

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097023.D
 Acq On : 25 Jul 2017 12:31
 Operator : SJ/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 25 13:22:30 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 13:17:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	133348	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	538776	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	241234	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	360476	20.00	ng	0.00
75) Chrysene-d12	13.63	240	184421	20.00	ng	0.00
86) Perylene-d12	14.97	264	215098	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	1248693	140.80	ng	0.00
7) Phenol-d6	6.18	99	1400457	131.59	ng	0.01
23) Nitrobenzene-d5	7.09	82	1381375	158.81	ng	0.01
41) 2,4,6-Tribromophenol	10.33	330	249666	121.25	ng	0.00
44) 2-Fluorobiphenyl	8.87	172	1820856	119.25	ng	0.00
78) Terphenyl-d14	12.60	244	1476268	138.83	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.05	88	308722	67.652	ng	# 75
3) Pyridine	2.67	79	949412	98.995	ng	# 66
4) n-Nitrosodimethylamine	2.65	42	508436	94.800	ng	# 83
6) Aniline	6.17	93	905895	69.103	ng	# 66
8) 2-Chlorophenol	6.30	128	661931	69.185	ng	# 90
9) Benzaldehyde	6.05	77	323175	52.537	ng	# 98
10) Phenol	6.20	94	876448	72.849	ng	# 96
11) bis(2-Chloroethyl)ether	6.26	93	691124	76.390	ng	# 90
12) 1,3-Dichlorobenzene	6.45	146	739146	72.679	ng	# 98
13) 1,4-Dichlorobenzene	6.52	146	734400	71.306	ng	# 95
14) 1,2-Dichlorobenzene	6.68	146	543262	57.993	ng	# 98
15) Benzyl Alcohol	6.67	79	428843	61.547	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	6.80	45	1404481	75.221	ng	# 85
17) 2-Methylphenol	6.80	107	568545	76.417	ng	# 86
18) Hexachloroethane	7.02	117	278422	76.237	ng	# 82
19) n-Nitroso-di-n-propylamine	6.95	70	462448	72.125	ng	# 85
20) 3+4-Methylphenols	6.96	107	623086	69.015	ng	# 62
22) Acetophenone	6.93	105	951324	79.002	ng	# 97
24) Nitrobenzene	7.10	77	705191	78.389	ng	# 95
25) Isophorone	7.35	82	1379079	85.228	ng	# 97
26) 2-Nitrophenol	7.42	139	403121	80.590	ng	# 88
27) 2,4-Dimethylphenol	7.47	122	628466	76.370	ng	# 97
28) bis(2-Chloroethoxy)methane	7.56	93	866644	79.260	ng	# 98
29) 2,4-Dichlorophenol	7.67	162	510604	68.547	ng	# 98
30) 1,2,4-Trichlorobenzene	7.74	180	514130	72.592	ng	# 98
31) Naphthalene	7.82	128	1776837	69.617	ng	# 100
32) Benzoic acid	7.65	122	410031	77.958	ng	# 99
33) 4-Chloroaniline	7.87	127	779598	77.095	ng	# 99
34) Hexachlorobutadiene	7.93	225	266277	70.428	ng	# 97
35) Caprolactam	8.29	113	152108	63.729	ng	# 64
36) 4-Chloro-3-methylphenol	8.38	107	574480	71.725	ng	# 87
37) 2-Methylnaphthalene	8.50	142	1130349	69.467	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	420678	64.510	ng	# 99
40) Hexachlorocyclopentadiene	8.66	237	180376	83.226	ng	# 99

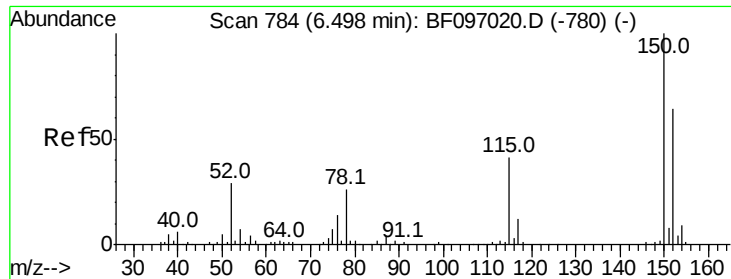
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	336749	70.007	nq	97
43) 2,4,5-Trichlorophenol	8.84	196	324732	66.938	nq	98
45) 1,1'-Biphenyl	8.97	154	1325479	64.066	nq	98
46) 2-Chloronaphthalene	8.99	162	1016648	66.733	nq #	92
47) 2-Nitroaniline	9.09	65	417342	79.696	nq	98
48) Acenaphthylene	9.40	152	1520867	62.655	nq	99
49) Dimethylphthalate	9.29	163	1340572	73.803	nq	99
50) 2,6-Dinitrotoluene	9.35	165	278999	70.914	nq #	79
51) Acenaphthene	9.57	154	921411	64.257	nq	98
52) 3-Nitroaniline	9.51	138	360933	77.440	nq	96
53) 2,4-Dinitrophenol	9.62	184	159916	96.624	nq #	74
54) Dibenzofuran	9.75	168	1168343	58.143	nq	98
55) 4-Nitrophenol	9.70	139	239595	70.364	nq #	68
56) 2,4-Dinitrotoluene	9.75	165	309019	61.124	nq #	78
57) Fluorene	10.09	166	860050	57.920	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.87	232	231198	68.718	nq	99
59) Diethylphthalate	9.98	149	1161665	65.695	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	347474	55.656	nq	96
61) 4-Nitroaniline	10.13	138	329102	75.193	nq	93
62) Azobenzene	10.24	77	1032927	66.215	nq	93
64) 4,6-Dinitro-2-methylphenol	10.16	198	200014	88.374	nq	86
65) n-Nitrosodiphenylamine	10.20	169	889731	69.048	nq	98
66) 4-Bromophenyl-phenylether	10.56	248	263371	71.562	nq	96
67) Hexachlorobenzene	10.63	284	285997	69.772	nq #	91
68) Atrazine	10.74	200	250688	68.286	nq	93
69) Pentachlorophenol	10.83	266	146345	73.904	nq	97
70) Phenanthrene	11.03	178	1341890	68.463	nq	99
71) Anthracene	11.09	178	1329362	67.081	nq	100
72) Carbazole	11.25	167	1367928	71.280	nq	100
73) Di-n-butylphthalate	11.59	149	1705785	71.371	nq	100
74) Fluoranthene	12.22	202	1277781	68.109	nq	98
76) Benzidine	12.34	184	497508	82.346	nq	98
77) Pyrene	12.44	202	1349244	80.614	nq	99
79) Butylbenzylphthalate	13.07	149	722155	90.810	nq #	75
80) Benzo(a)anthracene	13.62	228	1007137	87.647	nq	99
81) 3,3'-Dichlorobenzidine	13.59	252	367302	88.889	nq	98
82) Chrysene	13.66	228	1009332	89.225	nq	100
83) Bis(2-ethylhexyl)phthalate	13.64	149	850316	87.802	nq #	99
84) Di-n-octyl phthalate	14.24	149	1630703	101.864	nq #	93
85) Indeno(1,2,3-cd)pyrene	16.22	276	919324	89.543	nq	98
87) Benzo(b)fluoranthene	14.62	252	957417	73.802	nq	98
88) Benzo(k)fluoranthene	14.62	252	957417	77.937	nq	97
89) Benzo(a)pyrene	14.93	252	848986	71.353	nq	100
90) Dibenzo(a,h)anthracene	16.23	278	727326	66.432	nq	96
91) Benzo(g,h,i)perylene	16.59	276	792420	67.589	nq	99

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

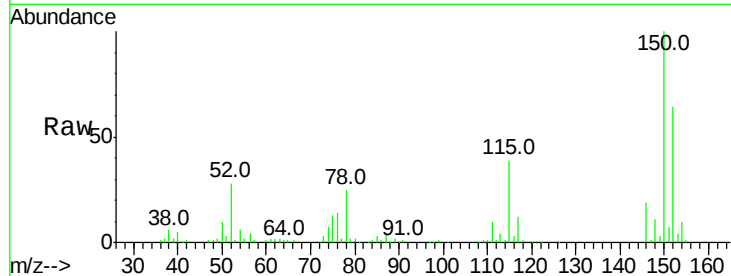


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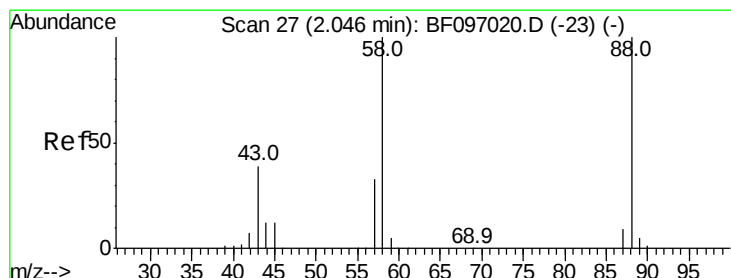
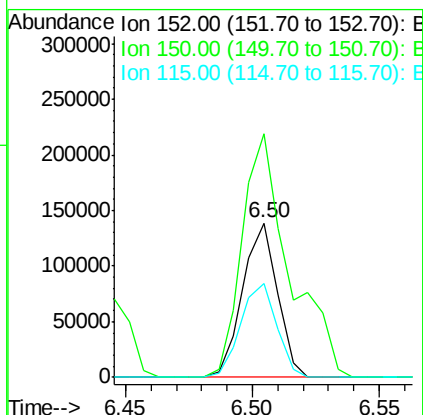
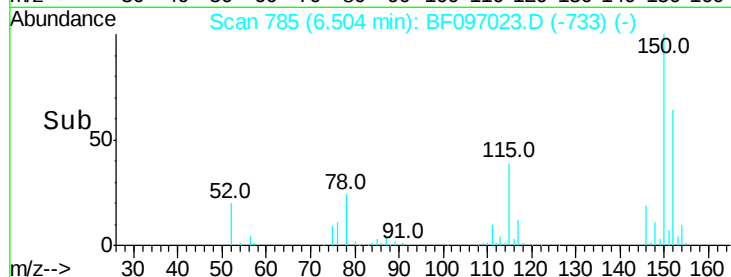
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 785
Delta R.T. 0.01 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 133348
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.2
115 61.1 52.2 78.2



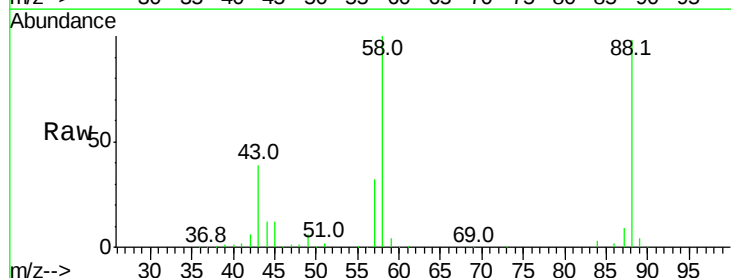
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



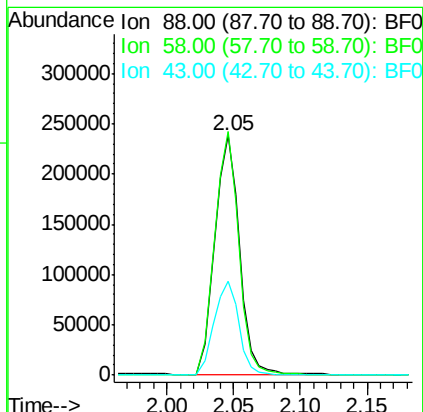
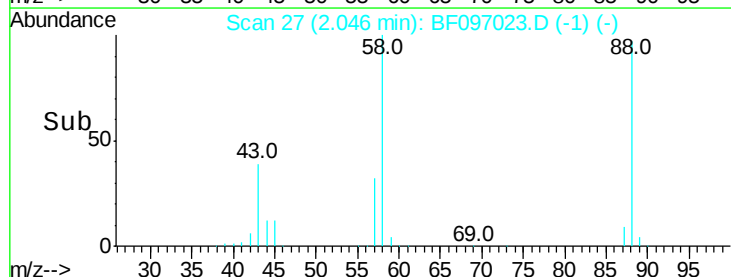
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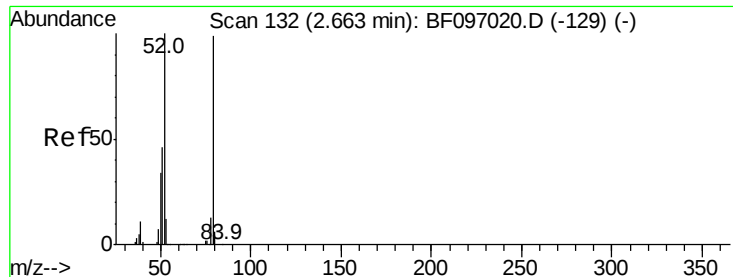
1,4-Dioxane
Concen: 67.652 ng
RT: 2.05 min Scan# 27
Delta R.T. 0.00 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

Tgt Ion: 88 Resp: 308722
Ion Ratio Lower Upper
88 100
58 100.5 61.4 92.0#
43 39.2 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: 98.995 ng

RT: 2.67 min Scan# 133

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

Instrument :

BNA_F

ClientSampleId :

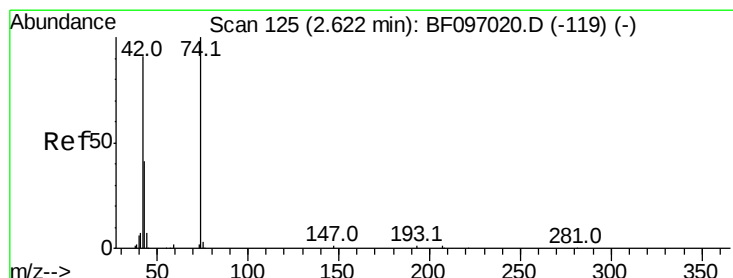
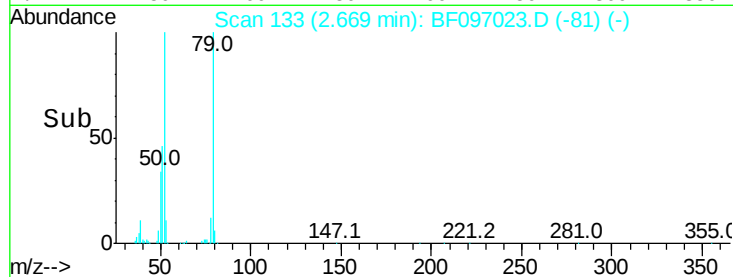
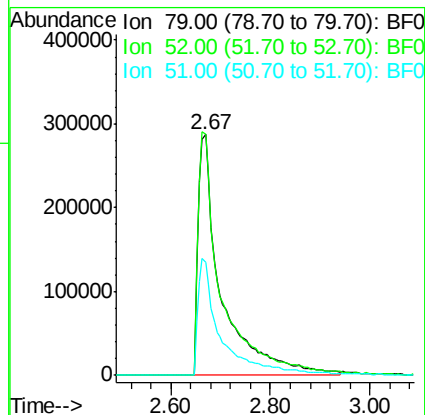
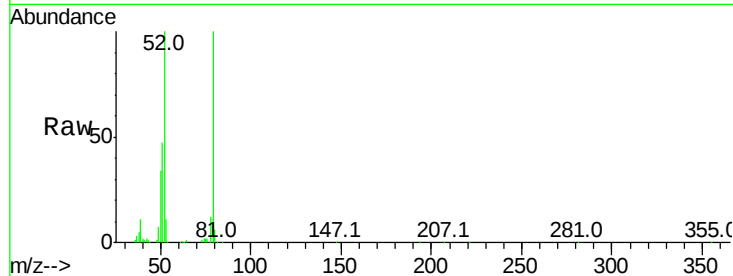
Tot Ion: 79 Resp: 949412

Ion Ratio Lower Upper

79 100

52 100.3 54.8 82.2#

51 47.0 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 94.800 ng

RT: 2.65 min Scan# 129

Delta R.T. 0.02 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

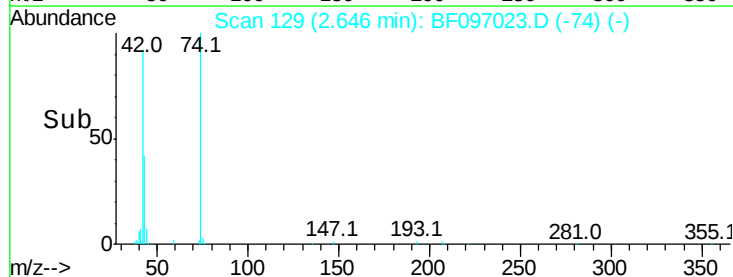
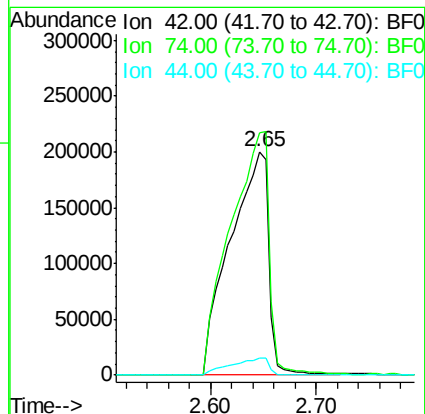
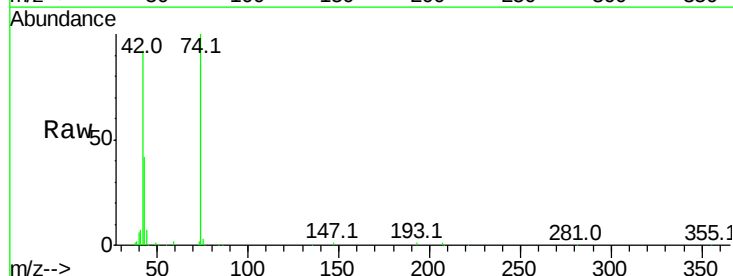
Tgt Ion: 42 Resp: 508436

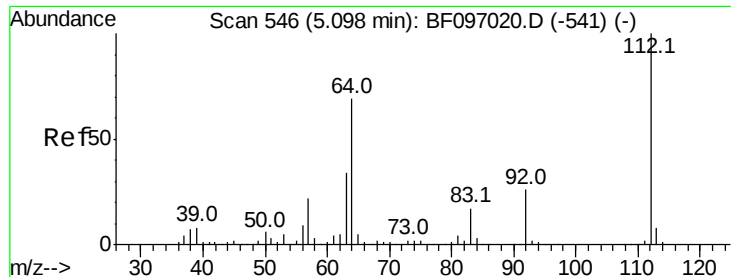
Ion Ratio Lower Upper

42 100

74 108.8 103.9 155.9

44 7.7 5.7 8.5





#5

2-Fluorophenol

Concen: 140.798 ng

RT: 5.10 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

Instrument :

BNA_F

ClientSampled :

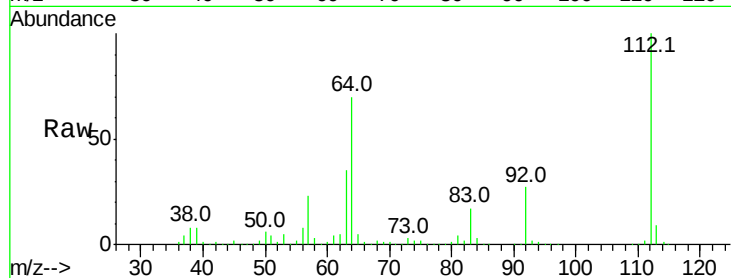
Tot Ion:112 Resp: 1248693

Ion Ratio Lower Upper

112 100

64 69.8 46.0 69.0#

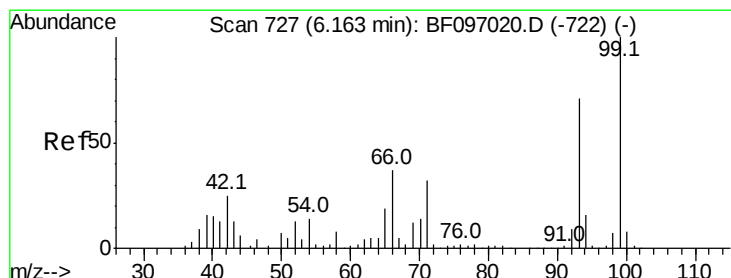
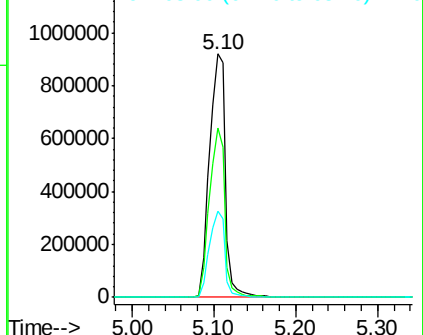
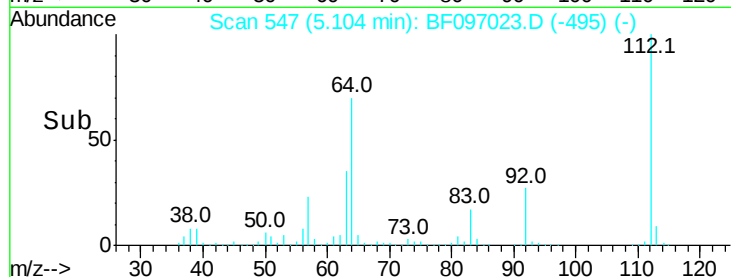
63 35.2 23.4 35.0#



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: 69.103 ng

RT: 6.17 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

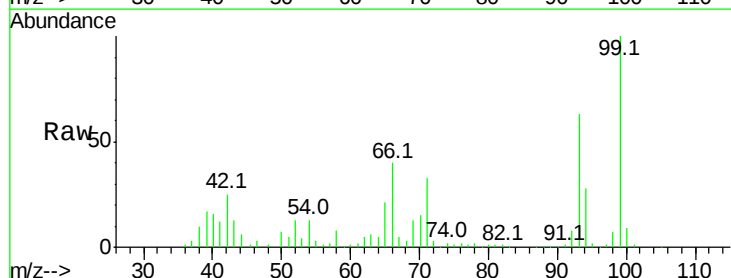
Tgt Ion: 93 Resp: 905895

Ion Ratio Lower Upper

93 100

66 63.3 32.9 49.3#

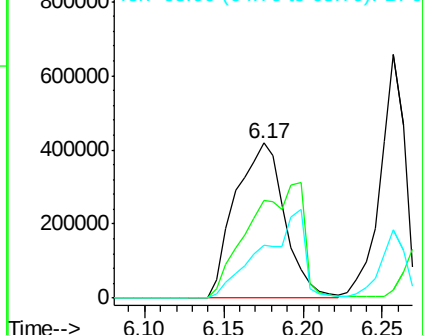
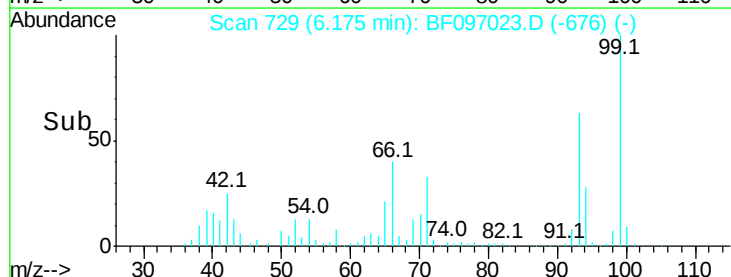
65 33.8 16.0 24.0#

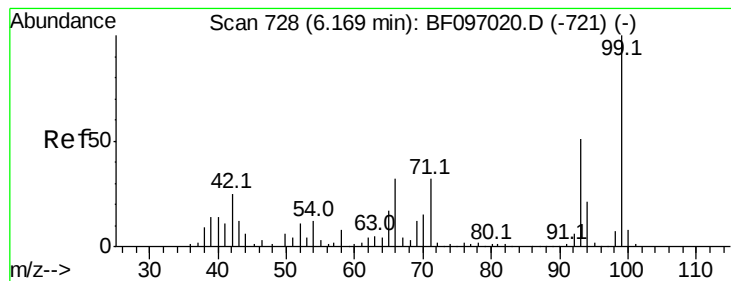


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.589 ng

RT: 6.18 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

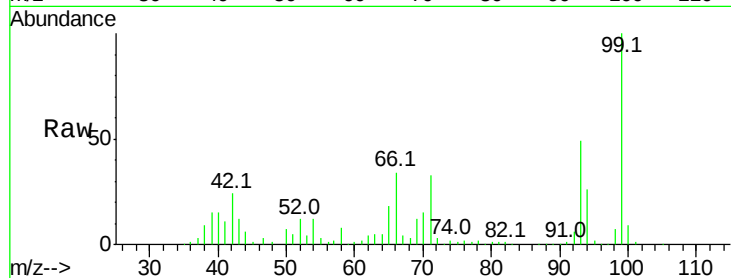
Instrument :

BNA_F

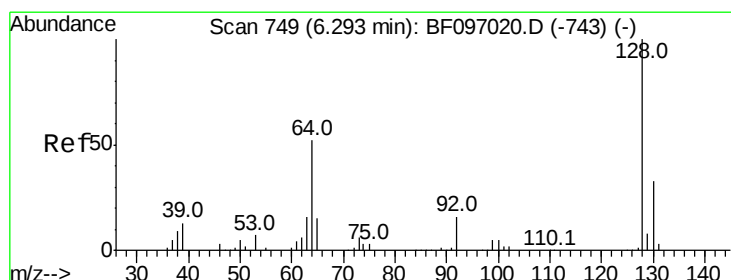
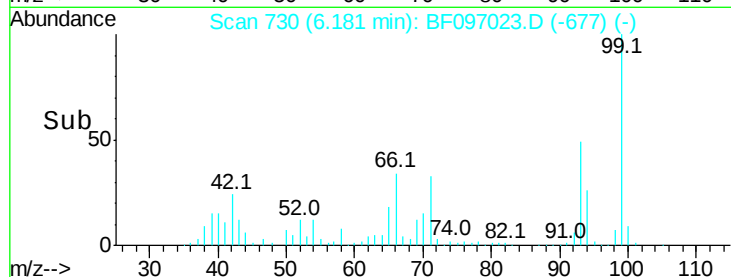
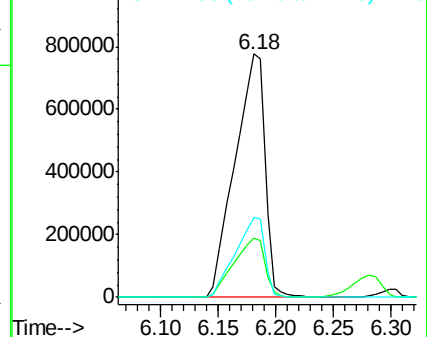
ClientSampled :

Tot Ion: 99 Resp: 1400457

Ion	Ratio	Lower	Upper
99	100		
42	24.5	13.5	20.3#
71	33.0	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: 69.185 ng

RT: 6.30 min Scan# 750

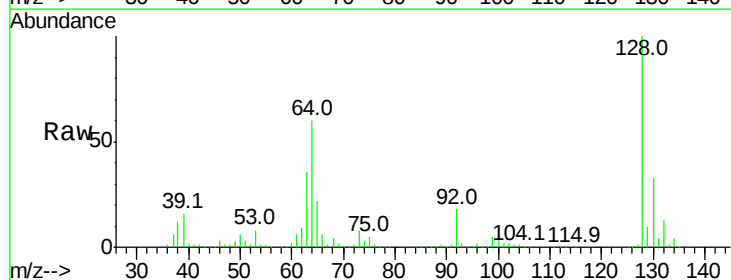
Delta R.T. 0.01 min

Lab File: BF097023.D

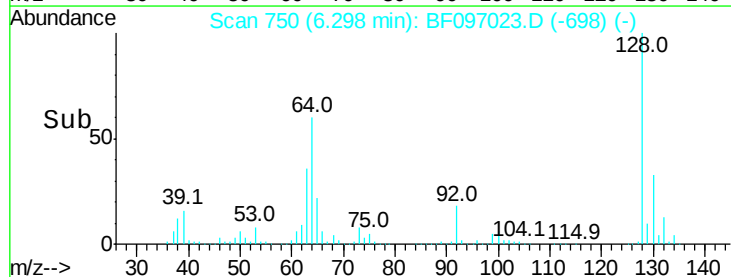
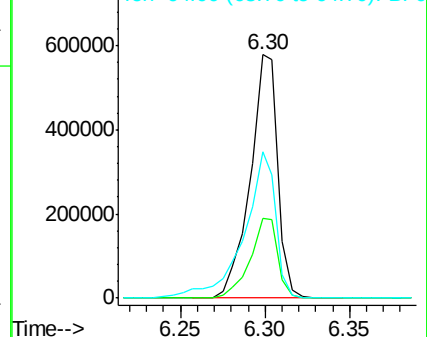
Acq: 25 Jul 2017 12:31

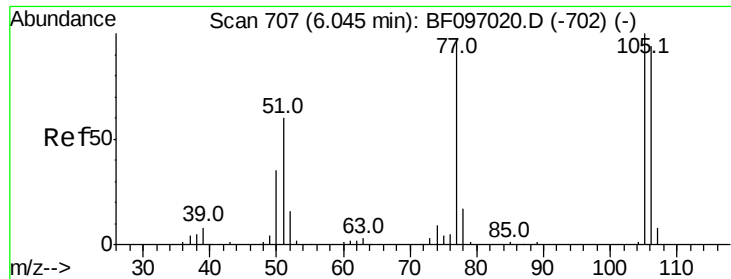
Tgt Ion:128 Resp: 661931

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	60.3	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: 52.537 ng

RT: 6.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

Instrument :

BNA_F

ClientSampleId :

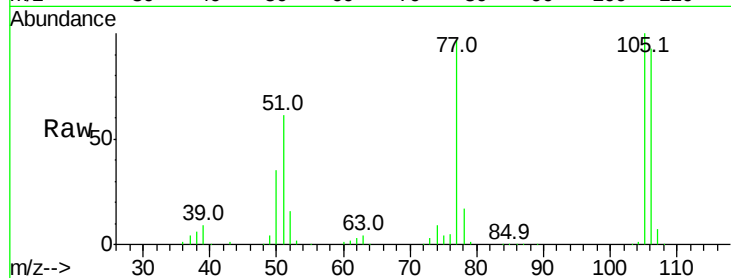
Tot Ion: 77 Resp: 323175

Ion Ratio Lower Upper

77 100

105 102.9 83.8 123.8

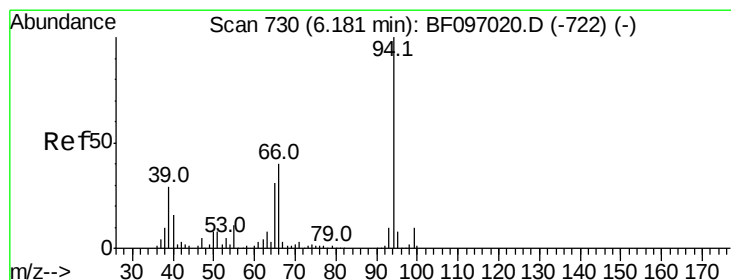
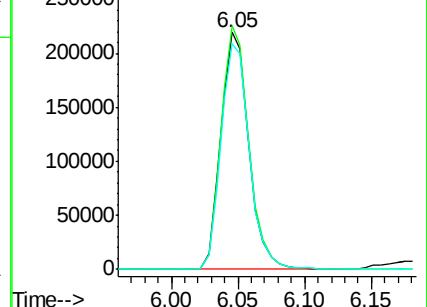
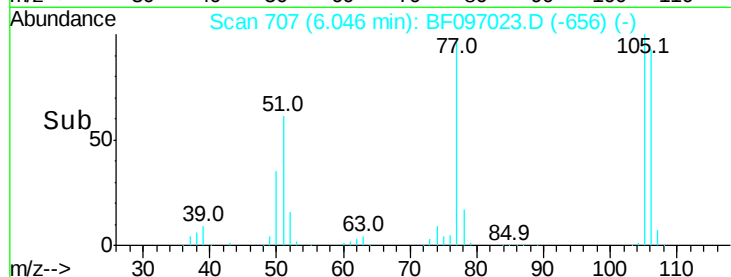
106 95.4 79.1 119.1



