

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097548.D
 Acq On : 10 Aug 2017 8:24
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 10 13:24:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	90365	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	372409	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	176510	20.00	ng	-0.02
63) Phenanthrene-d10	10.90	188	249170	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	134686	20.00	ng	-0.02
86) Perylene-d12	14.86	264	163508	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.99	112	565182	94.28	ng	-0.02
7) Phenol-d6	6.07	99	596298	87.14	ng	-0.01
23) Nitrobenzene-d5	6.97	82	492800	77.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	99681	71.48	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	841728	80.93	ng	-0.01
78) Terphenyl-d14	12.48	244	555880	84.15	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.86	88	96575	38.607	ng	# 73
3) Pyridine	2.45	79	299336	39.078	ng	# 60
4) n-Nitrosodimethylamine	2.42	42	171703	40.462	ng	81
6) Aniline	6.06	93	392926	45.628	ng	97
8) 2-Chlorophenol	6.19	128	288891	45.071	ng	91
9) Benzaldehyde	5.95	77	223349	55.140	ng	96
10) Phenol	6.09	94	367002	45.213	ng	96
11) bis(2-Chloroethyl)ether	6.15	93	281300	43.816	ng	90
12) 1,3-Dichlorobenzene	6.33	146	298531	43.218	ng	97
13) 1,4-Dichlorobenzene	6.42	146	292126	42.674	ng	97
14) 1,2-Dichlorobenzene	6.57	146	246513	41.243	ng	98
15) Benzyl Alcohol	6.57	79	194843	44.970	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.69	45	508176	39.465	ng	86
17) 2-Methylphenol	6.69	107	199617	40.352	ng	# 88
18) Hexachloroethane	6.90	117	97773	39.041	ng	# 80
19) n-Nitroso-di-n-propylamine	6.83	70	185965	41.284	ng	# 81
20) 3+4-Methylphenols	6.85	107	279846	43.313	ng	# 61
22) Acetophenone	6.82	105	355664	39.769	ng	# 99
24) Nitrobenzene	6.99	77	270132	40.858	ng	93
25) Isophorone	7.24	82	532875	42.863	ng	97
26) 2-Nitrophenol	7.31	139	159796	44.674	ng	# 86
27) 2,4-Dimethylphenol	7.37	122	250844	42.512	ng	98
28) bis(2-Chloroethoxy)methane	7.45	93	319218	39.347	ng	98
29) 2,4-Dichlorophenol	7.57	162	216221	42.537	ng	96
30) 1,2,4-Trichlorobenzene	7.63	180	192899	39.813	ng	98
31) Naphthalene	7.70	128	769650	43.842	ng	100
32) Benzoic acid	7.56	122	139378	31.634	ng	91
33) 4-Chloroaniline	7.77	127	326442	45.701	ng	99
34) Hexachlorobutadiene	7.83	225	111264	43.317	ng	97
35) Caprolactam	8.15	113	39626	24.311	ng	# 60
36) 4-Chloro-3-methylphenol	8.28	107	253423	45.698	ng	90
37) 2-Methylnaphthalene	8.39	142	483524	43.502	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	189298	40.193	ng	99
40) Hexachlorocyclopentadiene	8.55	237	12628	13.627	ng	92

