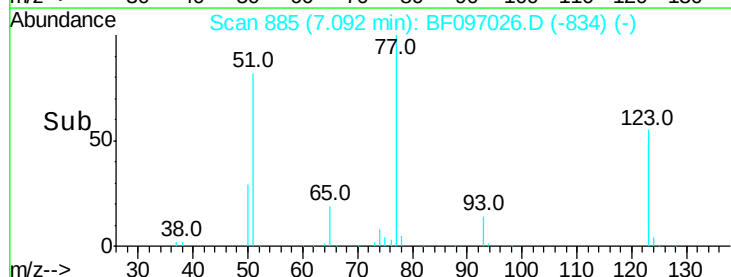
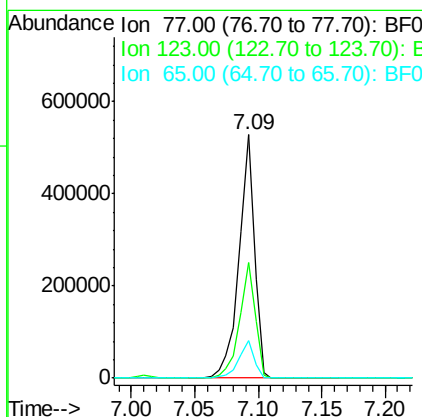
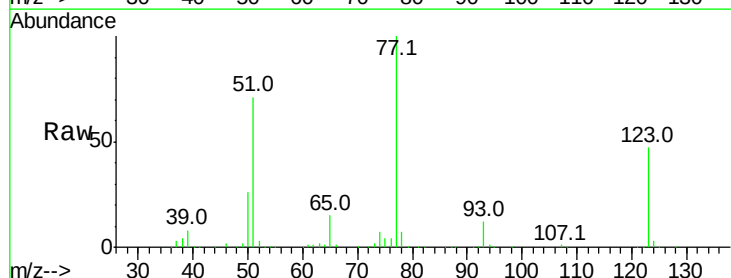
Instrument :
 BNA_F
 ClientSampled :

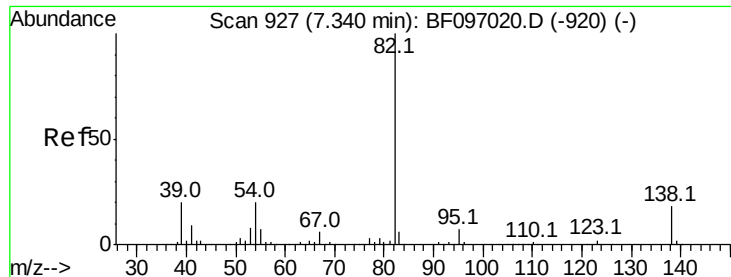
Tot Ion: 82 Resp: 849002
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.0 51.0
 54 68.3 42.2 63.2#



#24
 Nitrobenzene
 Concen: 41.981 ng
 RT: 7.09 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF097026.D
 Acq: 25 Jul 2017 13:56

Tgt Ion: 77 Resp: 445529
 Ion Ratio Lower Upper
 77 100
 123 47.5 35.8 53.8
 65 15.4 10.6 15.8





#25

Isophorone

Concen: 37.975 ng

RT: 7.34 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

Instrument :

BNA_F

ClientSampleId :

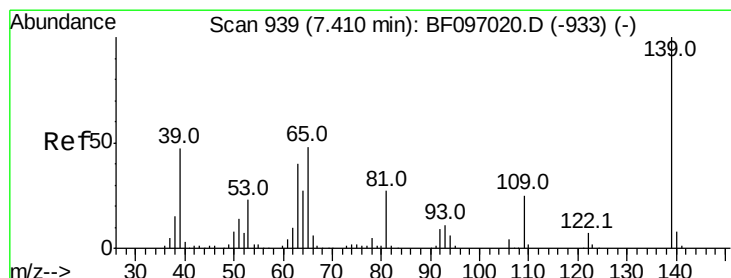
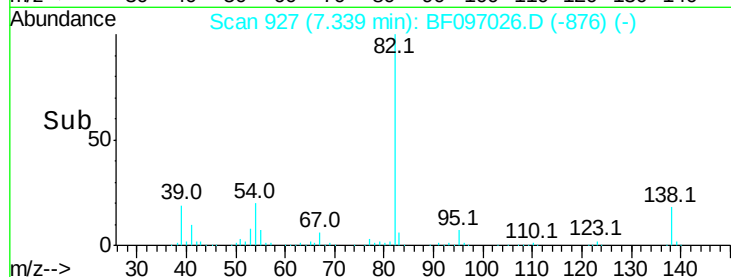
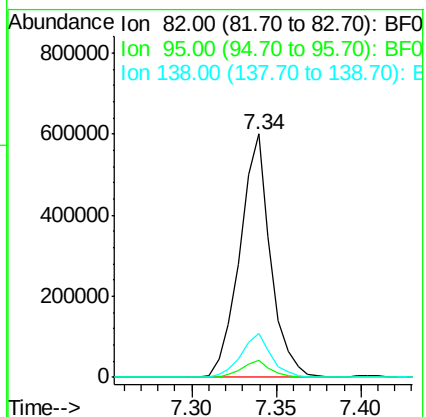
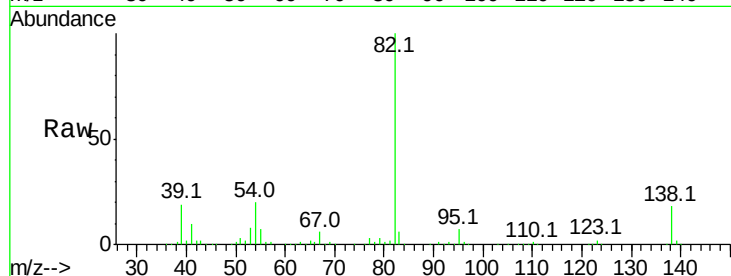
Tot Ion: 82 Resp: 757817

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.3	7.9
138	17.9	13.1	19.7

82 100

95 6.7 5.3 7.9

138 17.9 13.1 19.7



#26

2-Nitrophenol

Concen: 39.682 ng

RT: 7.41 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

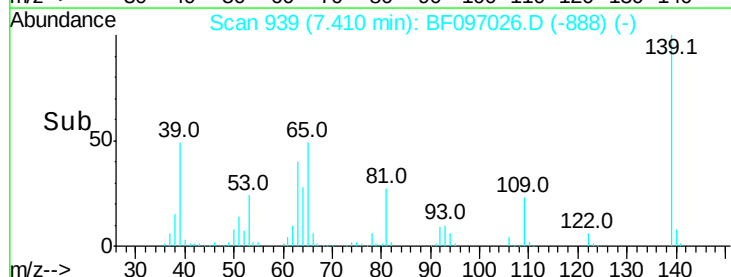
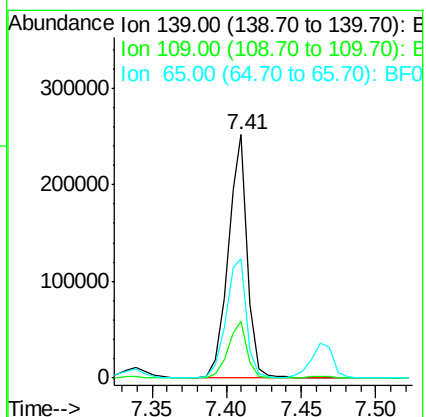
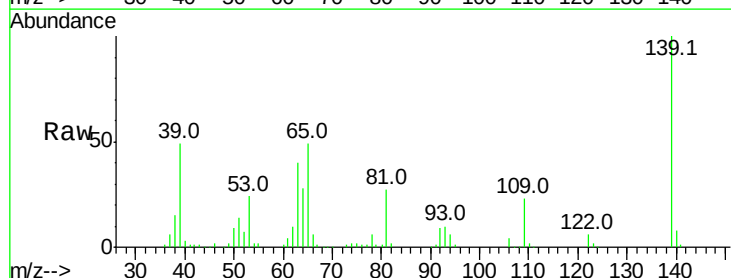
Tgt Ion: 139 Resp: 227838

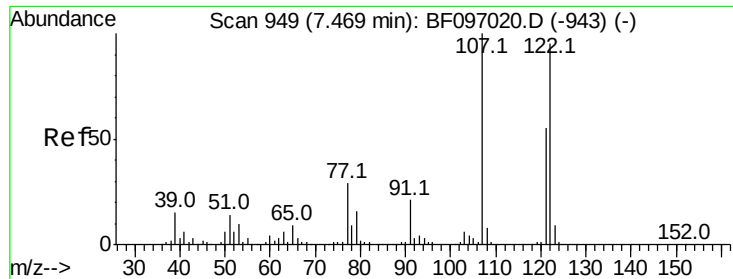
Ion	Ratio	Lower	Upper
139	100		
109	23.1	21.0	31.6
65	49.3	33.0	49.6

139 100

109 23.1 21.0 31.6

65 49.3 33.0 49.6

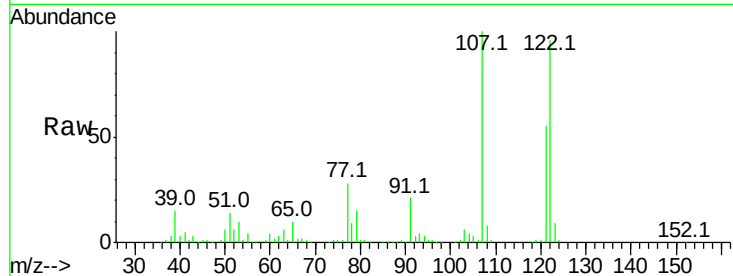




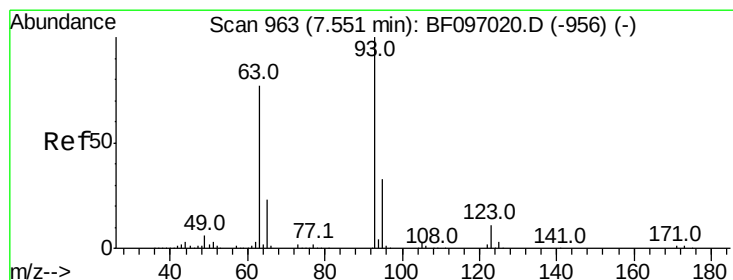
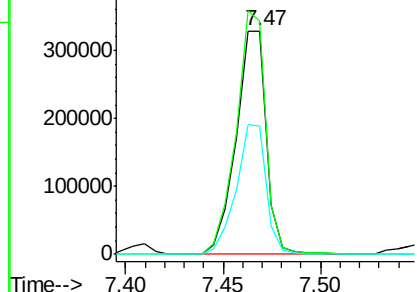
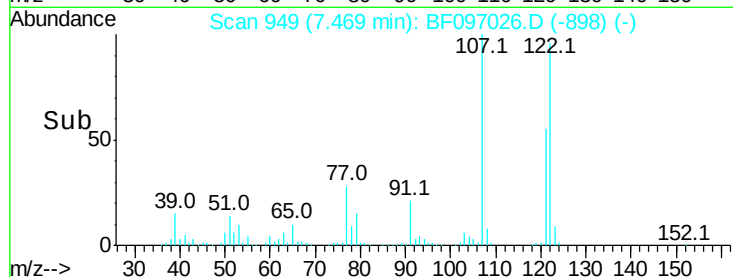
#27
2,4-Dimethylphenol
Concen: 37.297 ng
RT: 7.47 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 353251
Ion Ratio Lower Upper
122 100
107 104.6 89.2 133.8
121 57.3 45.2 67.8

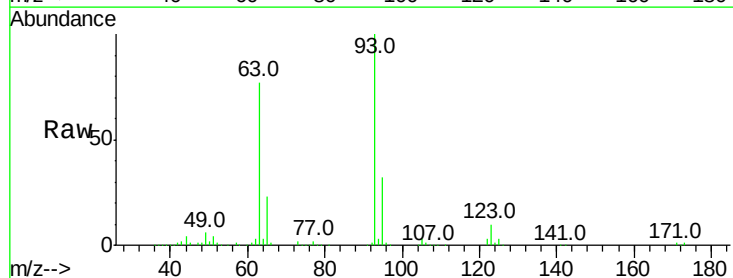


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

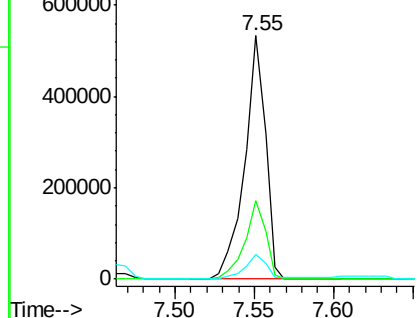
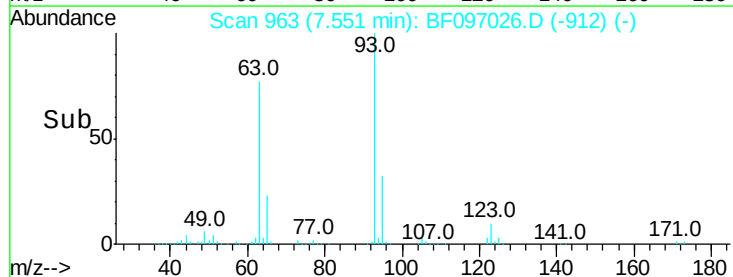


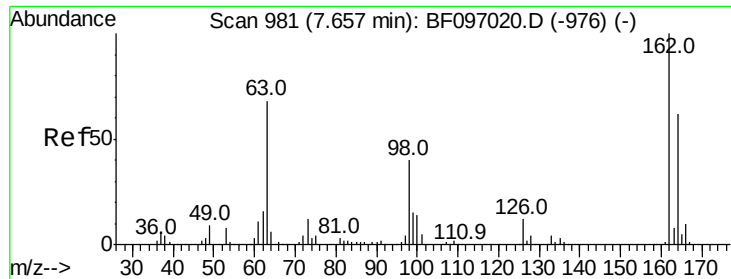
#28
bis(2-Chloroethoxy)methane
Concen: 37.145 ng
RT: 7.55 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

Tgt Ion: 93 Resp: 483732
Ion Ratio Lower Upper
93 100
95 32.4 26.5 39.7
123 10.1 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

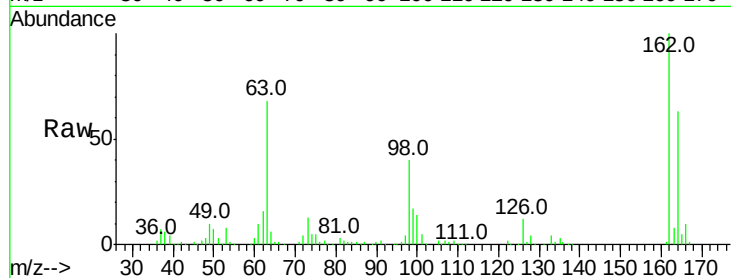




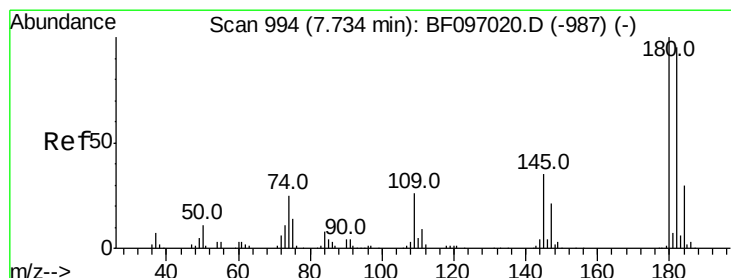
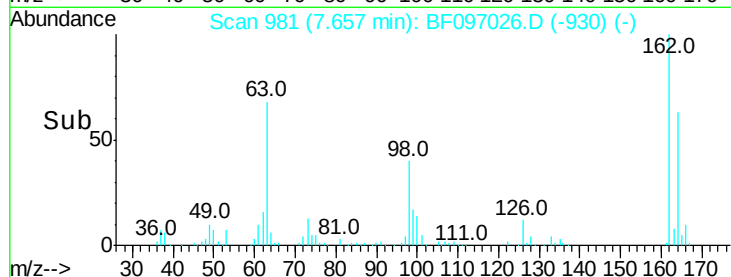
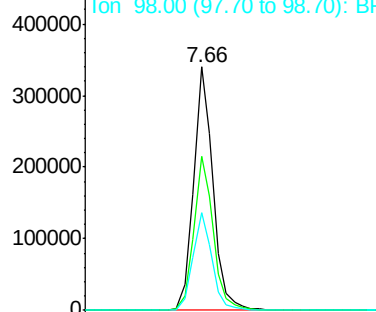
#29
 2,4-Dichlorophenol
 Concen: 39.575 ng
 RT: 7.66 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF097026.D
 Acq: 25 Jul 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.6	84.6
98	40.3	14.8	54.8

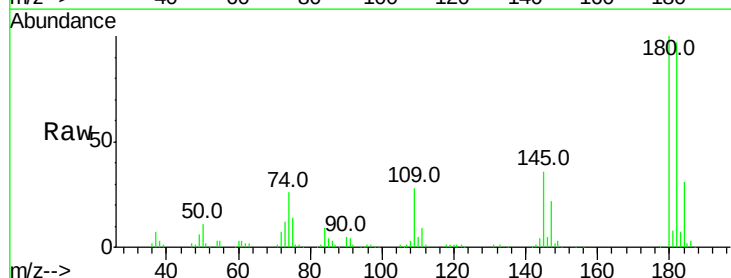


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

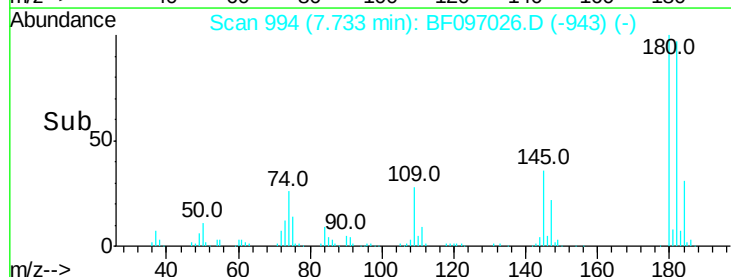
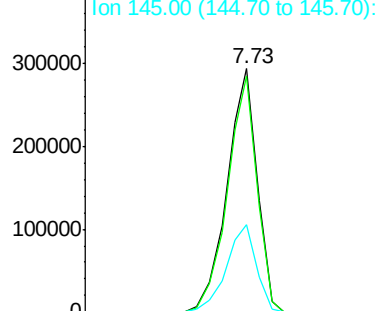


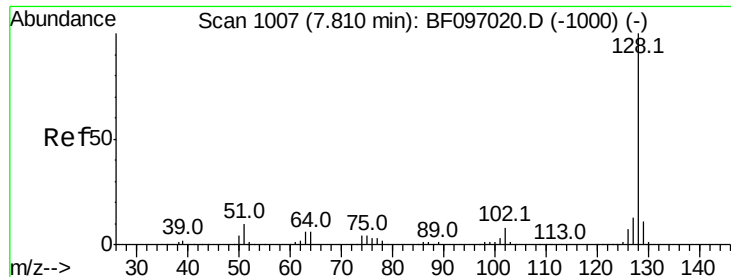
#30
 1,2,4-Trichlorobenzene
 Concen: 37.168 ng
 RT: 7.73 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: BF097026.D
 Acq: 25 Jul 2017 13:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	75.8	113.6
145	36.0	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

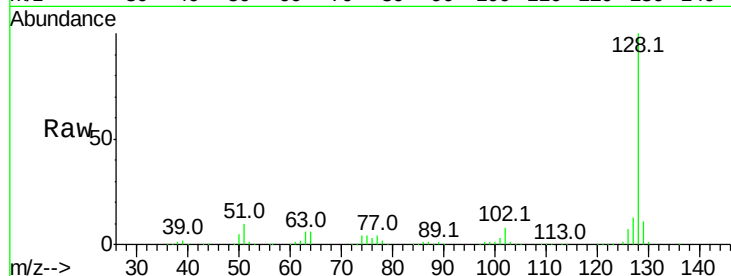




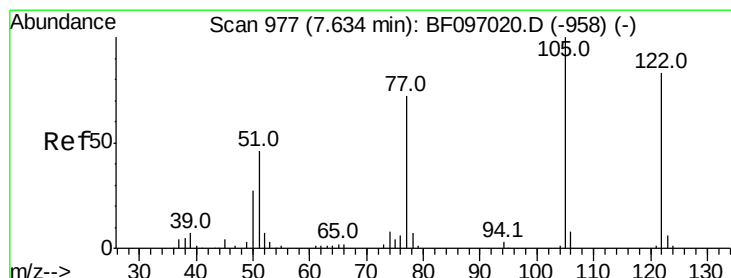
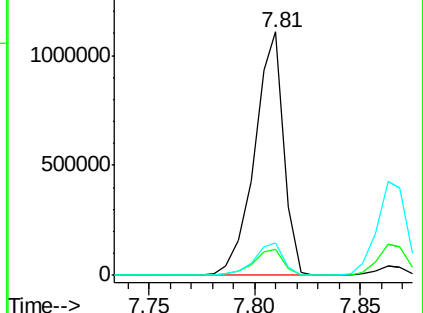
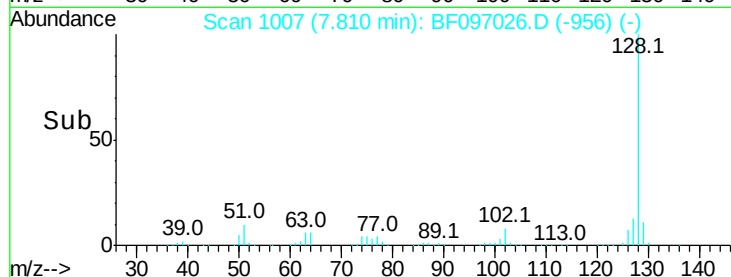
#31
Naphthalene
Concen: 37.692 ng
RT: 7.81 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1062119
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.5 10.8 16.2