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: 72.849 ng

RT: 6.20 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

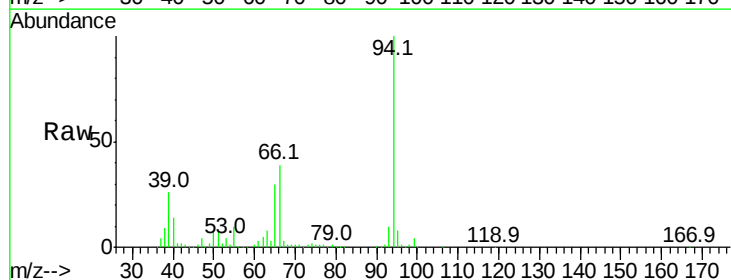
Tgt Ion: 94 Resp: 876448

Ion Ratio Lower Upper

94 100

65 30.1 9.9 49.9

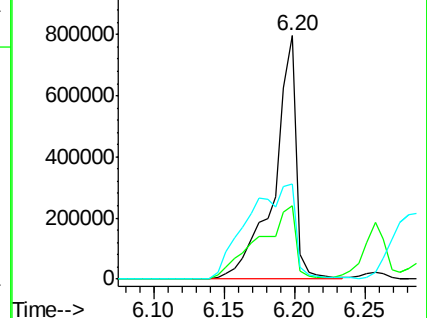
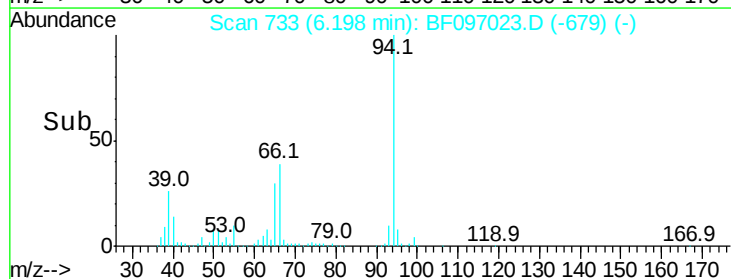
66 39.1 23.1 63.1

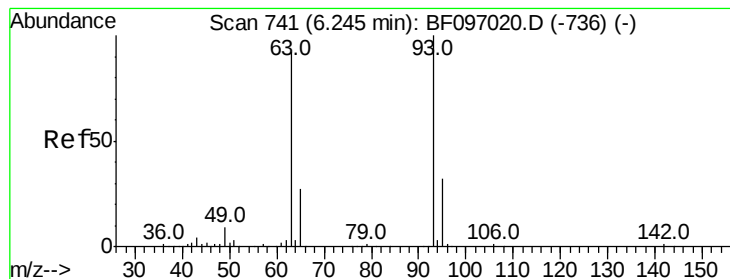


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 76.390 ng

RT: 6.26 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

Instrument :

BNA_F

ClientSampleId :

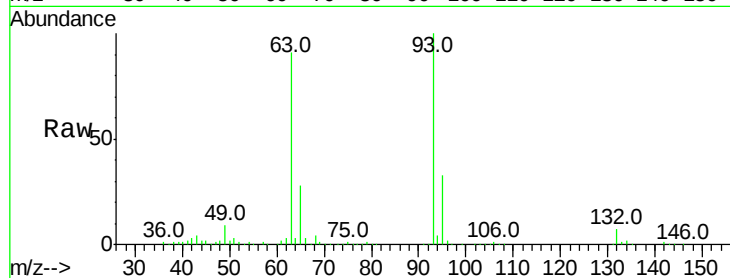
Tot Ion: 93 Resp: 691124

Ion Ratio Lower Upper

93 100

63 91.2 59.2 99.2

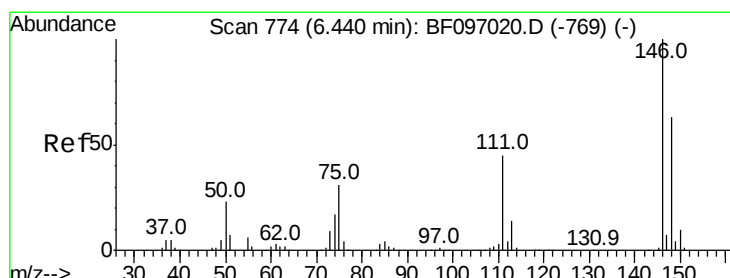
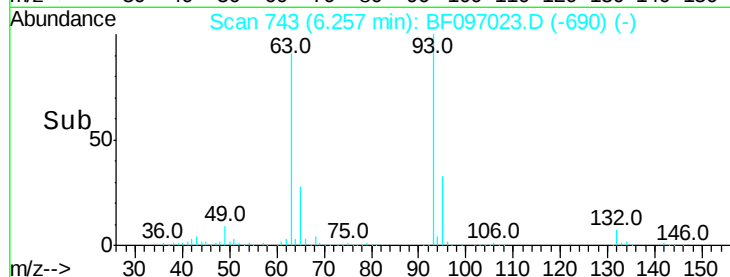
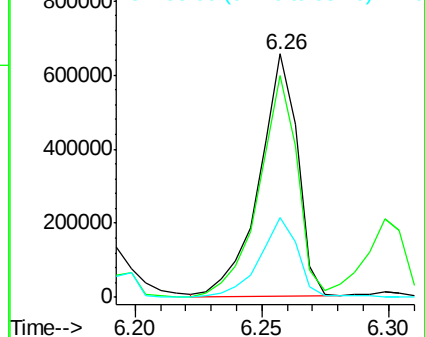
95 32.5 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 72.679 ng

RT: 6.45 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

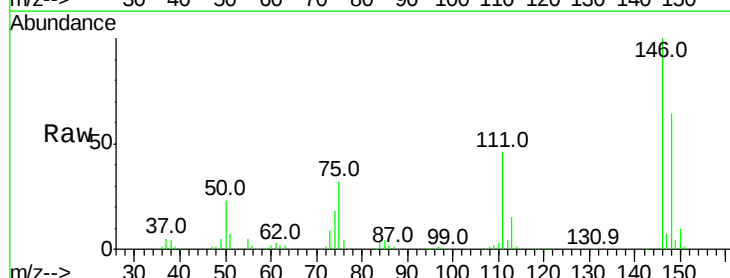
Tgt Ion: 146 Resp: 739146

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

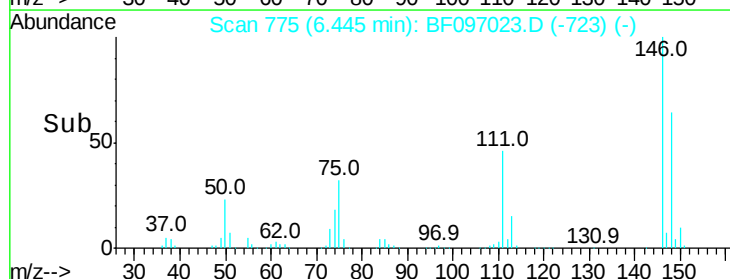
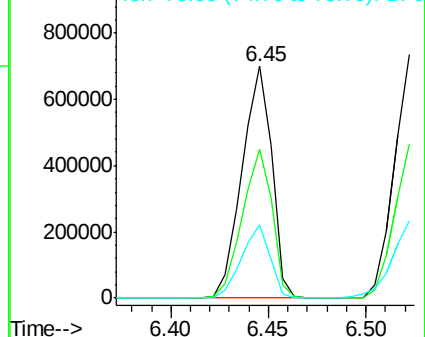
75 31.8 23.1 34.7

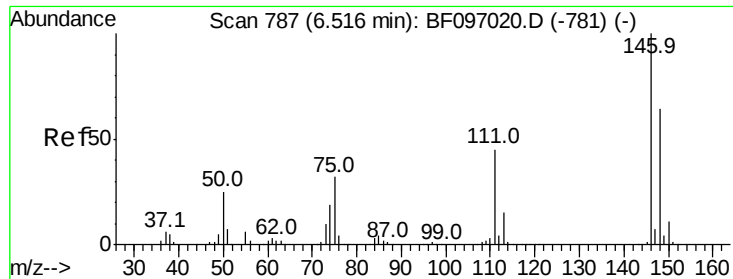


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

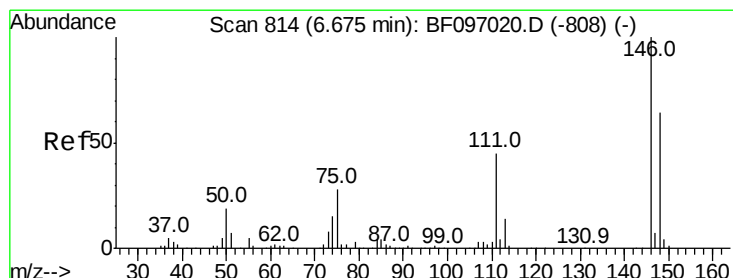
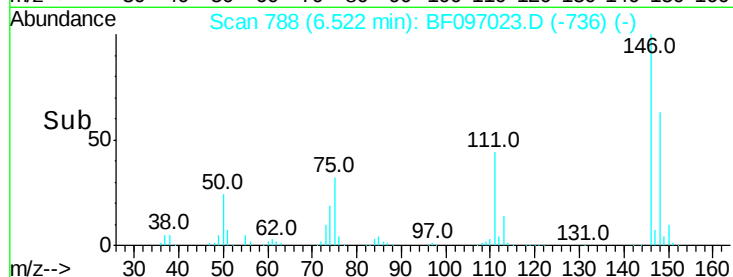
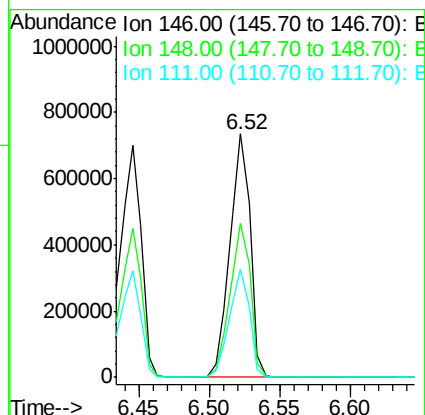
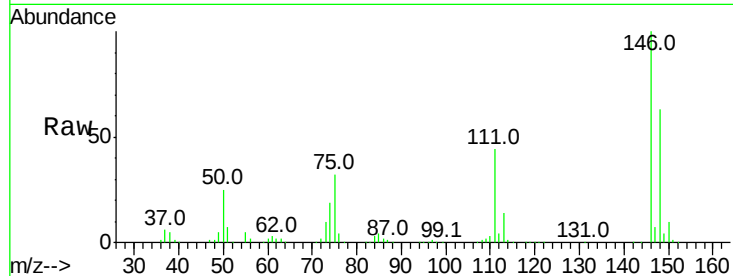




#13
 1,4-Dichlorobenzene
 Concen: 71.306 ng
 RT: 6.52 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF097023.D
 Acq: 25 Jul 2017 12:31

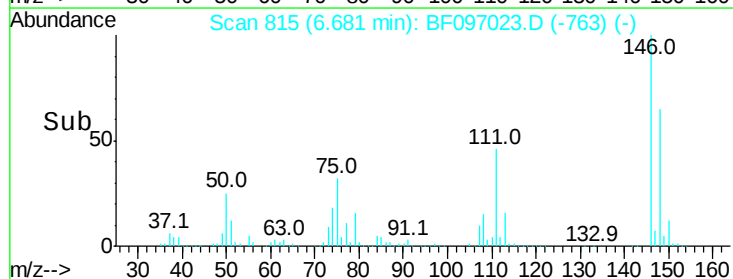
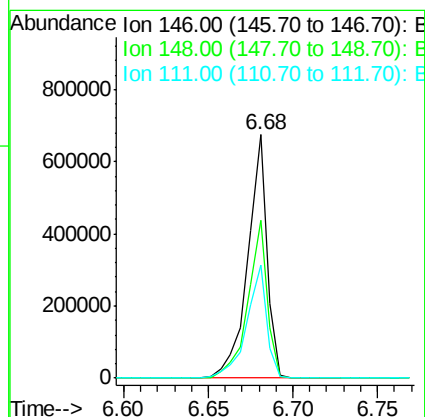
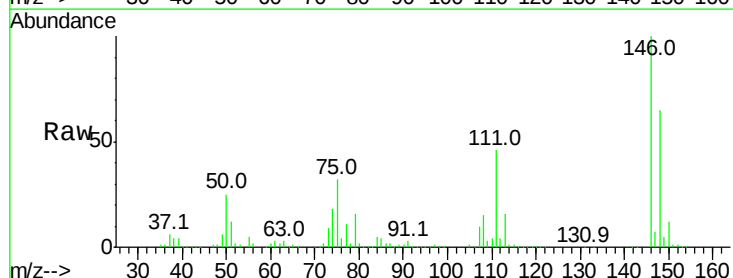
Instrument :
 BNA_F
 ClientSampled :

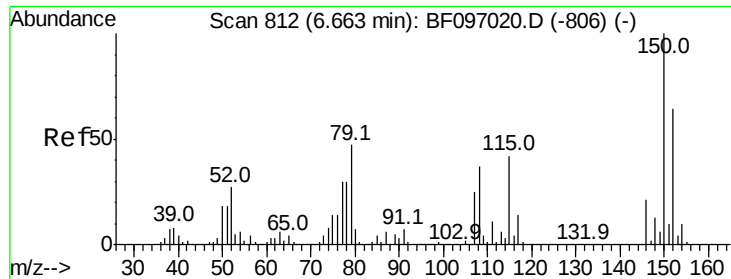
Tot Ion:146 Resp: 734400
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.2
 111 44.4 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 57.993 ng
 RT: 6.68 min Scan# 815
 Delta R.T. 0.01 min
 Lab File: BF097023.D
 Acq: 25 Jul 2017 12:31

Tgt Ion:146 Resp: 543262
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.4 75.6
 111 46.3 38.2 57.4

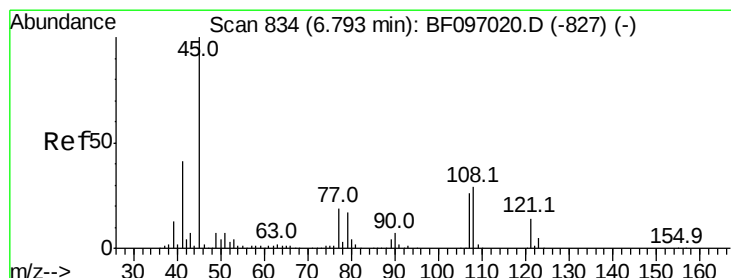
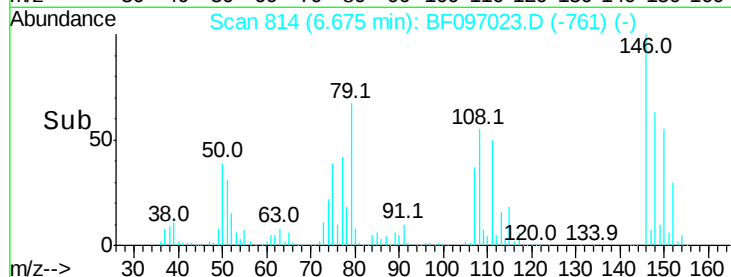
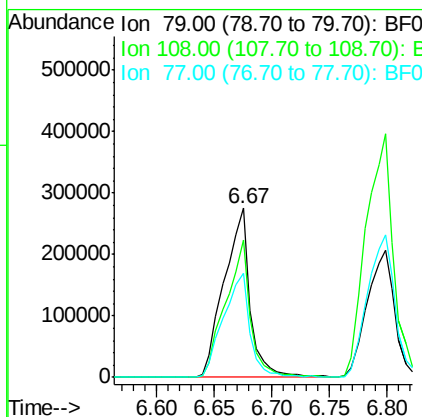
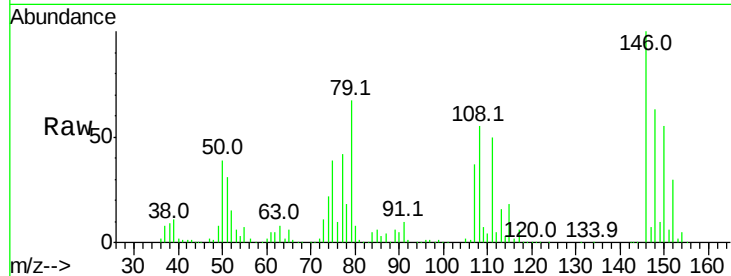




#15
Benzyl Alcohol
Concen: 61.547 ng
RT: 6.67 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

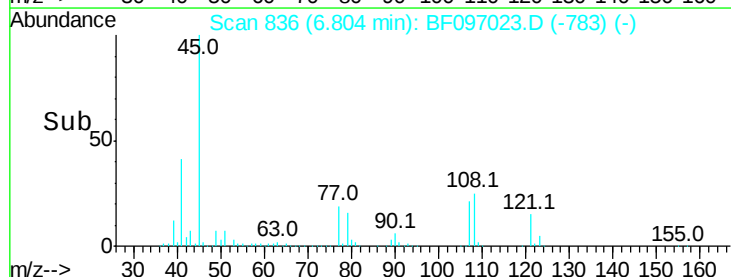
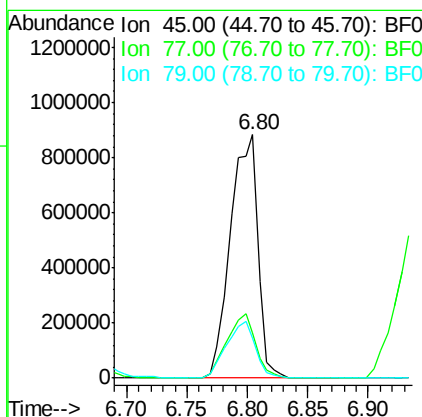
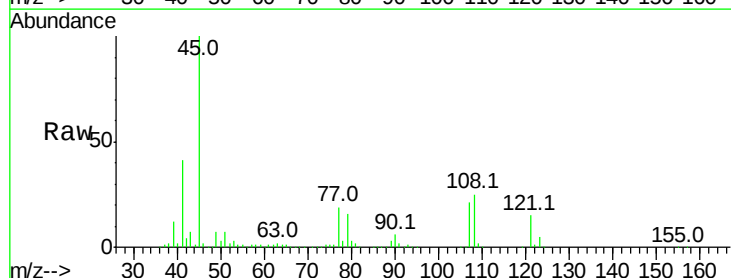
Instrument :
BNA_F
ClientSampled :

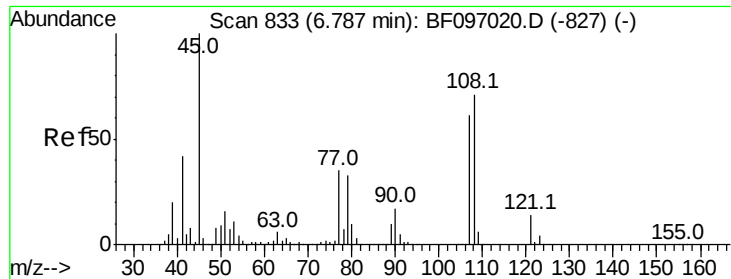
Tot Ion: 79 Resp: 428843
Ion Ratio Lower Upper
79 100
108 81.3 63.4 95.0
77 61.9 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 75.221 ng
RT: 6.80 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

Tgt Ion: 45 Resp: 1404481
Ion Ratio Lower Upper
45 100
77 18.6 0.0 33.2
79 16.3 0.0 30.0

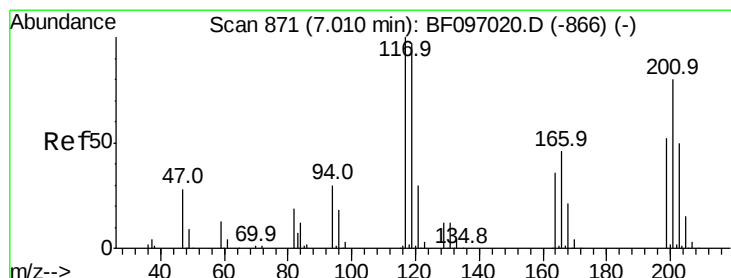
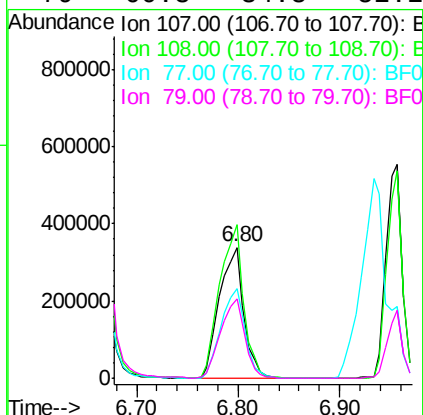
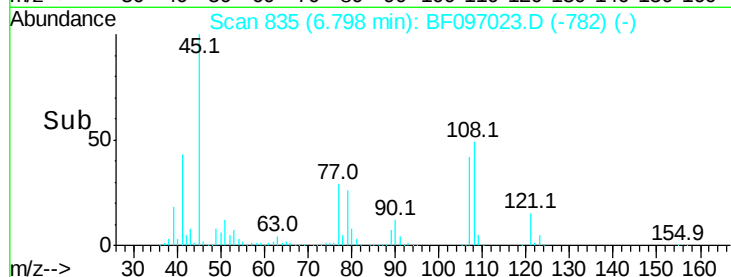
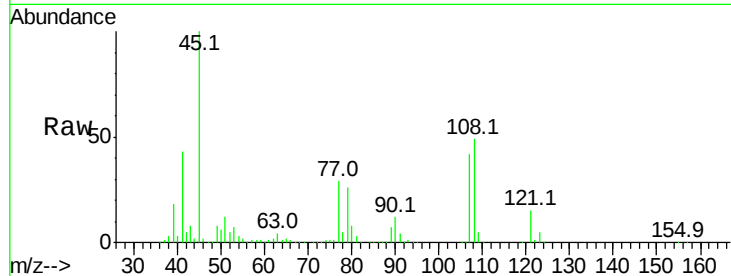




#17
2-Methylphenol
Concen: 76.417 ng
RT: 6.80 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

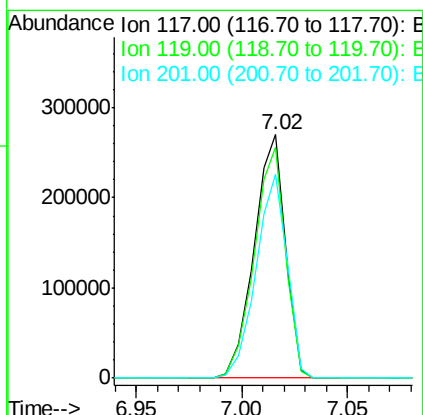
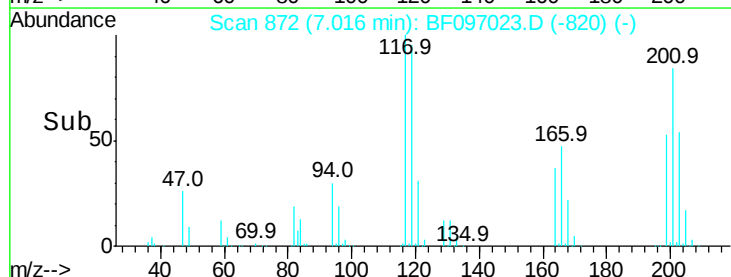
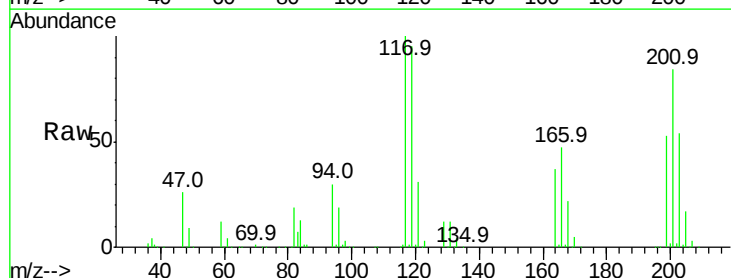
Instrument :
BNA_F
ClientSampled :

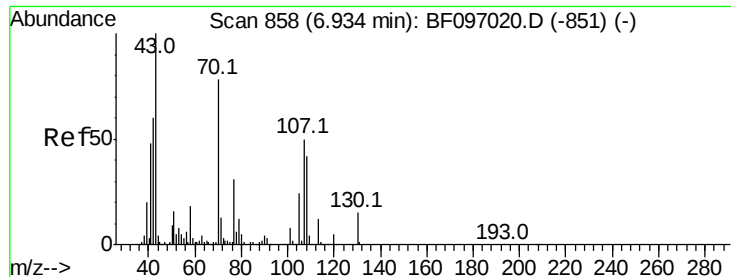
Tot Ion	Ratio	Lower	Upper
107	100		
108	116.9	93.4	140.0
77	68.3	35.8	53.6#
79	60.8	34.8	52.2#



#18
Hexachloroethane
Concen: 76.237 ng
RT: 7.02 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.4	116.0
201	83.8	94.6	141.8#

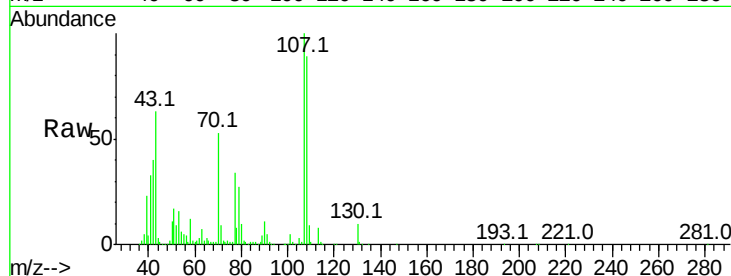




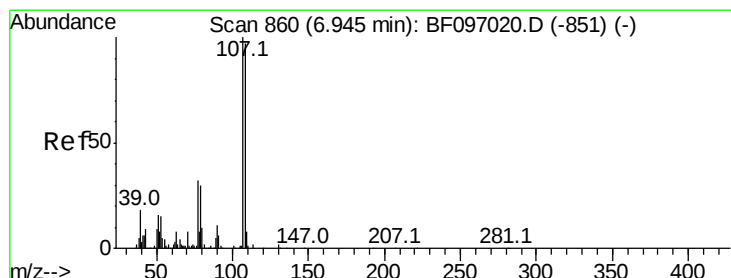
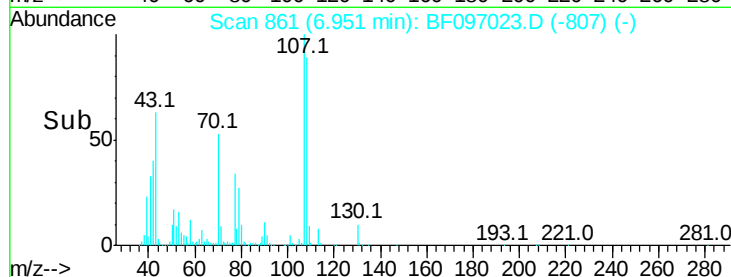
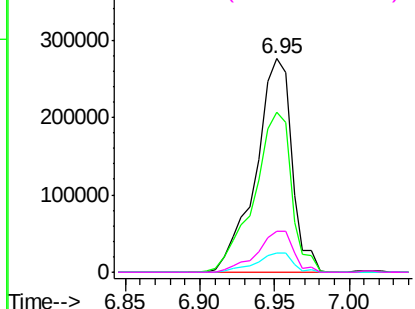
#19
n-Nitroso-di-n-propylamine
Concen: 72.125 ng
RT: 6.95 min Scan# 861
Delta R.T. 0.02 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 462448
Ion Ratio Lower Upper
70 100
42 74.9 47.2 70.8#
101 8.8 7.2 10.8
130 19.1 15.9 23.9

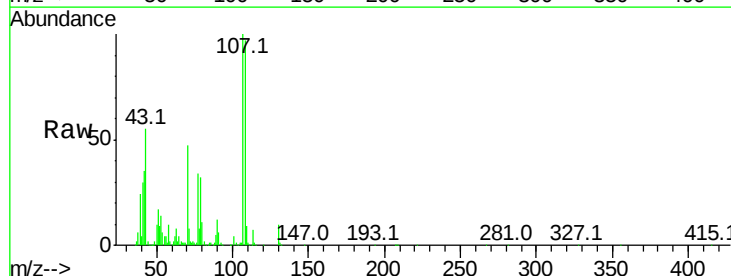


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

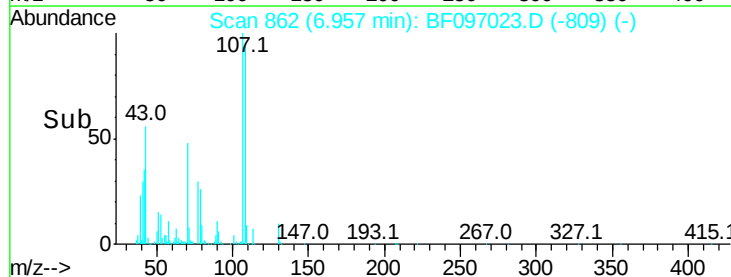
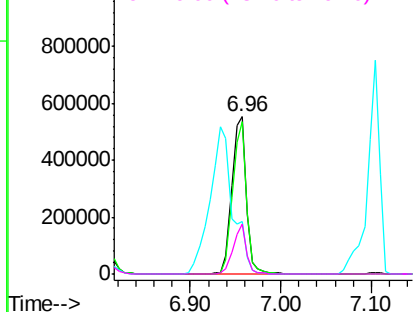


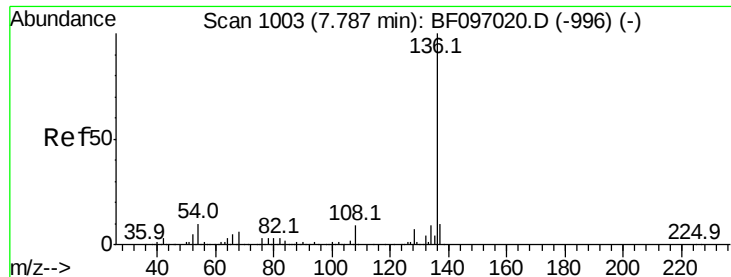
#20
3+4-Methylphenols
Concen: 69.015 ng
RT: 6.96 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

Tgt Ion:107 Resp: 623086
Ion Ratio Lower Upper
107 100
108 96.9 71.0 111.0
77 33.6 90.5 130.5#
79 31.5 8.4 48.4