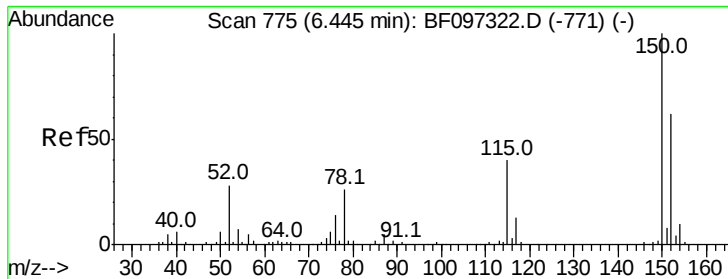
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.69	196	132786	38.906	ng	99
43) 2,4,5-Trichlorophenol	8.75	196	123598	36.180	ng	95
45) 1,1'-Biphenyl	8.86	154	626876	41.580	ng	98
46) 2-Chloronaphthalene	8.88	162	454122	40.932	ng	# 92
47) 2-Nitroaniline	8.99	65	178350	44.296	ng	97
48) Acenaphthylene	9.29	152	692931	40.691	ng	98
49) Dimethylphthalate	9.17	163	559638	41.752	ng	99
50) 2,6-Dinitrotoluene	9.24	165	114138	40.149	ng	# 79
51) Acenaphthene	9.46	154	411080	40.982	ng	100
52) 3-Nitroaniline	9.40	138	143206	40.583	ng	94
53) 2,4-Dinitrophenol	9.55	184	25797	19.958	ng	# 74
54) Dibenzofuran	9.63	168	566546	42.403	ng	93
55) 4-Nitrophenol	9.63	139	354362	168.867	ng	# 37
56) 2,4-Dinitrotoluene	9.65	165	150553	46.067	ng	# 68
57) Fluorene	9.97	166	414835	41.310	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.77	232	87151	36.948	ng	# 97
59) Diethylphthalate	9.87	149	547925	44.557	ng	100
60) 4-Chlorophenyl-phenylether	9.97	204	179611	43.314	ng	96
61) 4-Nitroaniline	10.02	138	127715	38.091	ng	93
62) Azobenzene	10.13	77	492017	43.129	ng	92
64) 4,6-Dinitro-2-methylphenol	10.06	198	41534	26.825	ng	90
65) n-Nitrosodiphenylamine	10.09	169	403219	46.509	ng	97
66) 4-Bromophenyl-phenylether	10.45	248	114350	45.986	ng	96
67) Hexachlorobenzene	10.52	284	120074	43.060	ng	# 90
68) Atrazine	10.63	200	105869	42.585	ng	94
69) Pentachlorophenol	10.73	266	65117	56.439	ng	97
70) Phenanthrene	10.92	178	548838	41.110	ng	100
71) Anthracene	10.97	178	555127	40.597	ng	98
72) Carbazole	11.14	167	532241	39.578	ng	99
73) Di-n-butylphthalate	11.48	149	756804	45.527	ng	98
74) Fluoranthene	12.10	202	441764	33.777	ng	98
76) Benzidine	12.24	184	143164	28.647	ng	# 93
77) Pyrene	12.33	202	455138	41.277	ng	97
79) Butylbenzylphthalate	12.96	149	242917	43.310	ng	# 78
80) Benzo(a)anthracene	13.51	228	343558	39.423	ng	99
81) 3,3'-Dichlorobenzidine	13.48	252	133407	40.594	ng	# 97
82) Chrysene	13.55	228	381640	44.848	ng	100
83) Bis(2-ethylhexyl)phthalate	13.52	149	299173	40.853	ng	98
84) Di-n-octyl phthalate	14.13	149	616964	45.909	ng	# 91
85) Indeno(1,2,3-cd)pyrene	16.04	276	314836	43.147	ng	96
87) Benzo(b)fluoranthene	14.52	252	413746	42.095	ng	99
88) Benzo(k)fluoranthene	14.81	252	310527	33.155	ng	97
89) Benzo(a)pyrene	14.81	252	360246	40.047	ng	99
90) Dibenzo(a,h)anthracene	16.04	278	264066	35.797	ng	96
91) Benzo(g,h,i)perylene	16.39	276	257184	33.246	ng	98