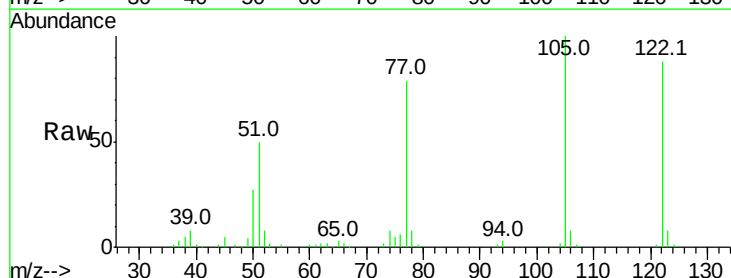


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

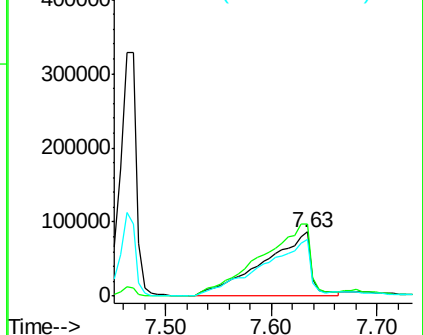
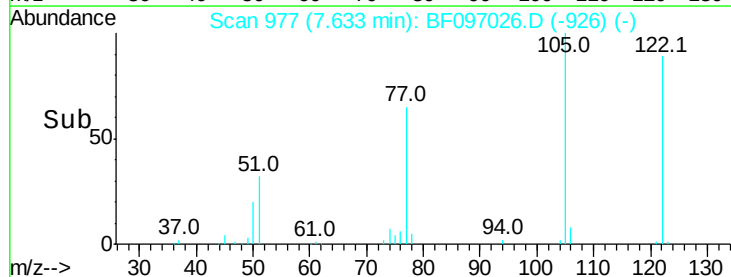


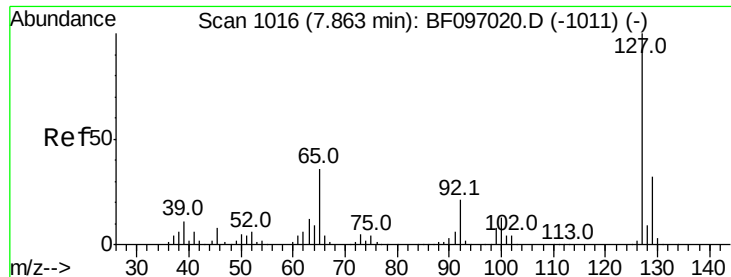
#32
Benzoic acid
Concen: 38.408 ng
RT: 7.63 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

Tgt Ion:122 Resp: 271638
Ion Ratio Lower Upper
122 100
105 113.3 103.3 143.3
77 89.2 73.7 113.7



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

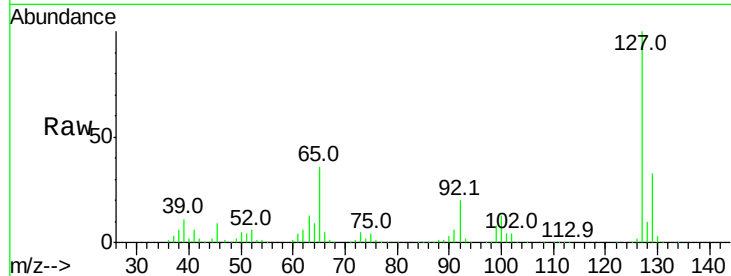




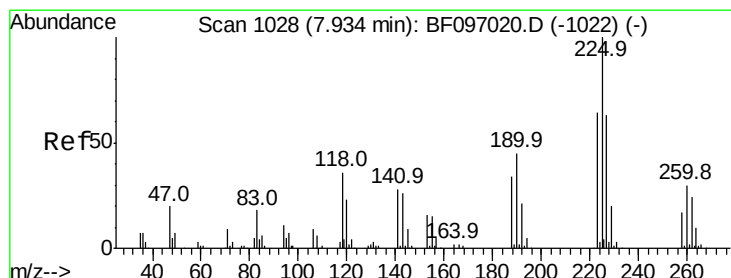
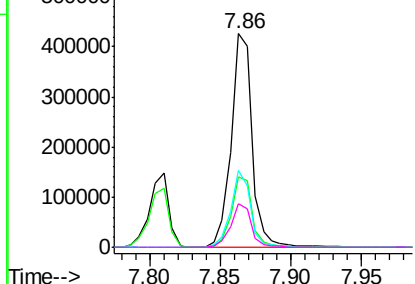
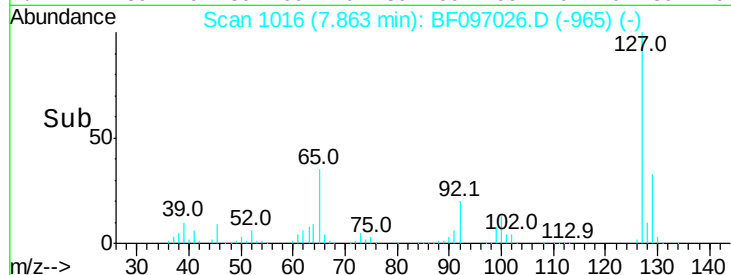
#33
4-Chloroaniline
Concen: 38.263 ng
RT: 7.86 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	438717
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.2
65	36.0	27.8	41.8
92	20.2	16.8	25.2

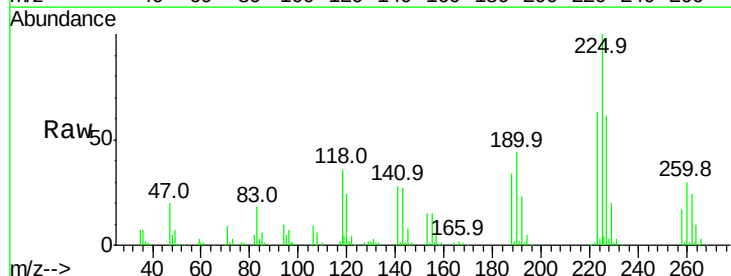


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

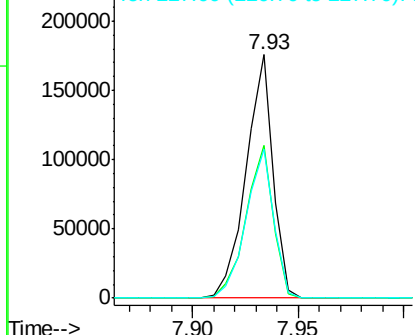
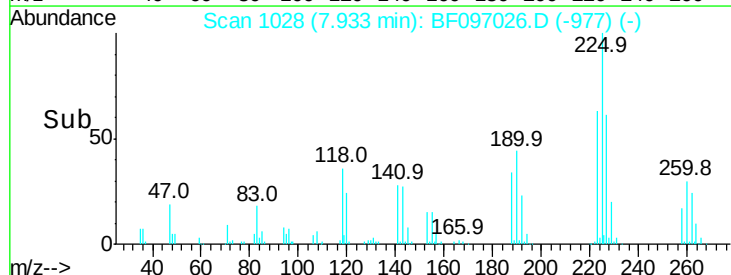


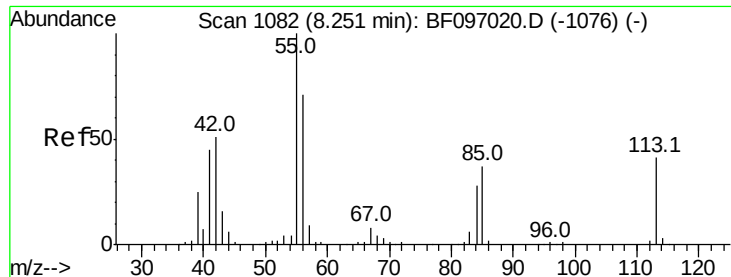
#34
Hexachlorobutadiene
Concen: 37.743 ng
RT: 7.93 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

Tgt Ion:	225	Resp:	155616
Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.8	73.2
227	60.9	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

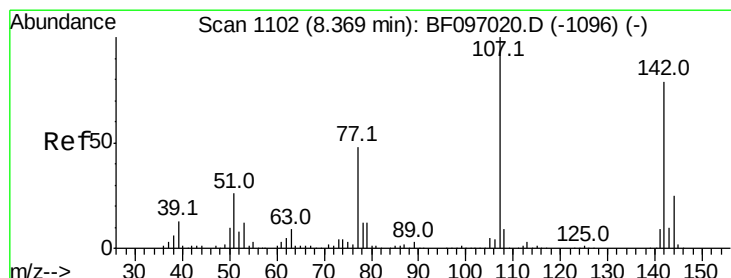
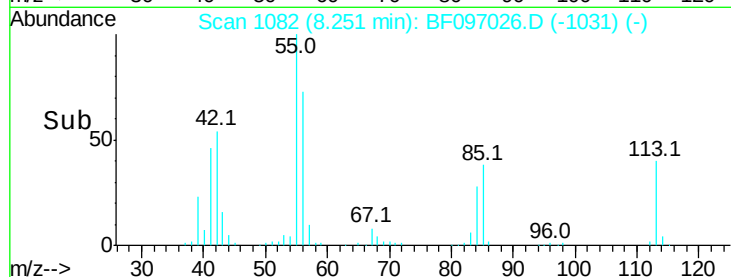
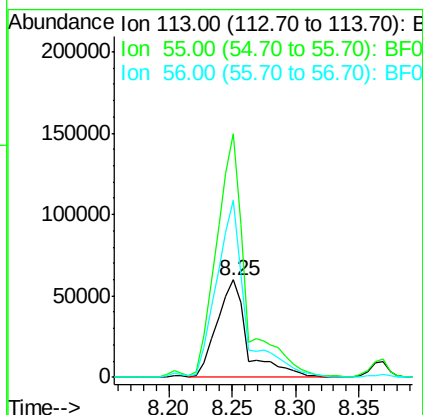
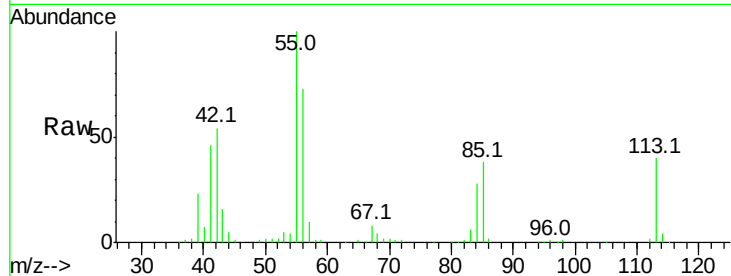




#35
 Caprolactam
 Concen: 38.858 ng
 RT: 8.25 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: BF097026.D
 Acq: 25 Jul 2017 13:56

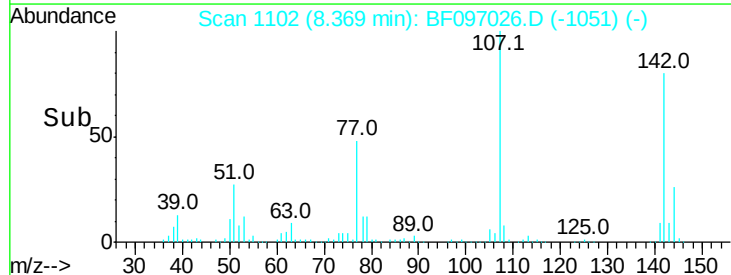
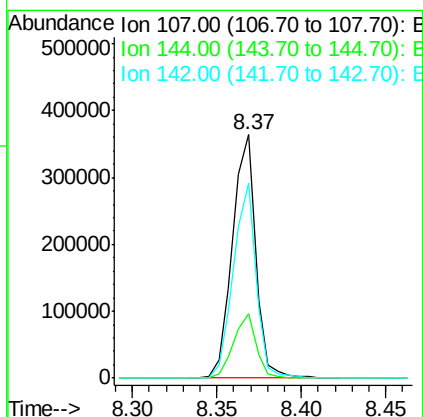
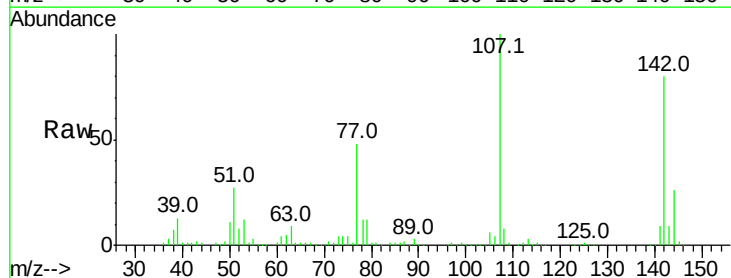
Instrument :
 BNA_F
 ClientSampleId :

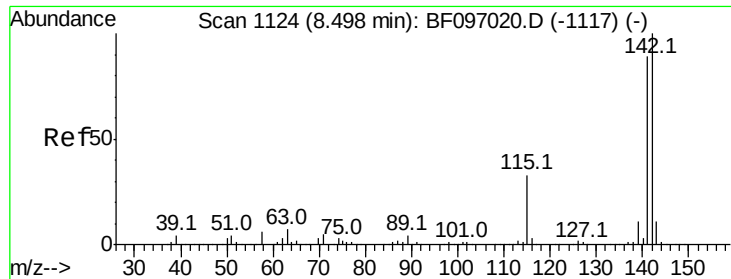
Tot Ion:113 Resp: 101667
 Ion Ratio Lower Upper
 113 100
 55 249.3 150.2 190.2#
 56 181.6 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 39.203 ng
 RT: 8.37 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: BF097026.D
 Acq: 25 Jul 2017 13:56

Tgt Ion:107 Resp: 348972
 Ion Ratio Lower Upper
 107 100
 144 26.4 24.2 36.4
 142 80.1 73.4 110.0

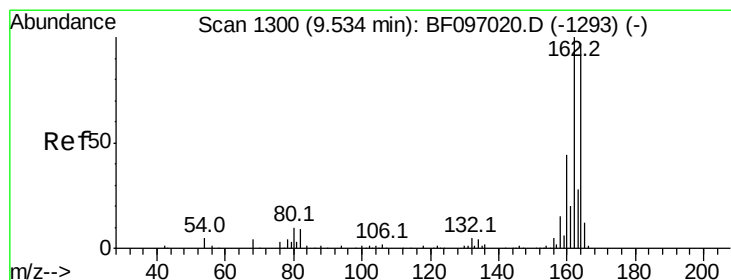
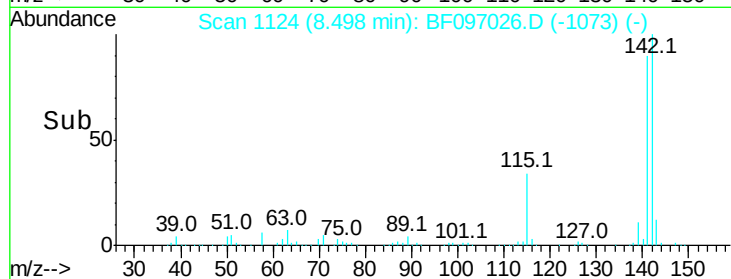
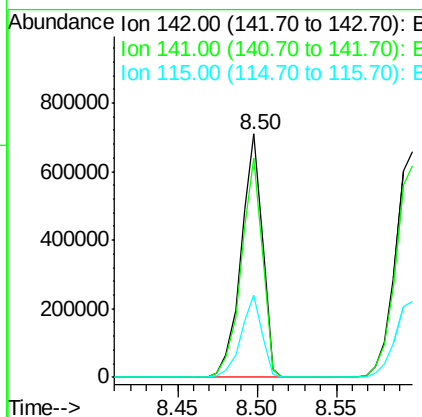
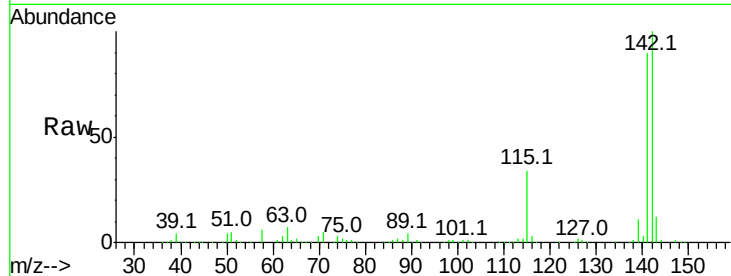




#37
 2-Methylnaphthalene
 Concen: 36.746 ng
 RT: 8.50 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BF097026.D
 Acq: 25 Jul 2017 13:56

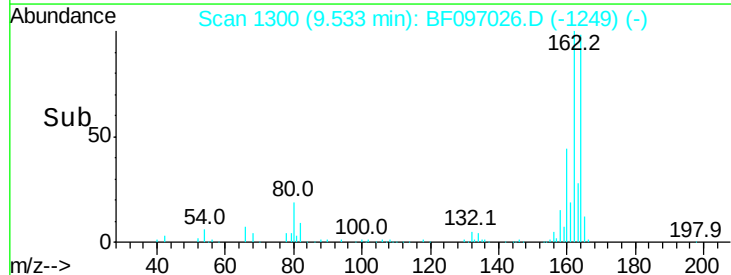
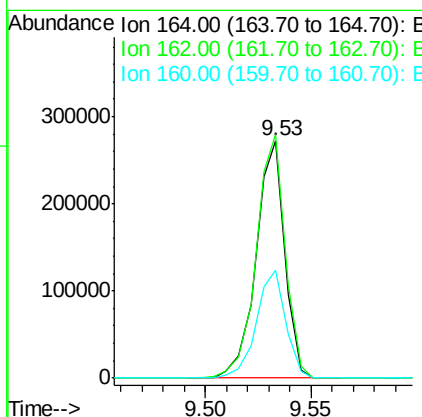
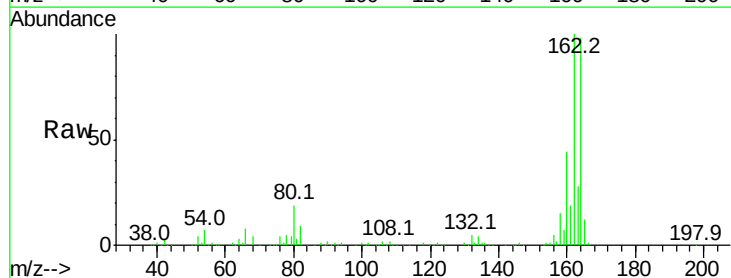
Instrument :
 BNA_F
 ClientSampled :

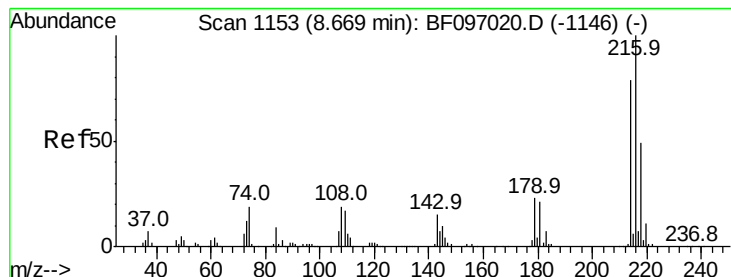
Tot Ion:142 Resp: 655592
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.3 106.9
 115 33.7 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.53 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BF097026.D
 Acq: 25 Jul 2017 13:56

Tgt Ion:164 Resp: 256637
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.6 123.8
 160 45.2 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.183 ng

RT: 8.67 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 261465

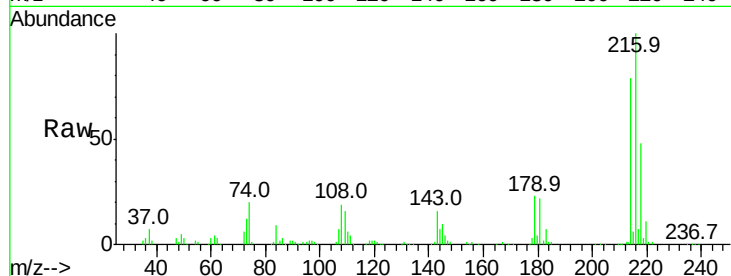
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.2

179 22.4 17.9 26.9

108 21.4 16.5 24.7

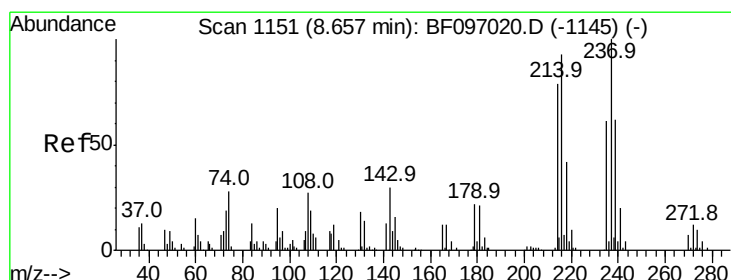
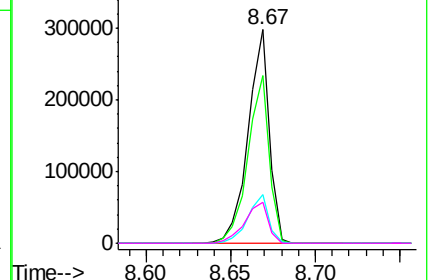
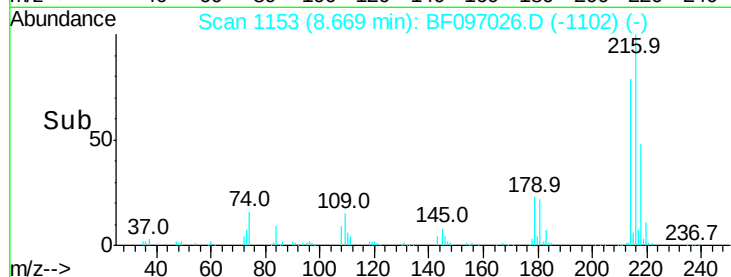


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 37.643 ng

RT: 8.66 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

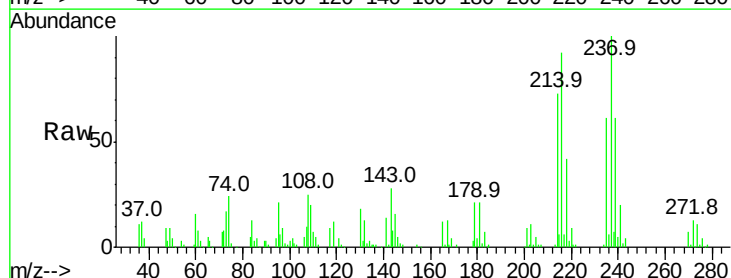
Tgt Ion:237 Resp: 81032

Ion Ratio Lower Upper

237 100

235 61.4 42.6 82.6

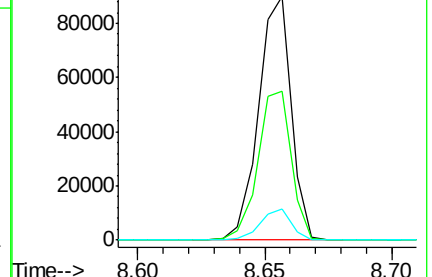
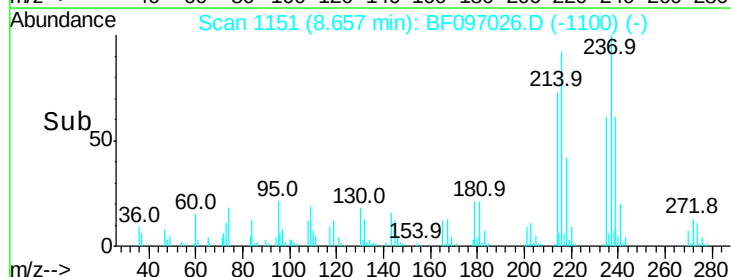
272 12.9 0.0 31.9