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

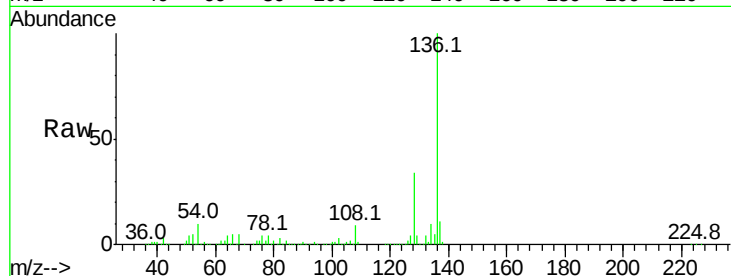




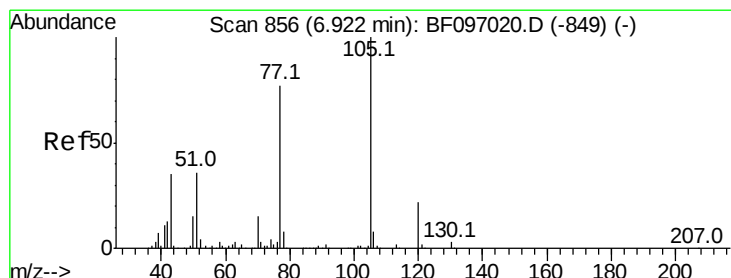
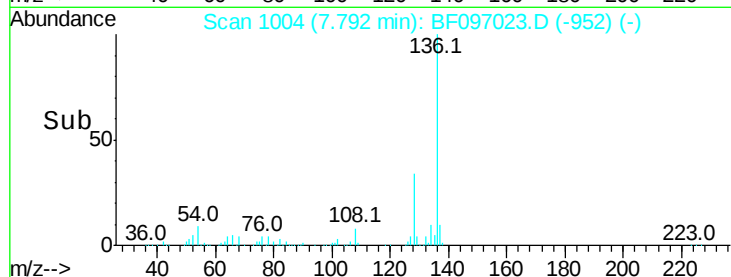
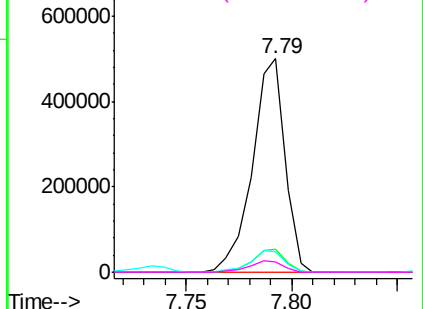
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.79 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 538776
Ion Ratio	Lower Upper
136 100	
137 10.5	8.5 12.7
54 9.6	4.9 7.3#
68 4.8	4.1 6.1

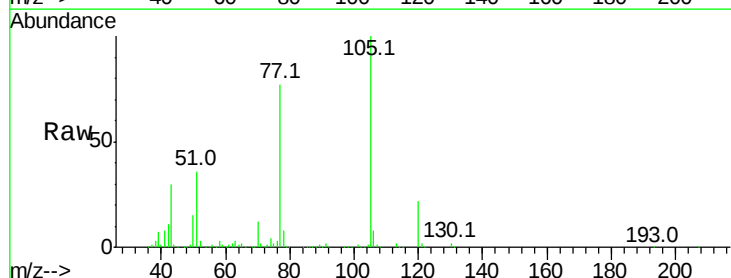


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

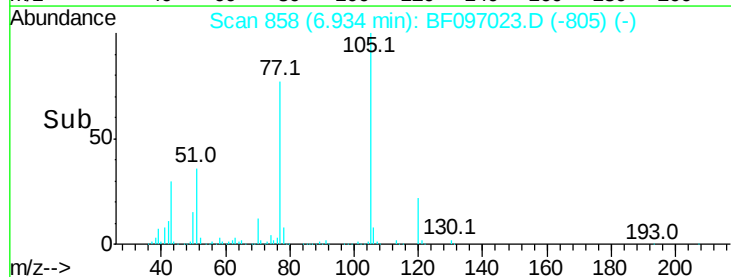
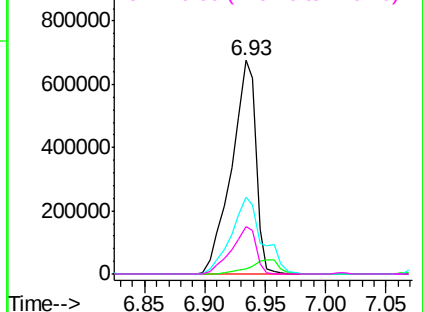


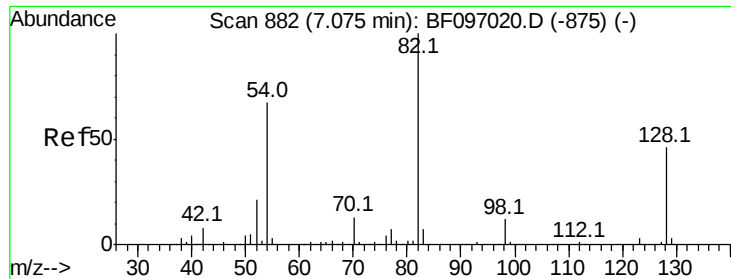
#22
Acetophenone
Concen: 79.002 ng
RT: 6.93 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

Tgt	Ion:105	Resp:	951324
Ion	Ratio	Lower	Upper
105	100		
71	2.1	2.8	4.2#
51	35.9	30.7	46.1
120	22.1	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

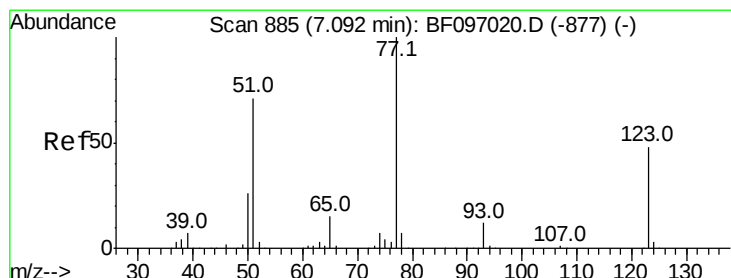
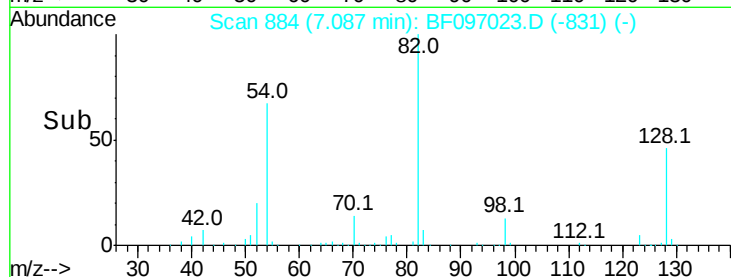
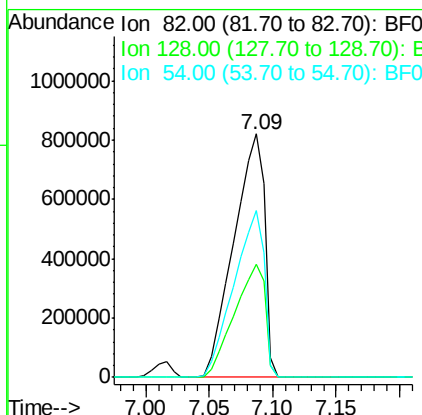
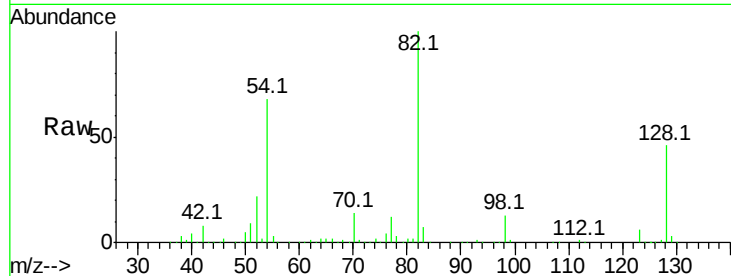




#23
 Nitrobenzene-d5
 Concen: 158.811 ng
 RT: 7.09 min Scan# 884
 Delta R.T. 0.01 min
 Lab File: BF097023.D
 Acq: 25 Jul 2017 12:31

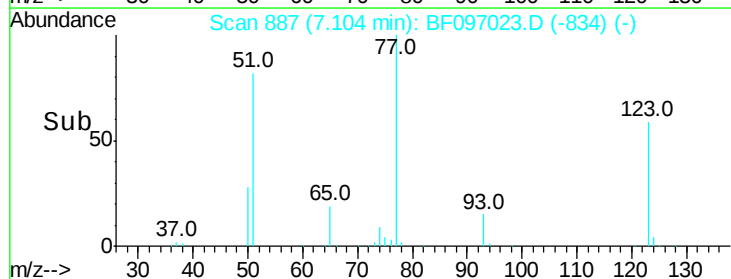
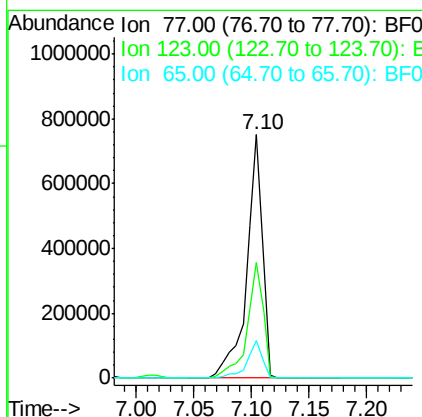
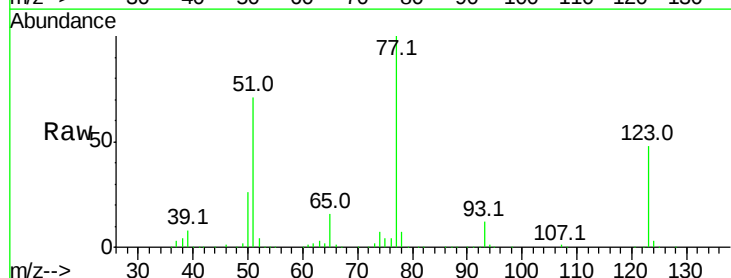
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1381375
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.0 51.0
 54 68.4 42.2 63.2#



#24
 Nitrobenzene
 Concen: 78.389 ng
 RT: 7.10 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: BF097023.D
 Acq: 25 Jul 2017 12:31

Tgt Ion: 77 Resp: 705191
 Ion Ratio Lower Upper
 77 100
 123 47.7 35.8 53.8
 65 15.5 10.6 15.8





#25

Isophorone

Concen: 85.228 ng

RT: 7.35 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

Instrument :
BNA_F
ClientSampleId :

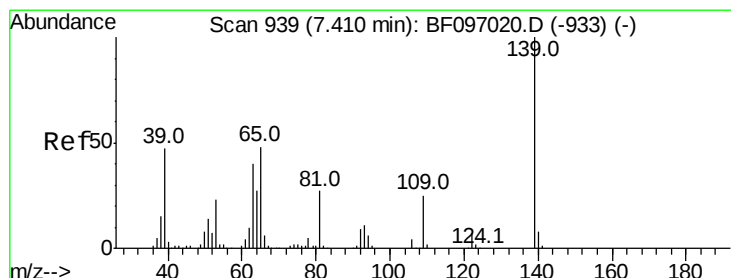
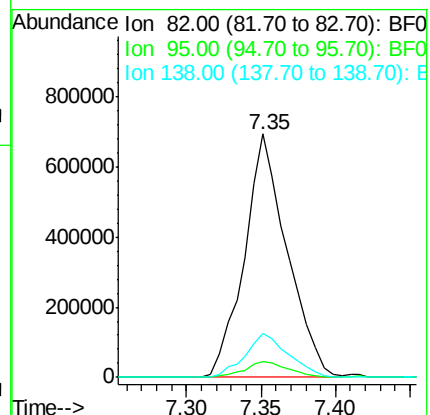
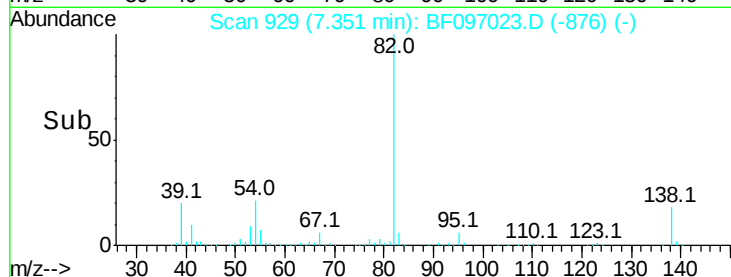
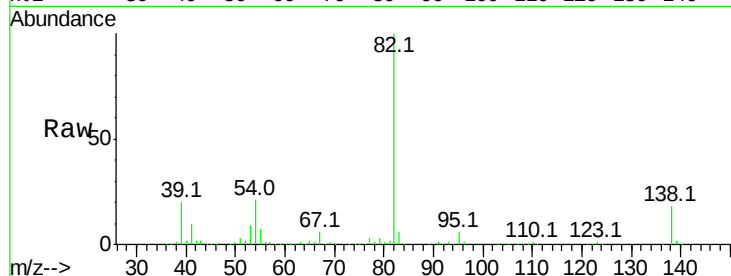
Tot Ion: 82 Resp: 1379079

Ion Ratio Lower Upper

82 100

95 6.2 5.3 7.9

138 18.0 13.1 19.7



#26

2-Nitrophenol

Concen: 80.590 ng

RT: 7.42 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

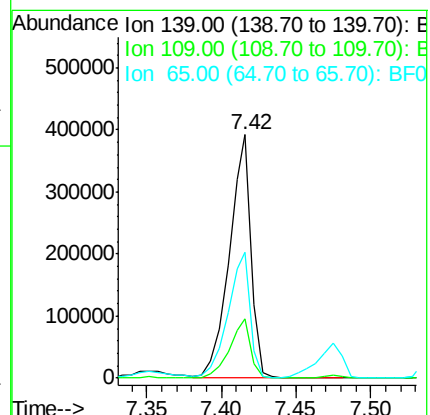
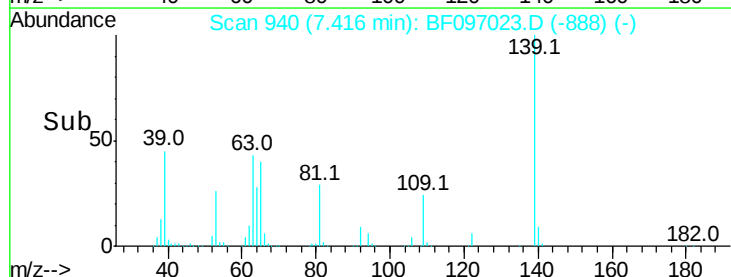
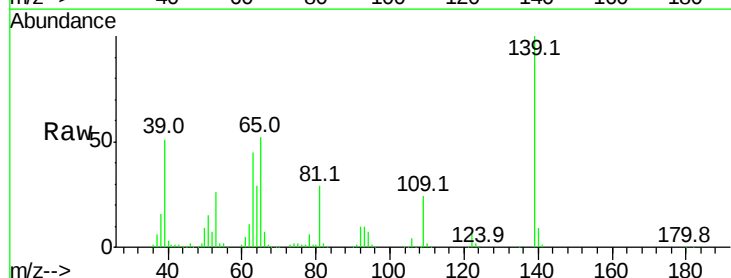
Tgt Ion:139 Resp: 403121

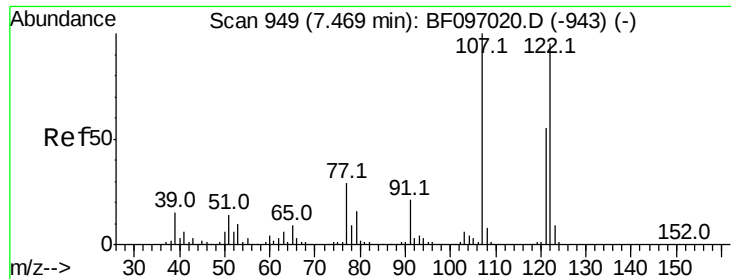
Ion Ratio Lower Upper

139 100

109 24.2 21.0 31.6

65 51.8 33.0 49.6#

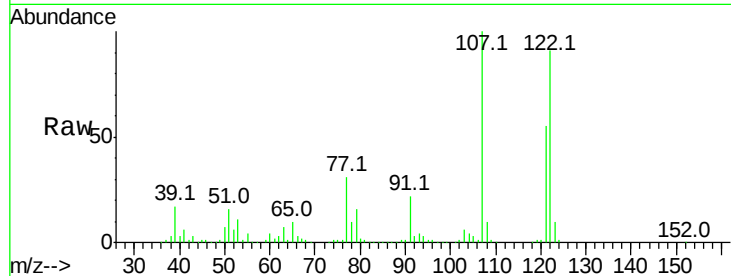




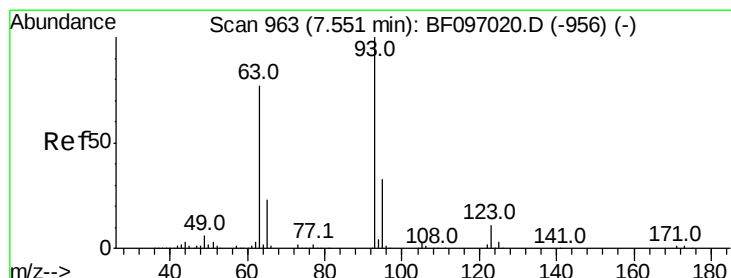
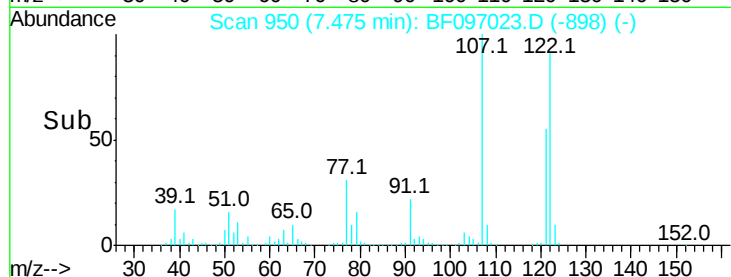
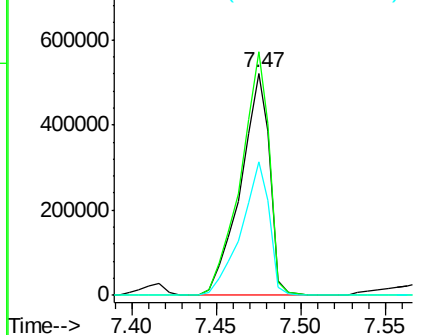
#27
2,4-Dimethylphenol
Concen: 76.370 ng
RT: 7.47 min Scan# 950
Delta R.T. 0.01 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 628466
Ion Ratio Lower Upper
122 100
107 109.7 89.2 133.8
121 60.1 45.2 67.8

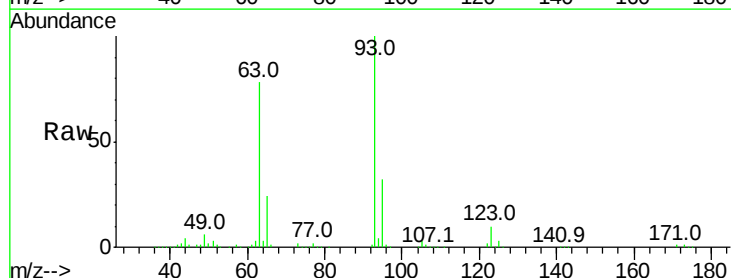


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

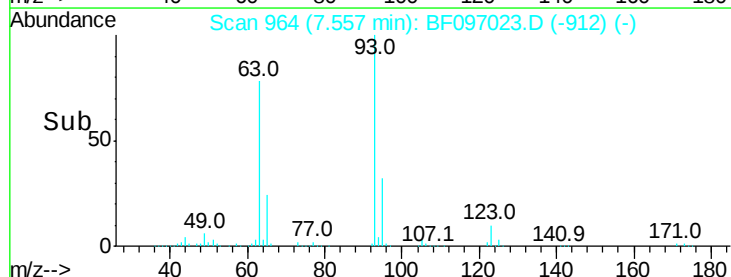
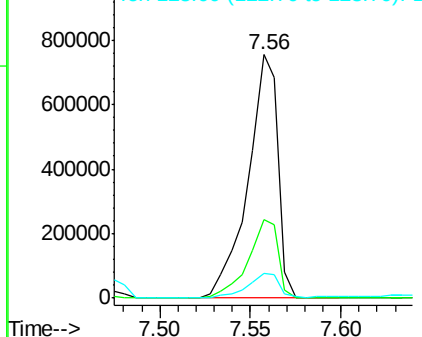


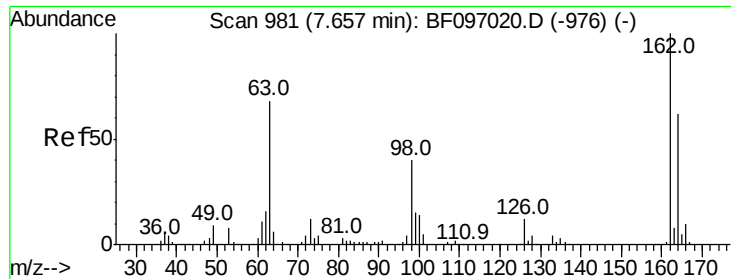
#28
bis(2-Chloroethoxy)methane
Concen: 79.260 ng
RT: 7.56 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

Tgt Ion: 93 Resp: 866644
Ion Ratio Lower Upper
93 100
95 32.4 26.5 39.7
123 10.3 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

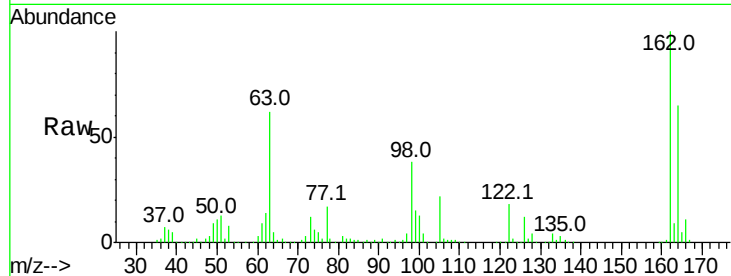




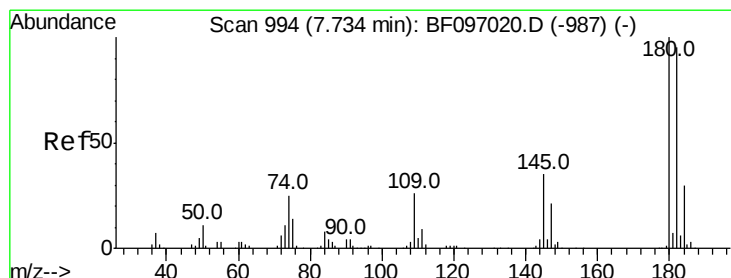
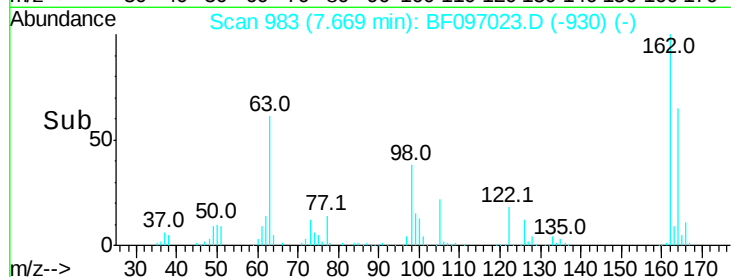
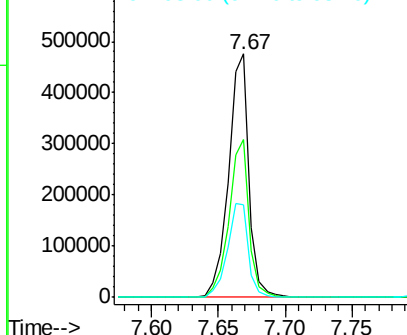
#29
 2,4-Dichlorophenol
 Concen: 68.547 ng
 RT: 7.67 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: BF097023.D
 Acq: 25 Jul 2017 12:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 510604
 Ion Ratio Lower Upper
 162 100
 164 64.8 44.6 84.6
 98 37.9 14.8 54.8

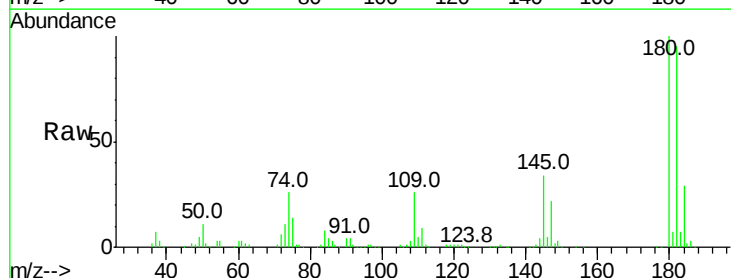


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

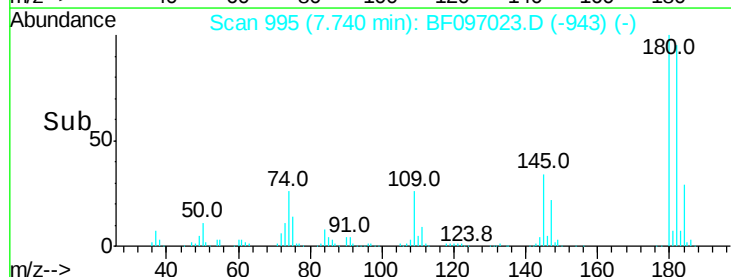
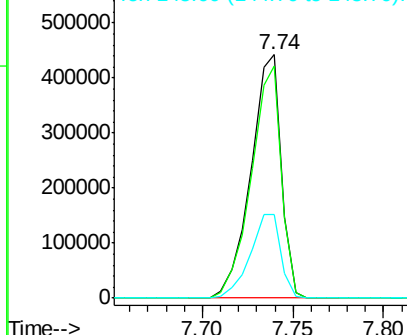


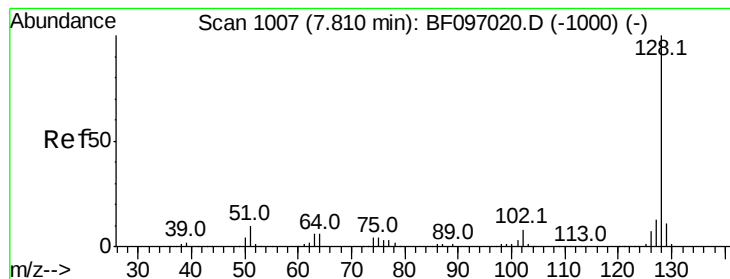
#30
 1,2,4-Trichlorobenzene
 Concen: 72.592 ng
 RT: 7.74 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: BF097023.D
 Acq: 25 Jul 2017 12:31

Tgt Ion:180 Resp: 514130
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.8 113.6
 145 34.4 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: 69.617 ng

RT: 7.82 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

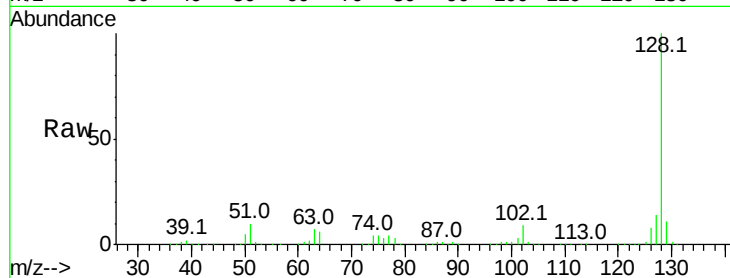
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 1776837

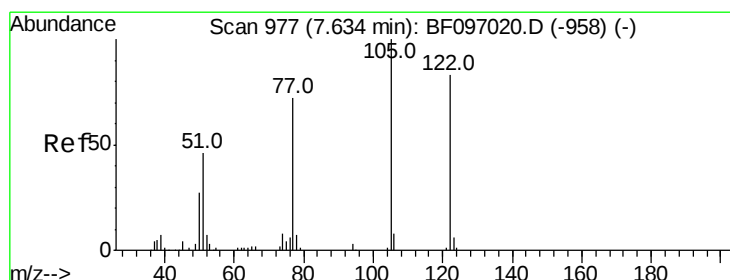
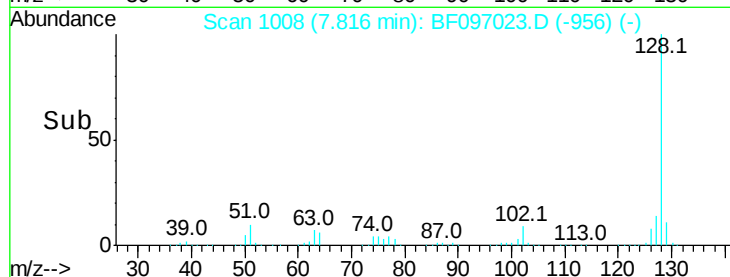
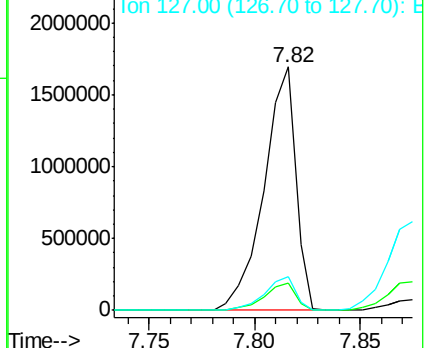
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.7	10.8	16.2



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: 77.958 ng

RT: 7.65 min Scan# 980

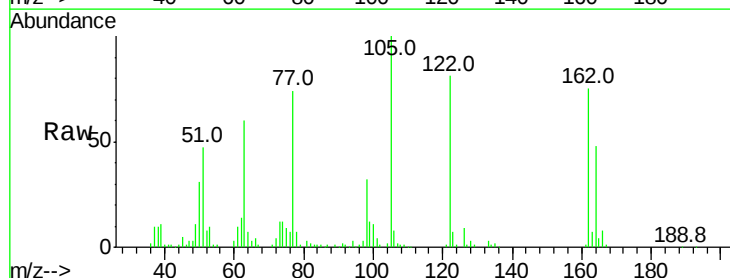
Delta R.T. 0.02 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

Tgt Ion:122 Resp: 410031

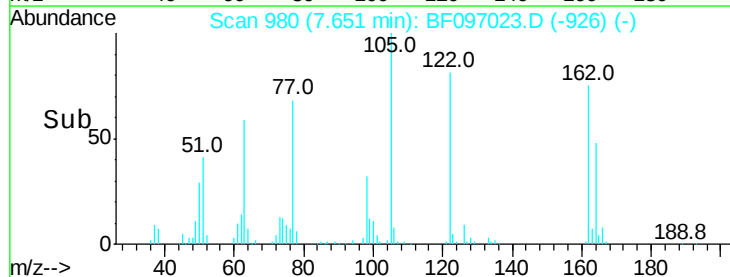
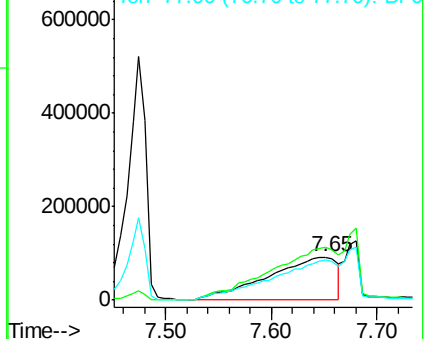
Ion	Ratio	Lower	Upper
122	100		
105	123.9	103.3	143.3
77	91.7	73.7	113.7