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

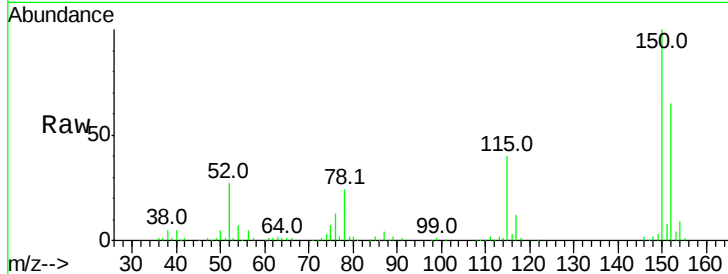


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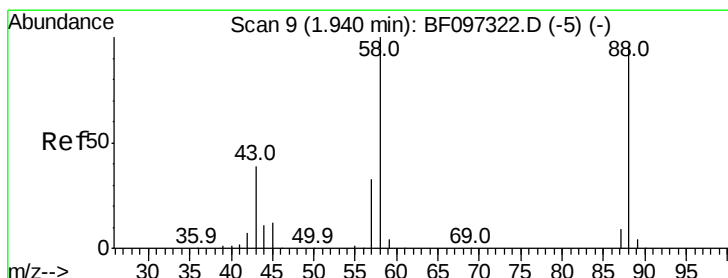
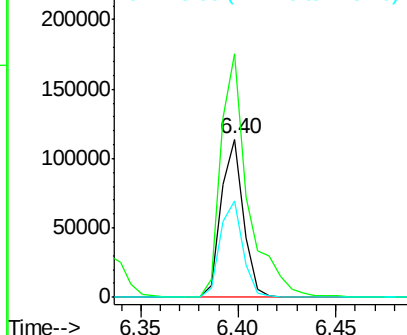
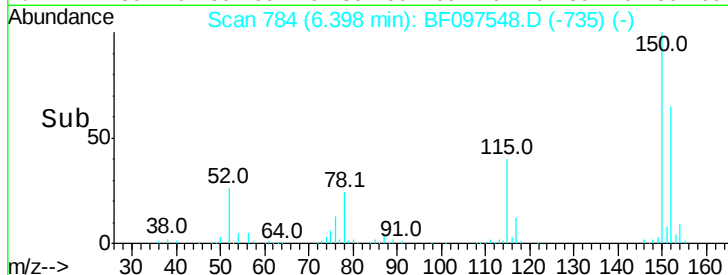
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90365
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.2
115 61.4 52.2 78.2



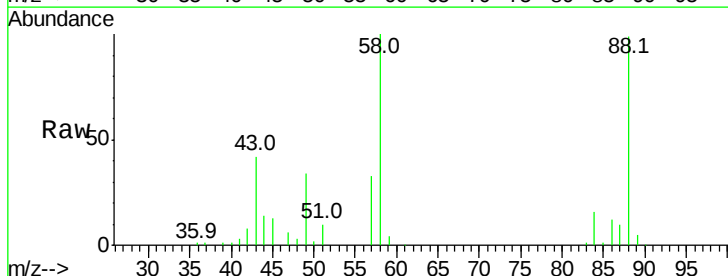
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



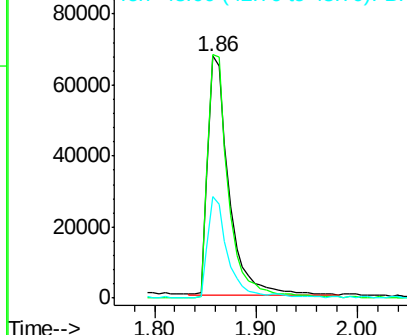
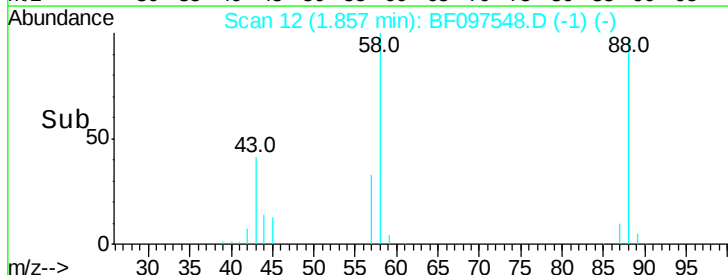
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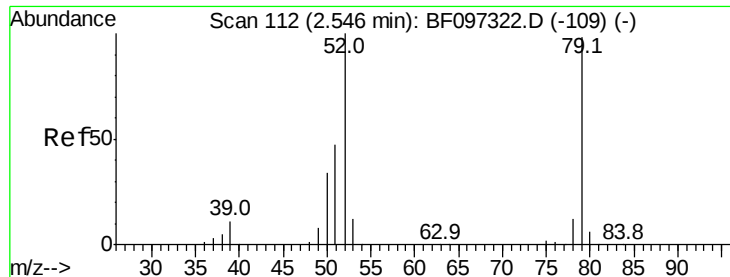
1,4-Dioxane
Concen: 38.607 ng
RT: 1.86 min Scan# 12
Delta R.T. -0.04 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