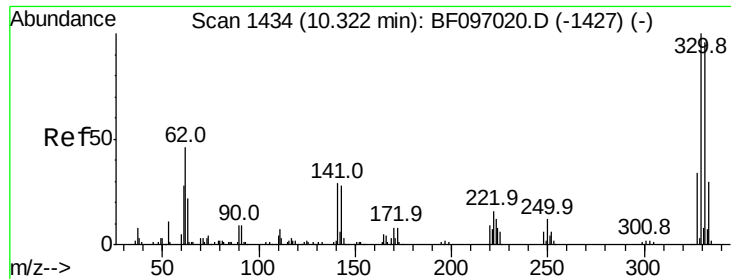


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

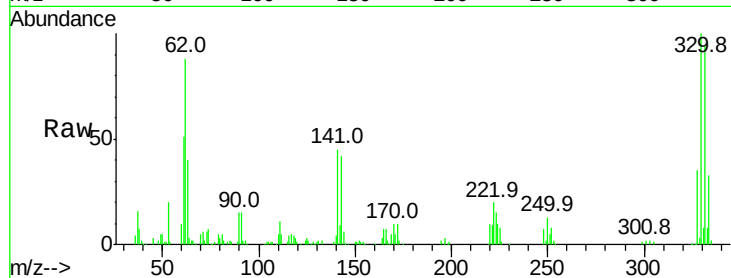




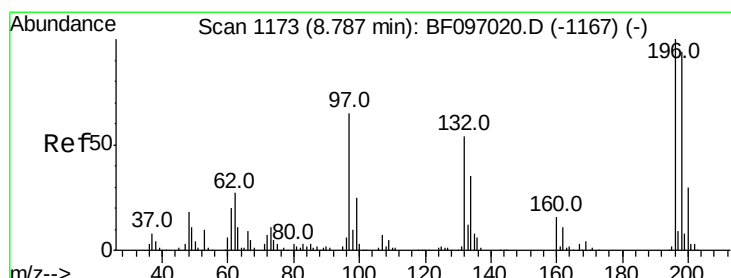
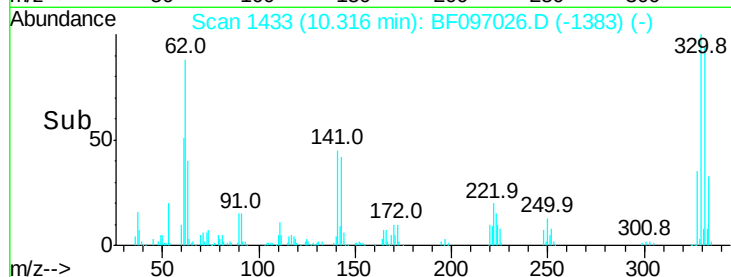
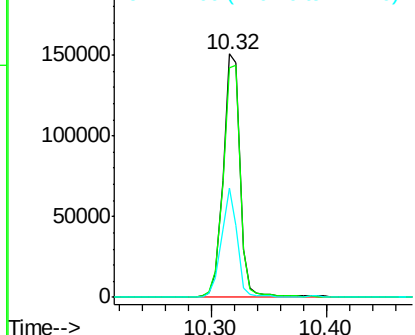
#41
 2,4,6-Tribromophenol
 Concen: 76.254 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097026.D
 Acq: 25 Jul 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 154618
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 41.6 31.4 47.2

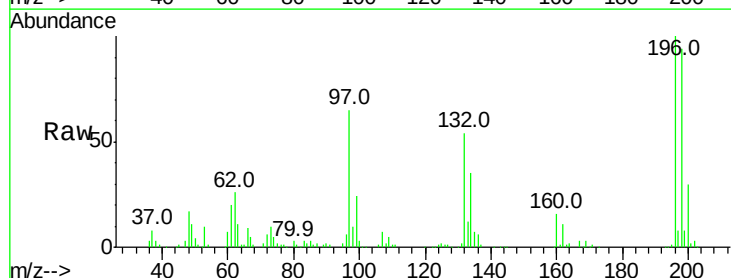


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

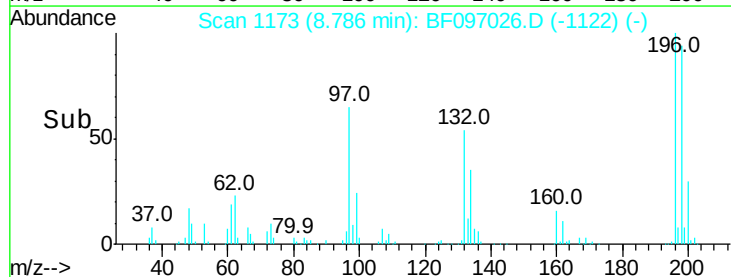
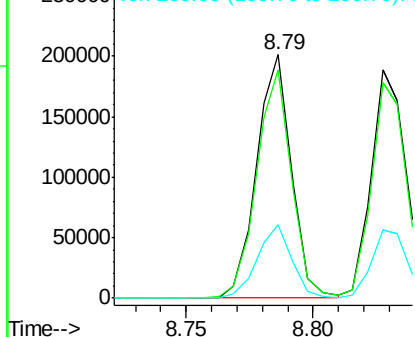


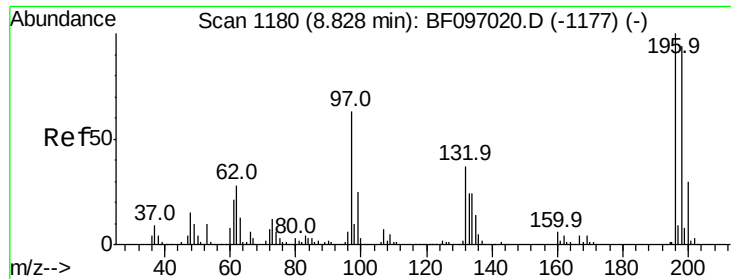
#42
 2,4,6-Trichlorophenol
 Concen: 38.885 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF097026.D
 Acq: 25 Jul 2017 13:56

Tgt Ion:196 Resp: 192963
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.2 111.4
 200 30.3 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

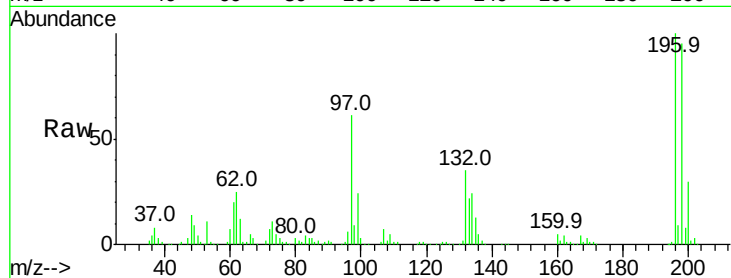




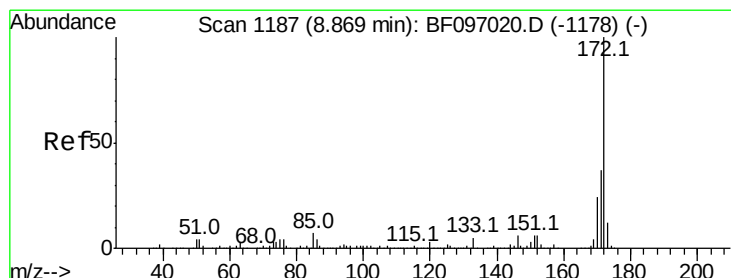
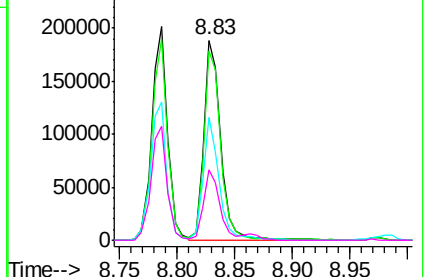
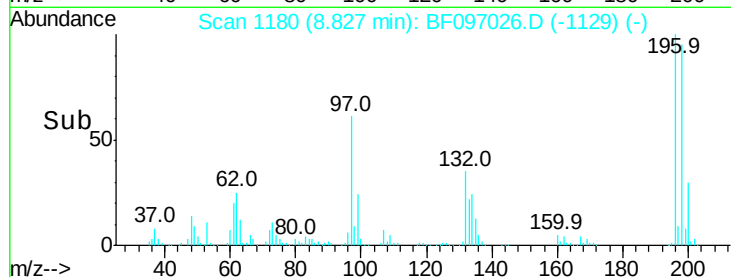
#43
 2,4,5-Trichlorophenol
 Concen: 38.524 ng
 RT: 8.83 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF097026.D
 Acq: 25 Jul 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	191348
Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.7	113.5
97	61.2	47.7	71.5
132	34.9	28.0	42.0

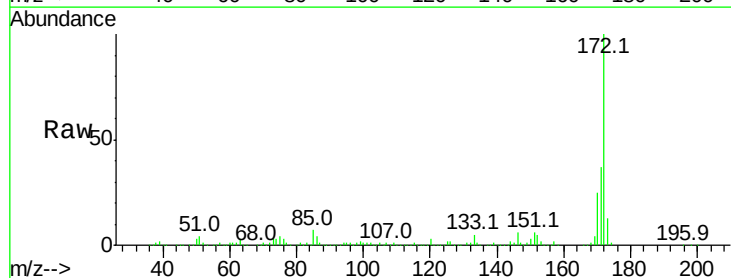


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

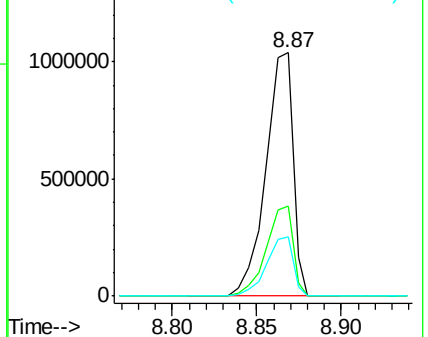
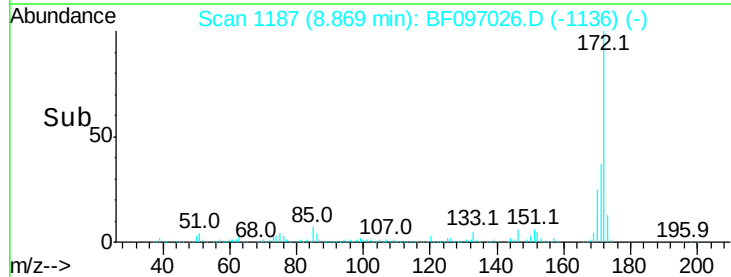


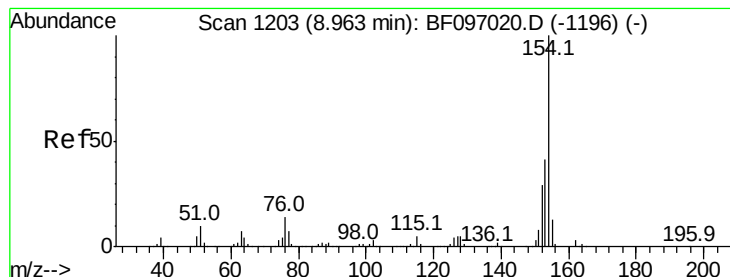
#44
 2-Fluorobiphenyl
 Concen: 76.825 ng
 RT: 8.87 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF097026.D
 Acq: 25 Jul 2017 13:56

Tgt Ion:	172	Resp:	1161759
Ion	Ratio	Lower	Upper
172	100		
171	36.8	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: 37.545 ng

RT: 8.96 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

Instrument :

BNA_F

ClientSampleId :

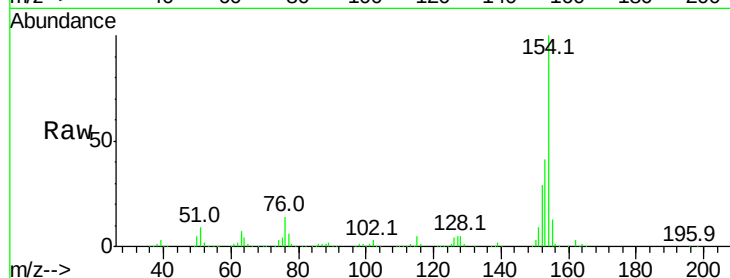
Tot Ion:154 Resp: 822990

Ion Ratio Lower Upper

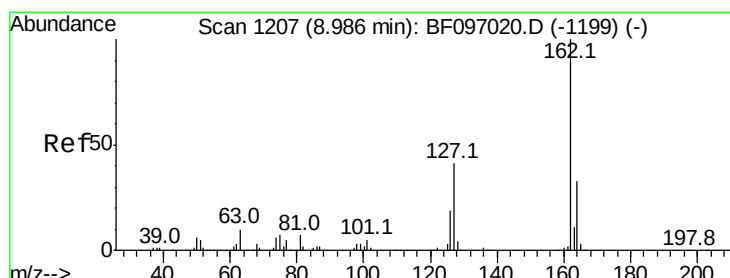
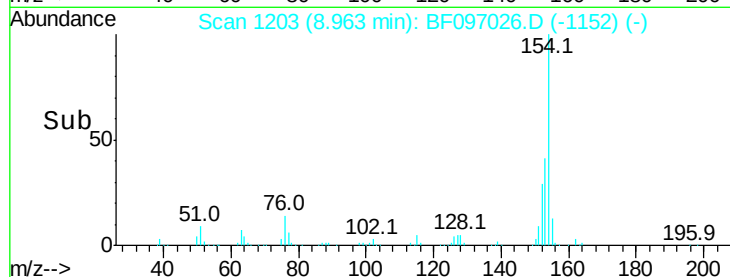
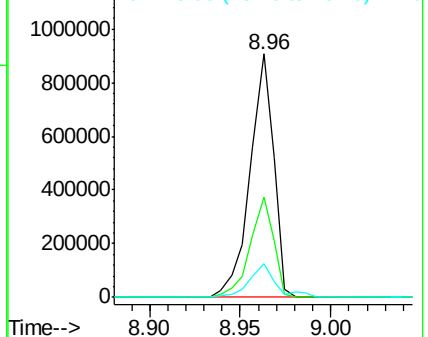
154 100

153 41.4 21.2 61.2

76 13.7 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: 37.514 ng

RT: 8.99 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

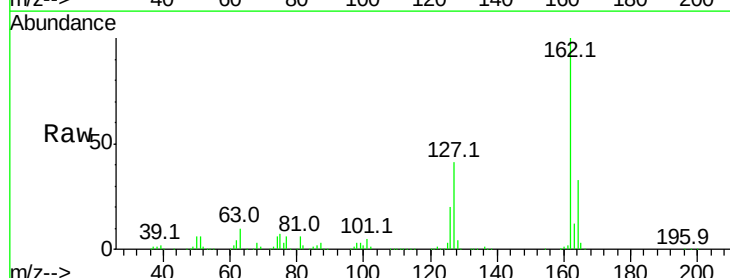
Tgt Ion:162 Resp: 605128

Ion Ratio Lower Upper

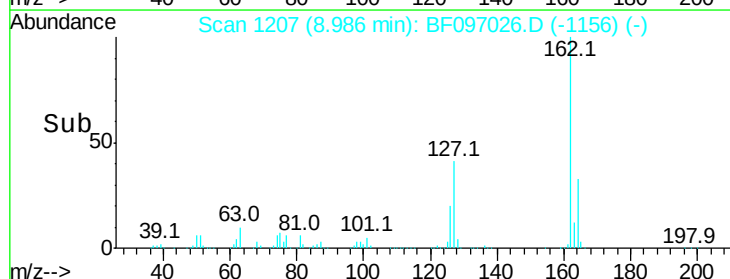
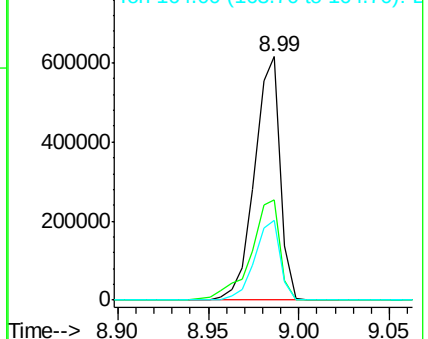
162 100

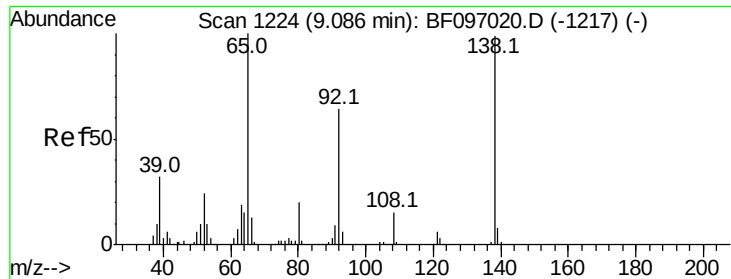
127 41.0 28.3 42.5

164 32.9 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

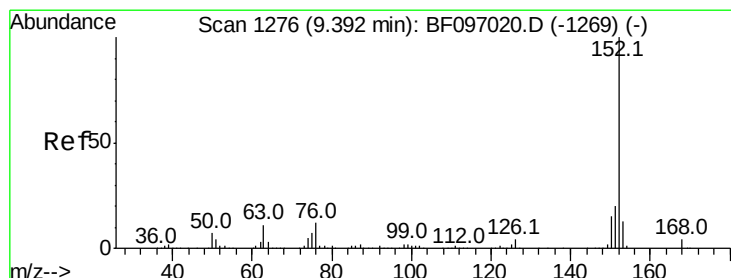
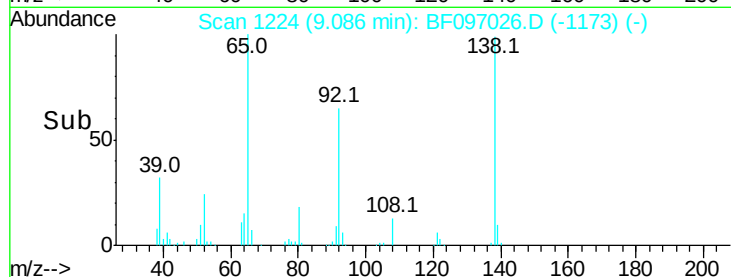
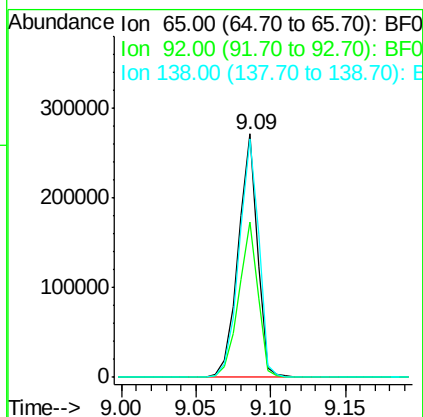
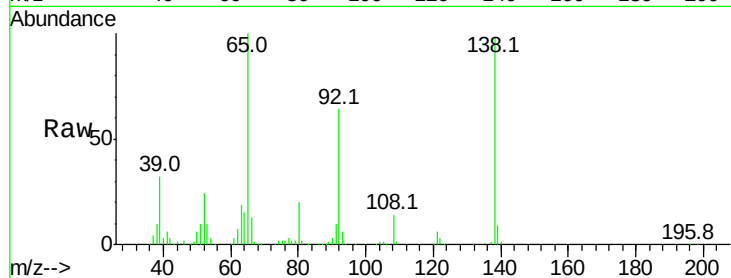




#47
2-Nitroaniline
Concen: 41.753 ng
RT: 9.09 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

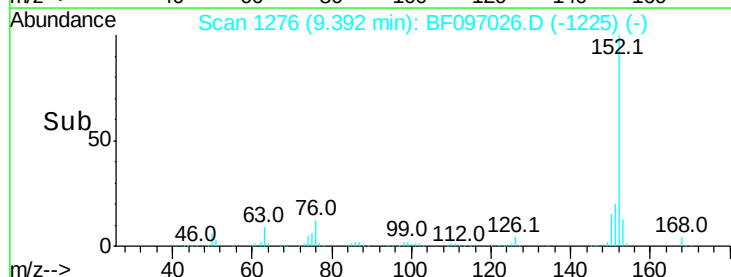
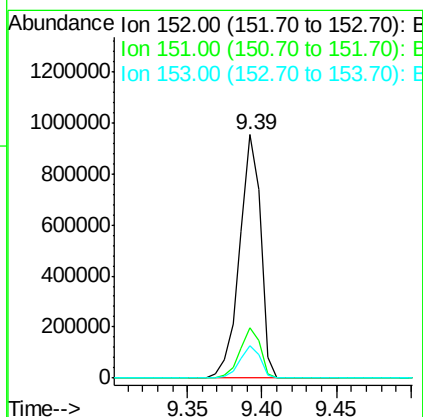
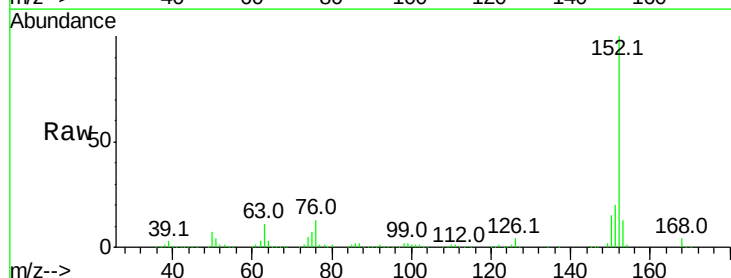
Instrument :
BNA_F
ClientSampleId :

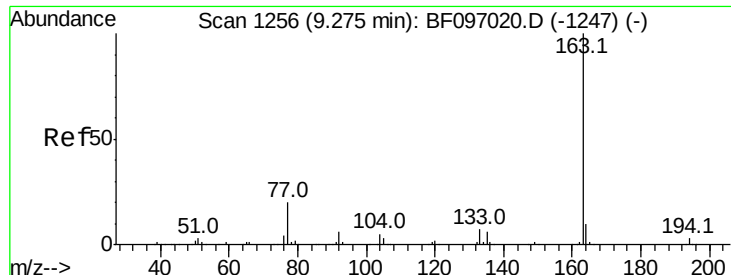
Tot Ion: 65 Resp: 244428
Ion Ratio Lower Upper
65 100
92 63.9 53.9 80.9
138 97.9 78.8 118.2



#48
Acenaphthylene
Concen: 37.898 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

Tgt Ion: 152 Resp: 938338
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 13.4 10.8 16.2