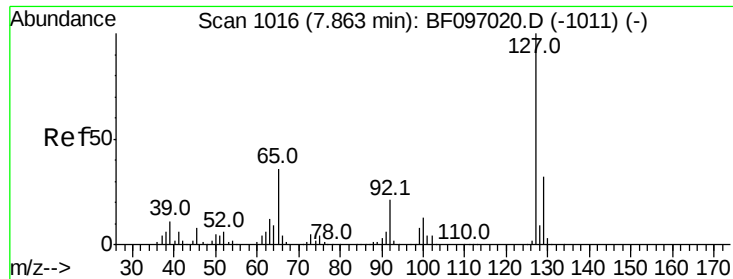


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

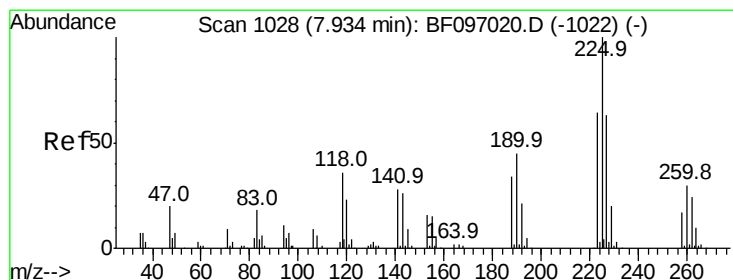
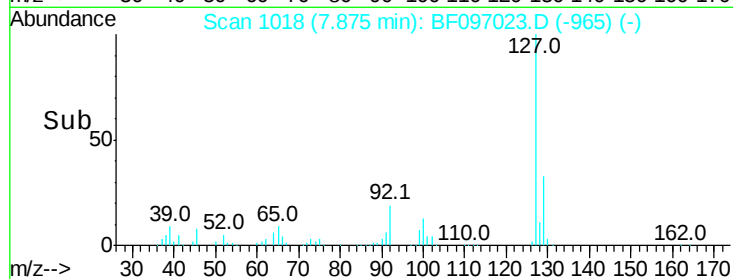
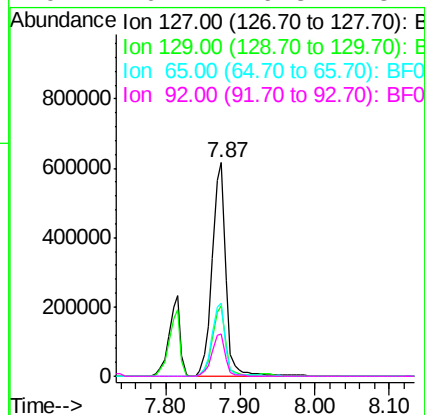
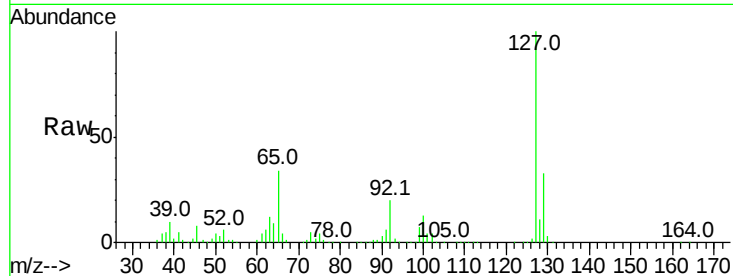




#33
4-Chloroaniline
Concen: 77.095 ng
RT: 7.87 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

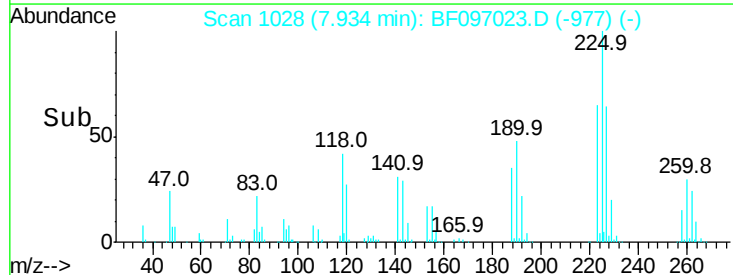
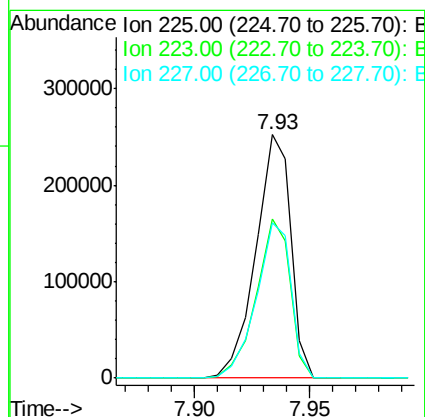
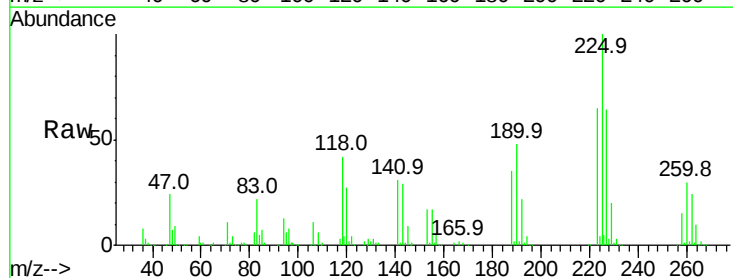
Instrument :
BNA_F
ClientSampleId :

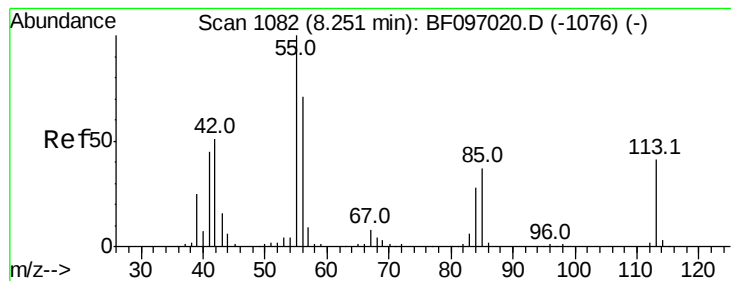
Tot Ion:	127	Resp:	779598
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	34.2	27.8	41.8
92	20.1	16.8	25.2



#34
Hexachlorobutadiene
Concen: 70.428 ng
RT: 7.93 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

Tgt Ion:	225	Resp:	266277
Ion	Ratio	Lower	Upper
225	100		
223	65.1	48.8	73.2
227	63.7	51.1	76.7





#35

Caprolactam

Concen: 63.729 ng

RT: 8.29 min Scan# 1089

Delta R.T. 0.04 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

Instrument :

BNA_F

ClientSampled :

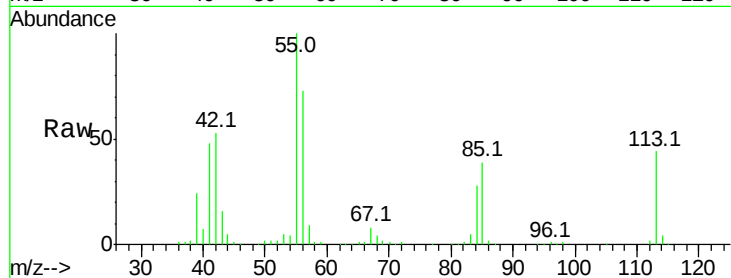
Tot Ion:113 Resp: 152108

Ion Ratio Lower Upper

113 100

55 225.3 150.2 190.2#

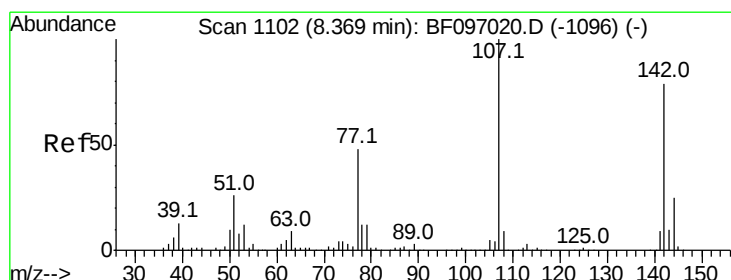
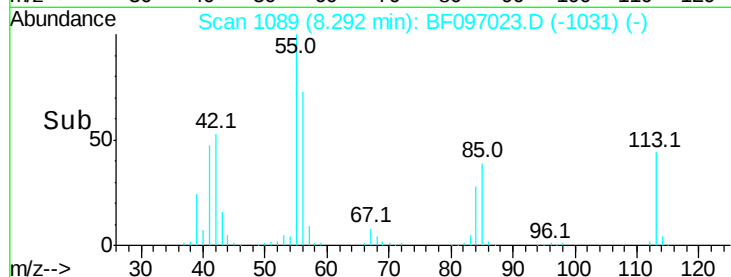
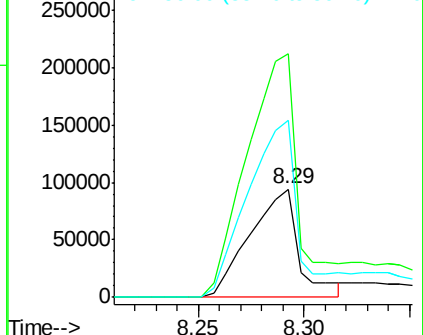
56 163.7 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 71.725 ng

RT: 8.38 min Scan# 1104

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

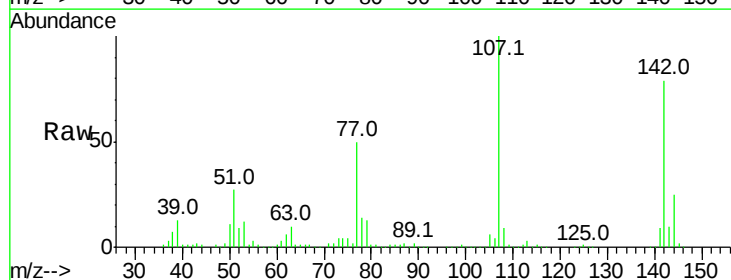
Tgt Ion:107 Resp: 574480

Ion Ratio Lower Upper

107 100

144 25.5 24.2 36.4

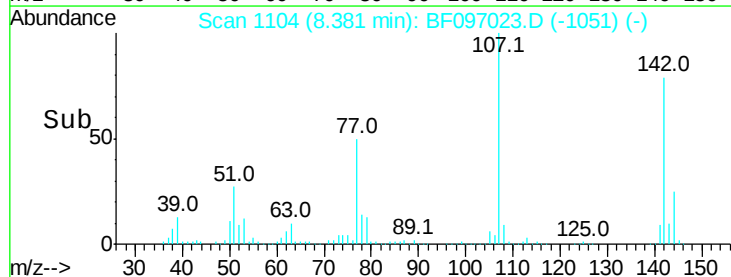
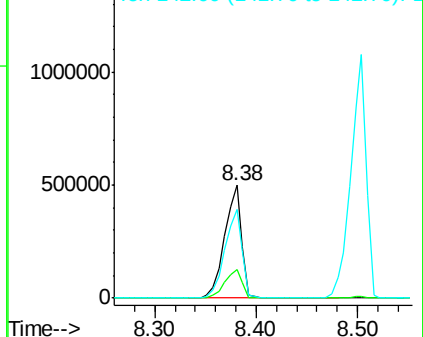
142 78.5 73.4 110.0

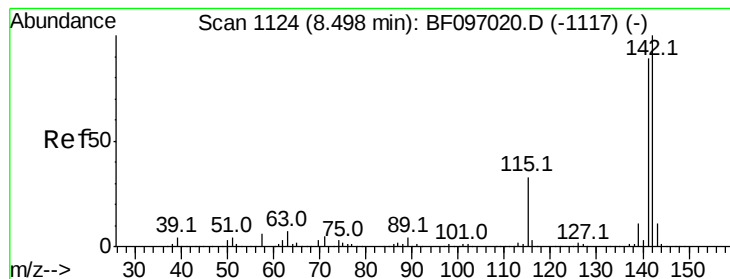


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 69.467 ng

RT: 8.50 min Scan# 1125

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

Instrument :

BNA_F

ClientSampled :

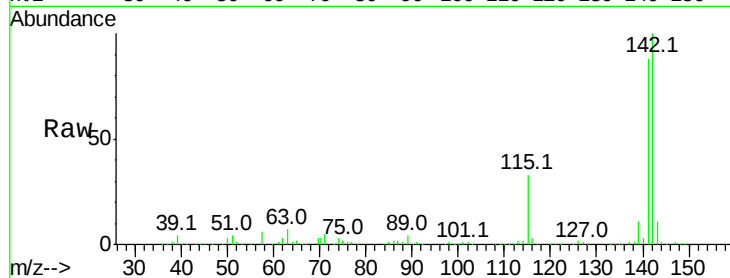
Tot Ion:142 Resp: 1130349

Ion Ratio Lower Upper

142 100

141 88.4 71.3 106.9

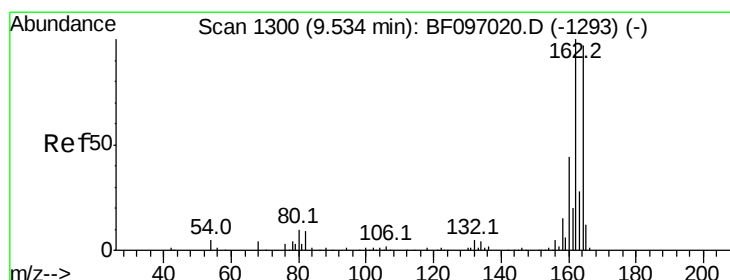
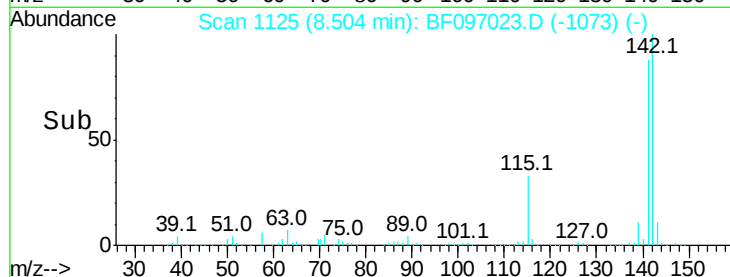
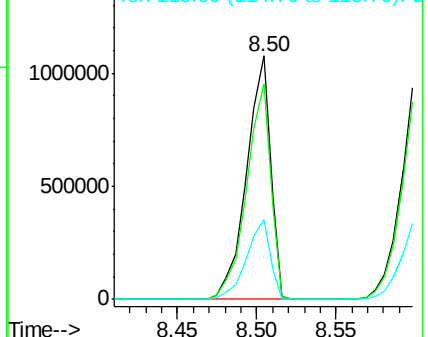
115 33.0 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.53 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

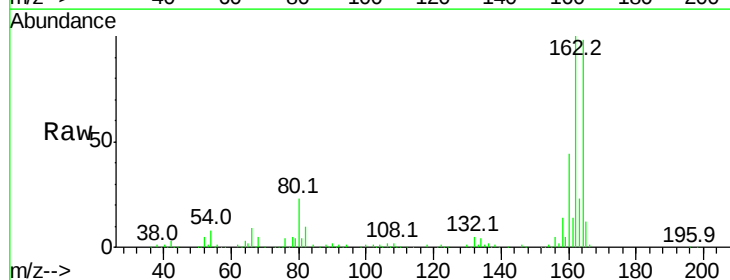
Tgt Ion:164 Resp: 241234

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

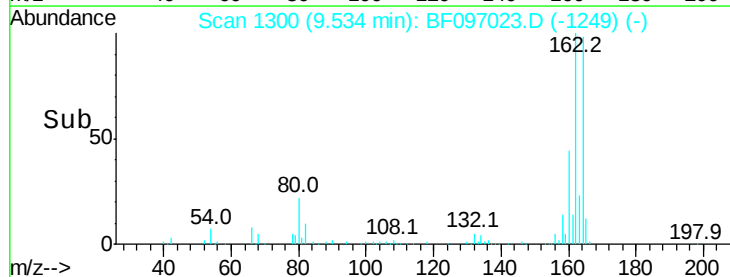
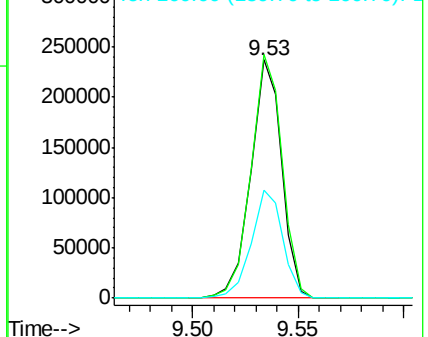
160 45.4 36.2 54.2

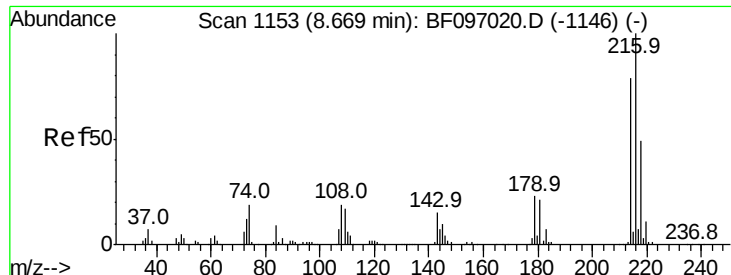


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 64.510 ng

RT: 8.67 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 420678

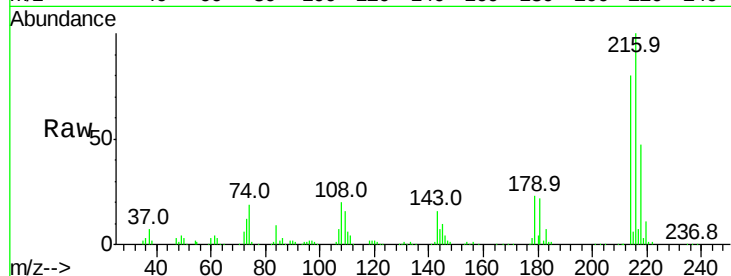
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

179 22.9 17.9 26.9

108 22.3 16.5 24.7

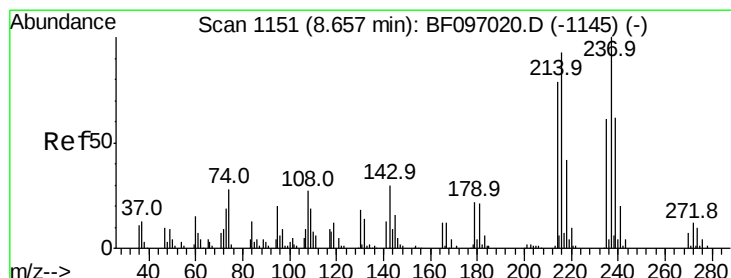
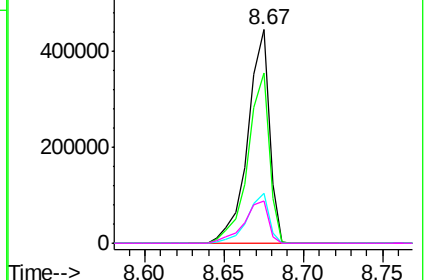
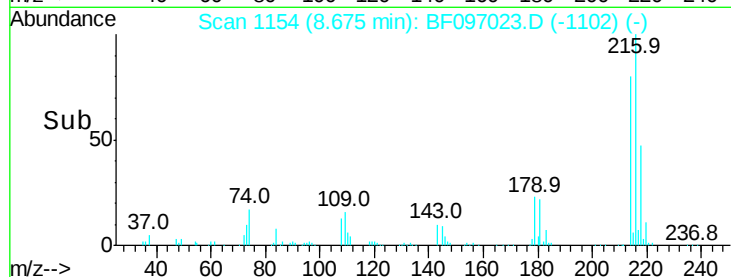


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 83.226 ng

RT: 8.66 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

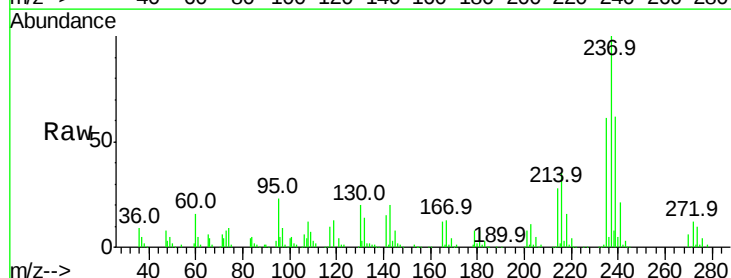
Tgt Ion:237 Resp: 180376

Ion Ratio Lower Upper

237 100

235 61.5 42.6 82.6

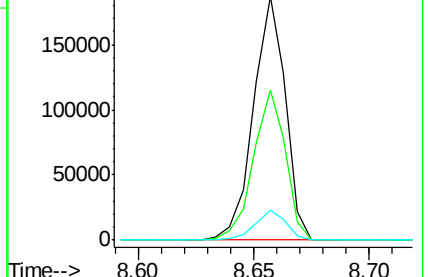
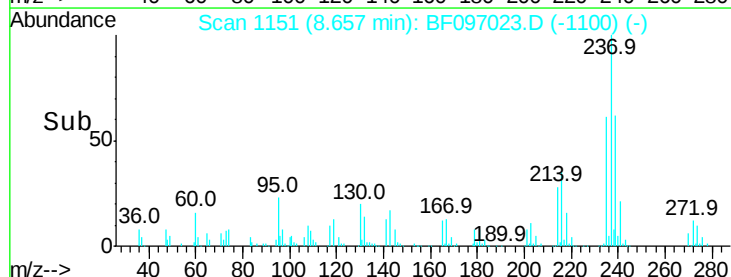
272 12.2 0.0 31.9

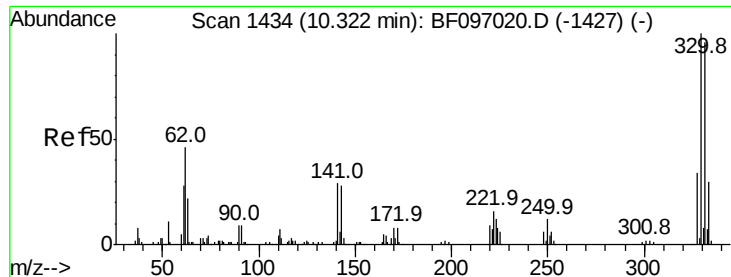


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

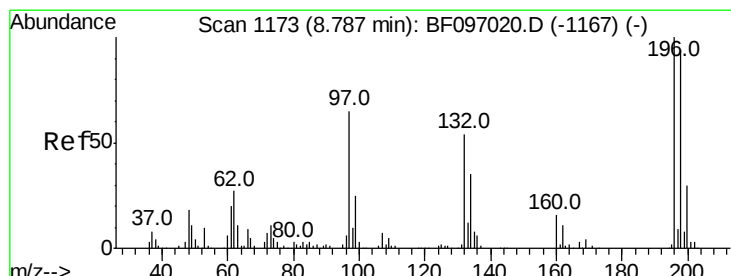
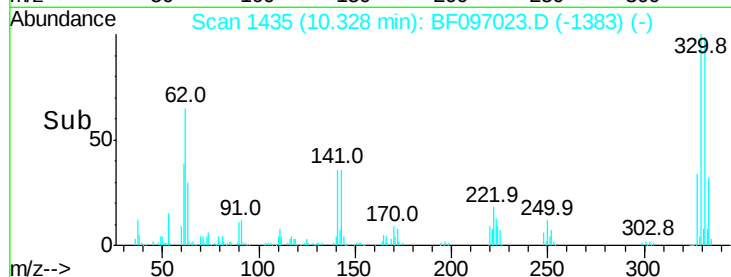
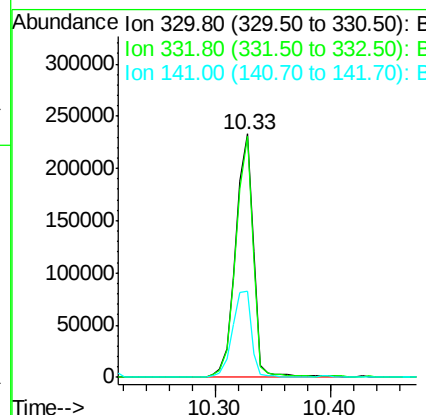
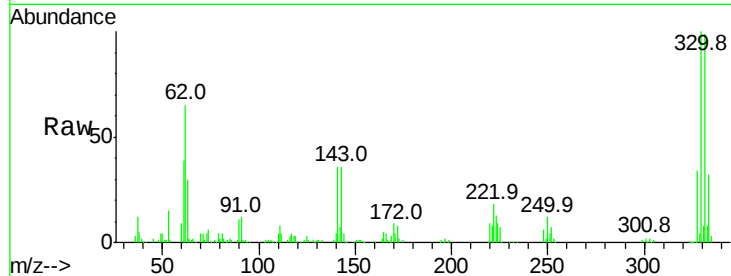




#41
 2,4,6-Tribromophenol
 Concen: 121.248 ng
 RT: 10.33 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BF097023.D
 Acq: 25 Jul 2017 12:31

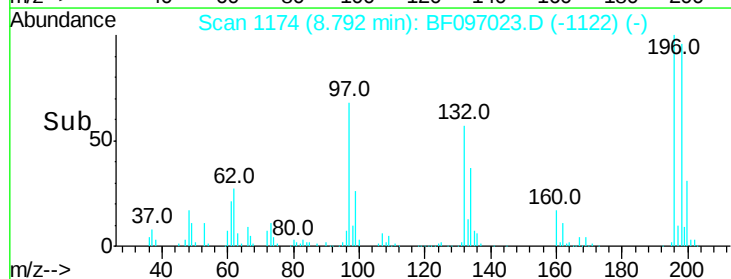
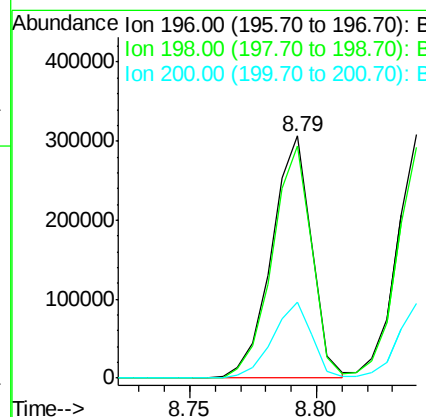
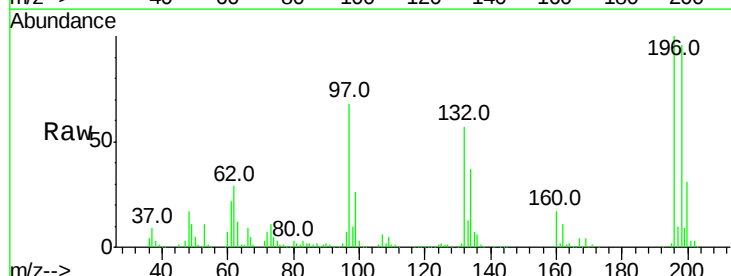
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	38.1	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 70.007 ng
 RT: 8.79 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: BF097023.D
 Acq: 25 Jul 2017 12:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	74.2	111.4
200	31.2	24.0	36.0

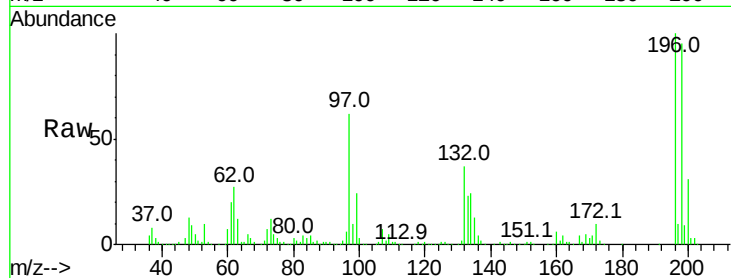




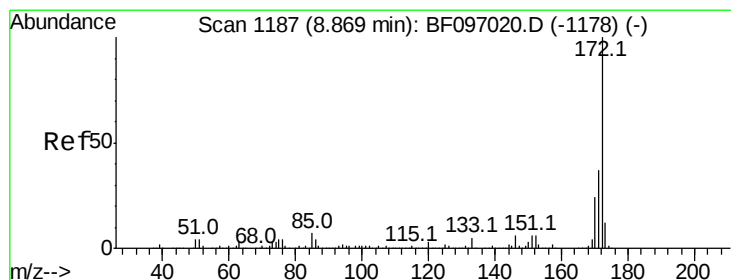
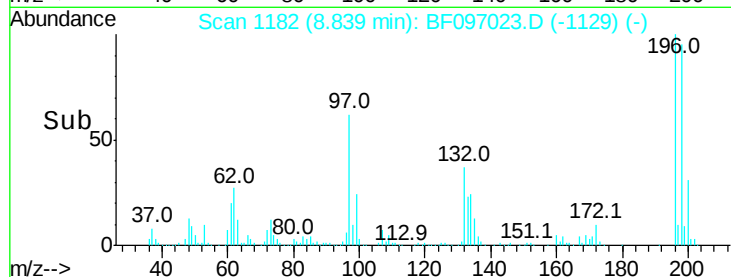
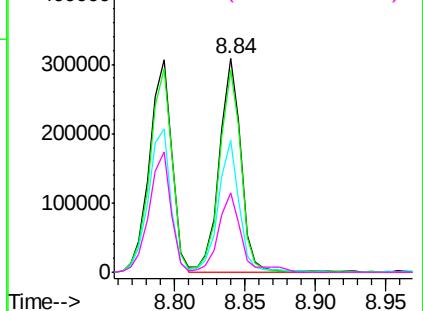
#43
 2,4,5-Trichlorophenol
 Concen: 66.938 ng
 RT: 8.84 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF097023.D
 Acq: 25 Jul 2017 12:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 324732
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.7 113.5
 97 61.7 47.7 71.5
 132 37.0 28.0 42.0

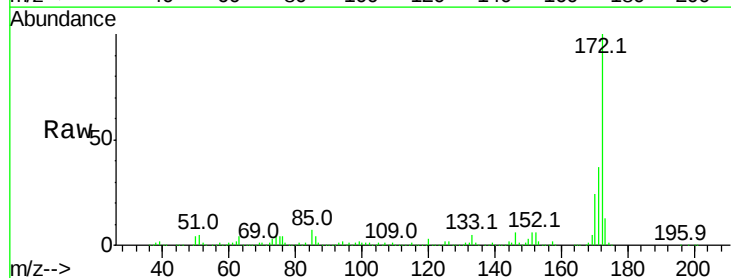


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

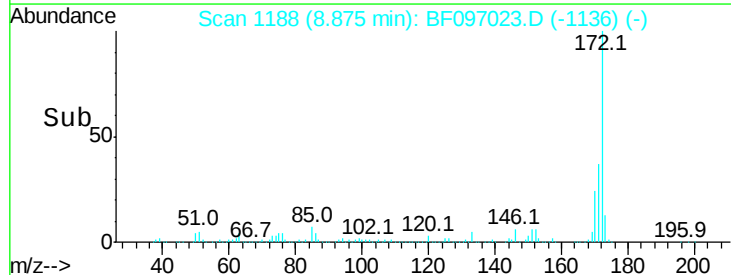
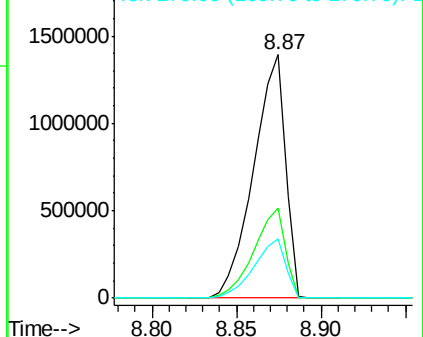