Tgt Ion: 88 Resp: 96575
Ion Ratio Lower Upper
88 100
58 102.0 61.4 92.0#
43 39.6 23.4 35.0#



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





#3

Pvridine

Concen: 39.078 ng

RT: 2.45 min Scan# 113

Delta R.T. -0.04 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

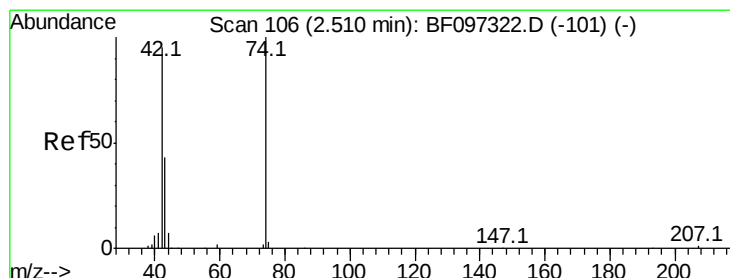
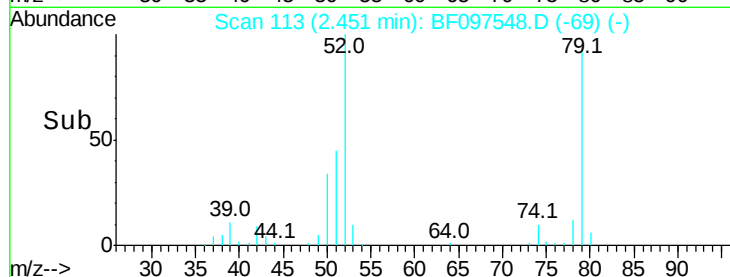
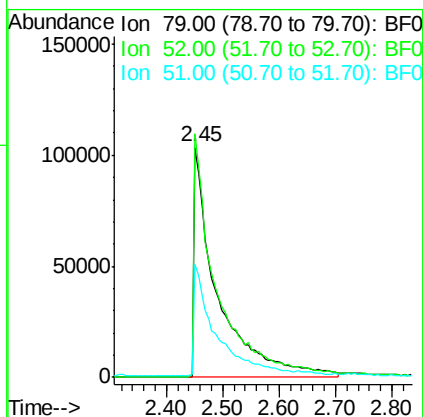
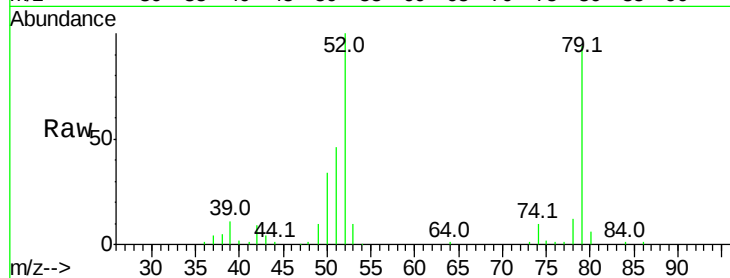
Instrument :

BNA_F

ClientSampled :