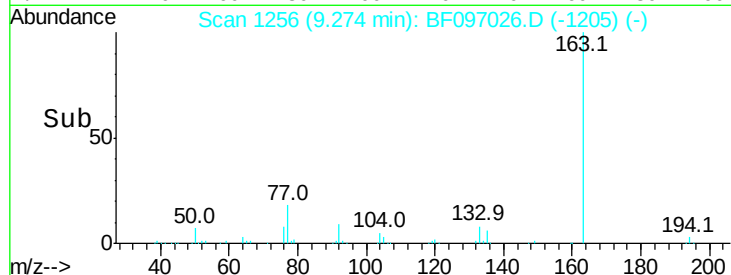
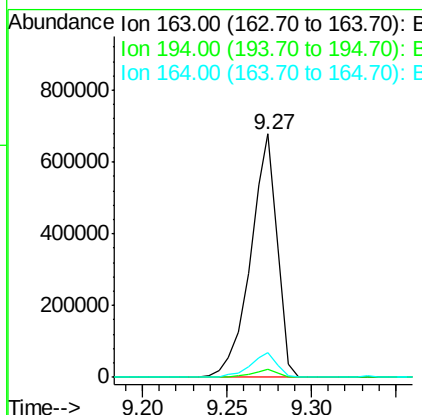
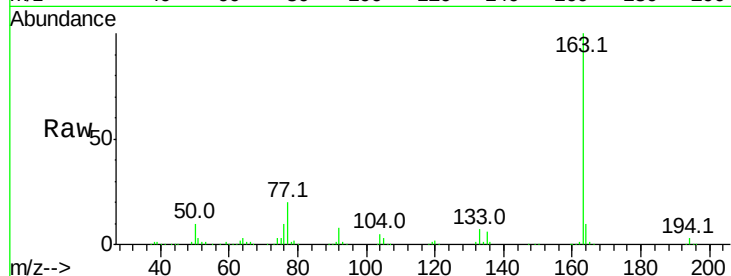




#49
Dimethylphthalate
Concen: 38.171 ng
RT: 9.27 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

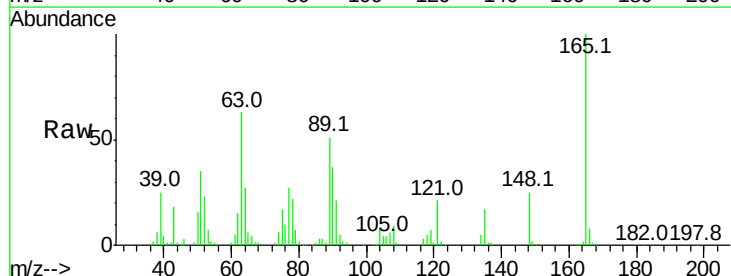
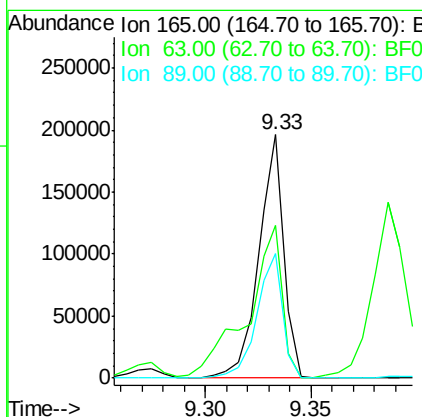
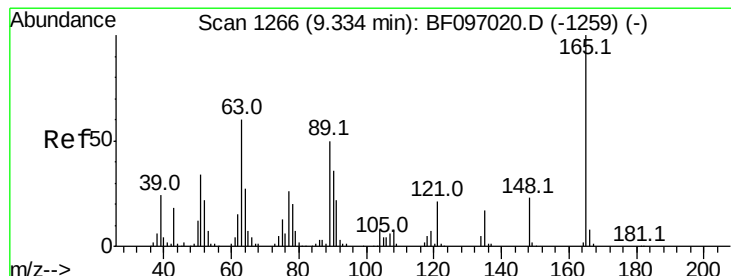
Instrument :
BNA_F
ClientSampleId :

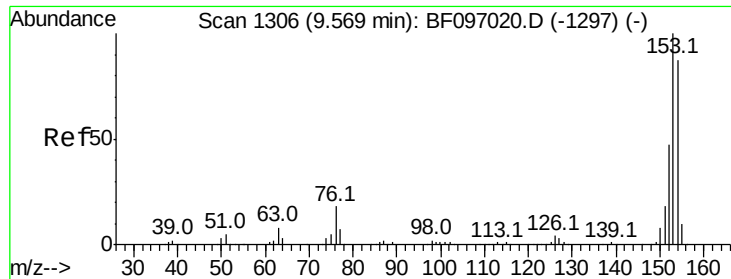
Tot Ion:163 Resp: 743903
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.1 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 39.080 ng
RT: 9.33 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

Tgt Ion:165 Resp: 161532
Ion Ratio Lower Upper
165 100
63 62.8 34.3 51.5#
89 51.1 37.1 55.7

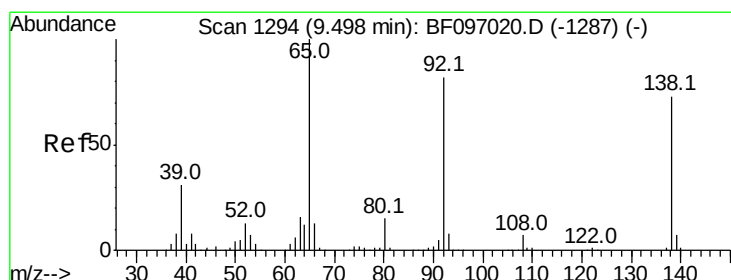
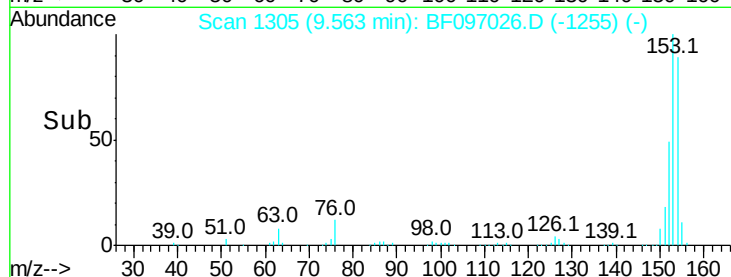
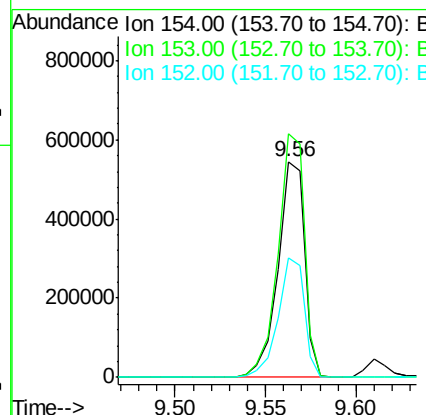
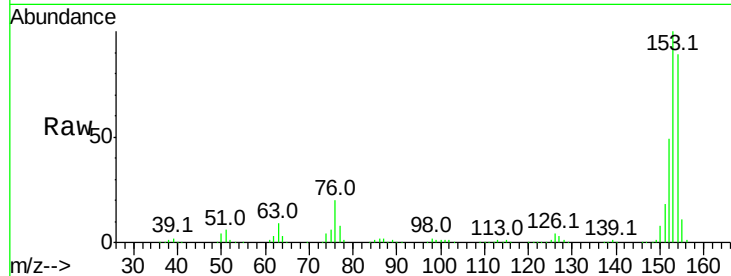




#51
Acenaphthene
Concen: 38.001 ng
RT: 9.56 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

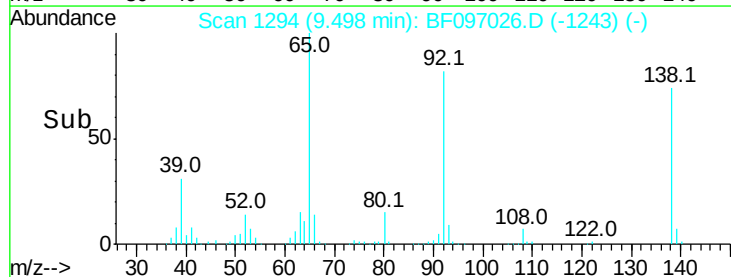
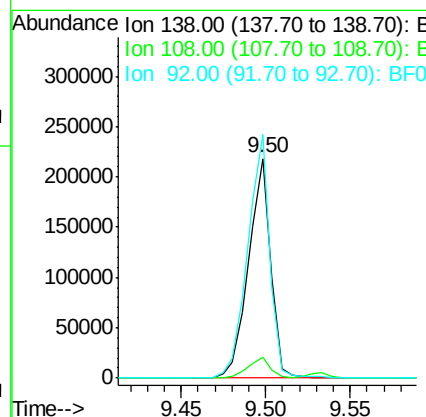
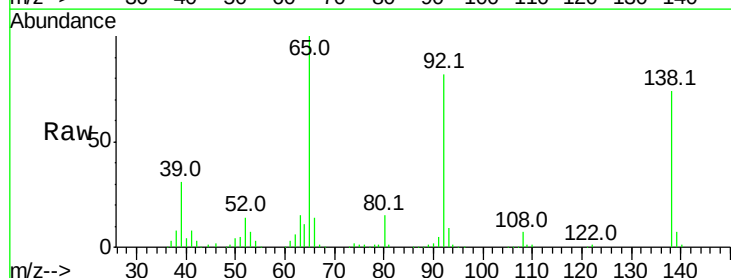
Instrument :
BNA_F
ClientSampleId :

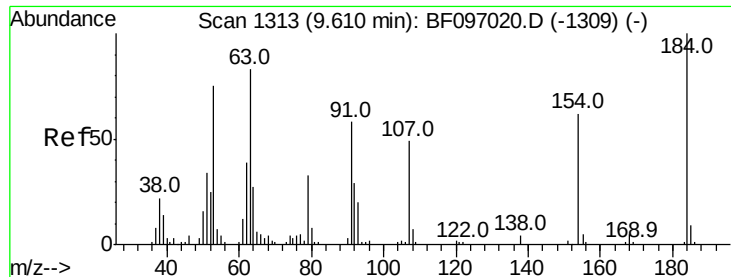
Tot Ion:154 Resp: 554220
Ion Ratio Lower Upper
154 100
153 112.8 90.5 135.7
152 55.1 43.6 65.4



#52
3-Nitroaniline
Concen: 39.132 ng
RT: 9.50 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

Tgt Ion:138 Resp: 200770
Ion Ratio Lower Upper
138 100
108 9.6 9.1 13.7
92 111.0 93.8 140.6

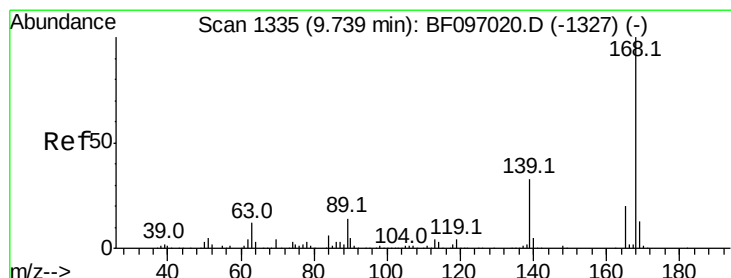
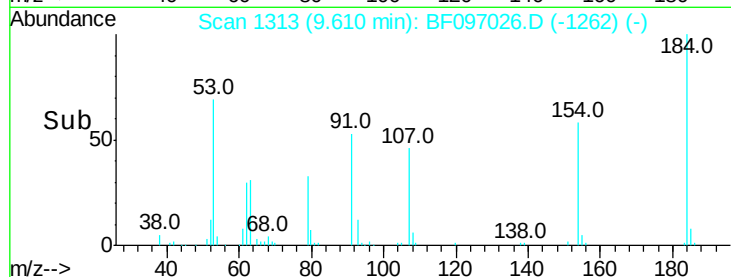
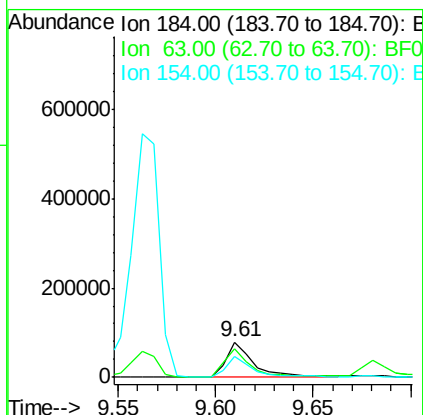
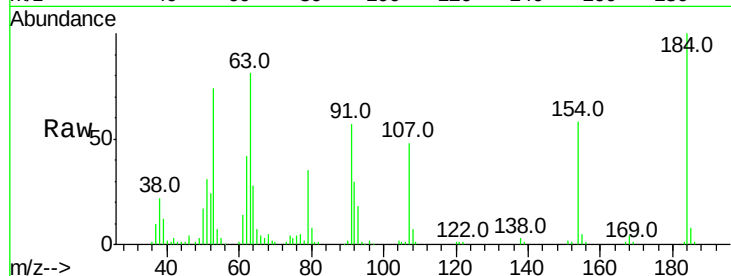




#53
 2,4-Dinitrophenol
 Concen: 41.145 ng
 RT: 9.61 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF097026.D
 Acq: 25 Jul 2017 13:56

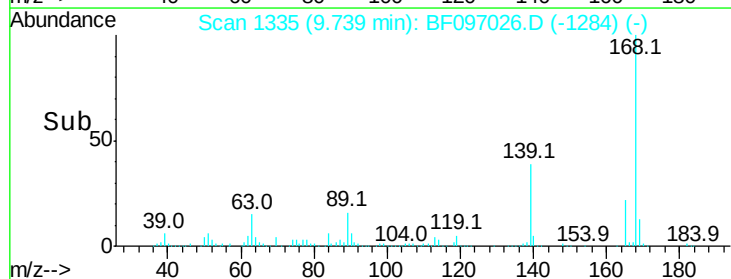
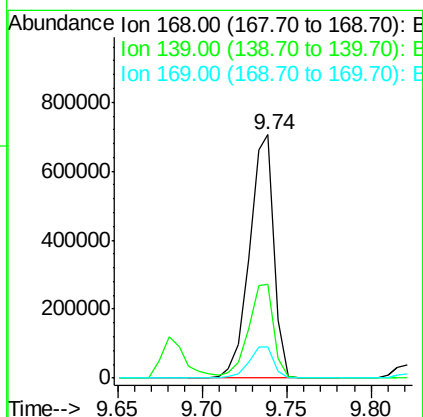
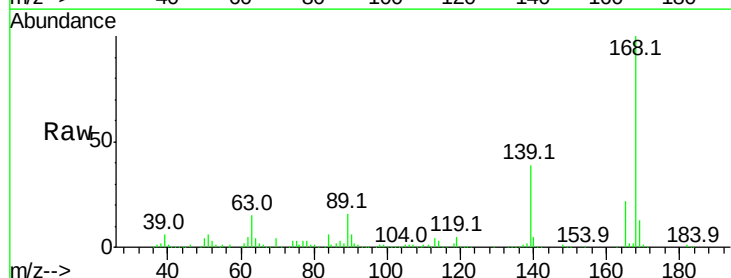
Instrument :
 BNA_F
 ClientSampled :

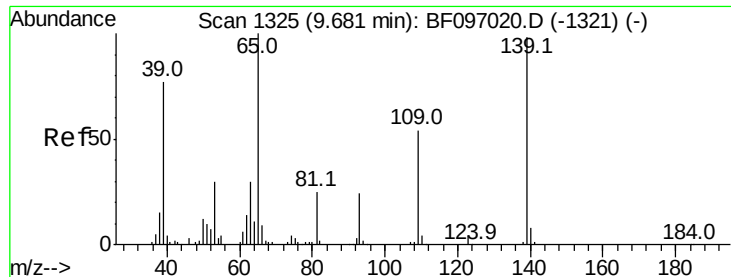
Tot Ion:184 Resp: 77326
 Ion Ratio Lower Upper
 184 100
 63 81.4 62.7 94.1
 154 58.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 36.661 ng
 RT: 9.74 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF097026.D
 Acq: 25 Jul 2017 13:56

Tgt Ion:168 Resp: 712174
 Ion Ratio Lower Upper
 168 100
 139 38.6 30.6 45.8
 169 13.0 10.8 16.2





#55

4-Nitrophenol

Concen: 38.945 ng

RT: 9.68 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

Instrument :

BNA_F

ClientSampled :

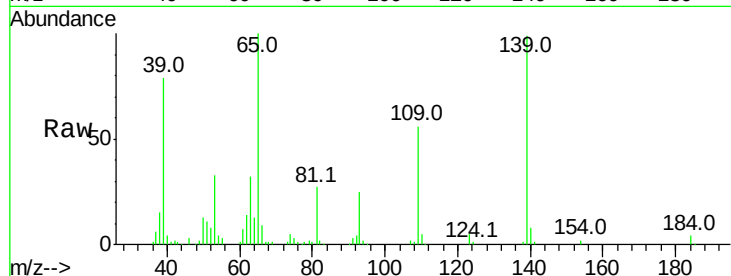
Tot Ion:139 Resp: 118825

Ion Ratio Lower Upper

139 100

109 56.6 34.1 74.1

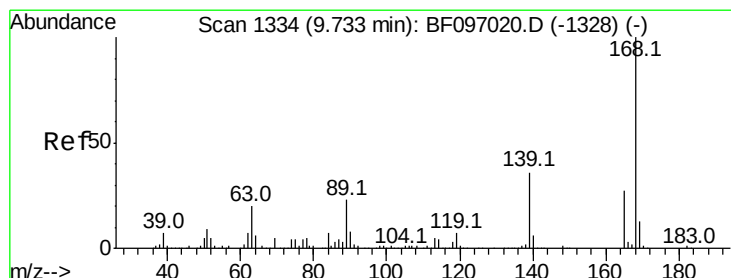
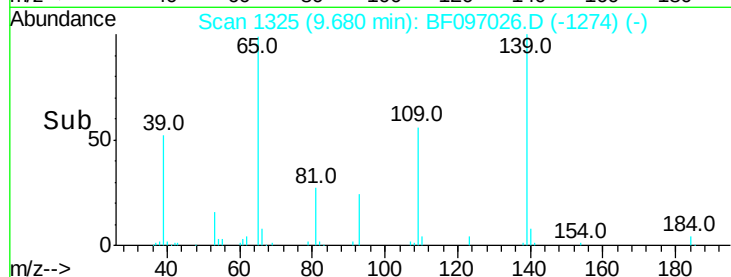
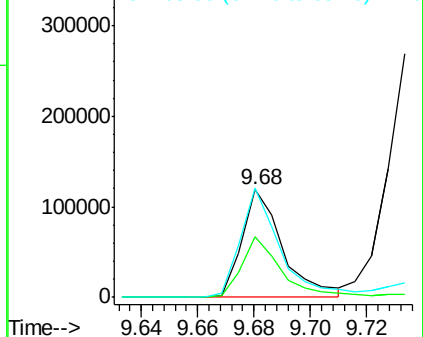
65 101.5 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 37.565 ng

RT: 9.73 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

Tgt Ion:165 Resp: 178495

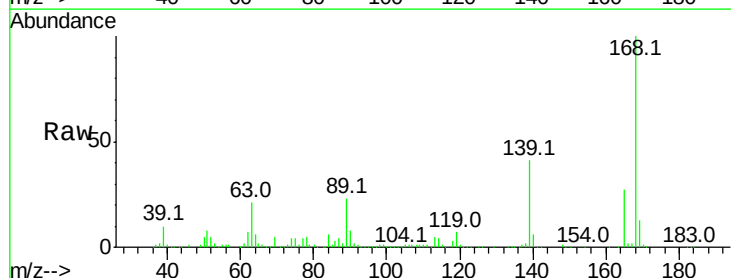
Ion Ratio Lower Upper

165 100

63 79.4 25.4 38.0#

89 84.7 46.4 69.6#

182 1.8 1.8 2.6

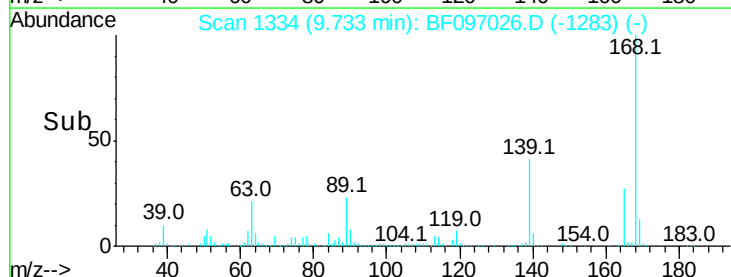
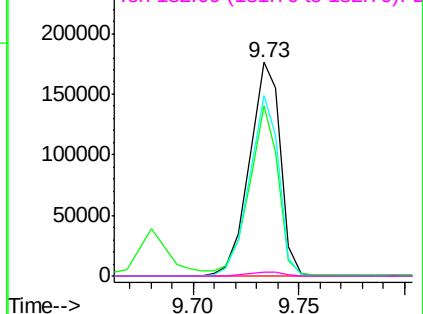


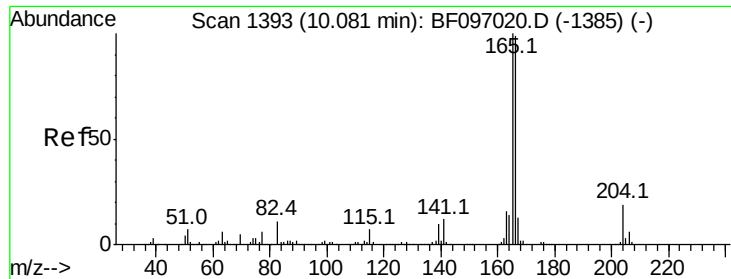
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.582 ng

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

Instrument :

BNA_F

ClientSampleId :