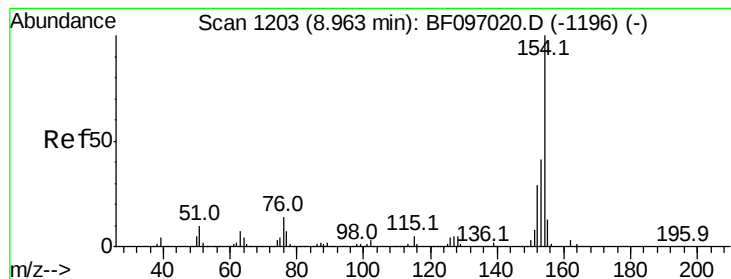
#44
 2-Fluorobiphenyl
 Concen: 119.254 ng
 RT: 8.87 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF097023.D
 Acq: 25 Jul 2017 12:31

Tgt Ion:172 Resp: 1820856
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.1 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 64.066 ng

RT: 8.97 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

Instrument :

BNA_F

ClientSampleId :

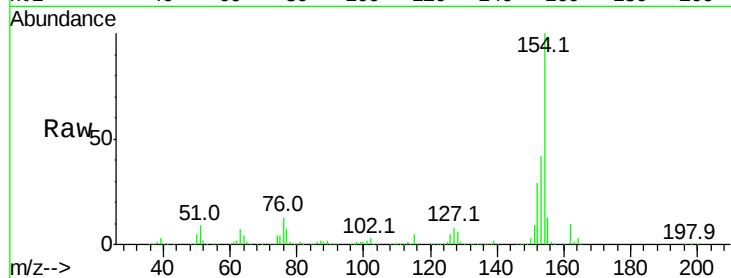
Tot Ion:154 Resp: 1325479

Ion Ratio Lower Upper

154 100

153 41.8 21.2 61.2

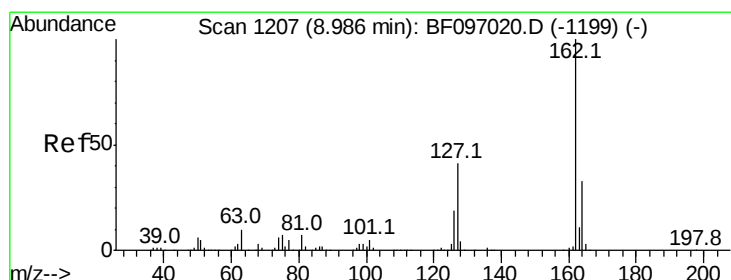
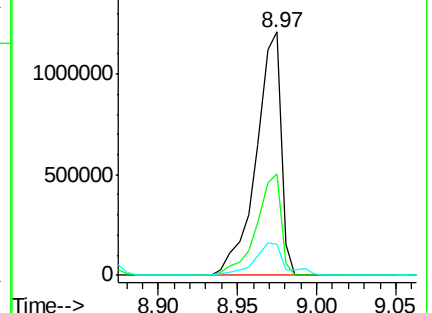
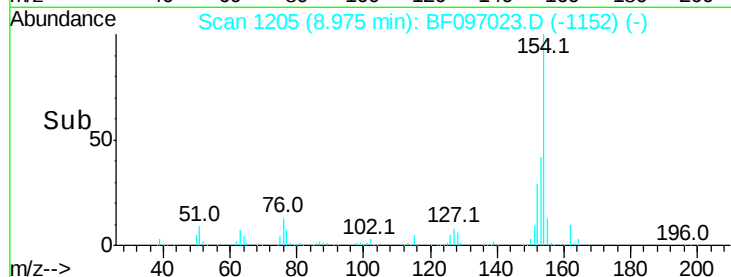
76 12.7 0.0 29.9



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: 66.733 ng

RT: 8.99 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

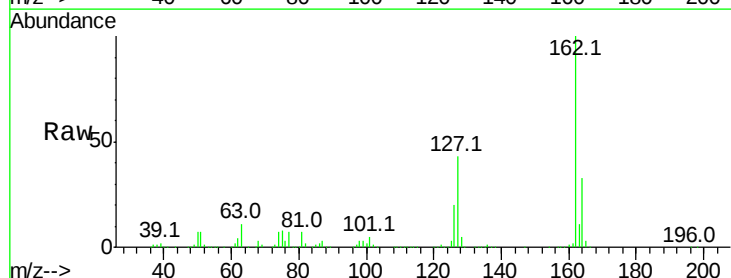
Tgt Ion:162 Resp: 1016648

Ion Ratio Lower Upper

162 100

127 43.5 28.3 42.5#

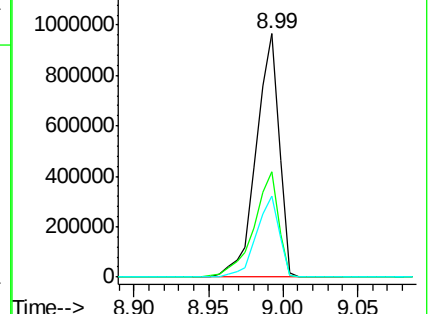
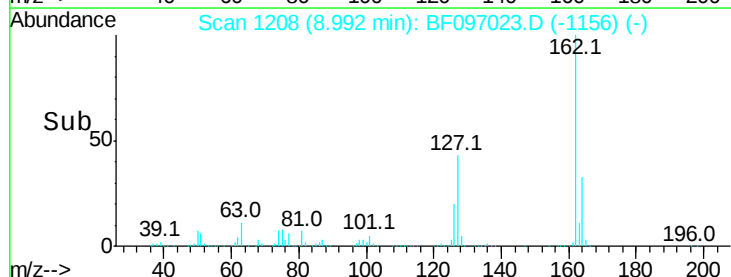
164 33.1 27.0 40.4

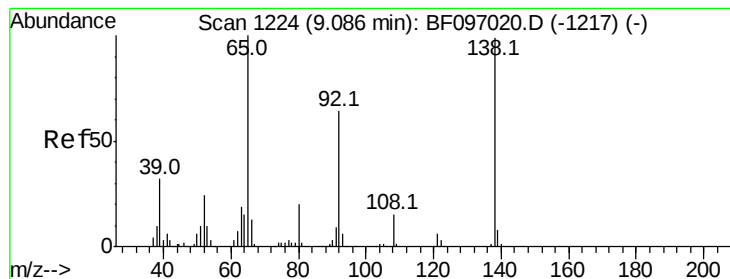


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 79.696 ng

RT: 9.09 min Scan# 1225

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

Instrument :

BNA_F

ClientSampled :

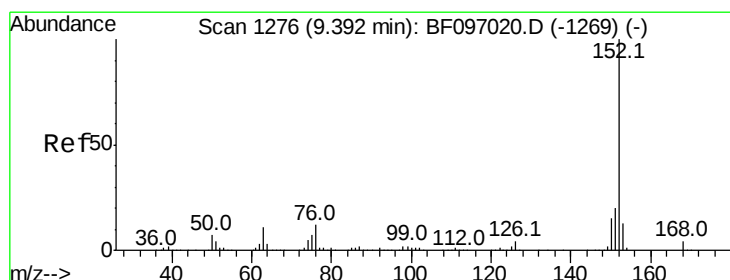
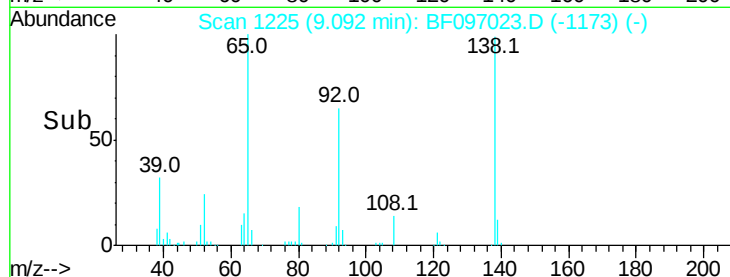
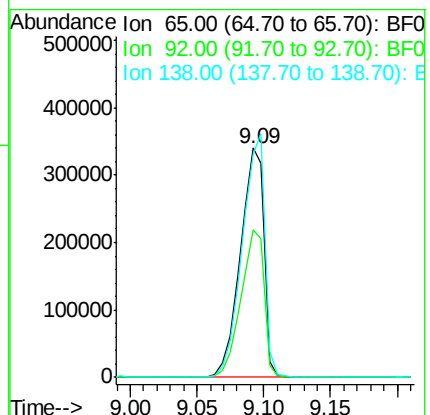
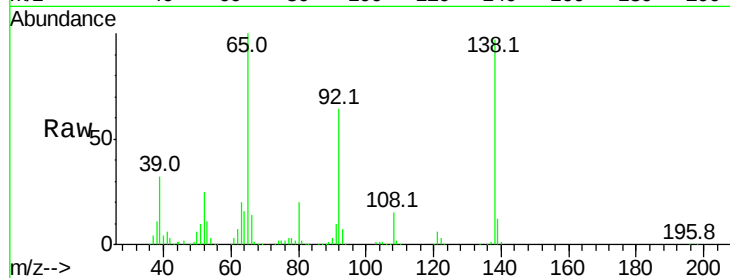
Tot Ion: 65 Resp: 417342

Ion Ratio Lower Upper

65 100

92 64.3 53.9 80.9

138 97.5 78.8 118.2



#48

Acenaphthylene

Concen: 62.655 ng

RT: 9.40 min Scan# 1277

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

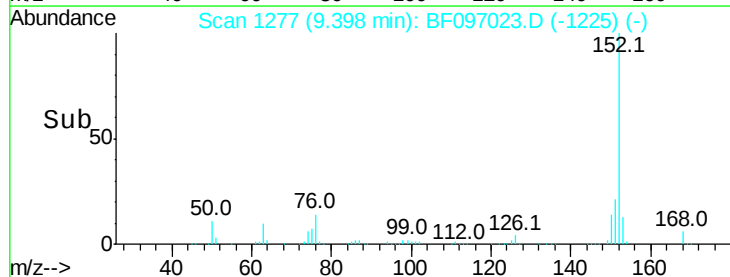
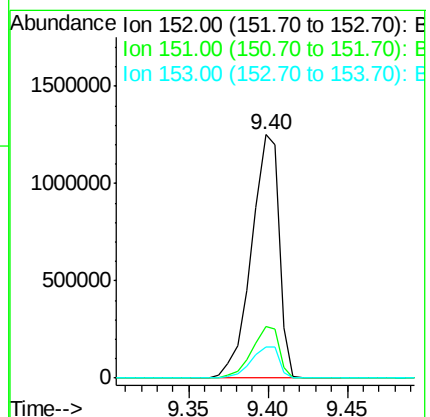
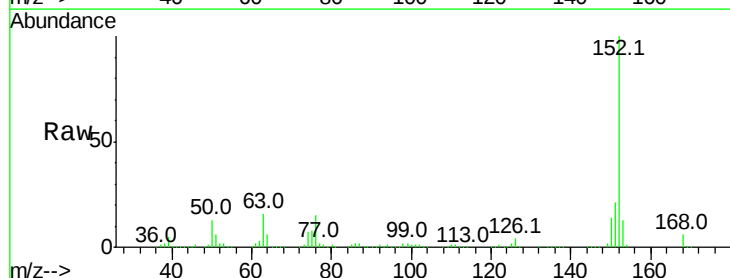
Tgt Ion: 152 Resp: 1520867

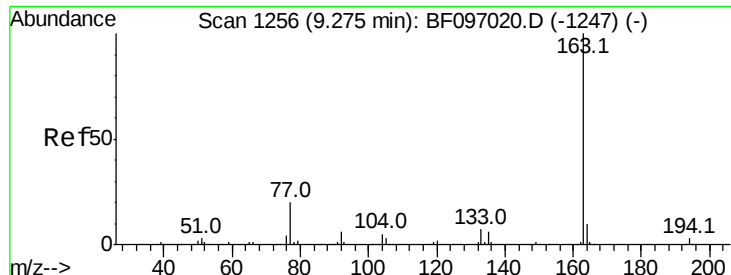
Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

153 12.8 10.8 16.2

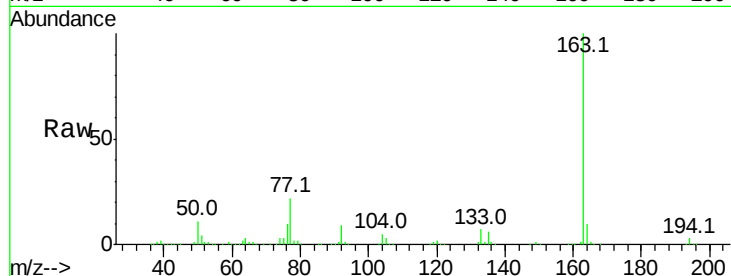




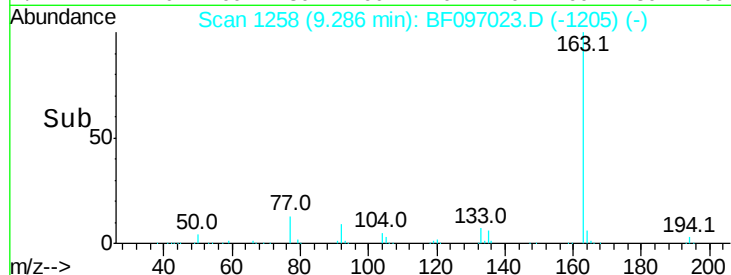
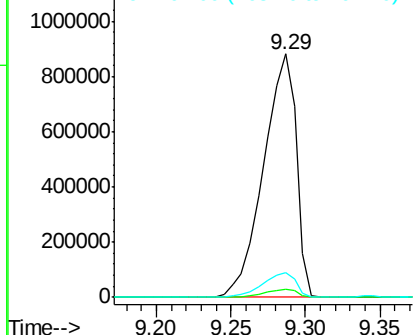
#49
Dimethylphthalate
Concen: 73.803 ng
RT: 9.29 min Scan# 1258
Delta R.T. 0.01 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1340572
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.0 8.4 12.6

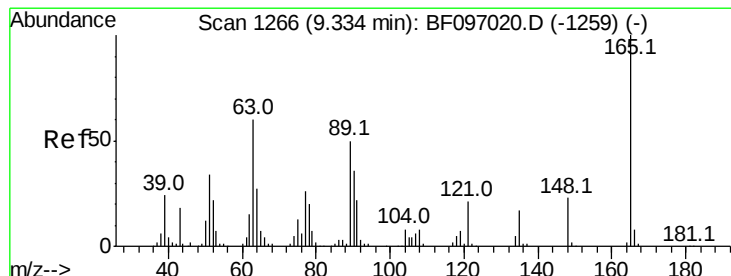


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

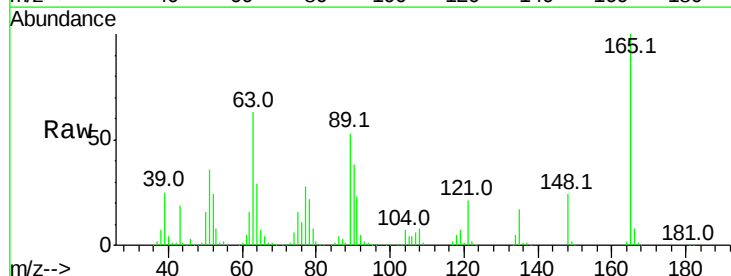
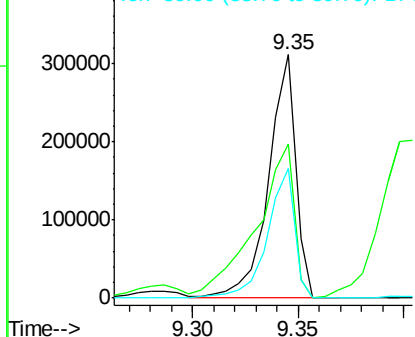


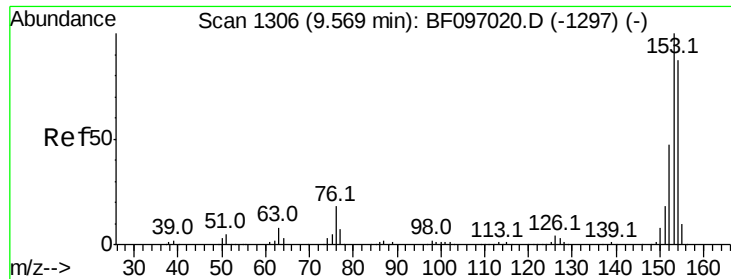
#50
2,6-Dinitrotoluene
Concen: 70.914 ng
RT: 9.35 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

Tgt Ion:165 Resp: 278999
Ion Ratio Lower Upper
165 100
63 63.4 34.3 51.5#
89 53.4 37.1 55.7



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





#51

Acenaphthene

Concen: 64.257 ng

RT: 9.57 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

Instrument :

BNA_F

ClientSampled :

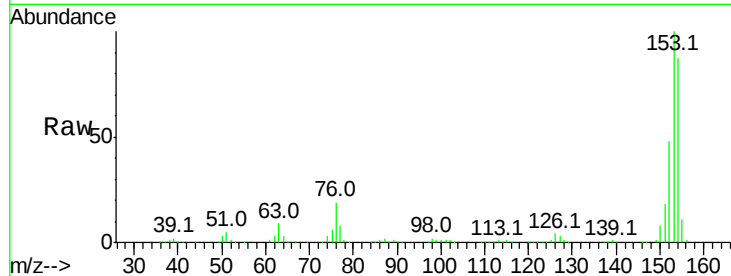
Tot Ion:154 Resp: 921411

Ion Ratio Lower Upper

154 100

153 115.4 90.5 135.7

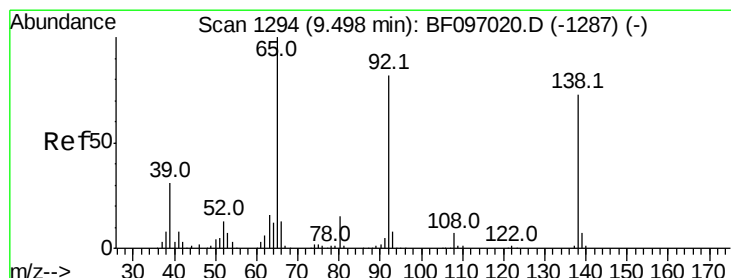
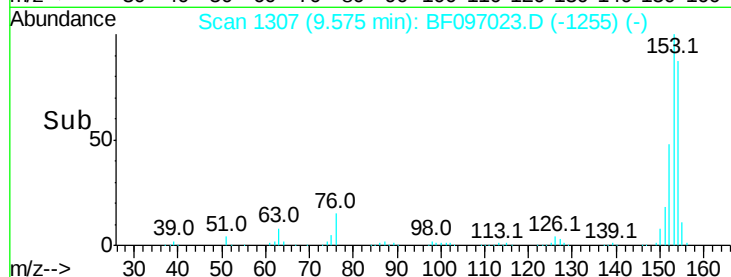
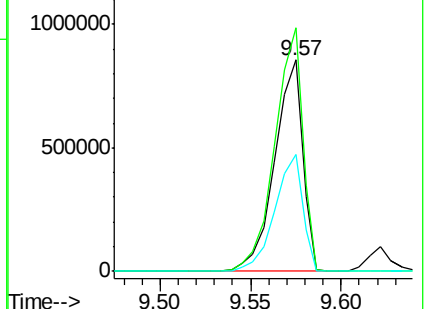
152 55.2 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 77.440 ng

RT: 9.51 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

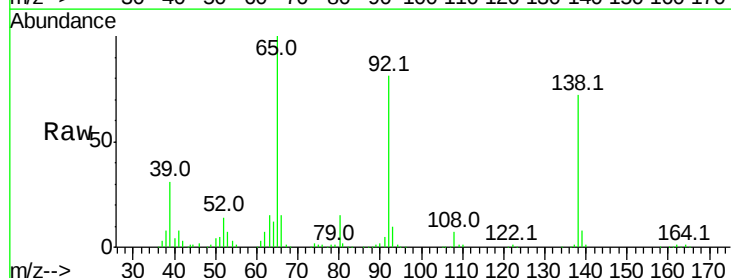
Tgt Ion:138 Resp: 360933

Ion Ratio Lower Upper

138 100

108 9.7 9.1 13.7

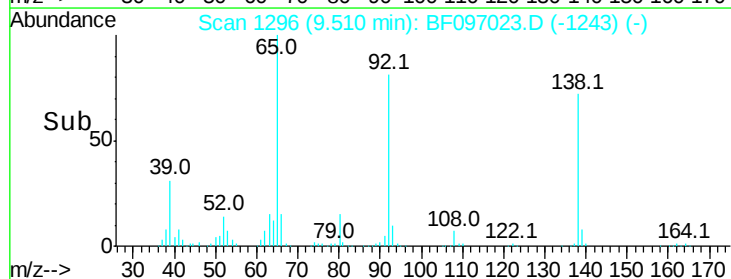
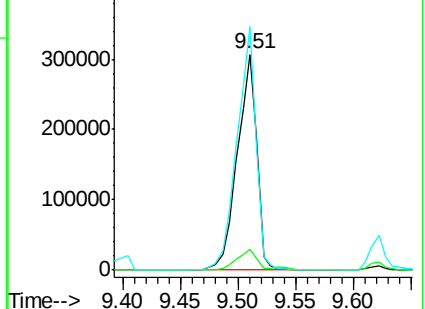
92 112.7 93.8 140.6

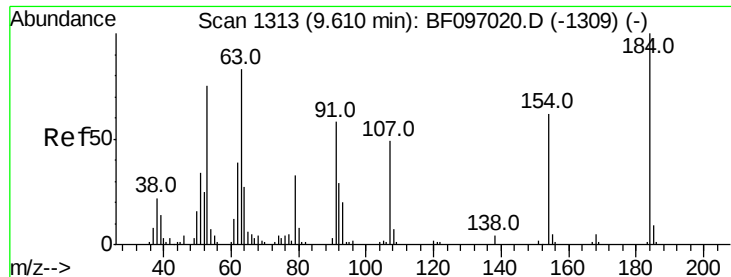


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

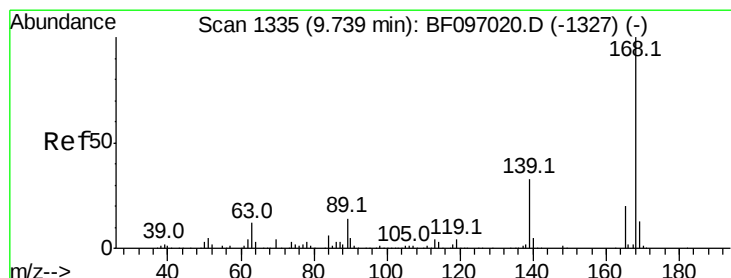
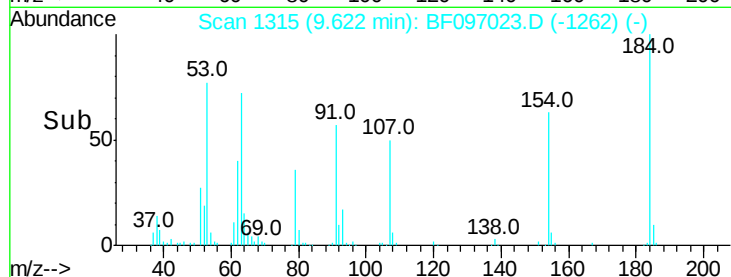
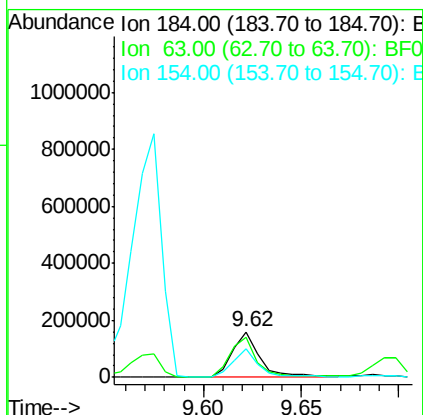
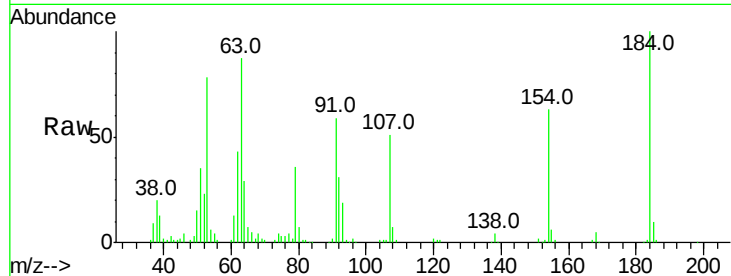




#53
2,4-Dinitrophenol
Concen: 96.624 ng
RT: 9.62 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

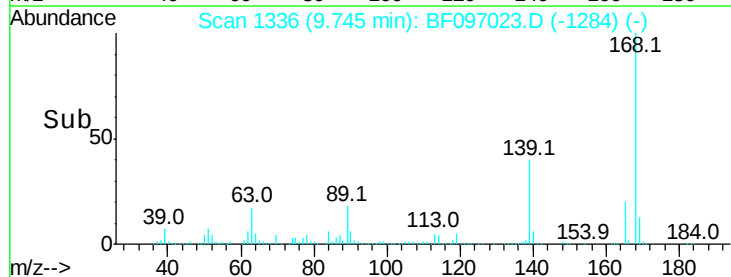
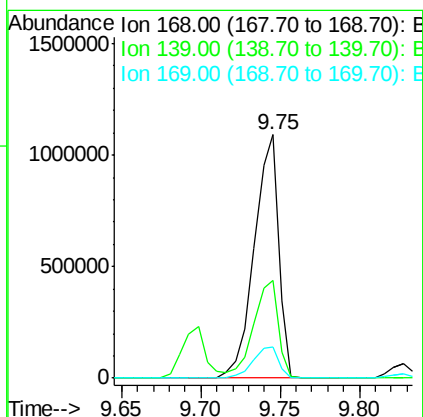
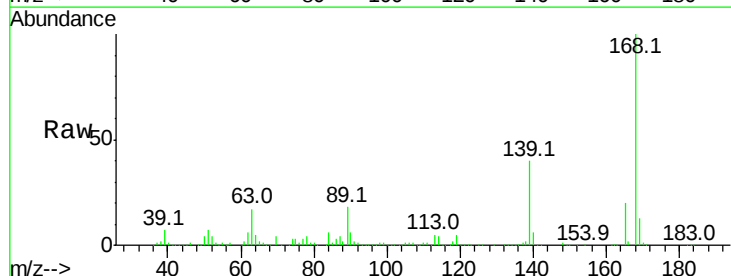
Instrument :
BNA_F
ClientSampled :

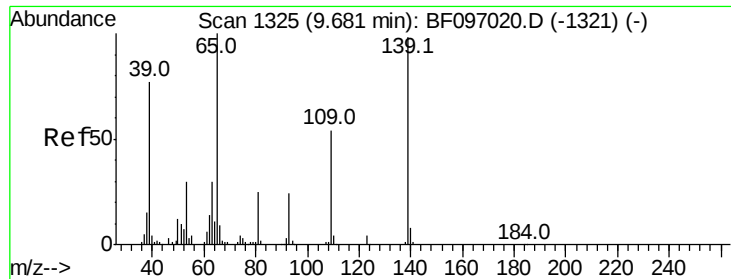
Tot Ion:184 Resp: 159916
Ion Ratio Lower Upper
184 100
63 87.3 62.7 94.1
154 62.6 81.1 121.7#



#54
Dibenzofuran
Concen: 58.143 ng
RT: 9.75 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

Tgt Ion:168 Resp: 1168343
Ion Ratio Lower Upper
168 100
139 39.9 30.6 45.8
169 13.0 10.8 16.2

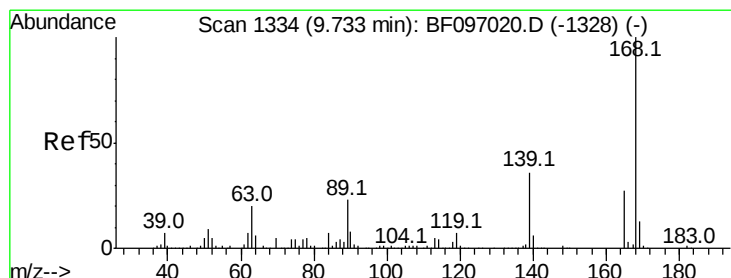
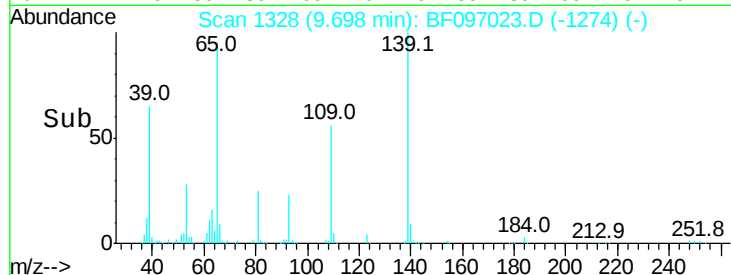
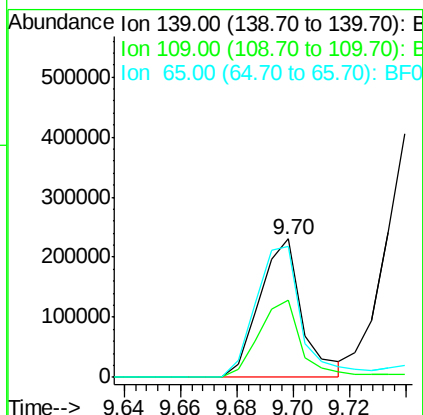
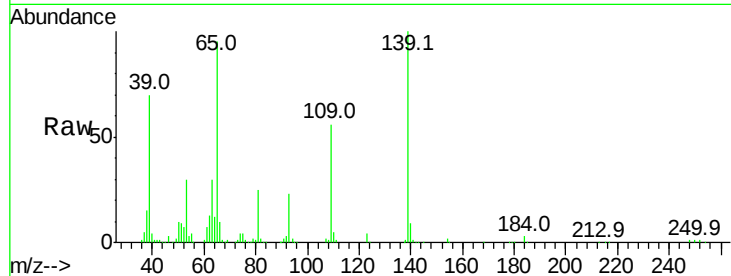




#55
4-Nitrophenol
Concen: 70.364 ng
RT: 9.70 min Scan# 1328
Delta R.T. 0.02 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

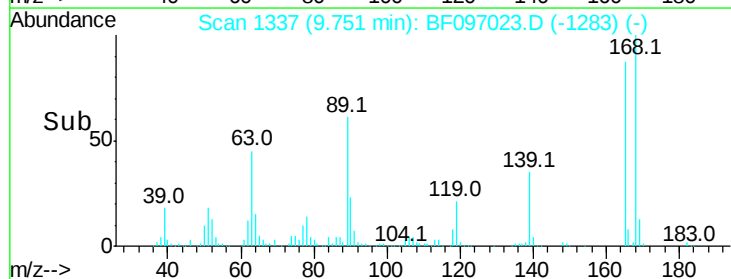
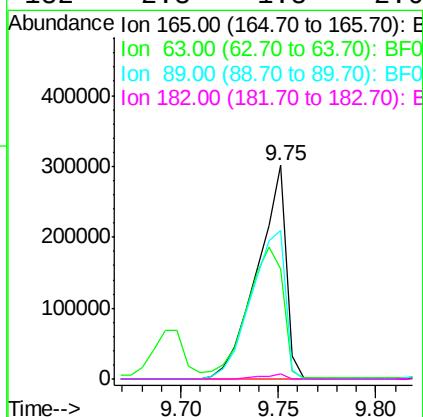
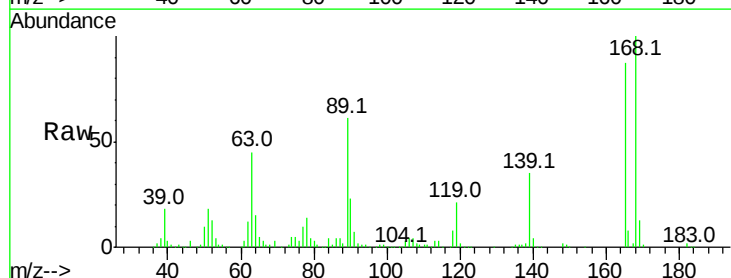
Instrument :
BNA_F
ClientSampleId :