Tot Ion: 79 Resp: 299336

Ion	Ratio	Lower	Upper
79	100		
52	106.0	54.8	82.2#
51	49.2	27.0	40.4#



#4

n-Nitrosodimethylamine

Concen: 40.462 ng

RT: 2.42 min Scan# 107

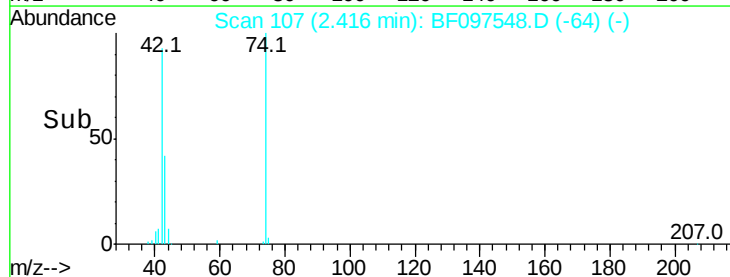
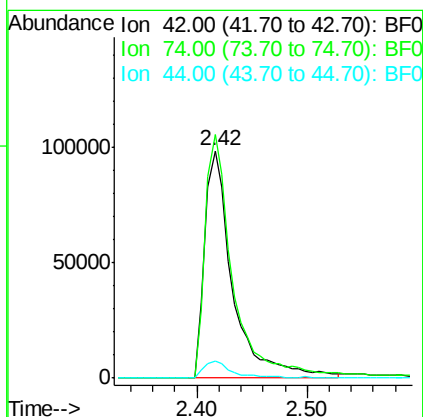
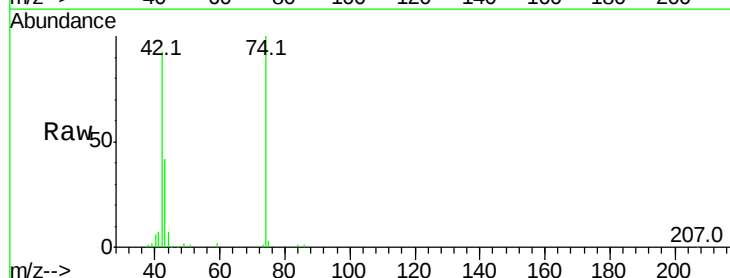
Delta R.T. -0.05 min

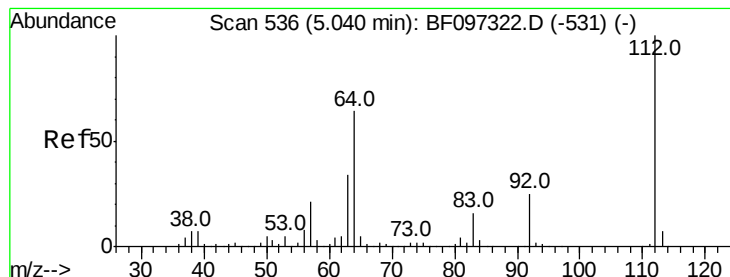
Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

Tgt Ion: 42 Resp: 171703

Ion	Ratio	Lower	Upper
42	100		
74	107.0	103.9	155.9
44	7.6	5.7	8.5





#5

2-Fluorophenol

Concen: 94.285 ng

RT: 4.99 min Scan# 544

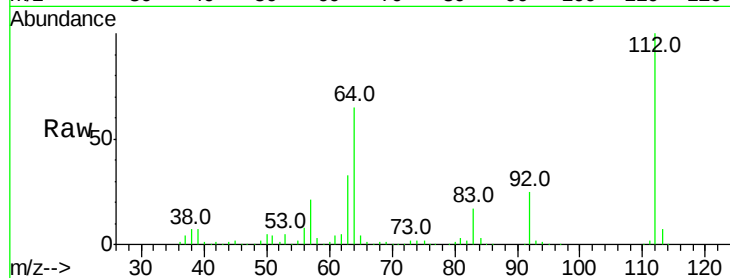
Delta R.T. -0.02 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

Instrument :
BNA_F
ClientSampled :