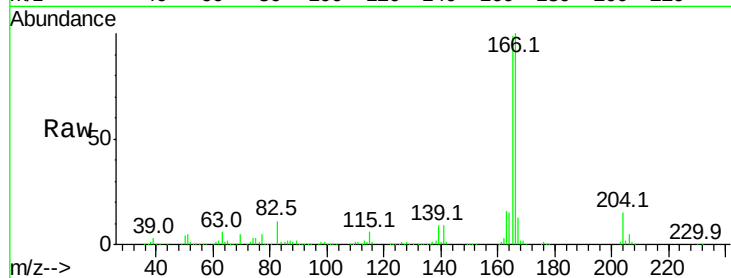
Tot Ion:166 Resp: 577911

Ion Ratio Lower Upper

166 100

165 98.9 78.8 118.2

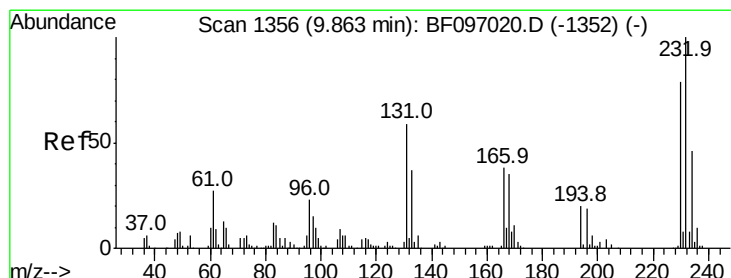
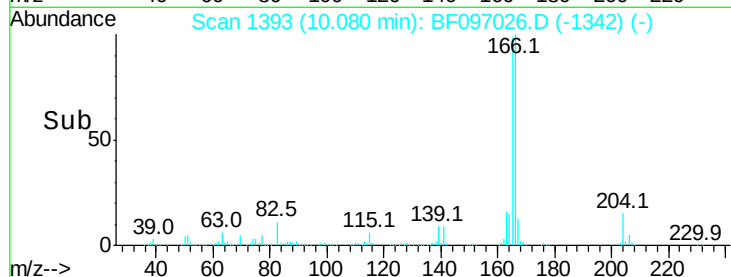
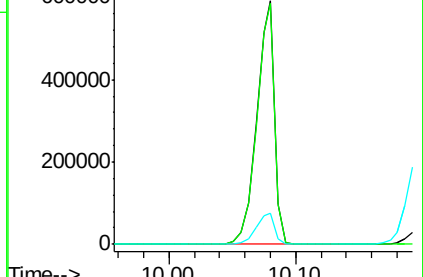
167 12.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.713 ng

RT: 9.86 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

Tgt Ion:232 Resp: 129337

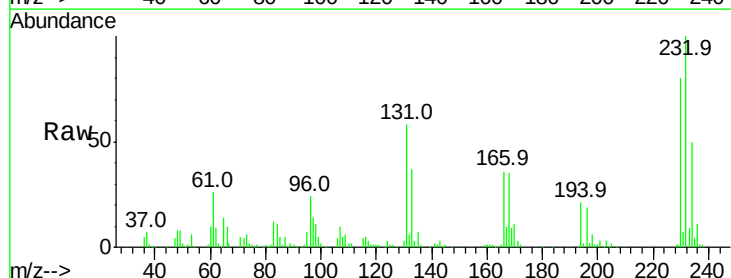
Ion Ratio Lower Upper

232 100

131 56.2 44.8 67.2

130 2.7 2.3 3.5

166 35.9 29.0 43.4

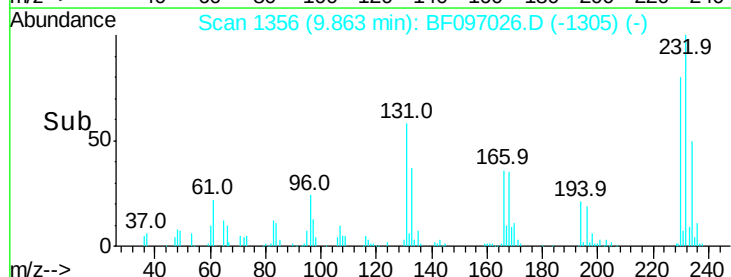
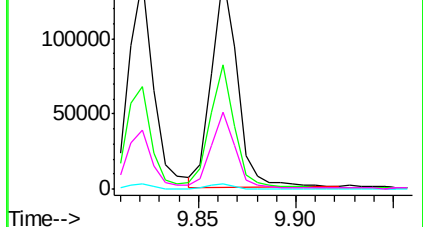


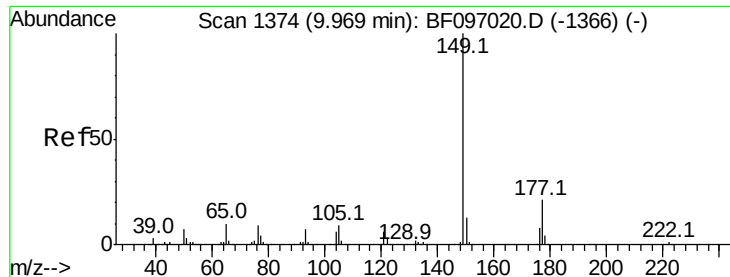
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.436 ng

RT: 9.97 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

Instrument :

BNA_F

ClientSampled :

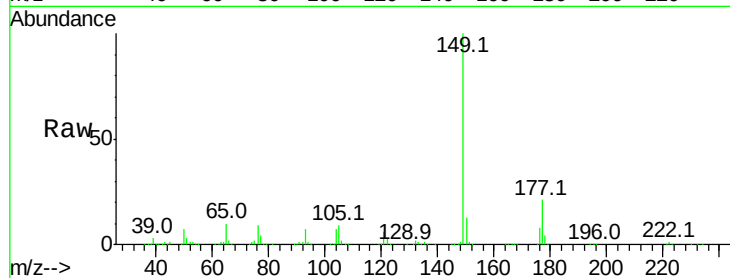
Tot Ion:149 Resp: 722973

Ion Ratio Lower Upper

149 100

177 20.9 16.7 25.1

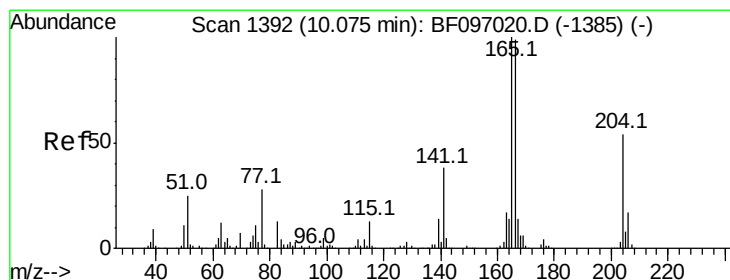
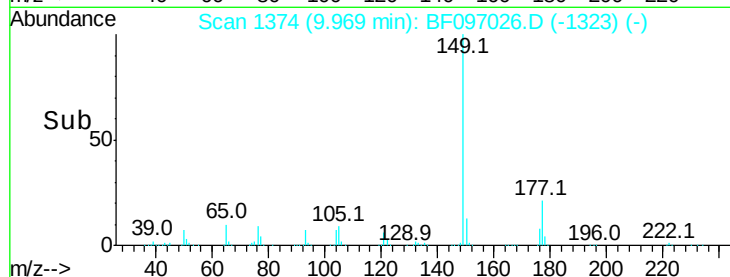
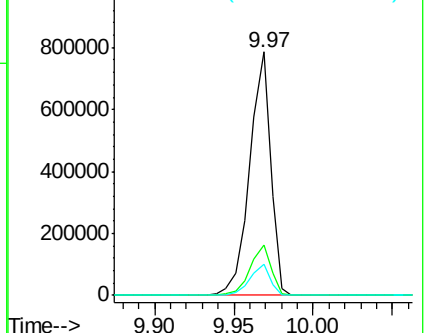
150 12.7 10.2 15.2



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: 39.492 ng

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

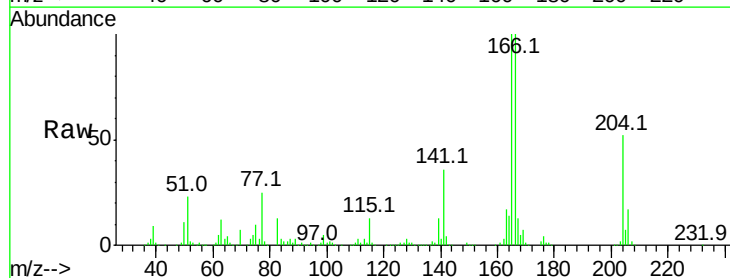
Tgt Ion:204 Resp: 238105

Ion Ratio Lower Upper

204 100

206 32.0 26.2 39.2

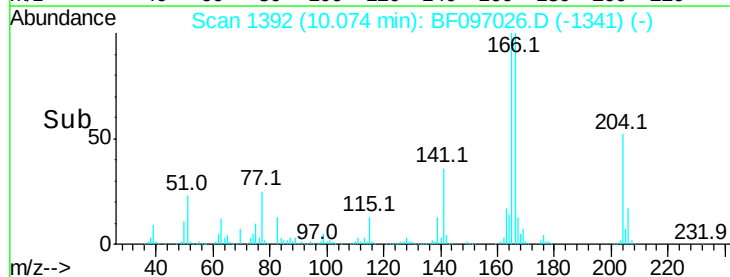
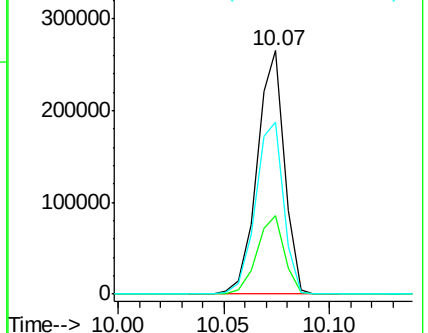
141 70.8 60.8 91.2

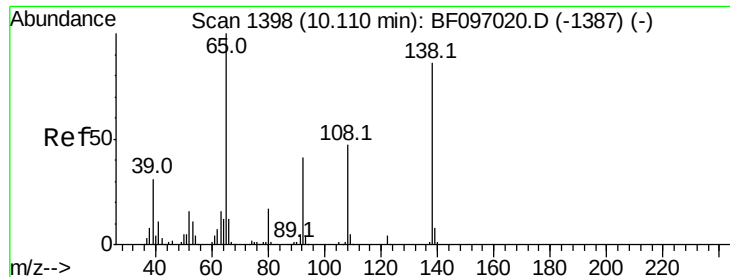


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

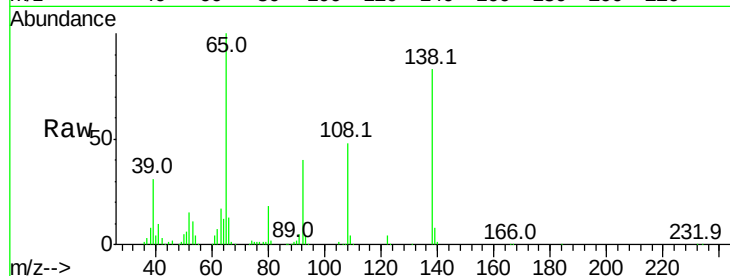




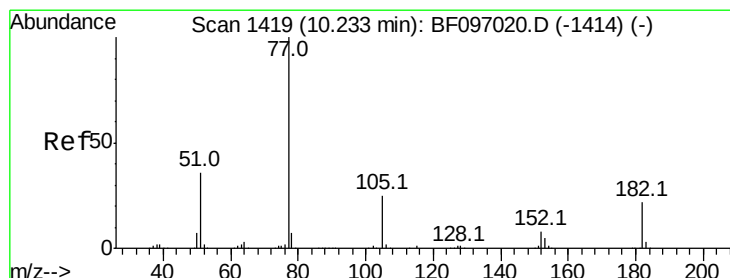
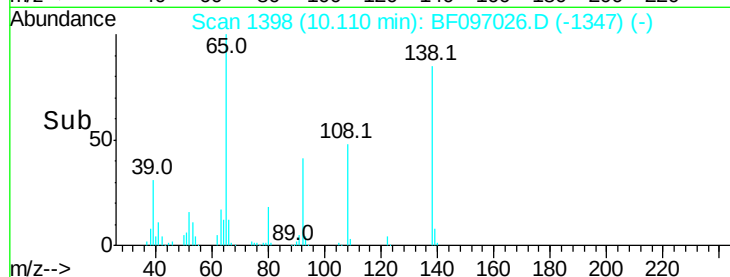
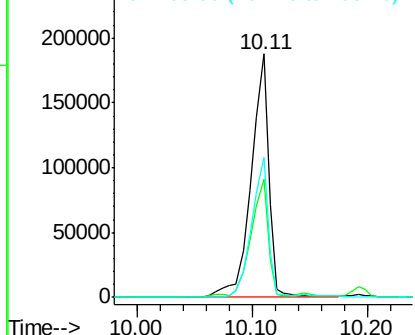
#61
4-Nitroaniline
Concen: 41.312 ng
RT: 10.11 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 201395
Ion Ratio Lower Upper
138 100
92 48.8 21.8 61.8
108 57.3 42.3 82.3

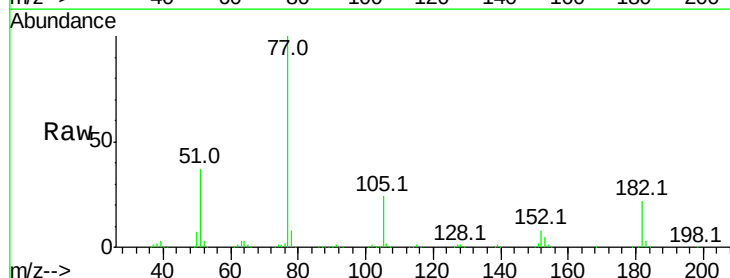


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

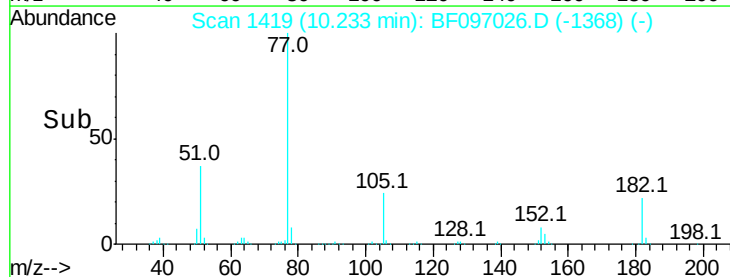
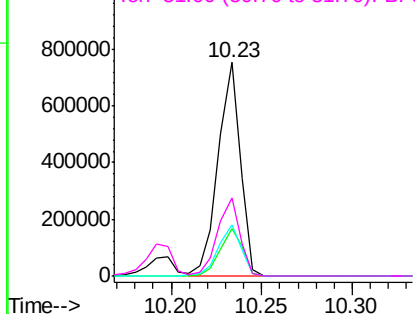


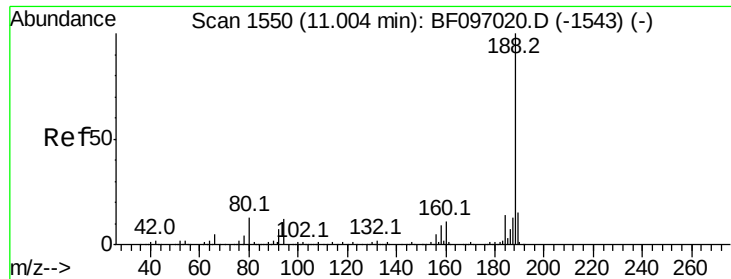
#62
Azobenzene
Concen: 38.776 ng
RT: 10.23 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

Tgt Ion: 77 Resp: 643159
Ion Ratio Lower Upper
77 100
182 21.9 0.1 40.1
105 24.2 3.6 43.6
51 36.7 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

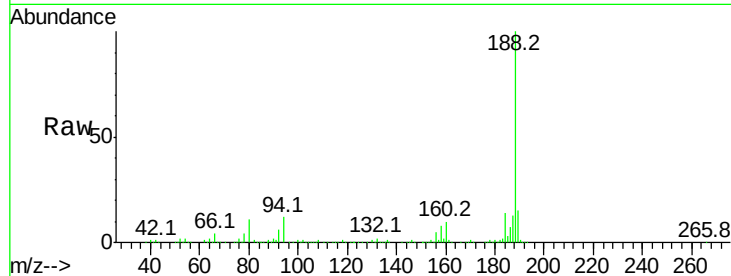




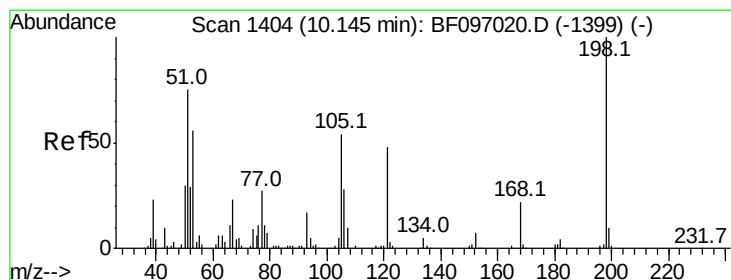
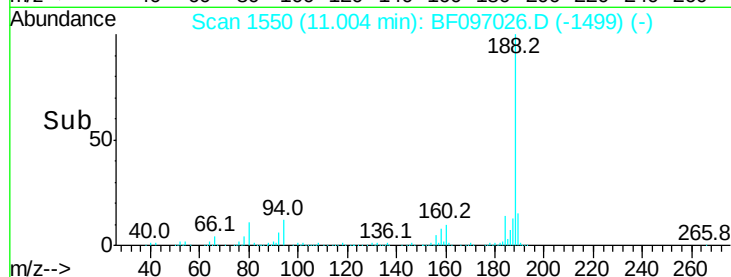
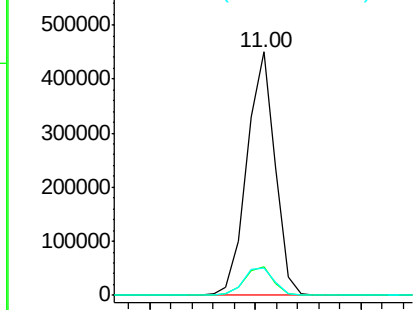
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 414507
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 11.3 10.2 15.2

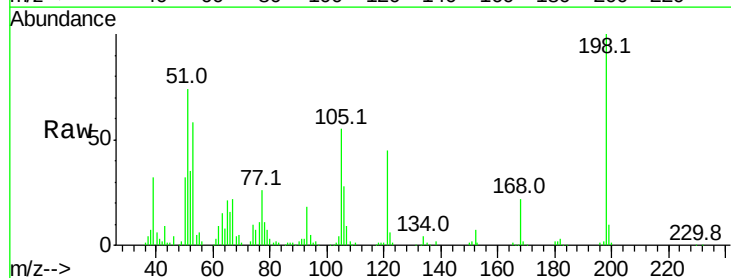


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

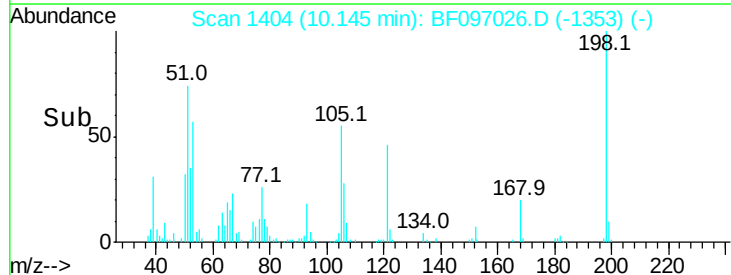
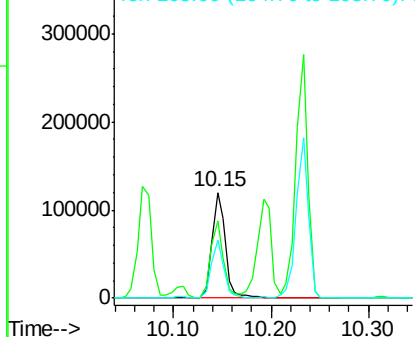


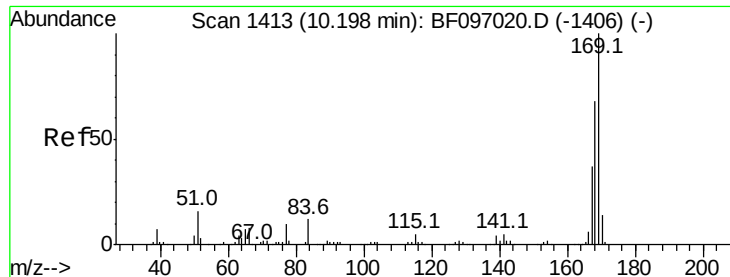
#64
4,6-Dinitro-2-methylphenol
Concen: 44.500 ng
RT: 10.15 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

Tgt Ion:198 Resp: 114618
Ion Ratio Lower Upper
198 100
51 73.6 53.2 93.2
105 54.7 45.8 85.8



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





#65

n-Nitrosodiphenylamine

Concen: 38.730 ng

RT: 10.20 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

Instrument :

BNA_F

ClientSampleId :

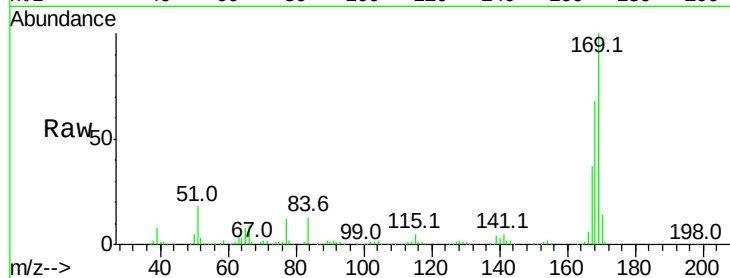
Tot Ion:169 Resp: 558581

Ion Ratio Lower Upper

169 100

168 67.7 53.2 79.8

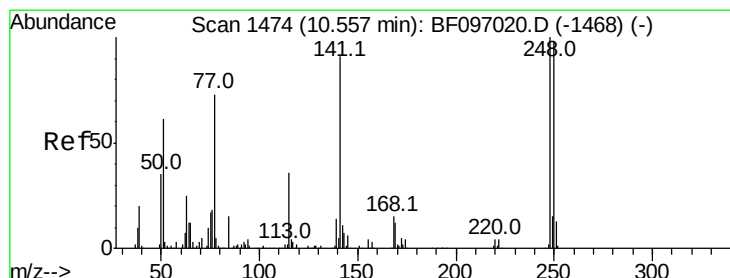
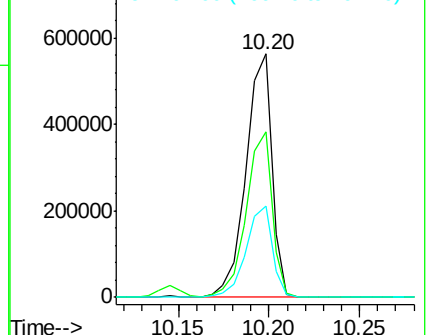
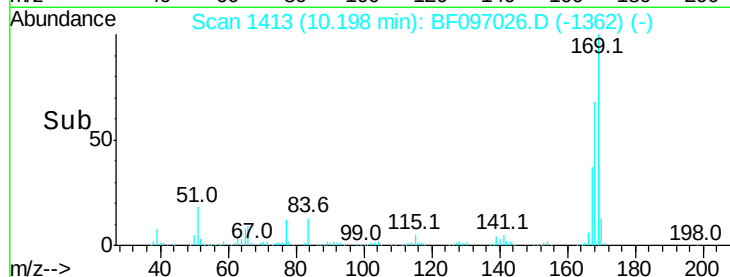
167 37.4 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.510 ng