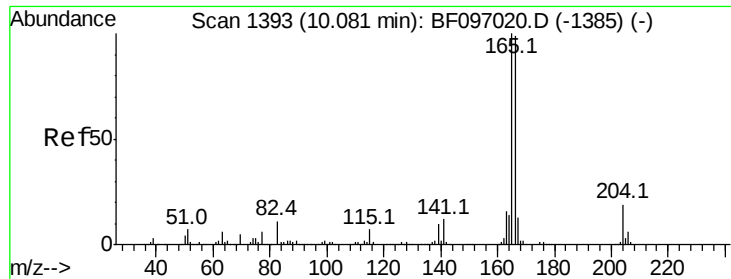
Tot Ion:139 Resp: 239595
Ion Ratio Lower Upper
139 100
109 55.8 34.1 74.1
65 95.2 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 61.124 ng
RT: 9.75 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

Tgt Ion:165 Resp: 309019
Ion Ratio Lower Upper
165 100
63 51.3 25.4 38.0#
89 69.3 46.4 69.6
182 2.3 1.8 2.6

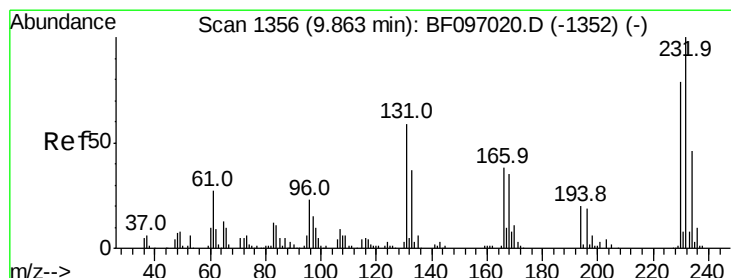
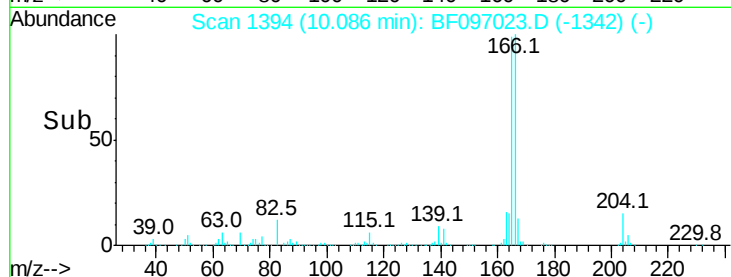
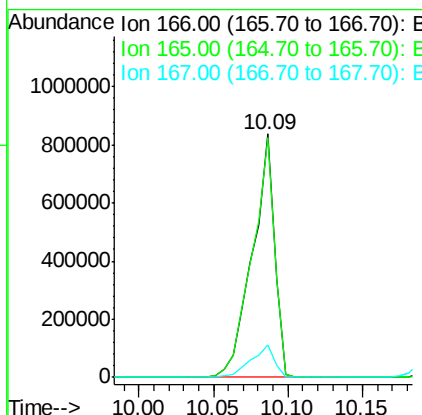
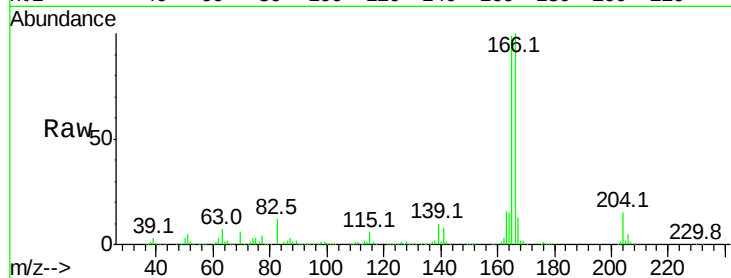




#57
Fluorene
 Concen: 57.920 ng
 RT: 10.09 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF097023.D
 Acq: 25 Jul 2017 12:31

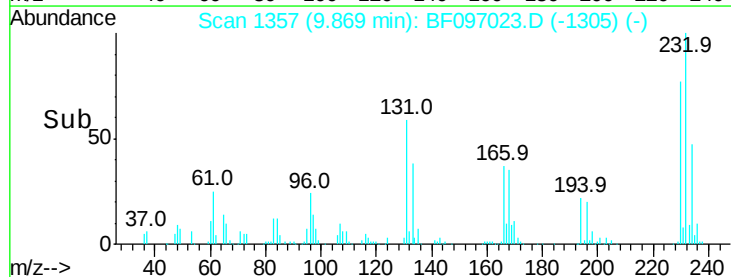
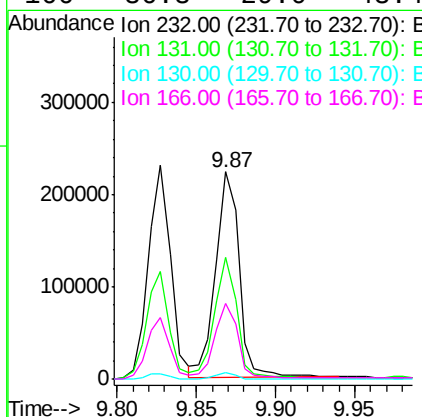
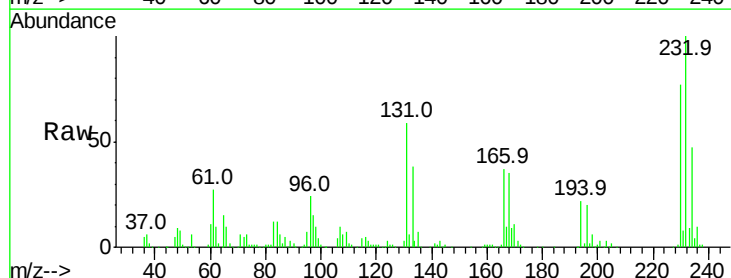
Instrument :
 BNA_F
 ClientSampleId :

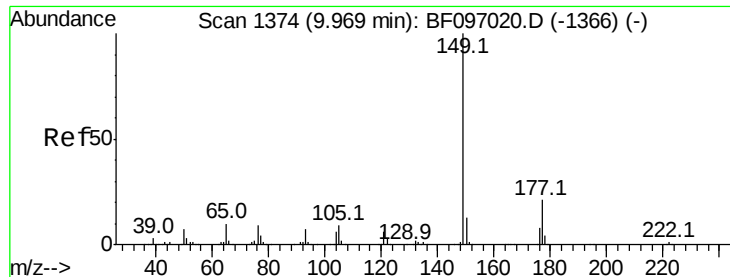
Tot Ion:166 Resp: 860050
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.8 118.2
 167 13.3 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 68.718 ng
 RT: 9.87 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF097023.D
 Acq: 25 Jul 2017 12:31

Tgt Ion:232 Resp: 231198
 Ion Ratio Lower Upper
 232 100
 131 56.7 44.8 67.2
 130 2.7 2.3 3.5
 166 36.3 29.0 43.4

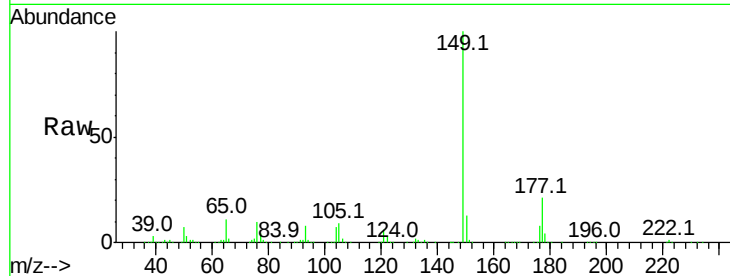




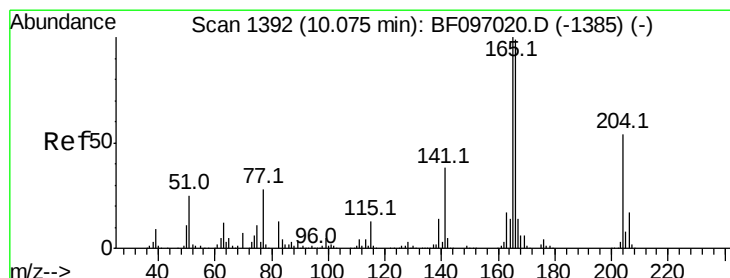
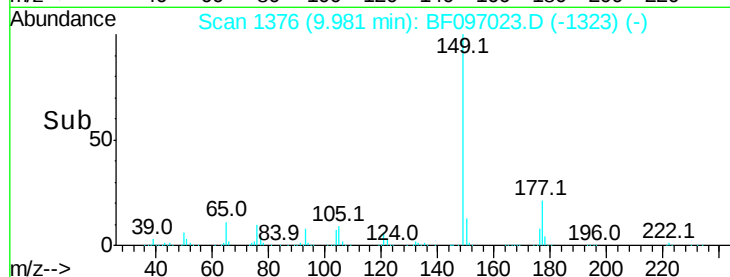
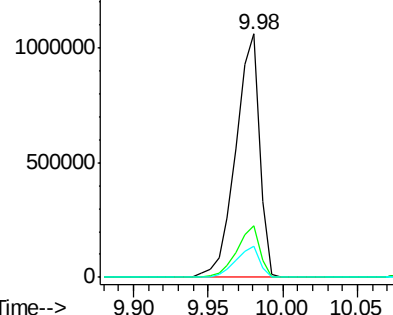
#59
Diethylphthalate
Concen: 65.695 ng
RT: 9.98 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1161665
Ion Ratio Lower Upper
149 100
177 21.3 16.7 25.1
150 12.6 10.2 15.2

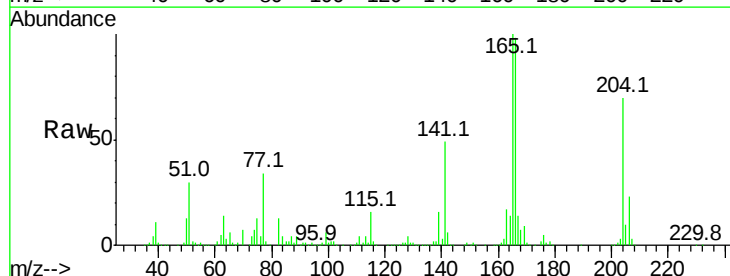


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

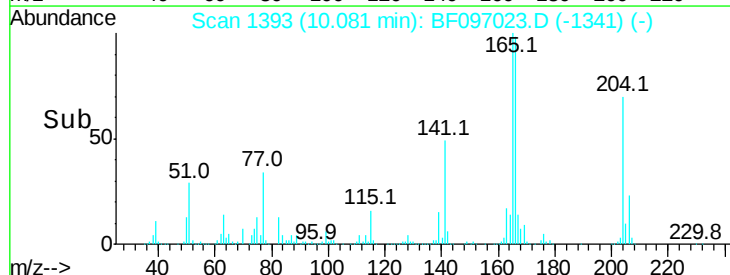
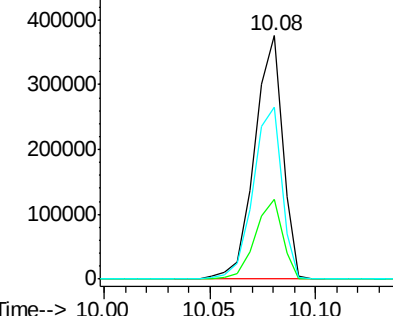


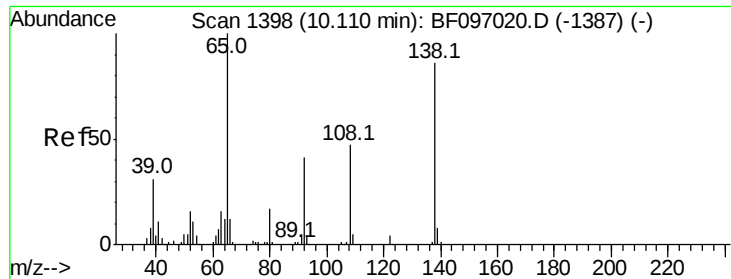
#60
4-Chlorophenyl-phenylether
Concen: 55.656 ng
RT: 10.08 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

Tgt Ion:204 Resp: 347474
Ion Ratio Lower Upper
204 100
206 32.9 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

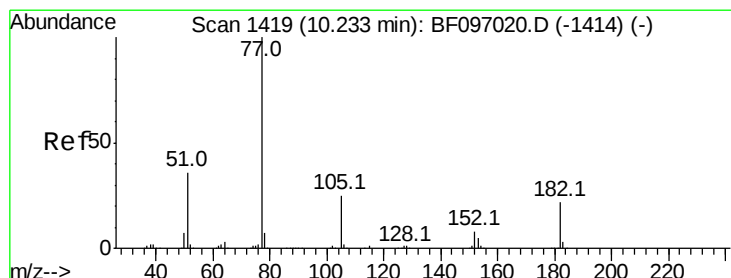
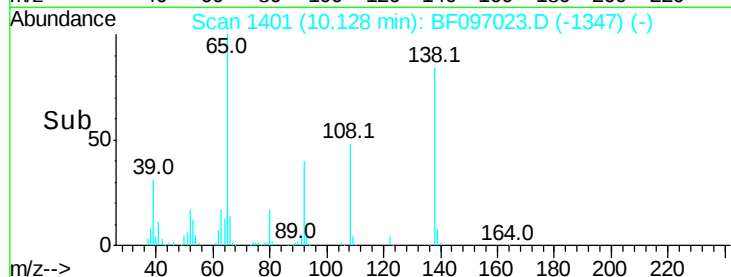
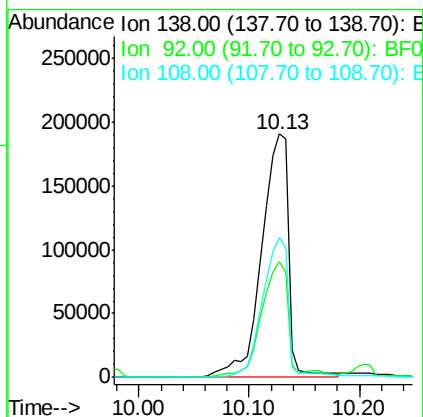
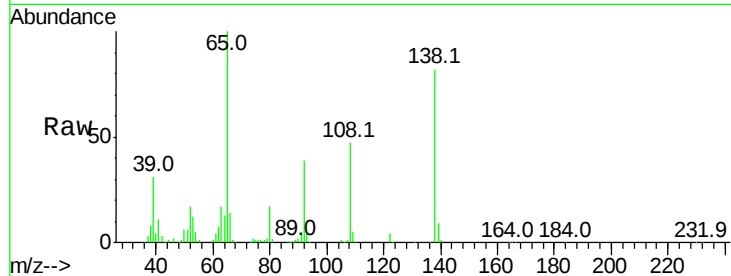




#61
4-Nitroaniline
Concen: 75.193 ng
RT: 10.13 min Scan# 1401
Delta R.T. 0.02 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

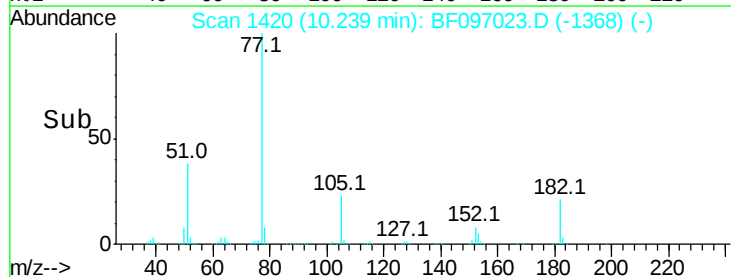
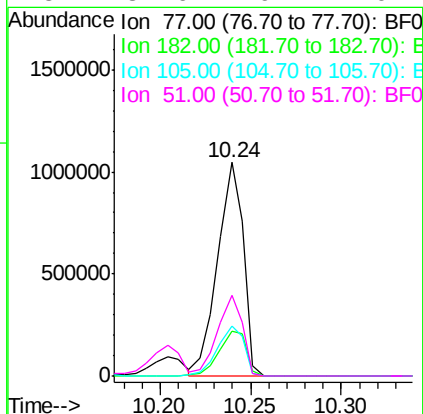
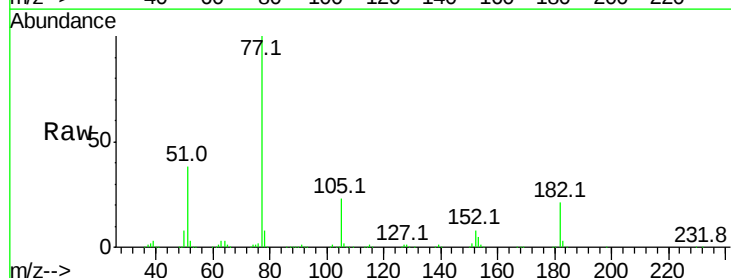
Instrument :
BNA_F
ClientSampled :

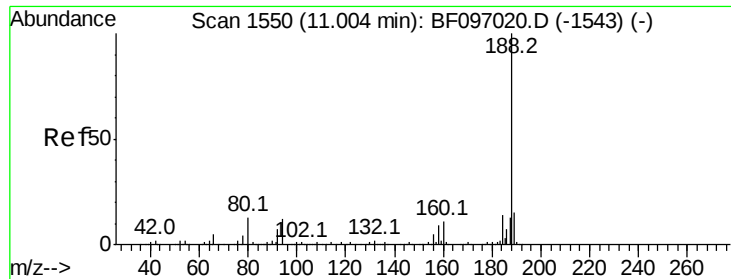
Tot Ion:138 Resp: 329102
Ion Ratio Lower Upper
138 100
92 47.5 21.8 61.8
108 57.7 42.3 82.3



#62
Azobenzene
Concen: 66.215 ng
RT: 10.24 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

Tgt Ion: 77 Resp: 1032927
Ion Ratio Lower Upper
77 100
182 21.0 0.1 40.1
105 23.4 3.6 43.6
51 37.6 9.4 49.4

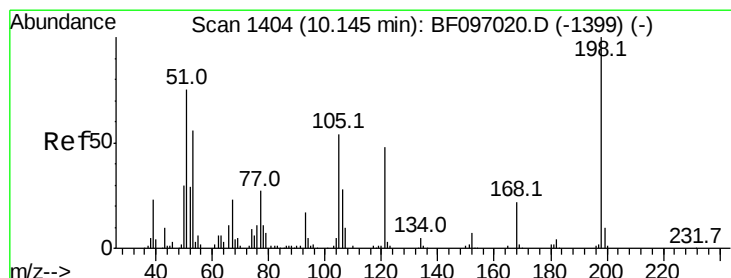
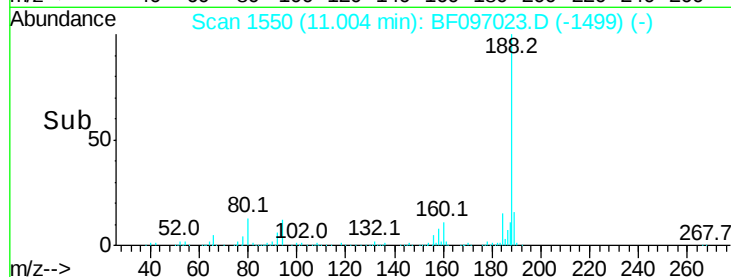
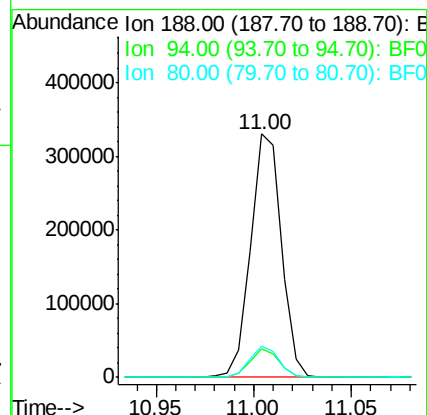
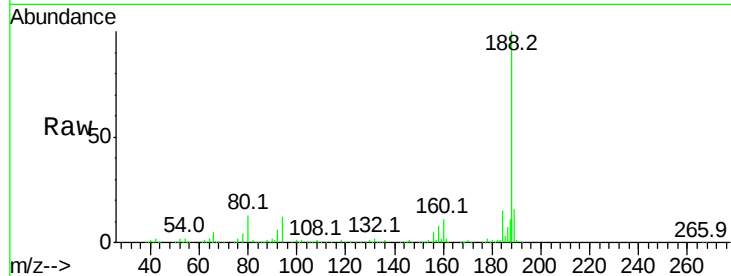




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

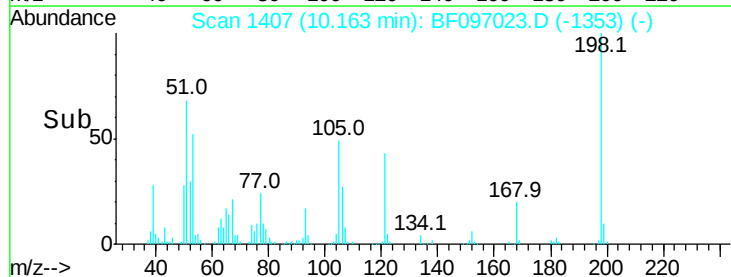
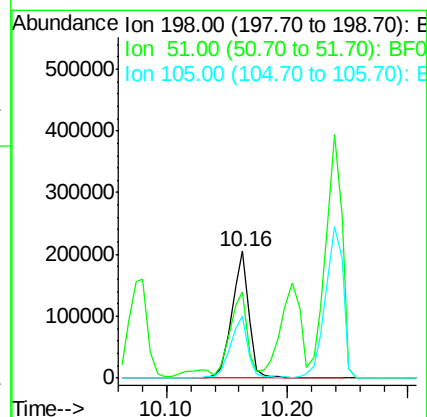
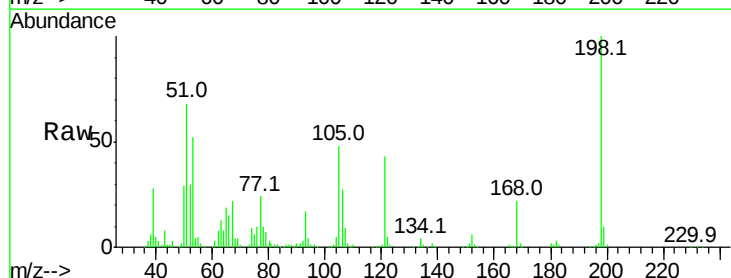
Instrument :
BNA_F
ClientSampleId :

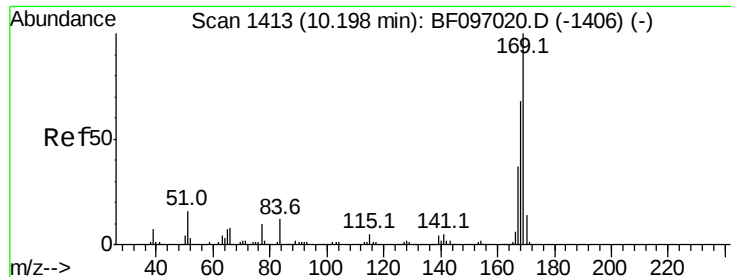
Tot Ion:188 Resp: 360476
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 12.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 88.374 ng
RT: 10.16 min Scan# 1407
Delta R.T. 0.02 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

Tgt Ion:198 Resp: 200014
Ion Ratio Lower Upper
198 100
51 67.6 53.2 93.2
105 48.5 45.8 85.8

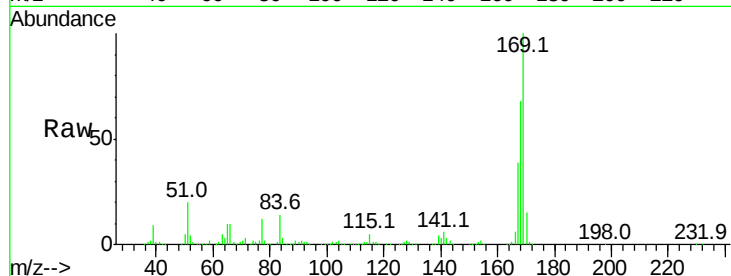




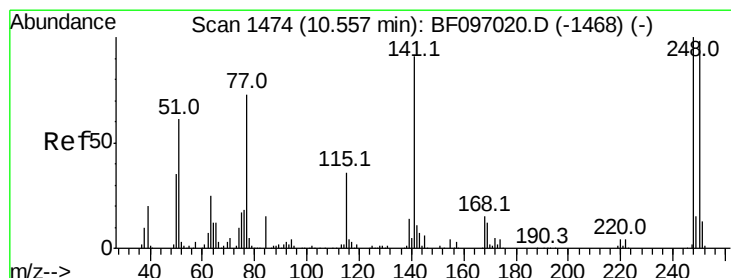
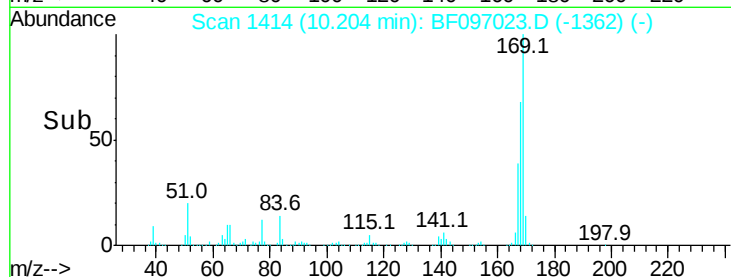
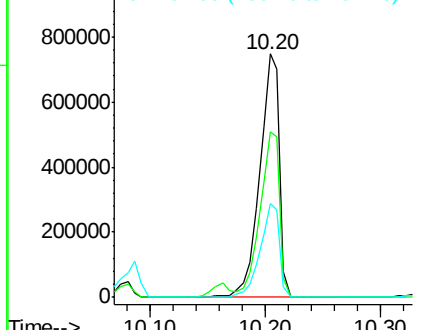
#65
n-Nitrosodiphenylamine
Concen: 69.048 ng
RT: 10.20 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:169 Resp: 889731
Ion Ratio Lower Upper
169 100
168 68.2 53.2 79.8
167 38.7 29.5 44.3

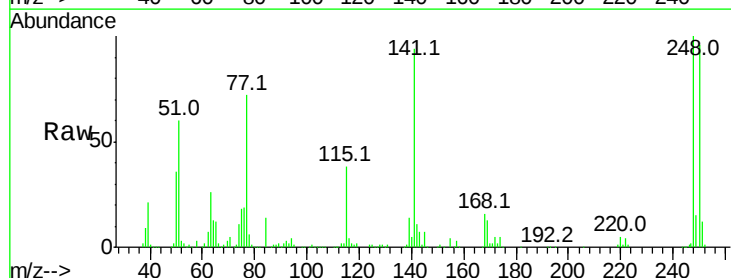


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

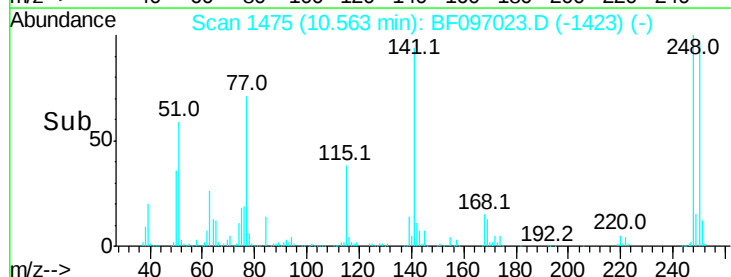
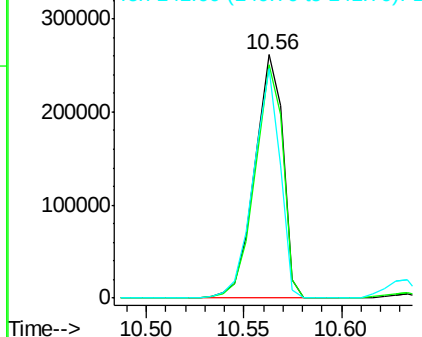


#66
4-Bromophenyl-phenylether
Concen: 71.562 ng
RT: 10.56 min Scan# 1475
Delta R.T. 0.01 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

Tgt Ion:248 Resp: 263371
Ion Ratio Lower Upper
248 100
250 95.7 76.8 115.2
141 94.2 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: 69.772 ng

RT: 10.63 min Scan# 1487

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

Instrument :

BNA_F

ClientSampleId :

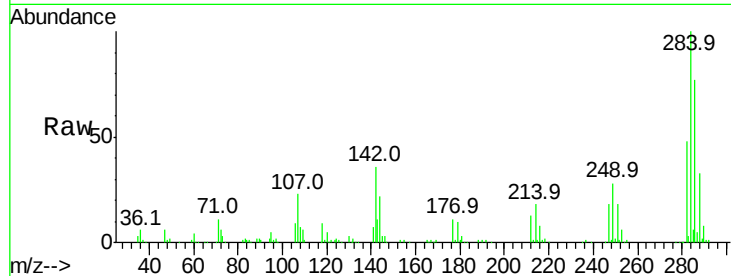
Tot Ion:284 Resp: 285997

Ion Ratio Lower Upper

284 100

142 36.3 22.8 34.2#

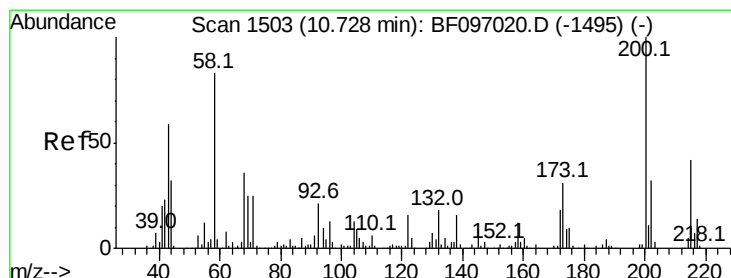
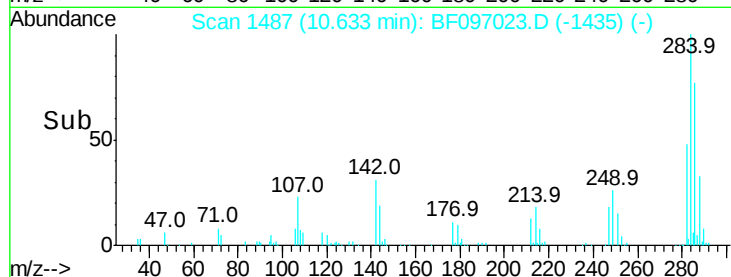
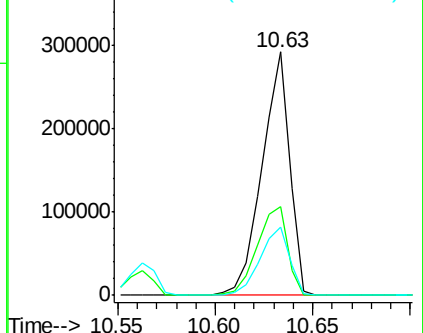
249 28.1 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 68.286 ng

RT: 10.74 min Scan# 1505

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

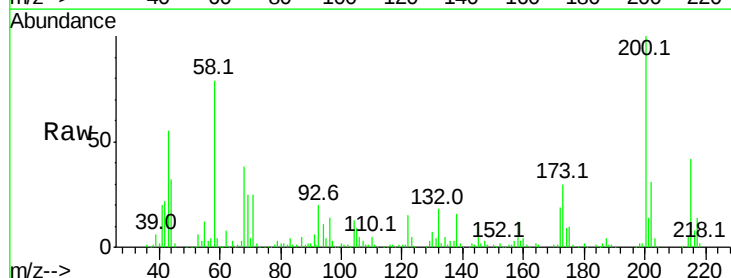
Tgt Ion:200 Resp: 250688

Ion Ratio Lower Upper

200 100

173 30.2 6.3 46.3

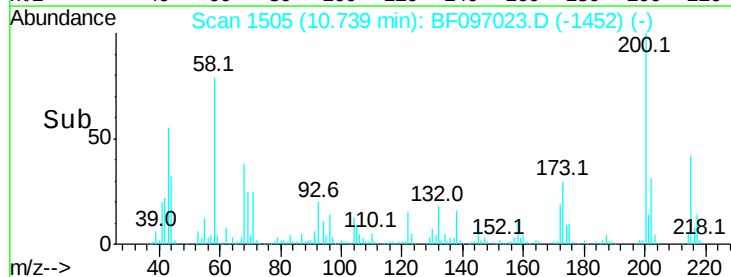
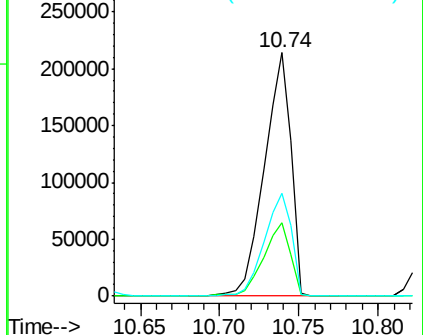
215 42.5 27.2 67.2

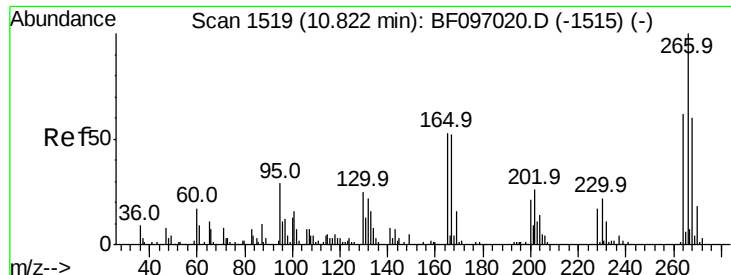


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

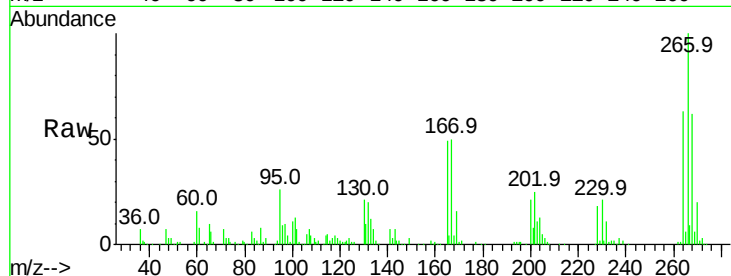




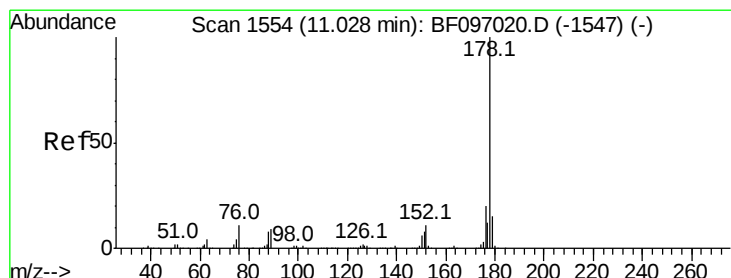
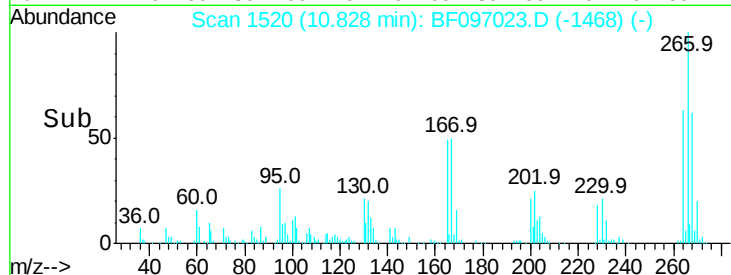
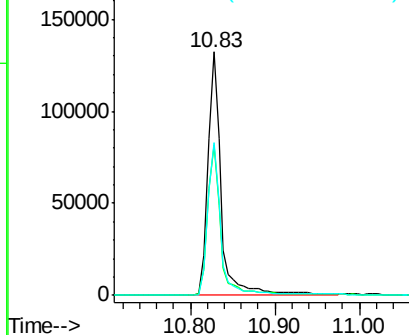
#69
 Pentachlorophenol
 Concen: 73.904 ng
 RT: 10.83 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF097023.D
 Acq: 25 Jul 2017 12:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 146345
 Ion Ratio Lower Upper
 266 100
 268 61.7 51.1 76.7
 264 62.8 51.7 77.5

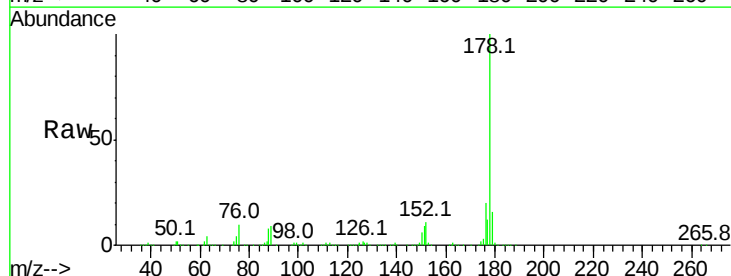


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

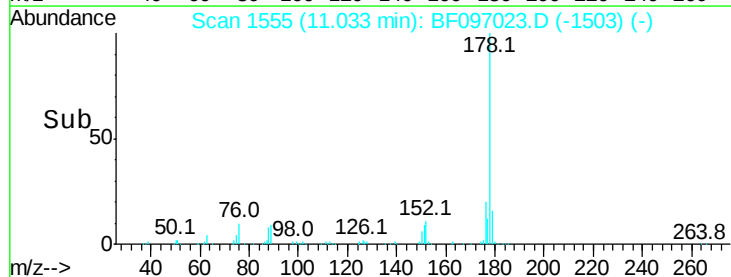
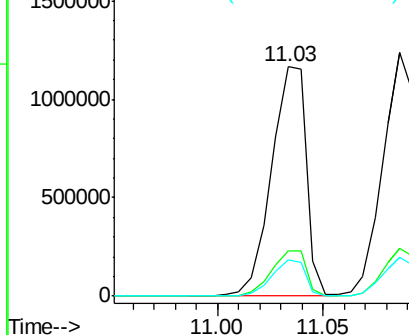


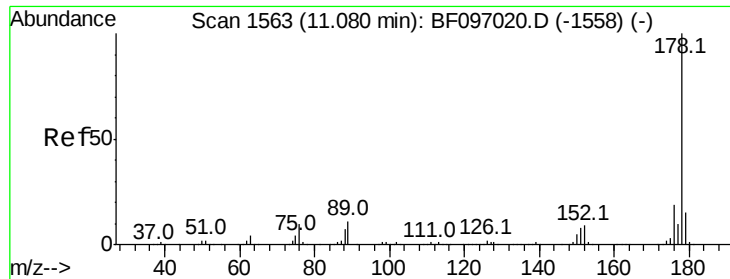
#70
 Phenanthrene
 Concen: 68.463 ng
 RT: 11.03 min Scan# 1555
 Delta R.T. 0.01 min
 Lab File: BF097023.D
 Acq: 25 Jul 2017 12:31

Tgt Ion:178 Resp: 1341890
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.7 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: 67.081 ng

RT: 11.09 min Scan# 1564

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

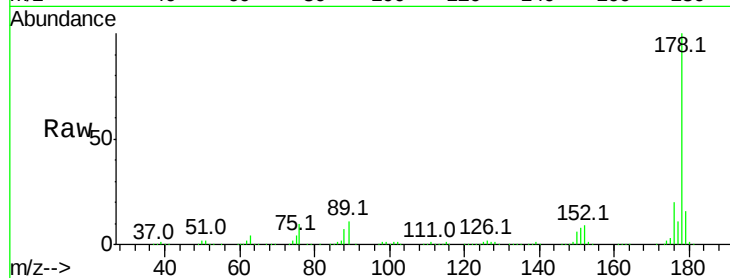
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1329362

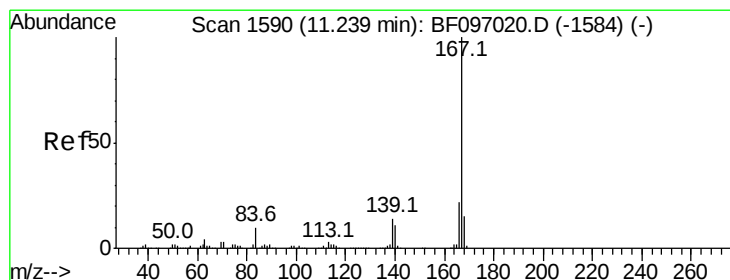
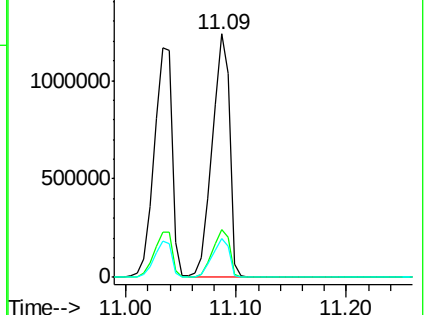
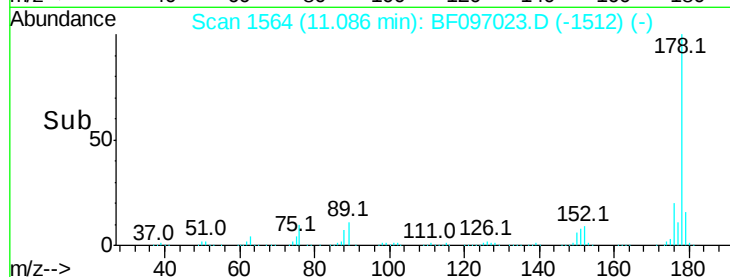
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.9	12.7	19.1



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: 71.280 ng

RT: 11.25 min Scan# 1591

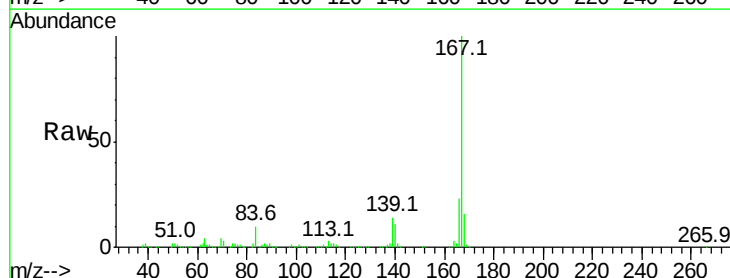
Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

Tgt Ion:167 Resp: 1367928

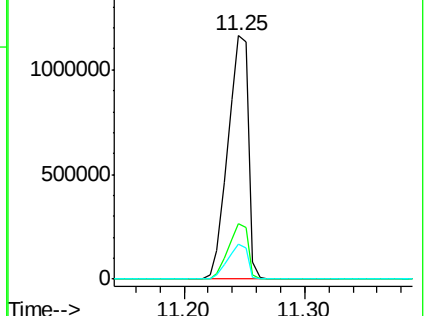
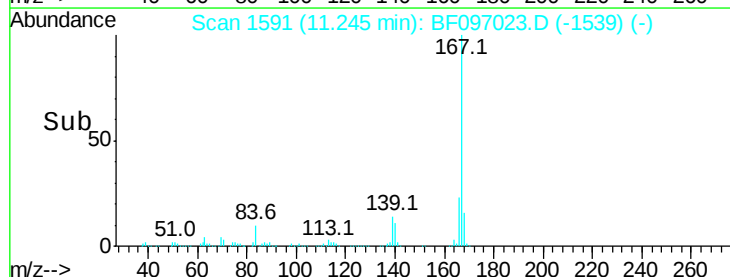
Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.1	27.1
139	14.4	11.7	17.5

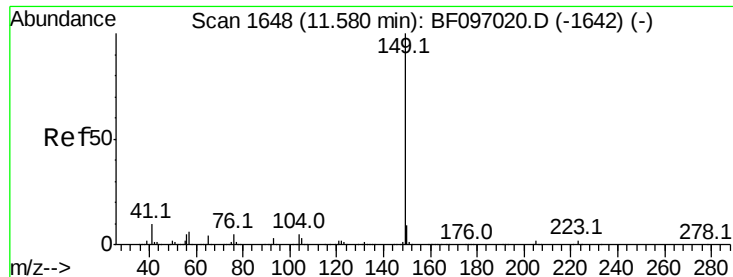


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 71.371 ng

RT: 11.59 min Scan# 1649

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

Instrument :

BNA_F

ClientSampleId :

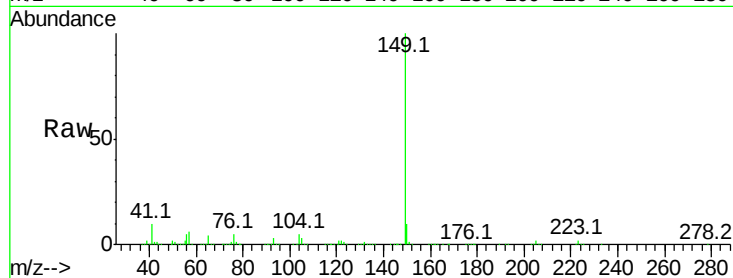
Tot Ion:149 Resp: 1705785

Ion Ratio Lower Upper

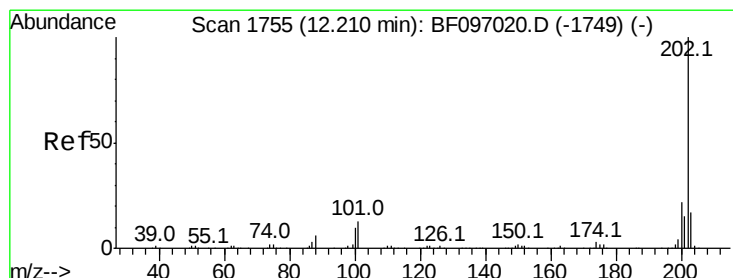
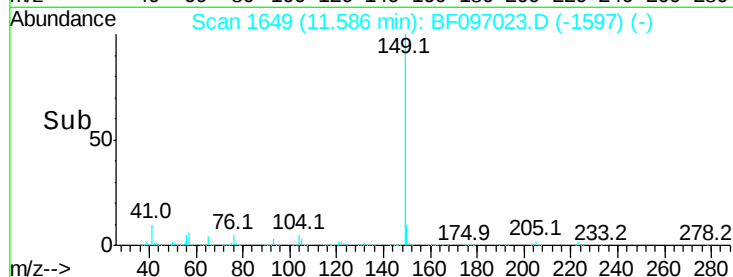
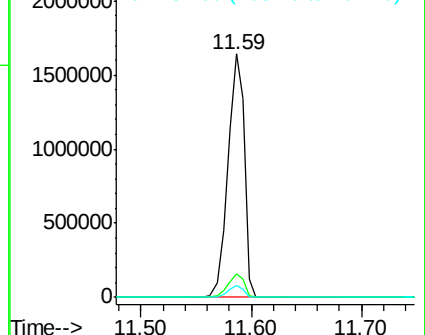
149 100

150 9.6 7.7 11.5

104 4.7 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: 68.109 ng

RT: 12.22 min Scan# 1756

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

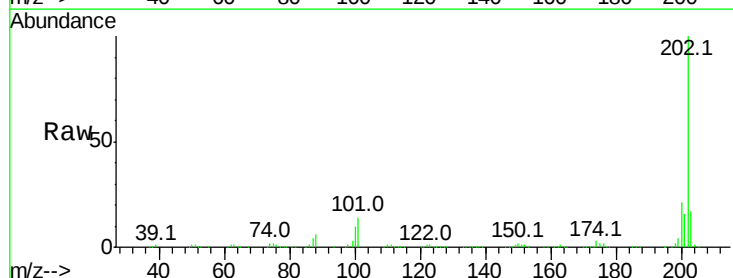
Tgt Ion:202 Resp: 1277781

Ion Ratio Lower Upper

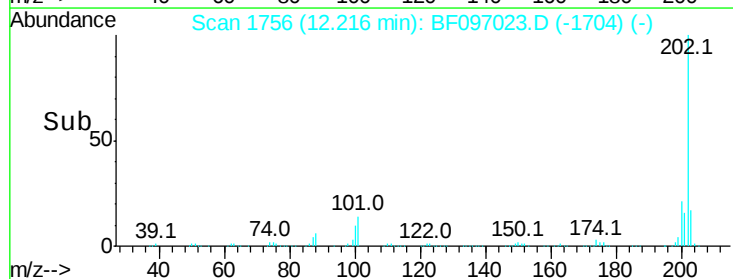
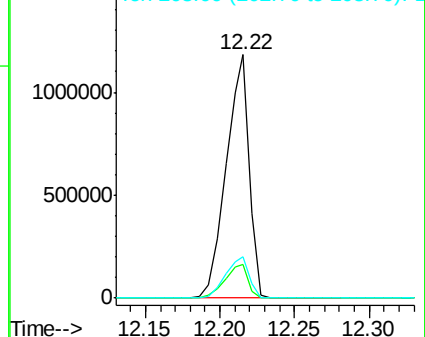
202 100

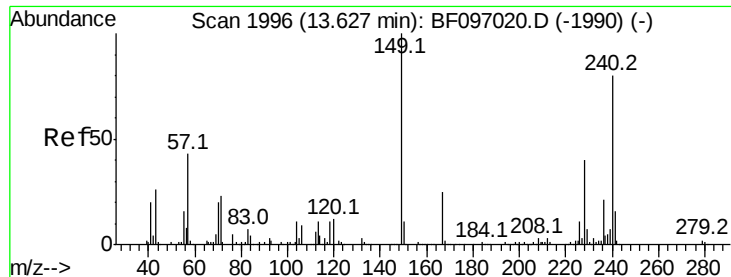
101 13.8 0.0 33.2

203 17.0 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# 1997

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

Instrument :

BNA_F

ClientSampleId :

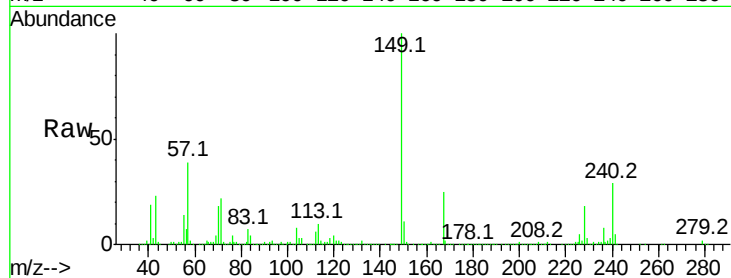
Tot Ion:240 Resp: 184421

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

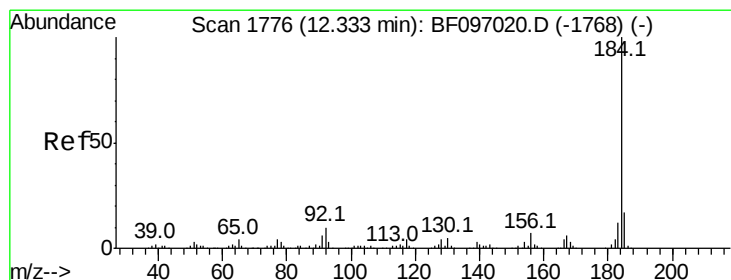
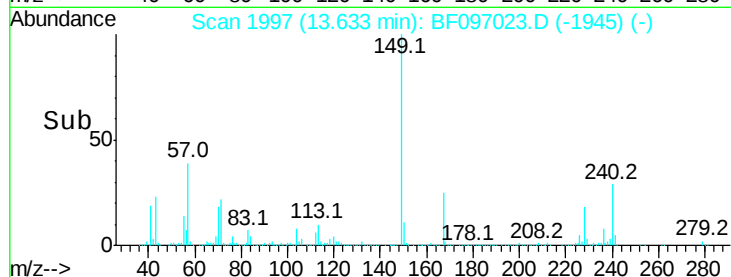
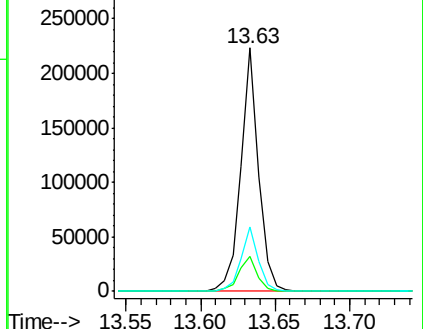
236 26.3 20.5 30.7



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: 82.346 ng

RT: 12.34 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

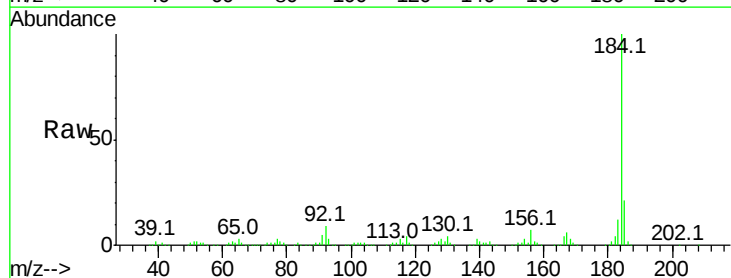
Tgt Ion:184 Resp: 497508

Ion Ratio Lower Upper

184 100

185 20.7 15.5 23.3

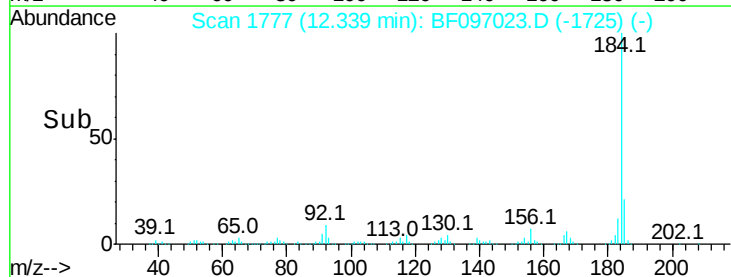
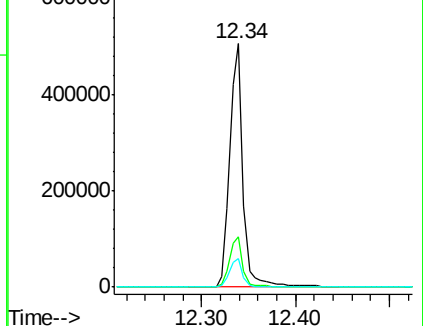
183 11.9 9.8 14.6

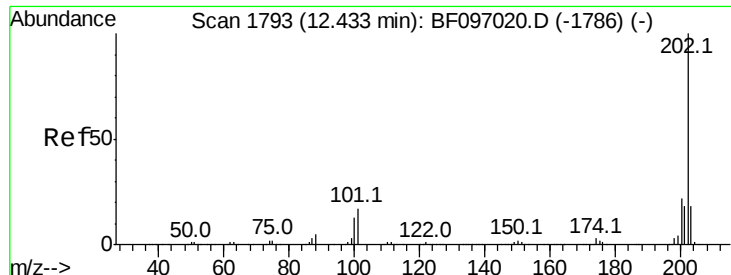


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

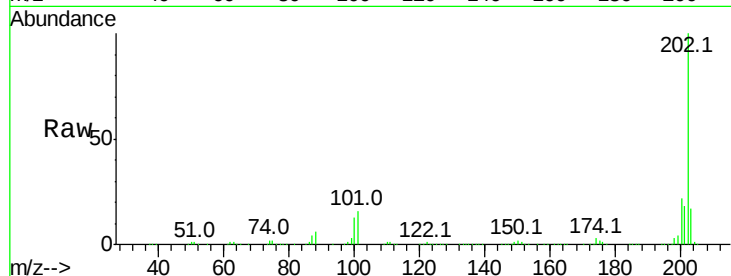




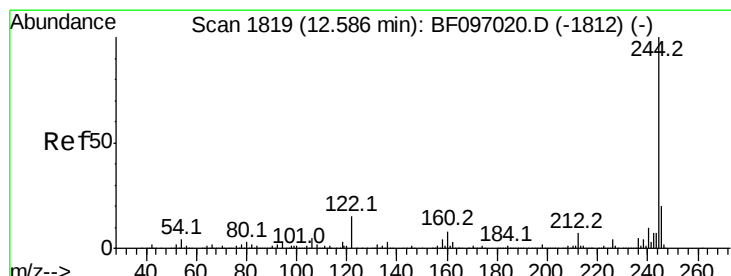
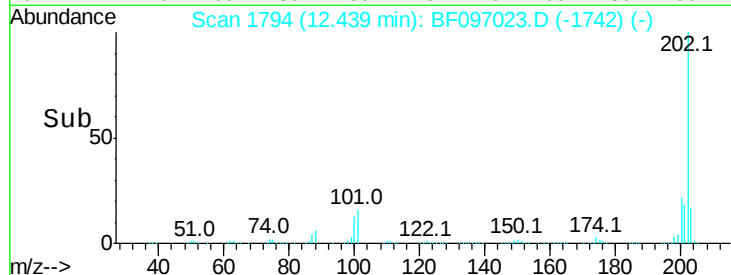
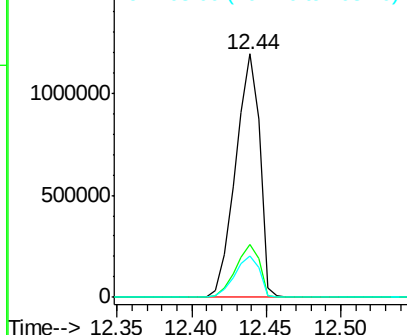
#77
Pvrene
Concen: 80.614 ng
RT: 12.44 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1349244
Ion Ratio Lower Upper
202 100
200 21.8 17.6 26.4
203 17.2 14.4 21.6

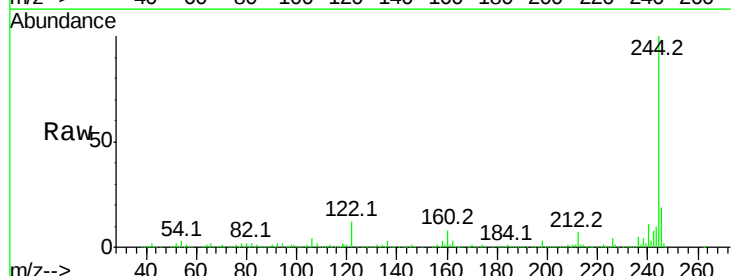


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

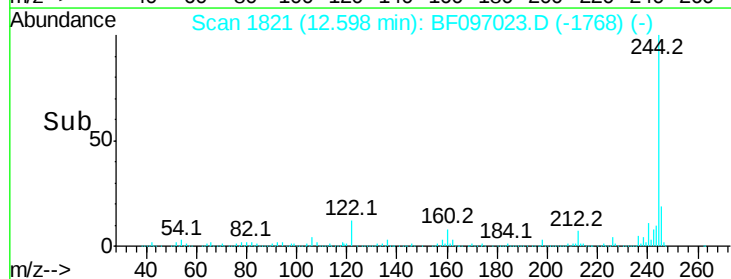
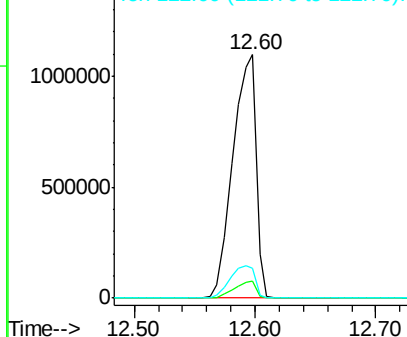


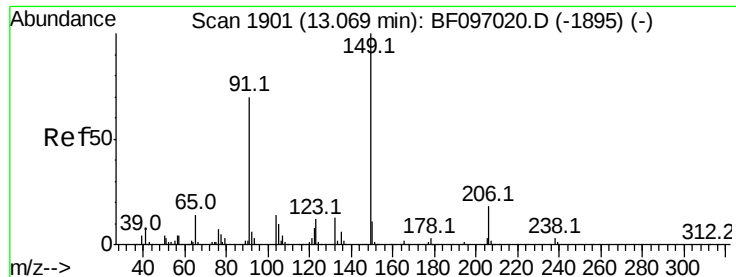
#78
Terphenyl-d14
Concen: 138.826 ng
RT: 12.60 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

Tgt Ion:244 Resp: 1476268
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 12.4 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

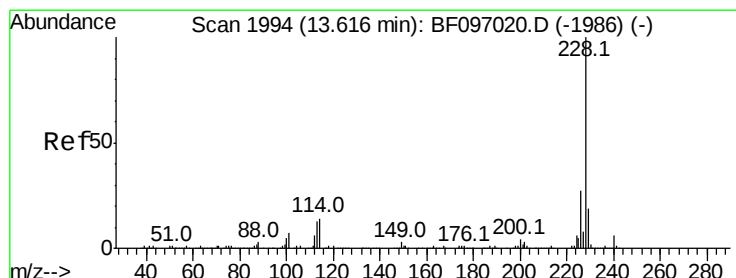
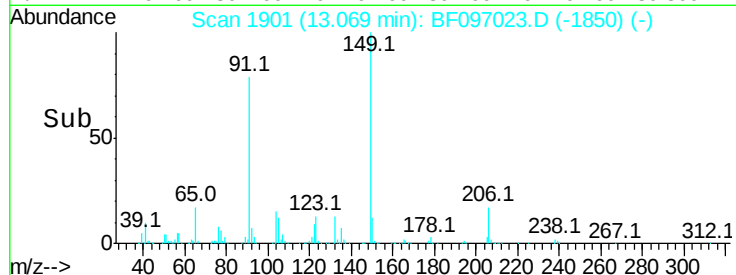
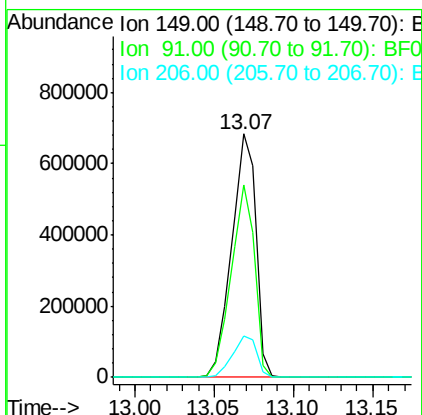
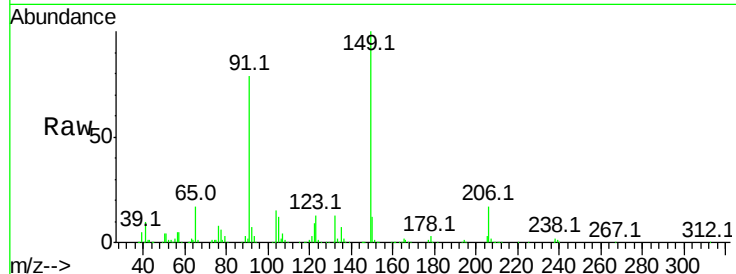




#79
Butylbenzylphthalate
Concen: 90.810 ng
RT: 13.07 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