RT: 10.56 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

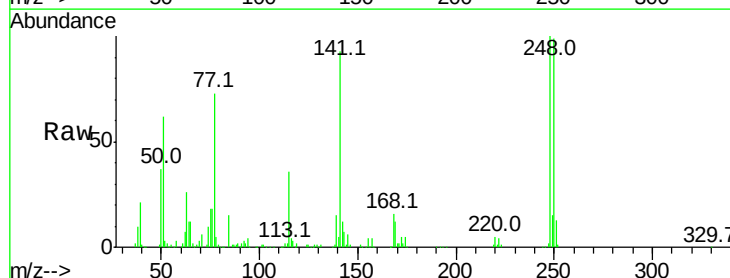
Tgt Ion:248 Resp: 163439

Ion Ratio Lower Upper

248 100

250 98.8 76.8 115.2

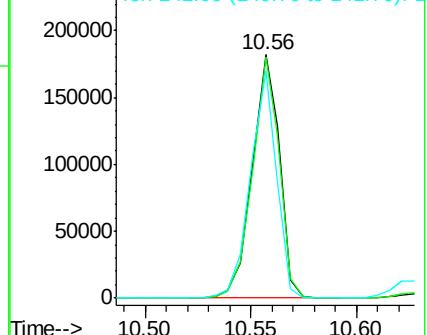
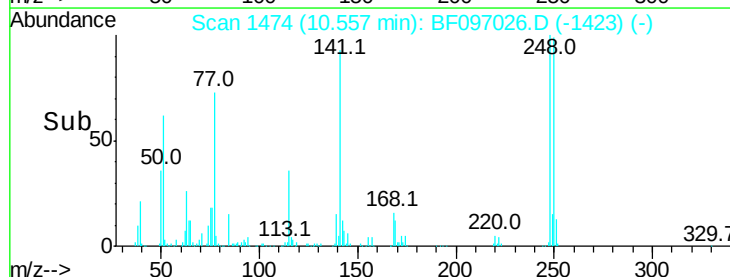
141 93.4 68.6 103.0

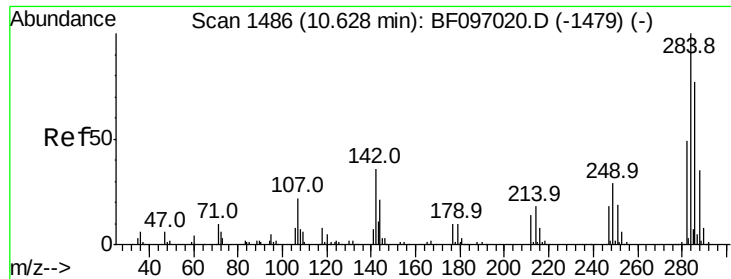


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.209 ng

RT: 10.63 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BF097026.D

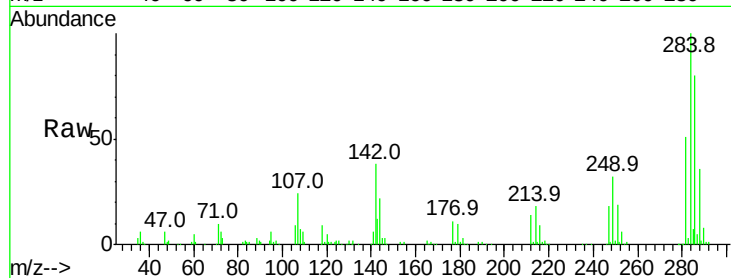
Acq: 25 Jul 2017 13:56

Instrument :

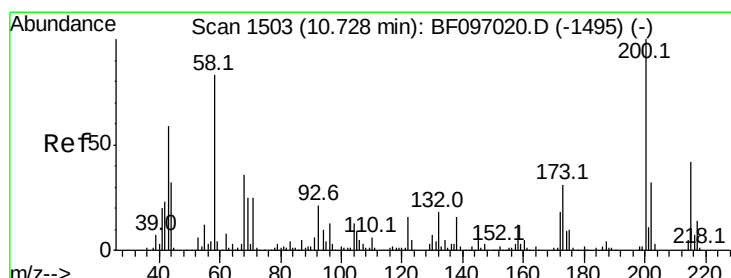
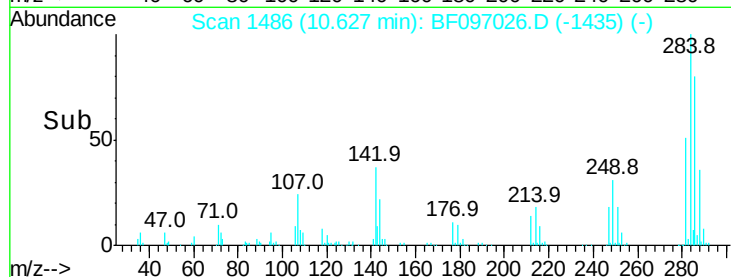
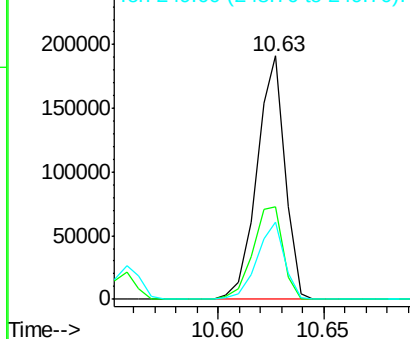
BNA_F

ClientSampleId :

Tot Ion:	284	Resp:	177244
Ion	Ratio	Lower	Upper
284	100		
142	37.9	22.8	34.2#
249	31.6	24.0	36.0



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



#68

Atrazine

Concen: 38.310 ng

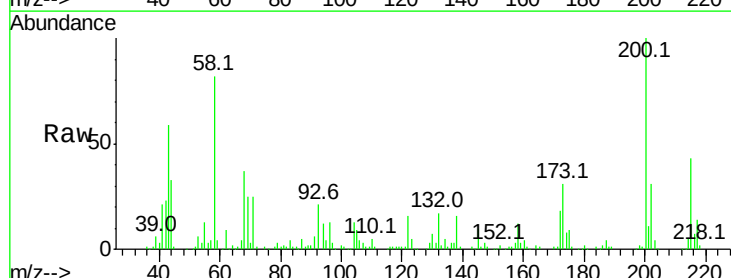
RT: 10.73 min Scan# 1503

Delta R.T. -0.00 min

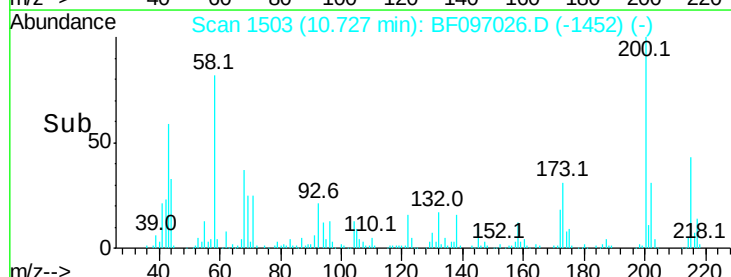
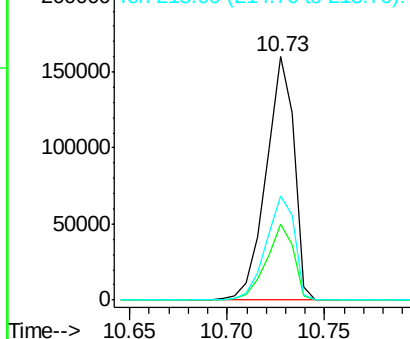
Lab File: BF097026.D

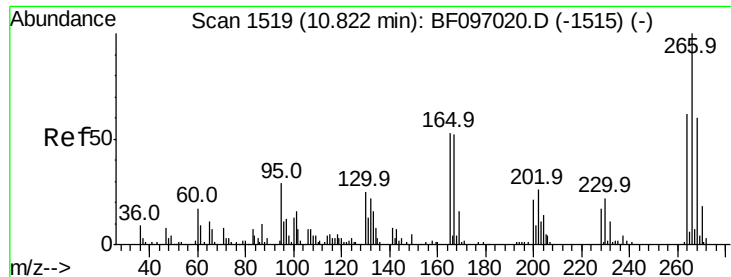
Acq: 25 Jul 2017 13:56

Tgt Ion:	200	Resp:	158438
Ion	Ratio	Lower	Upper
200	100		
173	31.4	6.3	46.3
215	43.0	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

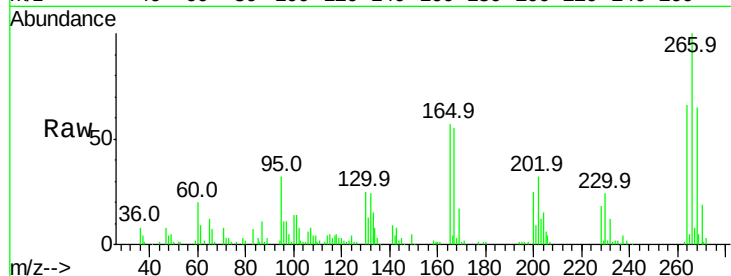




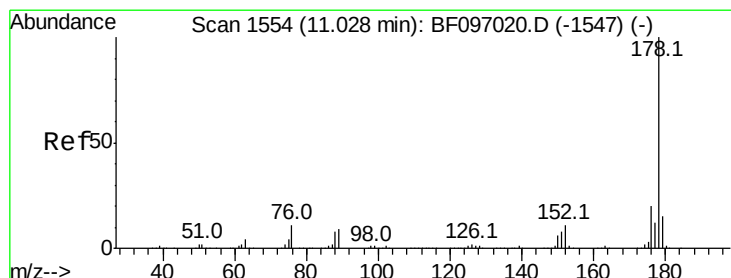
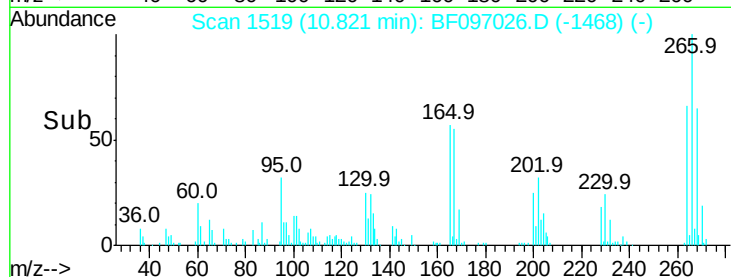
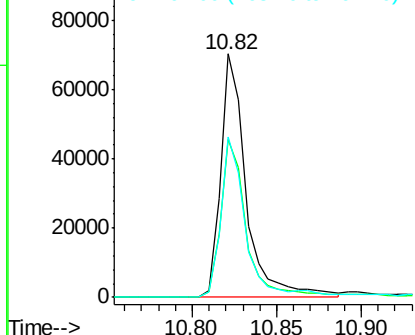
#69
 Pentachlorophenol
 Concen: 38.732 ng
 RT: 10.82 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF097026.D
 Acq: 25 Jul 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 74340
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.1 76.7
 264 66.0 51.7 77.5

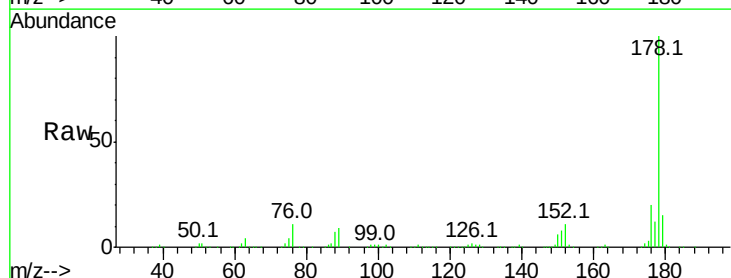


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

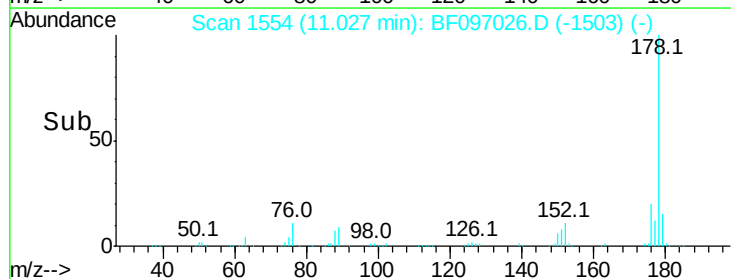
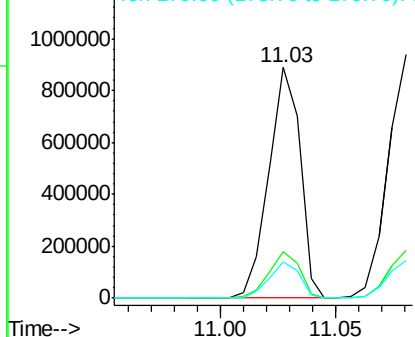


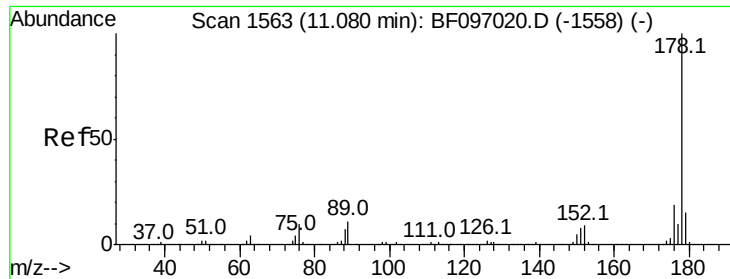
#70
 Phenanthrene
 Concen: 37.827 ng
 RT: 11.03 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF097026.D
 Acq: 25 Jul 2017 13:56

Tgt Ion:178 Resp: 840112
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.5 12.6 19.0



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





#71

Anthracene

Concen: 37.206 ng

RT: 11.08 min Scan# 1563

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

Instrument :

BNA_F

ClientSampleId :

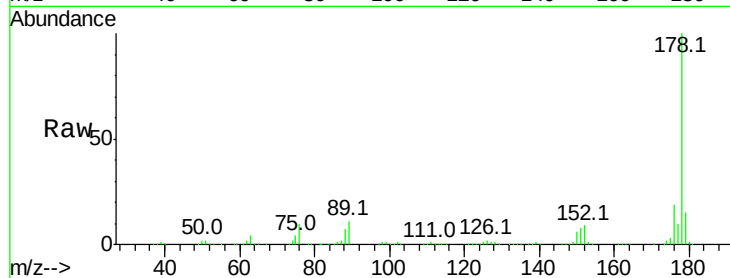
Tot Ion:178 Resp: 846333

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

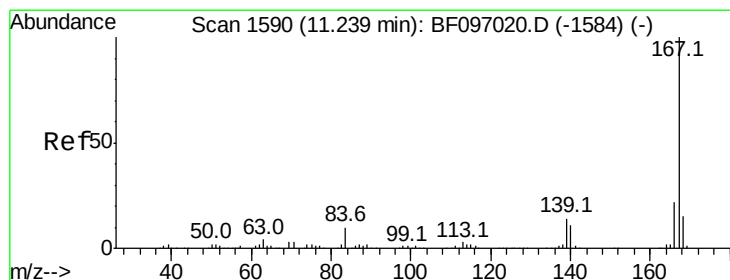
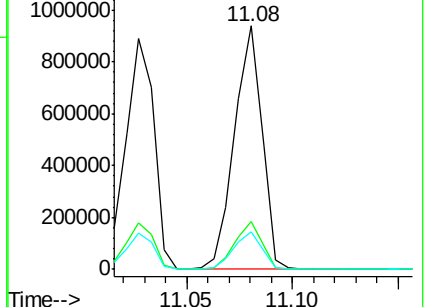
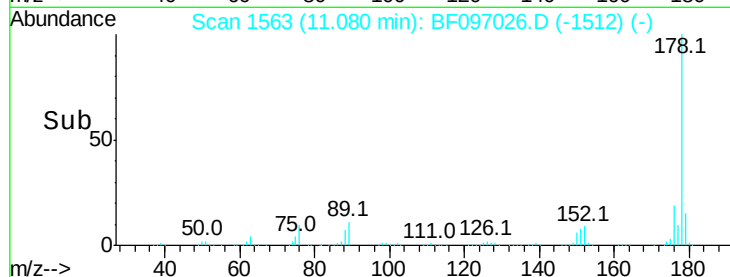
179 15.4 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.048 ng

RT: 11.24 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

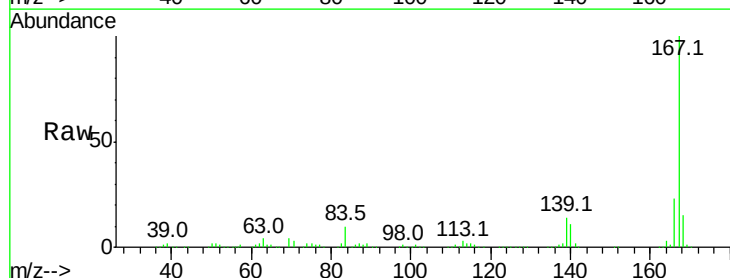
Tgt Ion:167 Resp: 851190

Ion Ratio Lower Upper

167 100

166 22.8 18.1 27.1

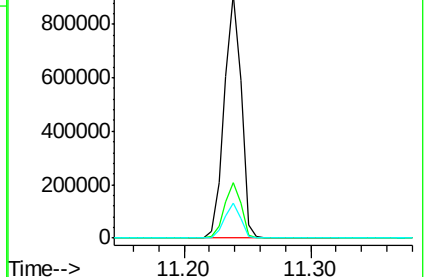
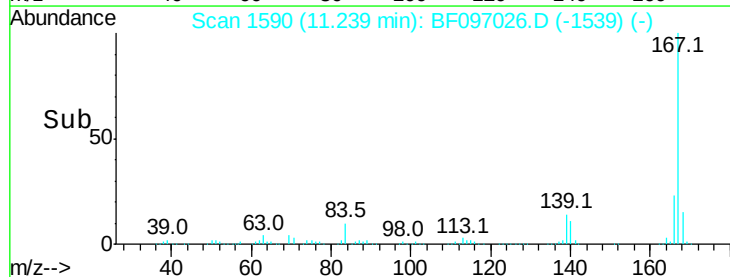
139 14.4 11.7 17.5

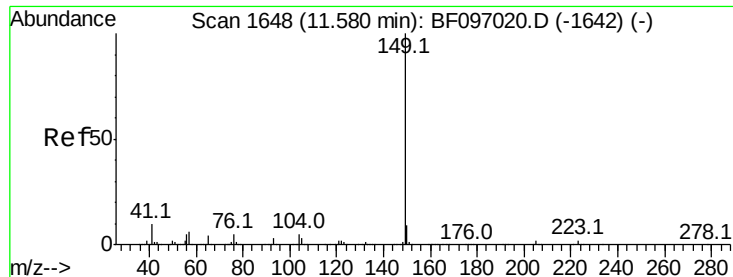


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.205 ng

RT: 11.58 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

Instrument :

BNA_F

ClientSampled :

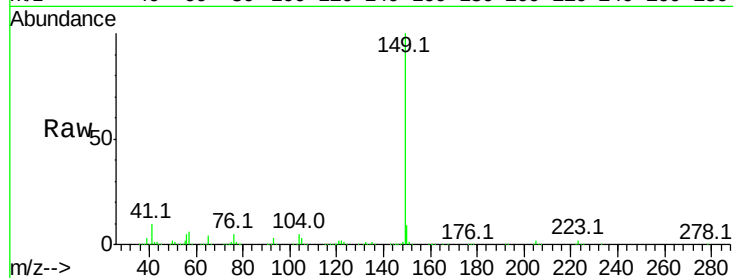
Tot Ion:149 Resp: 1084158

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

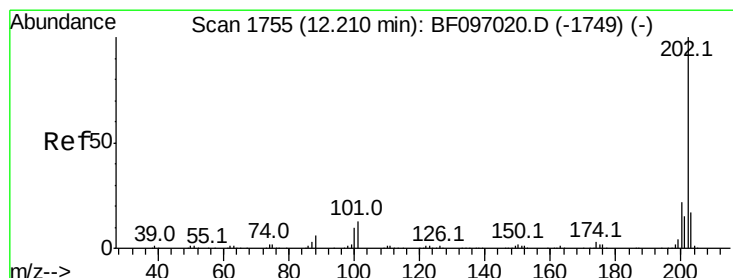
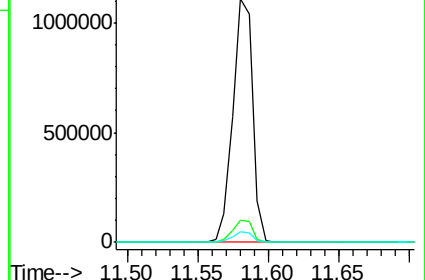
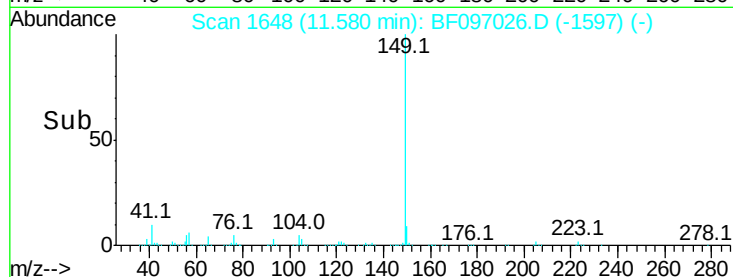
104 4.6 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.983 ng

RT: 12.21 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

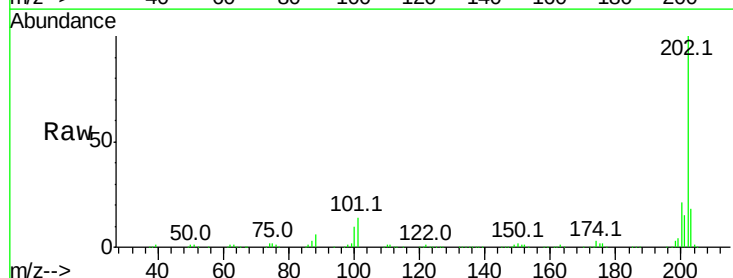
Tgt Ion:202 Resp: 826420

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

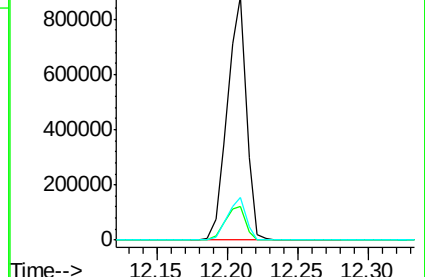
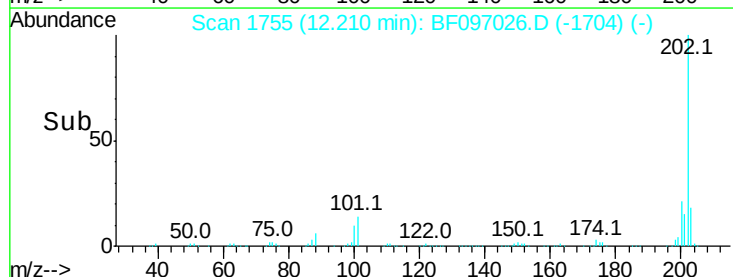
203 17.5 0.0 38.1