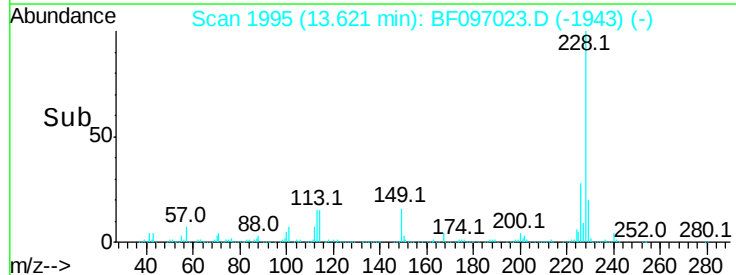
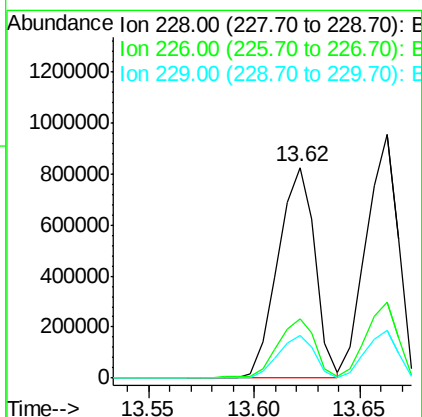
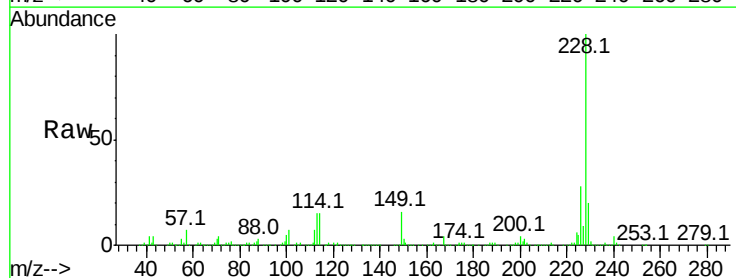
Instrument :
BNA_F
ClientSampleId :

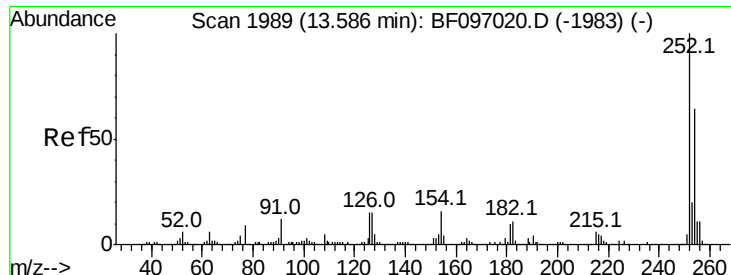
Tot Ion:149 Resp: 722155
Ion Ratio Lower Upper
149 100
91 79.3 45.0 67.4#
206 16.9 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 87.647 ng
RT: 13.62 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BF097023.D
Acq: 25 Jul 2017 12:31

Tgt Ion:228 Resp: 1007137
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 20.0 16.3 24.5

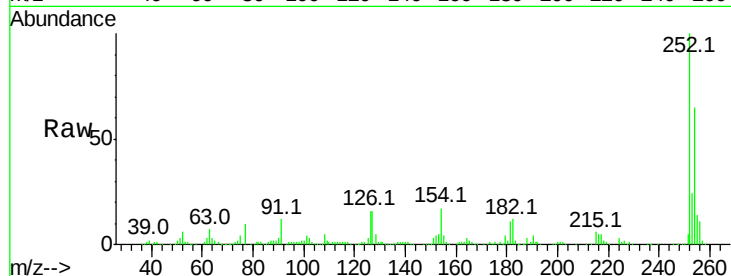




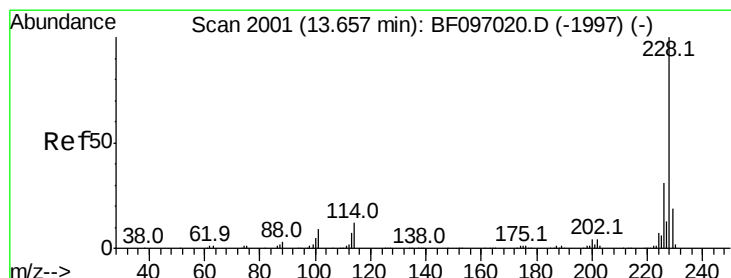
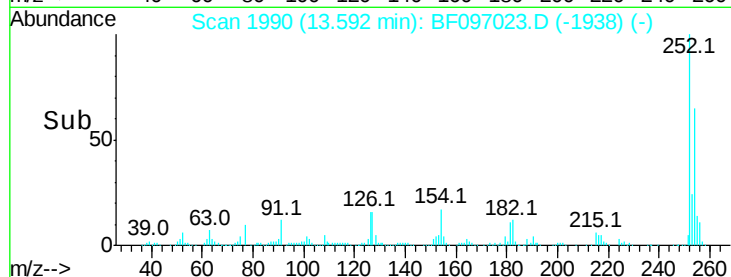
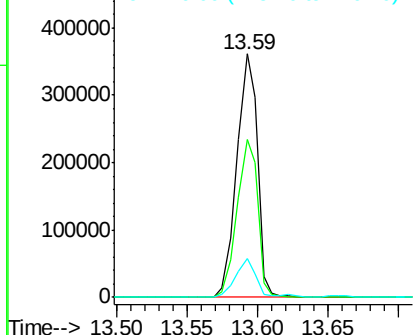
#81
 3,3'-Dichlorobenzidine
 Concen: 88.889 ng
 RT: 13.59 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: BF097023.D
 Acq: 25 Jul 2017 12:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 367302
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.5 77.3
 126 15.9 15.8 23.8

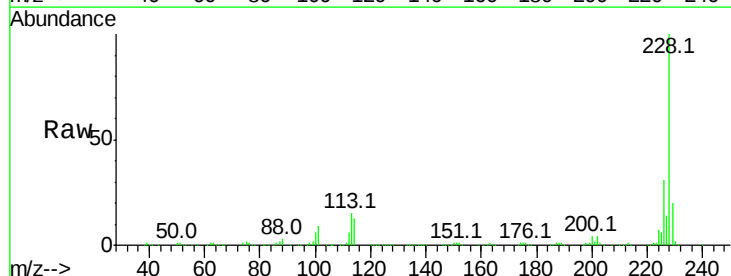


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

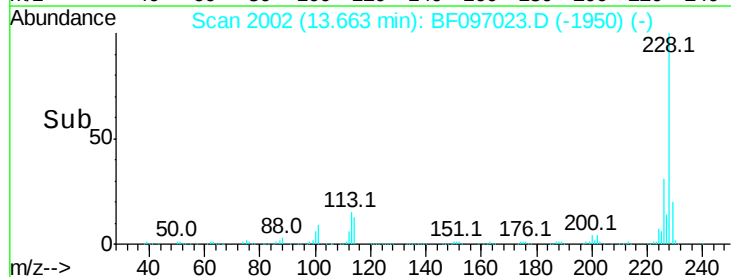
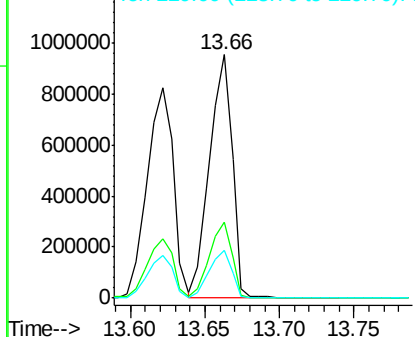


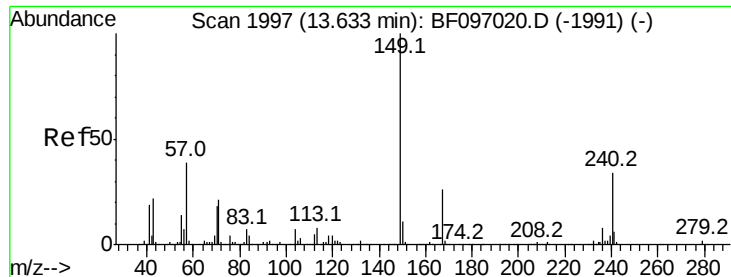
#82
 Chrysene
 Concen: 89.225 ng
 RT: 13.66 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF097023.D
 Acq: 25 Jul 2017 12:31

Tgt Ion:228 Resp: 1009332
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 19.7 15.8 23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 87.802 ng

RT: 13.64 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

Instrument :

BNA_F

ClientSampleId :

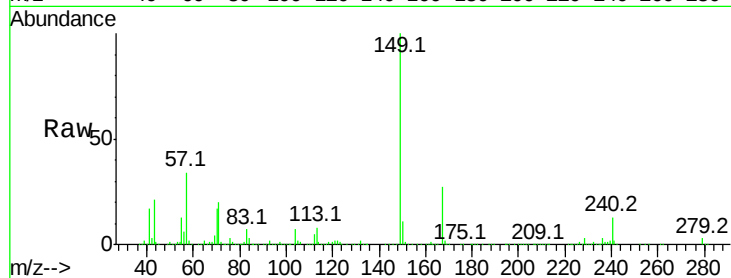
Tot Ion:149 Resp: 850316

Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

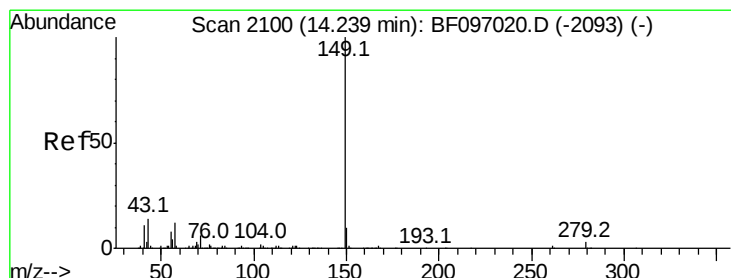
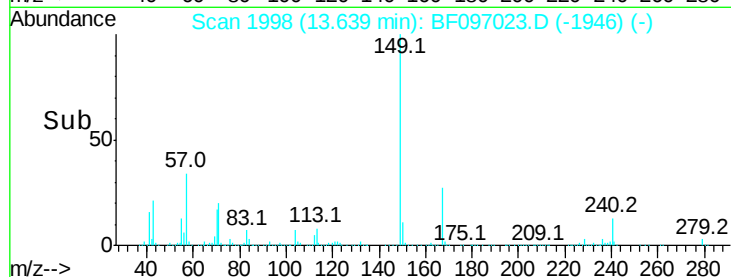
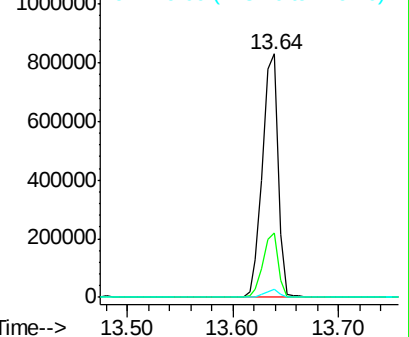
279 3.1 1.9 2.9#



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: 101.864 ng

RT: 14.24 min Scan# 2101

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

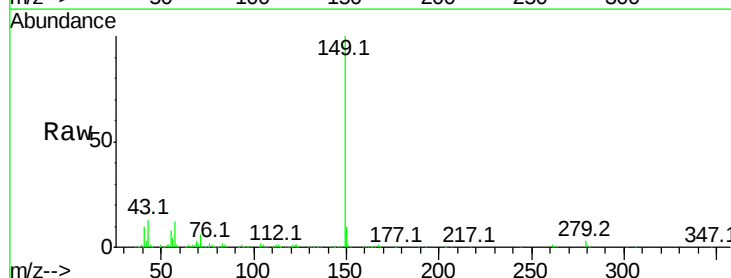
Tgt Ion:149 Resp: 1630703

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

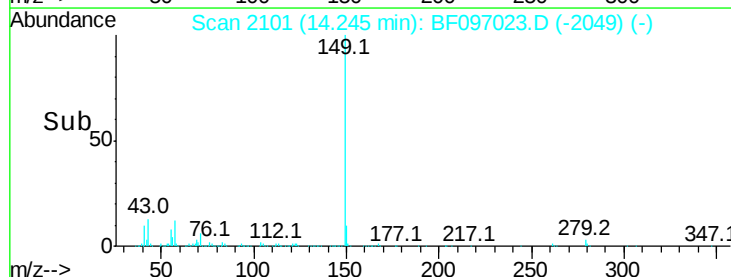
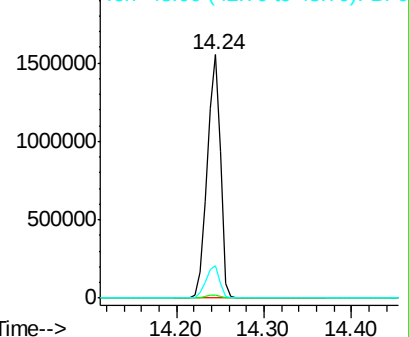
43 13.7 8.5 12.7#

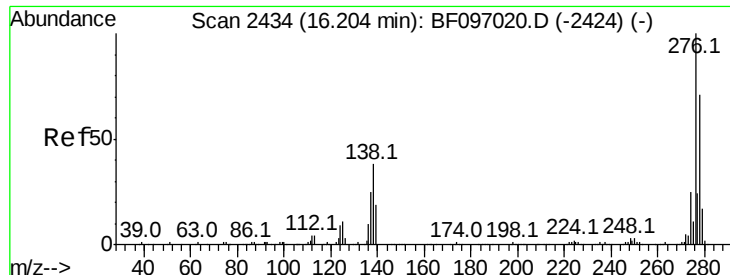


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

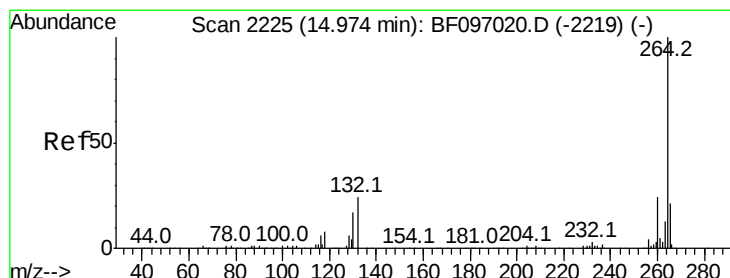
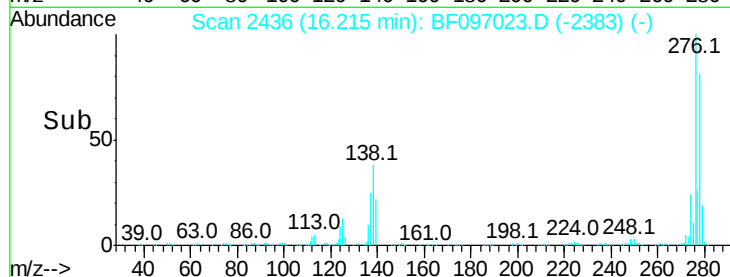
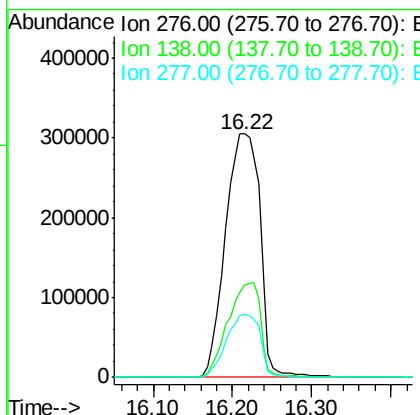
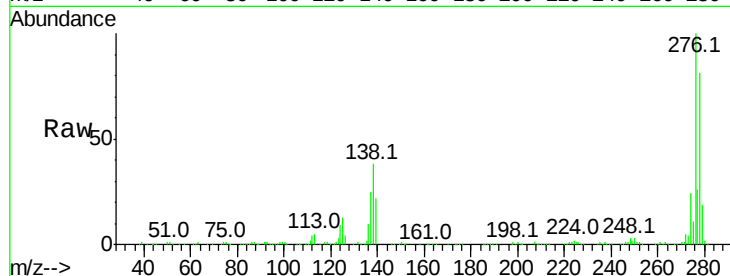




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 89.543 ng
 RT: 16.22 min Scan# 2436
 Delta R.T. 0.01 min
 Lab File: BF097023.D
 Acq: 25 Jul 2017 12:31

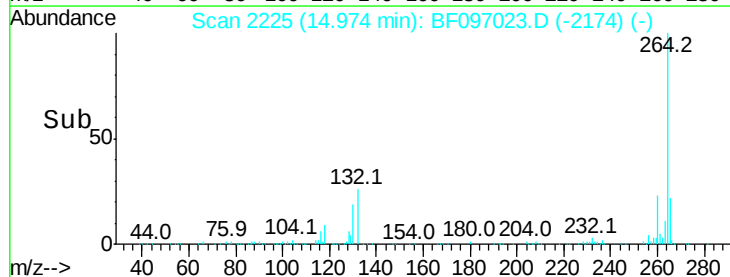
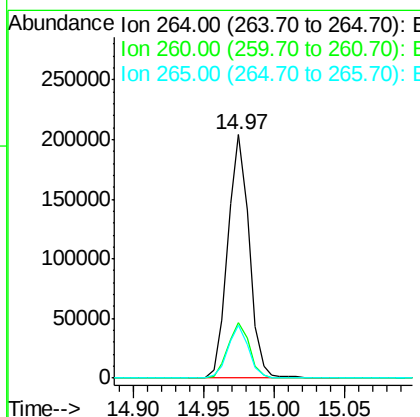
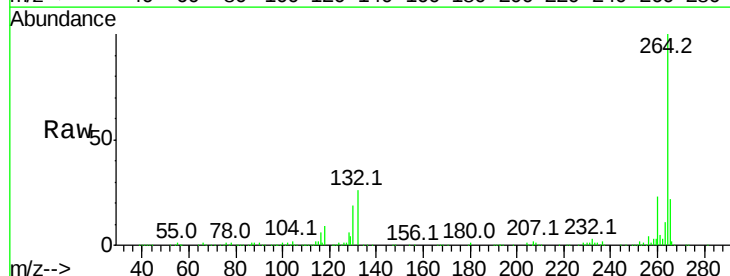
Instrument :
 BNA_F
 ClientSampleId :

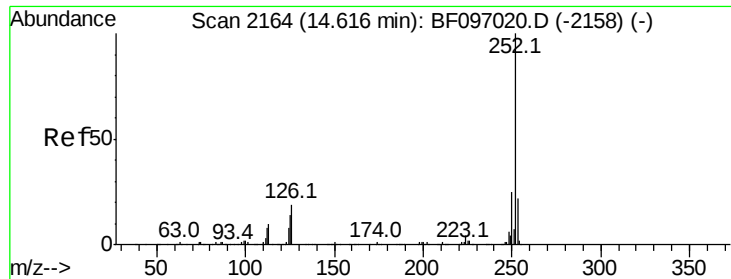
Tot Ion:276 Resp: 919324
 Ion Ratio Lower Upper
 276 100
 138 37.0 27.8 41.6
 277 25.2 20.2 30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.97 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF097023.D
 Acq: 25 Jul 2017 12:31

Tgt Ion:264 Resp: 215098
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.6 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 73.802 ng

RT: 14.62 min Scan# 2165

Delta R.T. 0.01 min

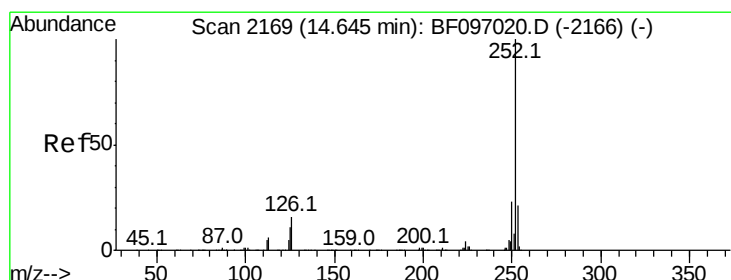
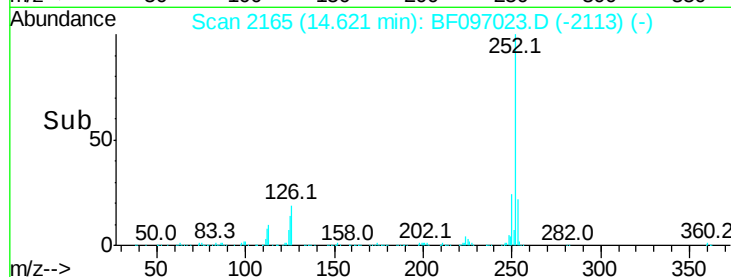
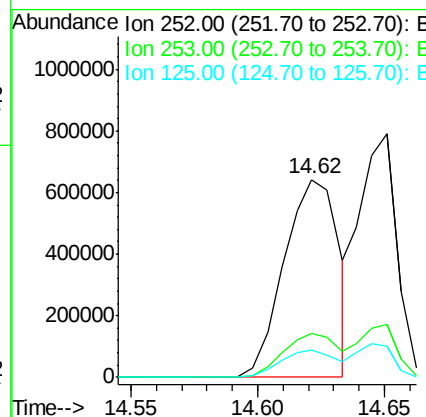
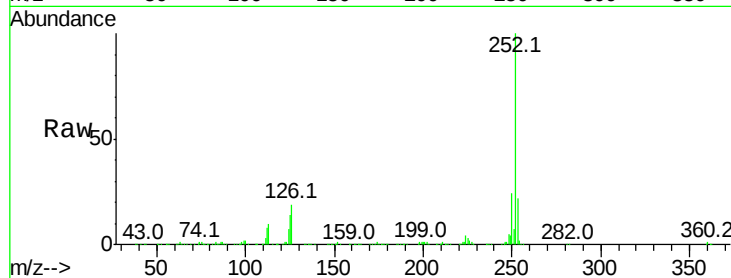
Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 957417

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	14.0	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 77.937 ng

RT: 14.62 min Scan# 2165

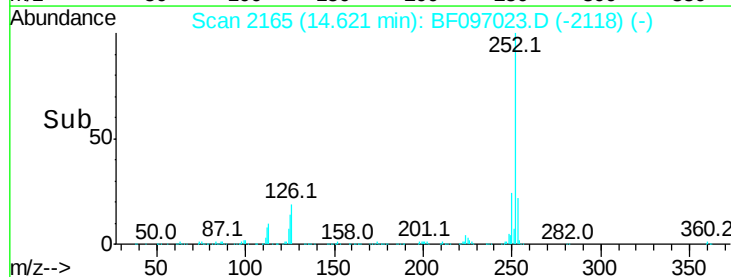
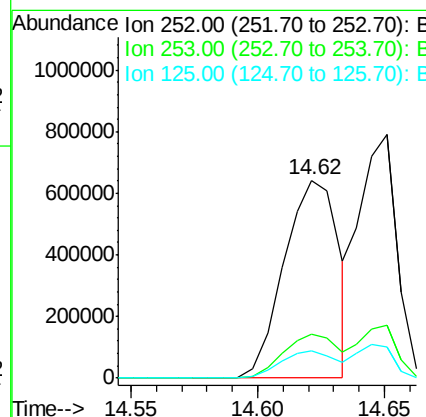
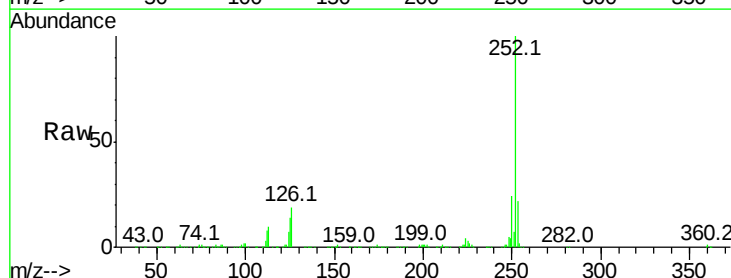
Delta R.T. -0.02 min

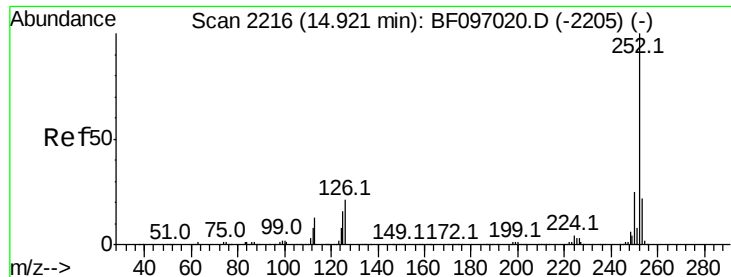
Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

Tgt Ion:252 Resp: 957417

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	14.0	13.1	19.7





#89

Benzo(a)pyrene

Concen: 71.353 ng

RT: 14.93 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

Instrument :

BNA_F

ClientSampleId :

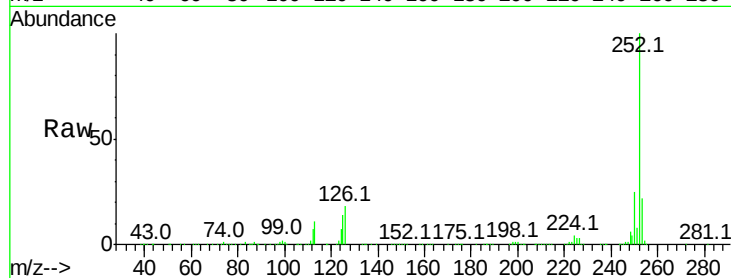
Tot Ion:252 Resp: 848986

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

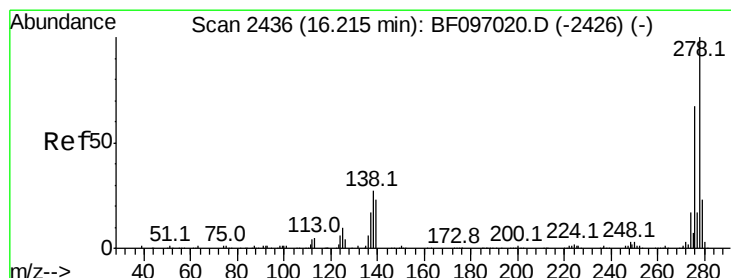
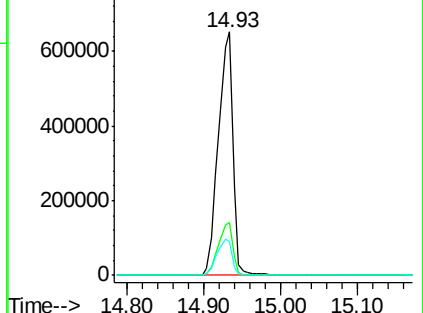
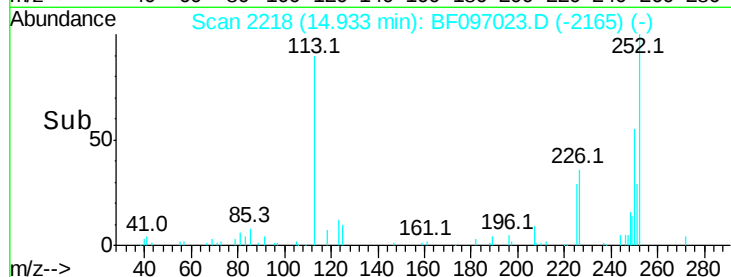
125 14.0 11.0 16.4



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: 66.432 ng

RT: 16.23 min Scan# 2438

Delta R.T. 0.01 min

Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

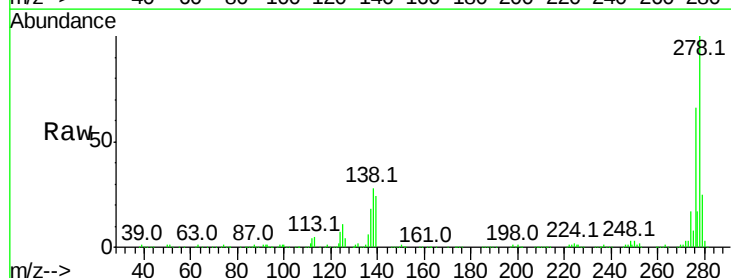
Tgt Ion:278 Resp: 727326

Ion Ratio Lower Upper

278 100

139 24.3 16.6 24.8

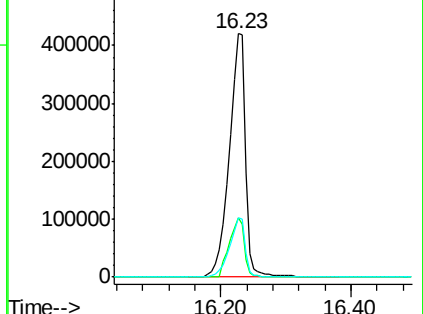
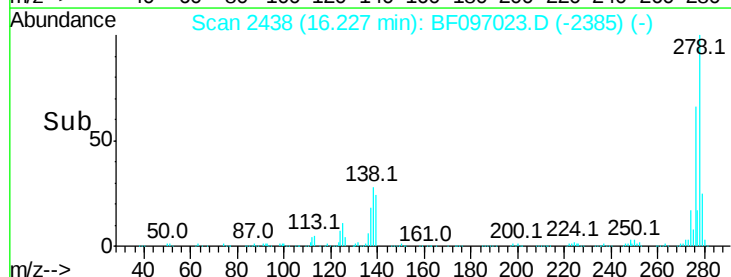
279 24.6 19.3 28.9

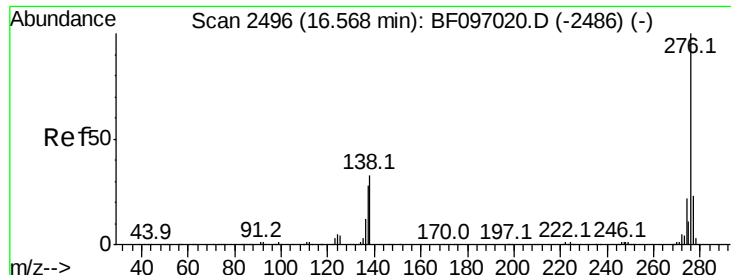


Abundance Ion 278.00 (277.70 to 278.70): E

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: 67.589 ng

RT: 16.59 min Scan# 2499

Delta R.T. 0.02 min

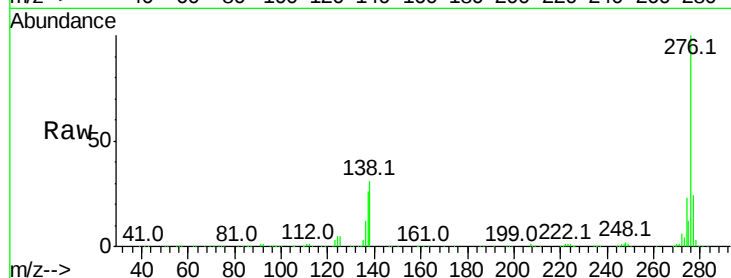
Lab File: BF097023.D

Acq: 25 Jul 2017 12:31

Instrument :

BNA_F

ClientSampleId :



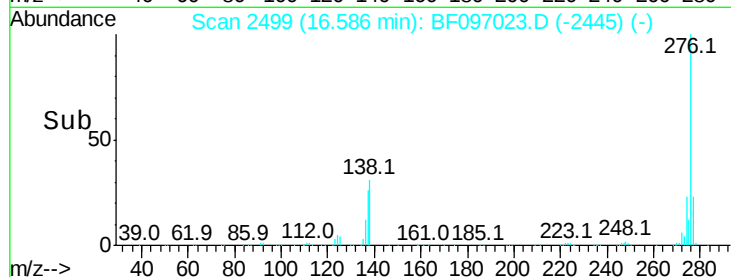
Tot Ion: 276 Resp: 792420

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 30.8 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