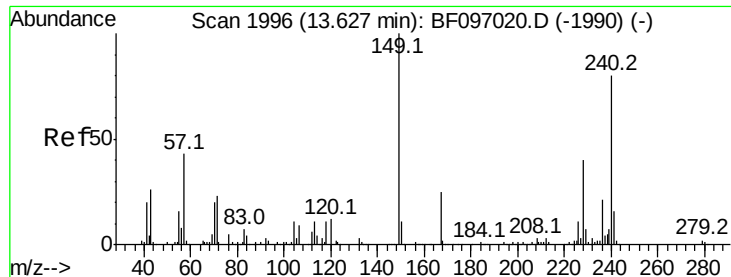


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.63 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

Instrument :

BNA_F

ClientSampleId :

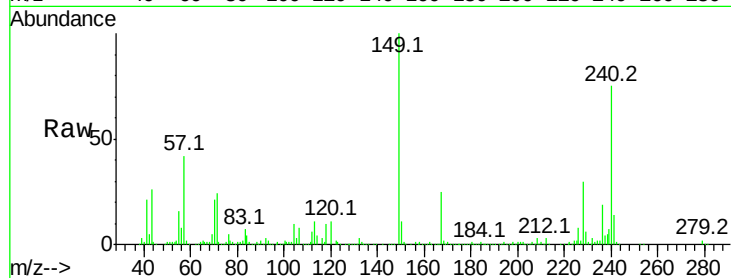
Tot Ion:240 Resp: 270178

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

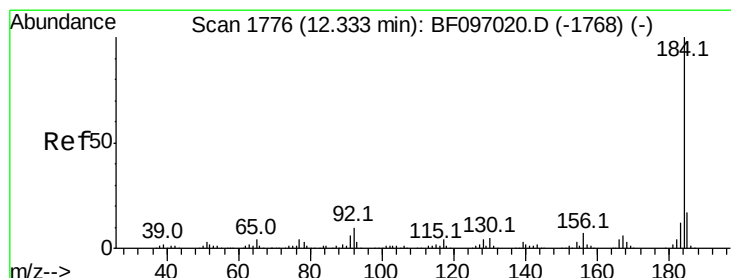
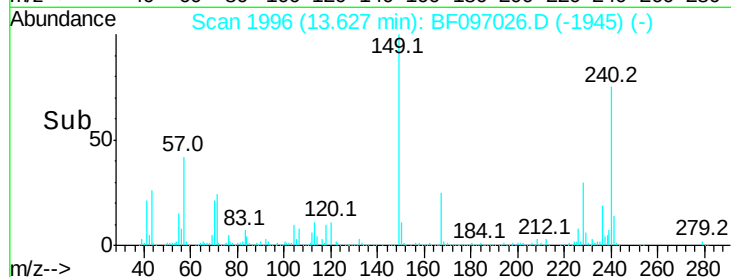
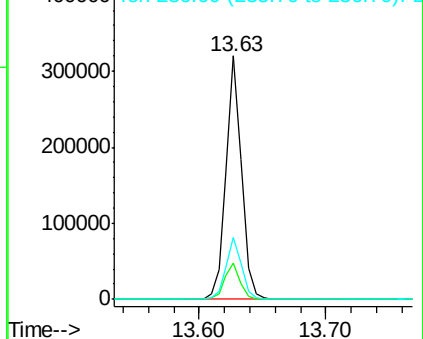
236 25.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.825 ng

RT: 12.33 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

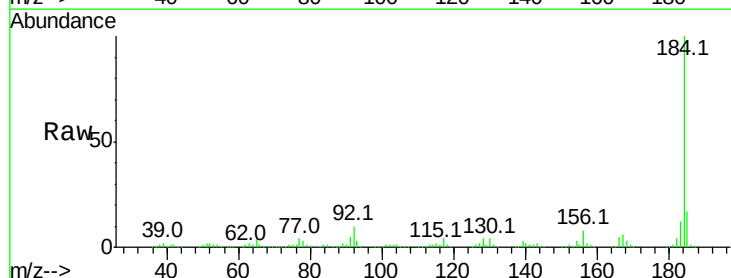
Tgt Ion:184 Resp: 419295

Ion Ratio Lower Upper

184 100

185 17.1 15.5 23.3

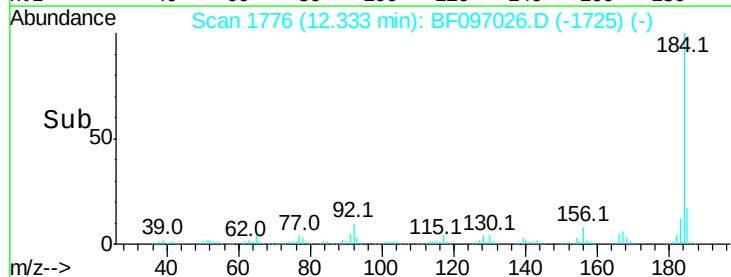
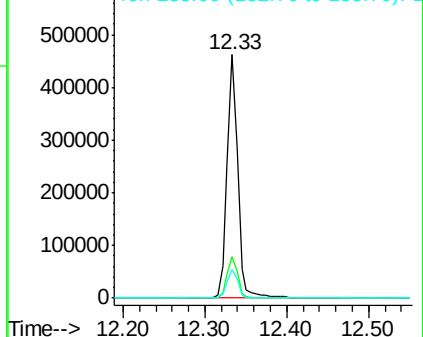
183 11.8 9.8 14.6

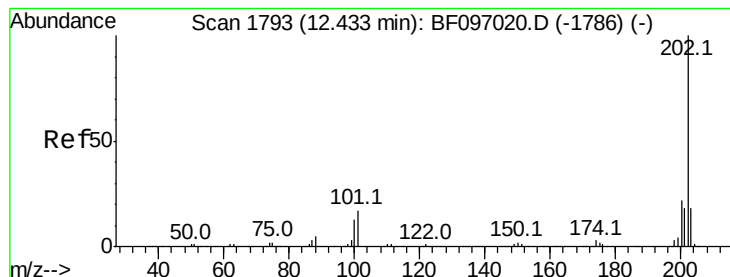


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.064 ng

RT: 12.43 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

Instrument :

BNA_F

ClientSampleId :

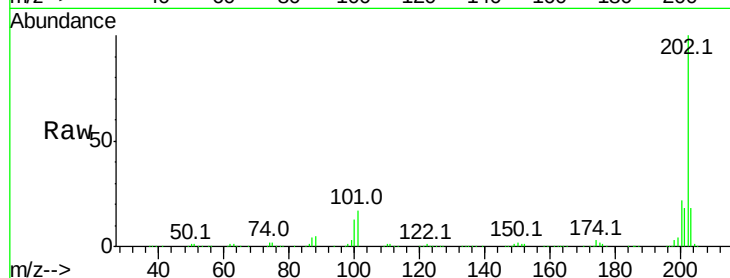
Tot Ion:202 Resp: 841914

Ion Ratio Lower Upper

202 100

200 22.4 17.6 26.4

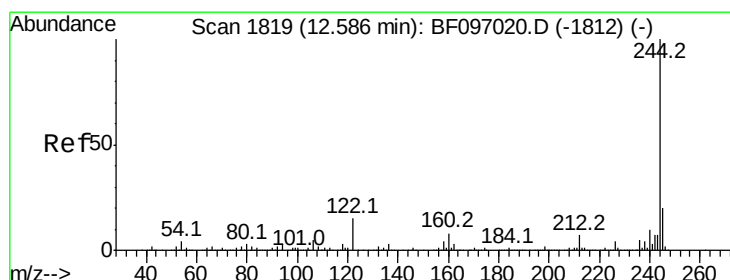
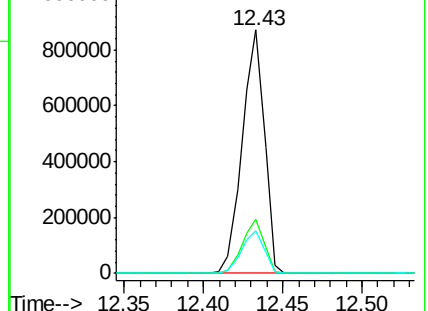
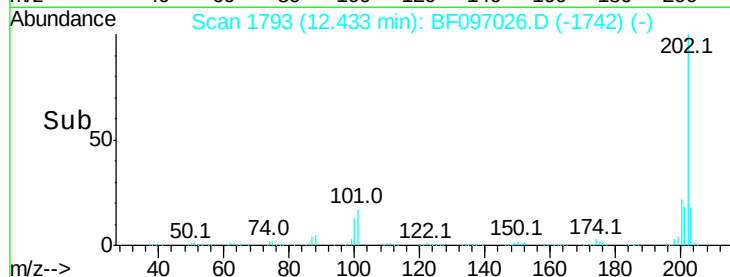
203 17.7 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.637 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

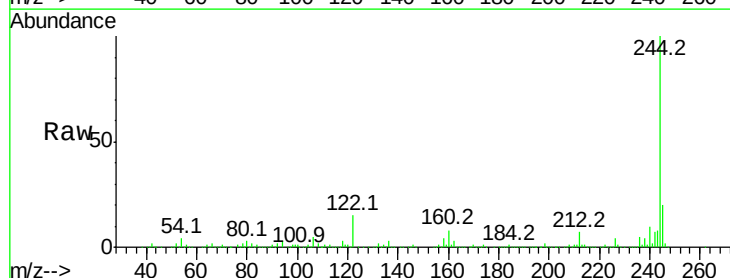
Tgt Ion:244 Resp: 1015550

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

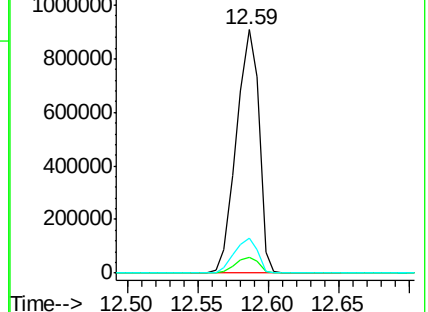
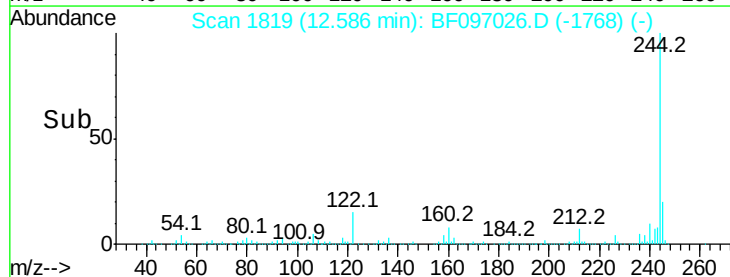
122 14.5 10.3 15.5

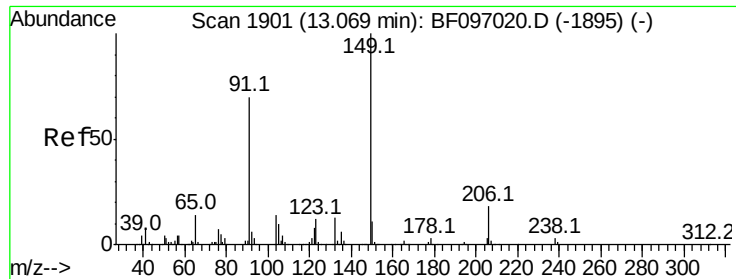


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

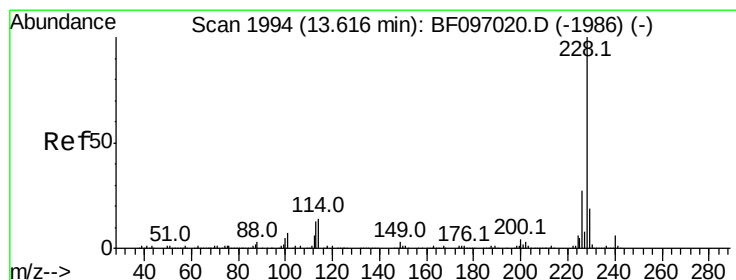
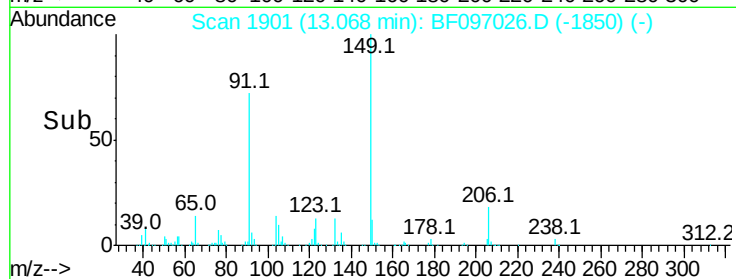
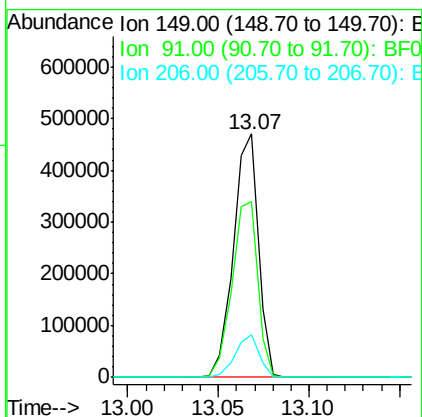
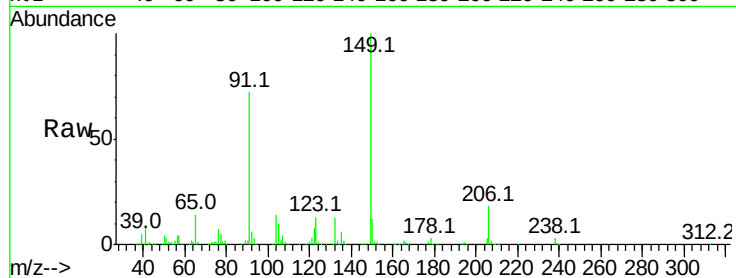




#79
Butylbenzylphthalate
Concen: 40.088 ng
RT: 13.07 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

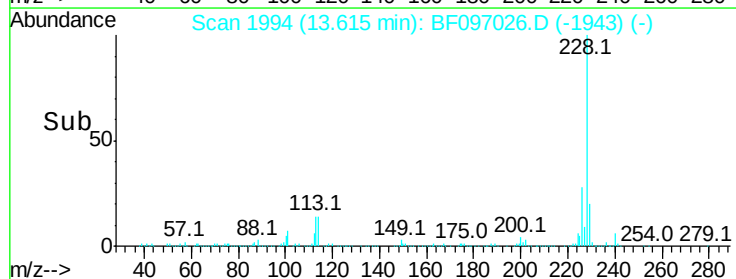
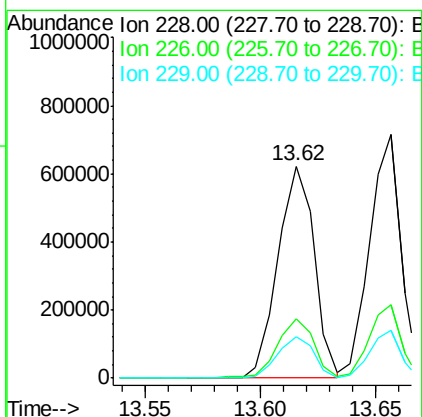
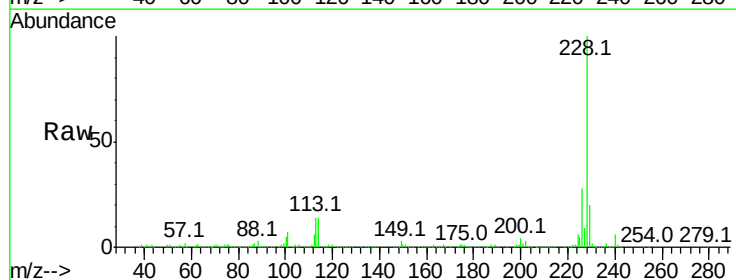
Instrument :
BNA_F
ClientSampleId :

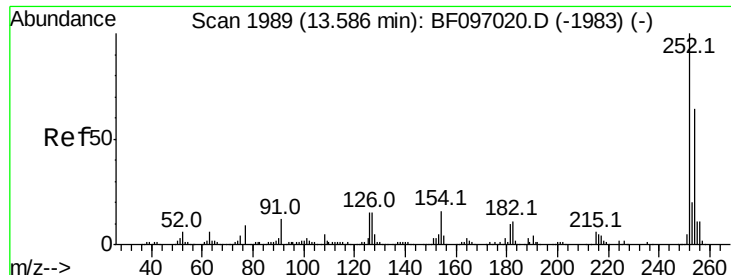
Tot Ion:149 Resp: 451040
Ion Ratio Lower Upper
149 100
91 72.1 45.0 67.4#
206 17.7 17.0 25.6



#80
Benzo(a)anthracene
Concen: 38.758 ng
RT: 13.62 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF097026.D
Acq: 25 Jul 2017 13:56

Tgt Ion:228 Resp: 677547
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.5 16.3 24.5

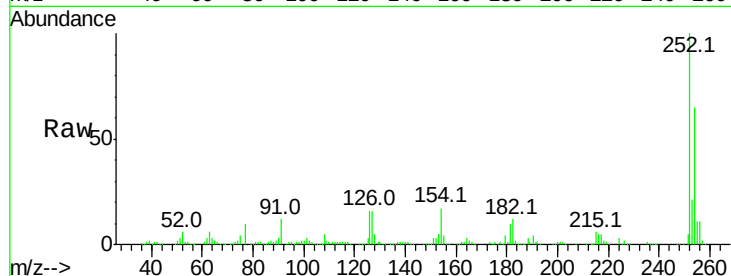




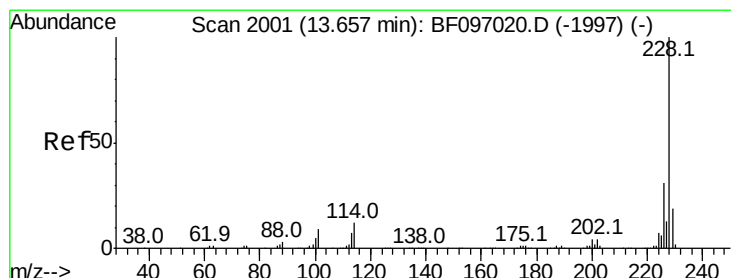
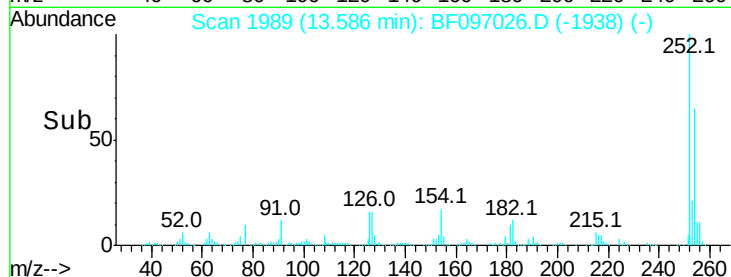
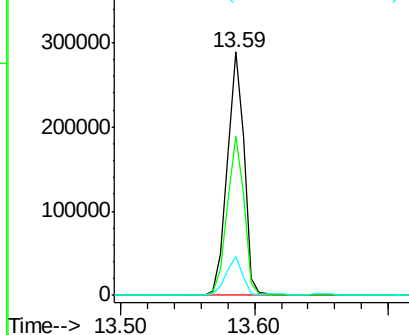
#81
 3,3'-Dichlorobenzidine
 Concen: 39.182 ng
 RT: 13.59 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF097026.D
 Acq: 25 Jul 2017 13:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	252	Resp:	258305
Ion Ratio	Lower	Upper	
252	100		
254	65.3	51.5	77.3
126	16.1	15.8	23.8

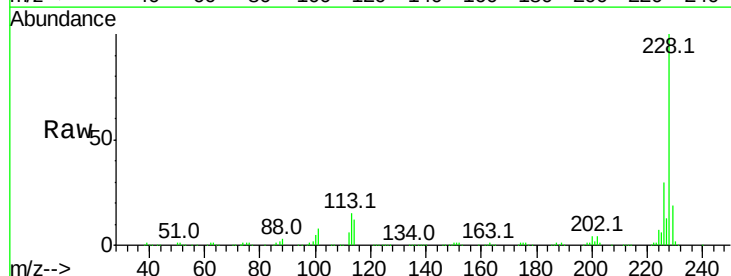


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

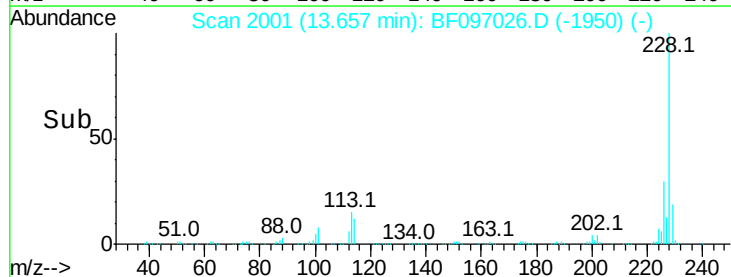
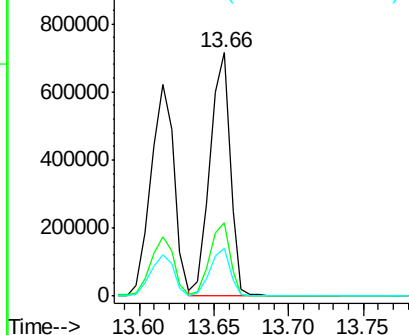


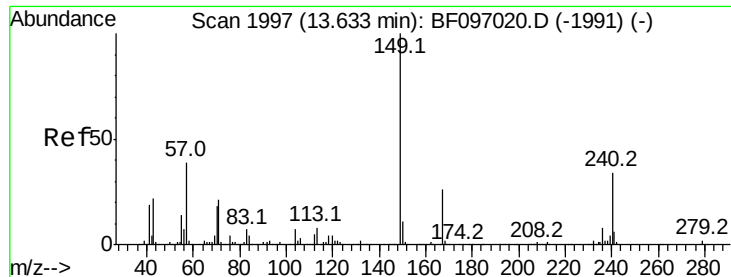
#82
 Chrysene
 Concen: 39.464 ng
 RT: 13.66 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF097026.D
 Acq: 25 Jul 2017 13:56

Tgt Ion:	228	Resp:	673656
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.9	37.3
229	19.4	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

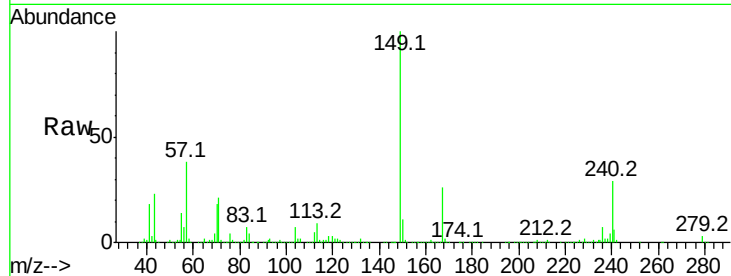




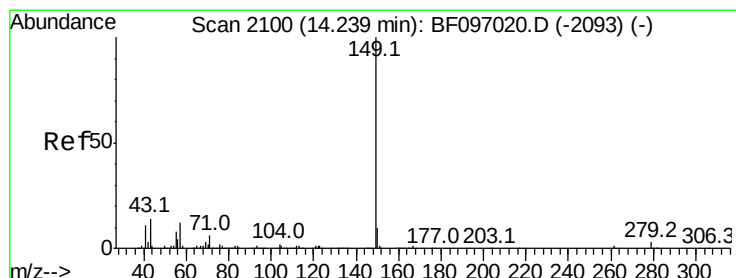
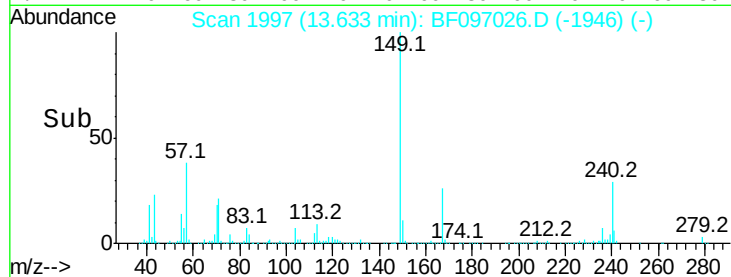
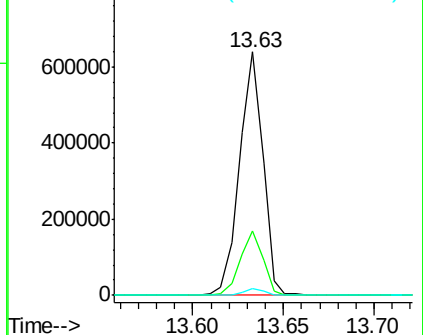
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.012 ng
 RT: 13.63 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF097026.D
 Acq: 25 Jul 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 573096
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.4
 279 2.7 1.9 2.9

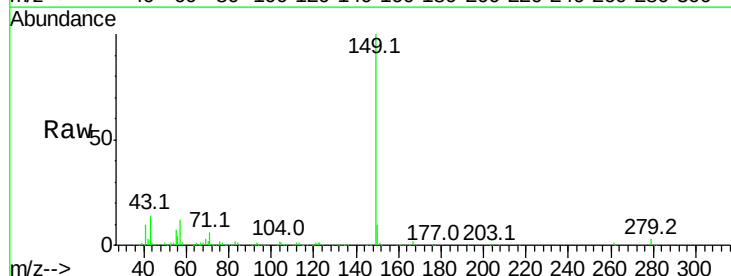


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

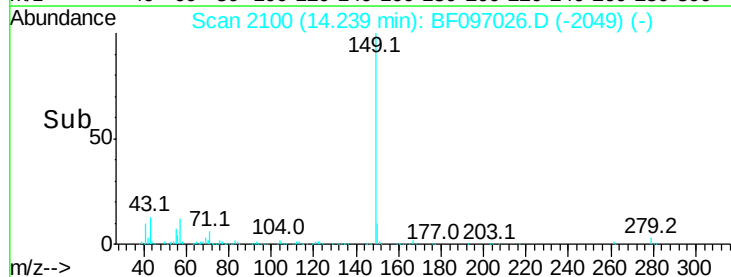
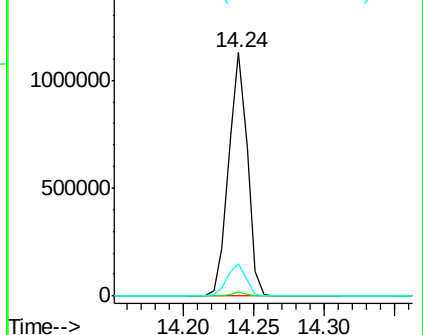


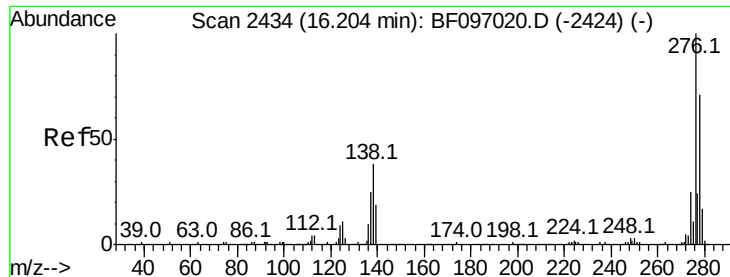
#84
 Di-n-octyl phthalate
 Concen: 38.581 ng
 RT: 14.24 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BF097026.D
 Acq: 25 Jul 2017 13:56

Tgt Ion:149 Resp: 1040086
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 13.5 8.5 12.7#



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

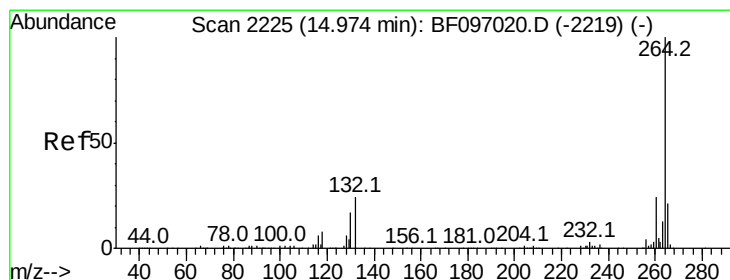
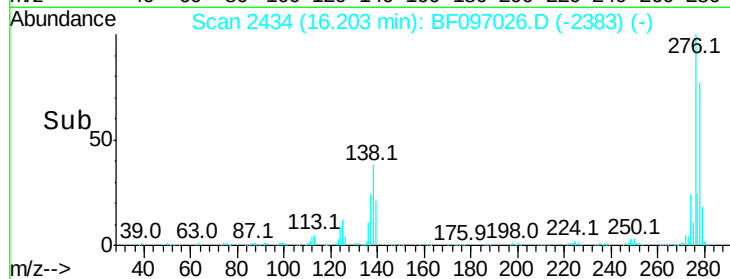
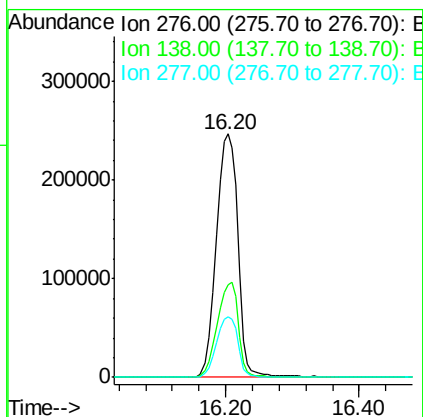
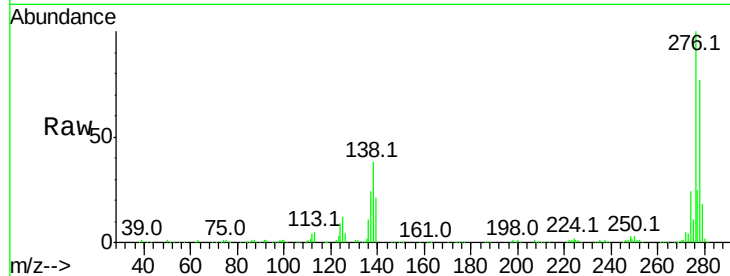




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.607 ng
 RT: 16.20 min Scan# 2434
 Delta R.T. -0.00 min
 Lab File: BF097026.D
 Acq: 25 Jul 2017 13:56

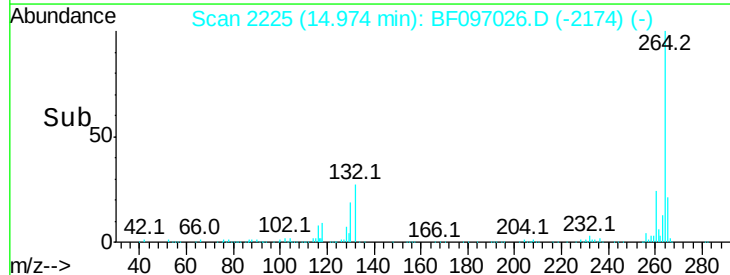
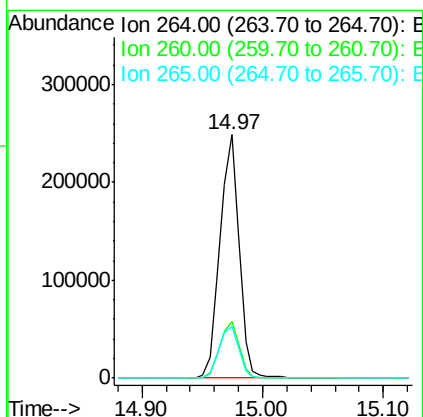
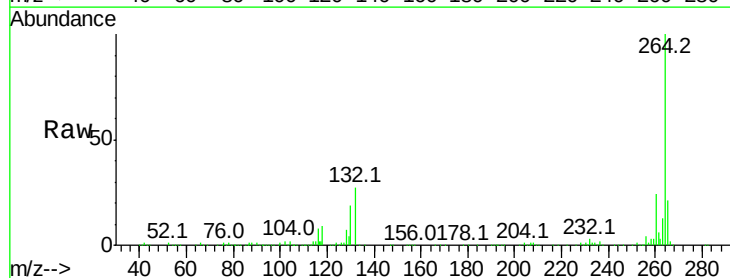
Instrument :
 BNA_F
 ClientSampleId :

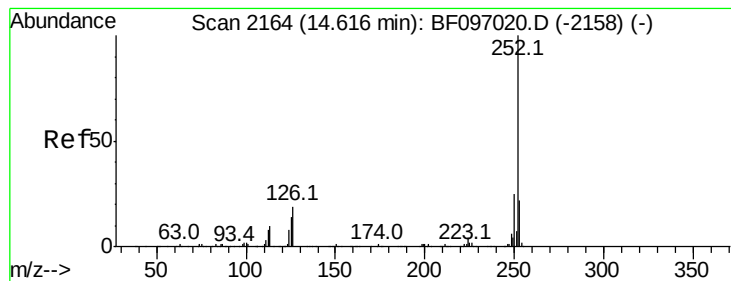
Tot Ion	Ratio	Lower	Upper
276	100		
138	38.0	27.8	41.6
277	24.5	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.97 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF097026.D
 Acq: 25 Jul 2017 13:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.215 ng

RT: 14.62 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

Instrument :

BNA_F

ClientSampleId :

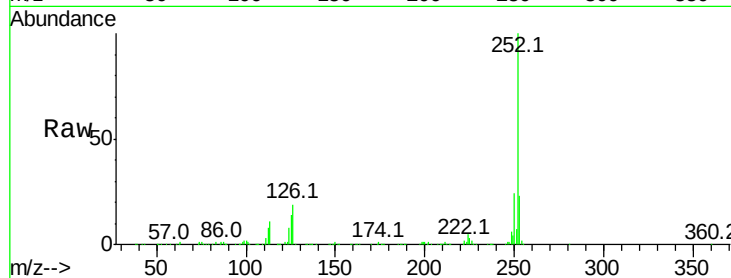
Tot Ion:252 Resp: 627920

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

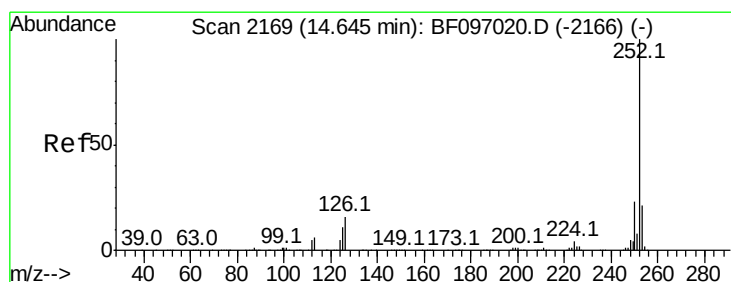
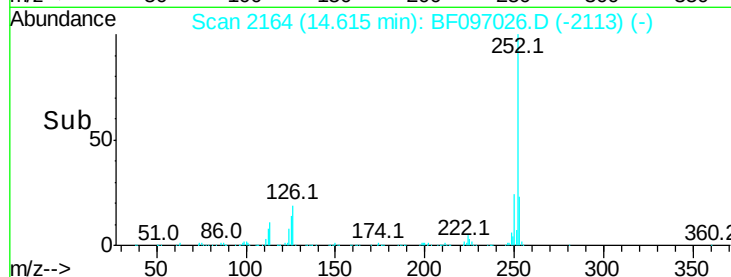
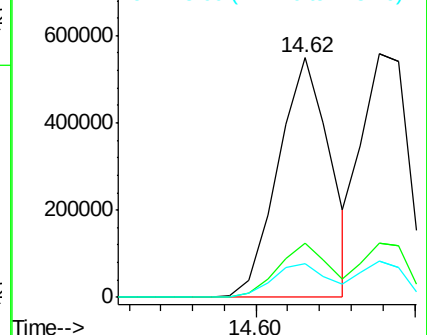
125 14.3 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.459 ng

RT: 14.64 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

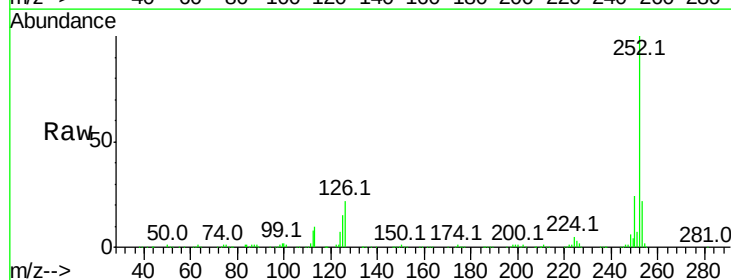
Tgt Ion:252 Resp: 586511

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

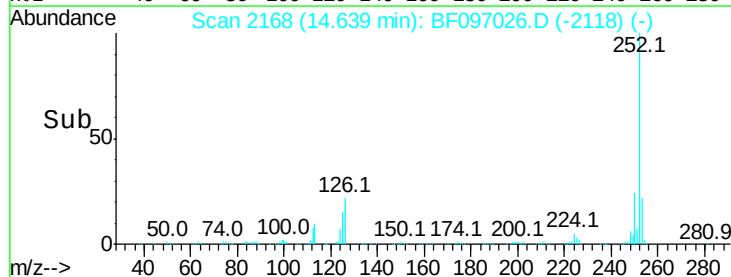
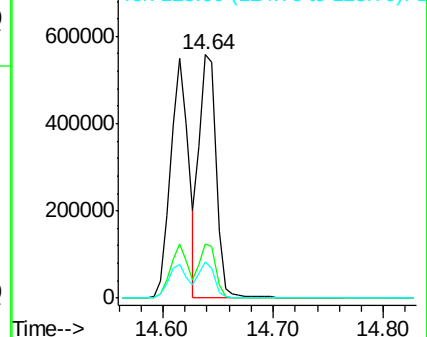
125 15.1 13.1 19.7

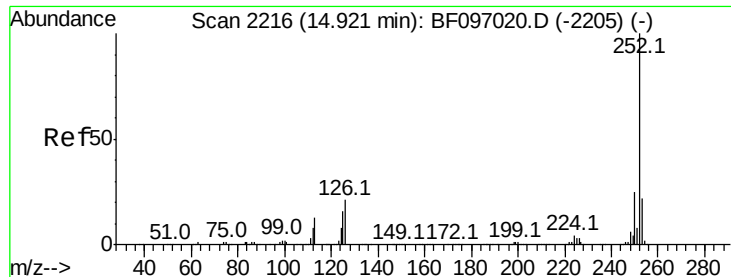


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 30.756 ng

RT: 14.64 min Scan# 2168

Delta R.T. -0.28 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

Instrument :

BNA_F

ClientSampleId :

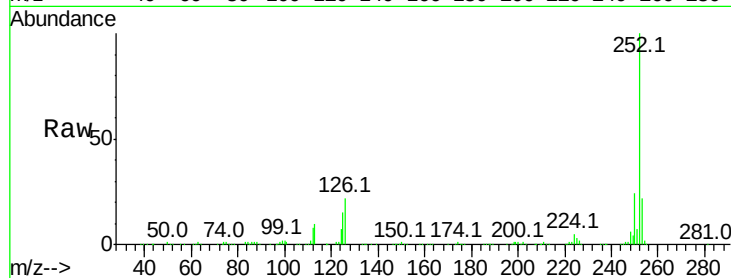
Tot Ion:252 Resp: 462508

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

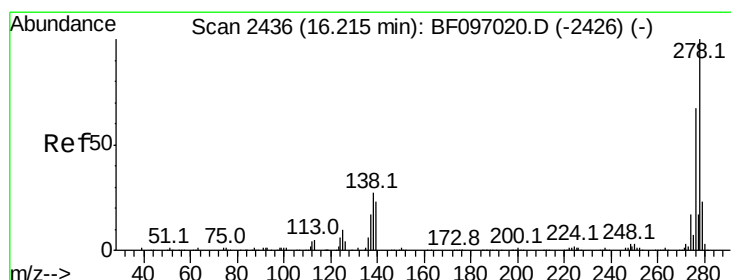
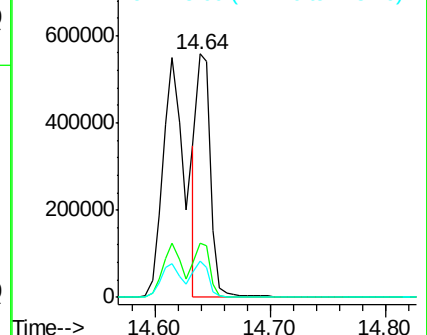
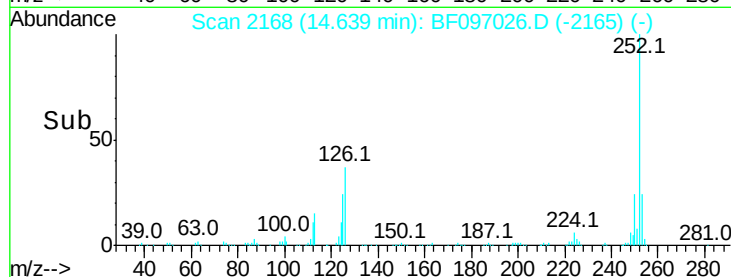
125 15.1 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.310 ng

RT: 16.22 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

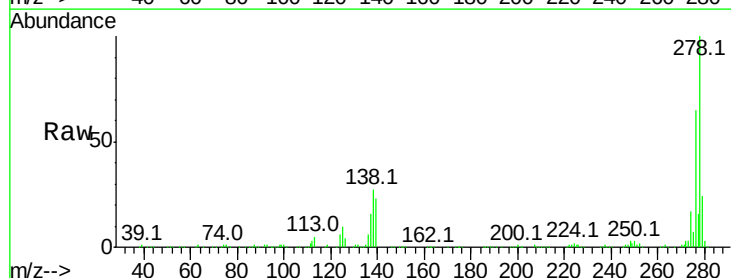
Tgt Ion:278 Resp: 447781

Ion Ratio Lower Upper

278 100

139 23.4 16.6 24.8

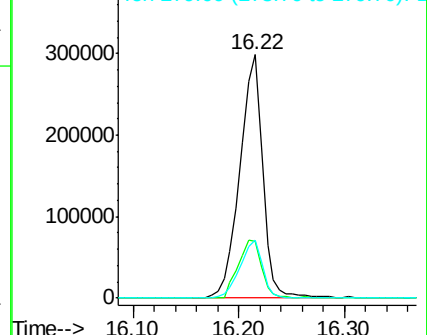
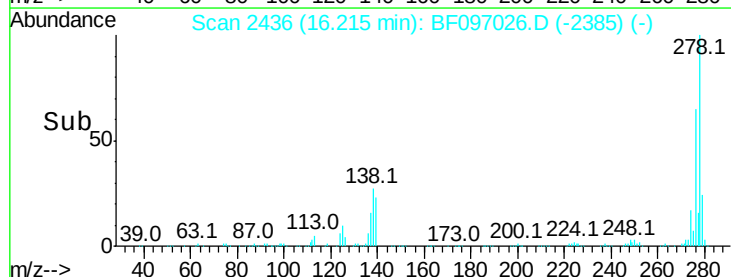
279 23.7 19.3 28.9

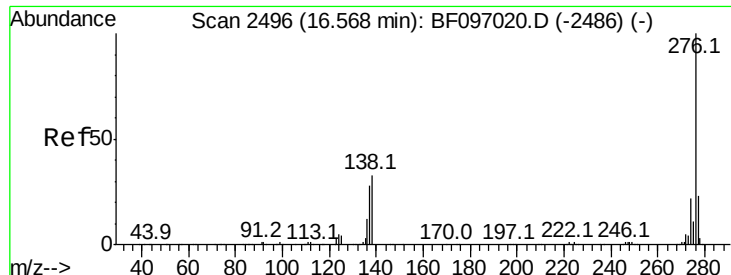


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 36.945 ng

RT: 16.57 min Scan# 2496

Delta R.T. -0.00 min

Lab File: BF097026.D

Acq: 25 Jul 2017 13:56

Instrument :

BNA_F

ClientSampleId :

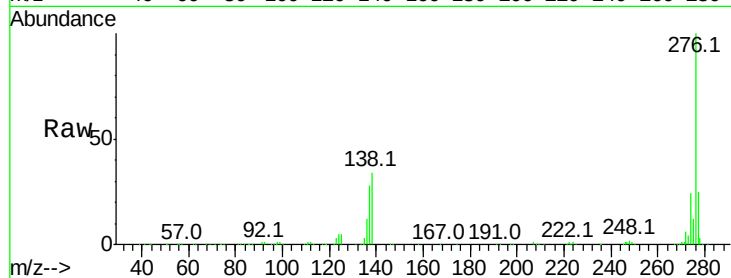
Tot Ion:276 Resp: 477780

Ion Ratio Lower Upper

276 100

277 24.6 18.6 28.0

138 34.0 25.4 38.0



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