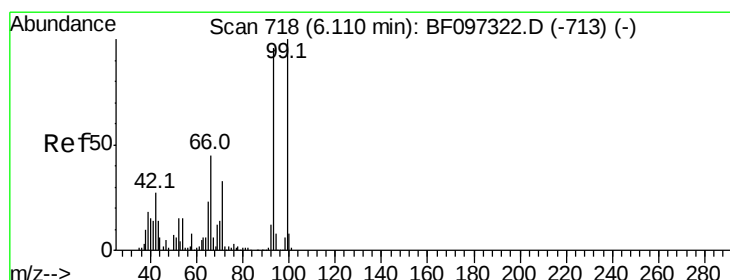
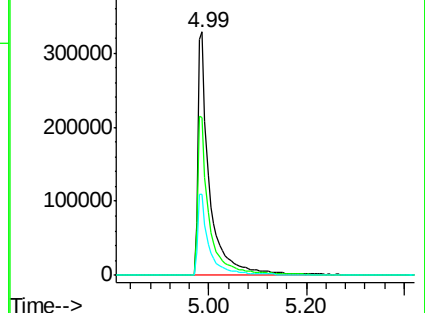
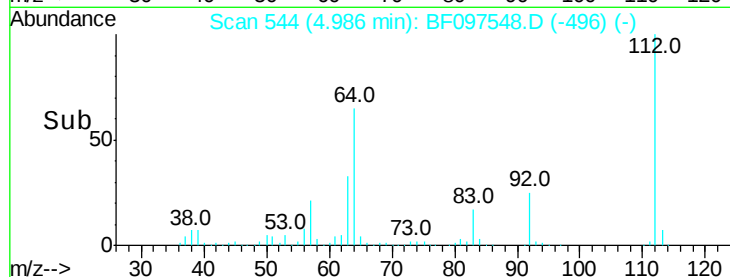
Tot Ion:	112	Resp:	565182
Ion	Ratio	Lower	Upper
112	100		
64	64.8	46.0	69.0
63	33.3	23.4	35.0



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: 45.628 ng

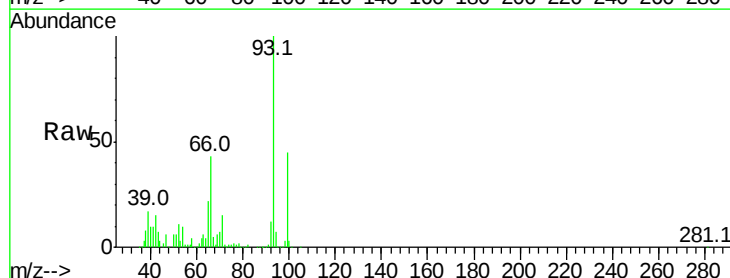
RT: 6.06 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

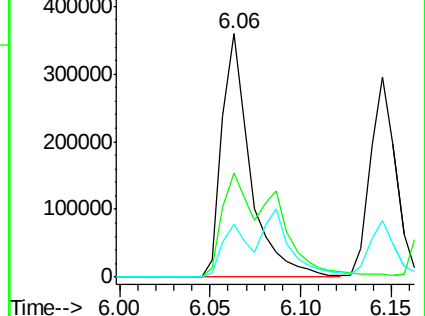
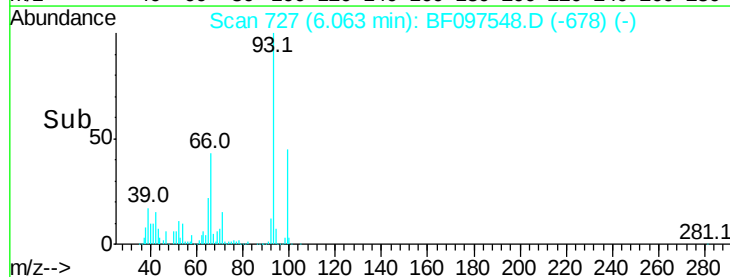
Tgt Ion:	93	Resp:	392926
Ion	Ratio	Lower	Upper
93	100		
66	42.9	32.9	49.3
65	21.7	16.0	24.0

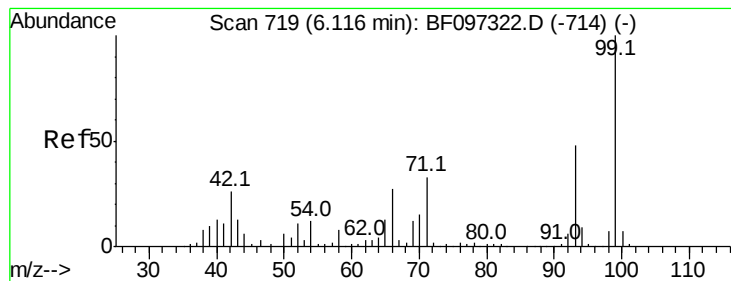


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 87.136 ng

RT: 6.07 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

Instrument :

BNA_F

ClientSampleId :

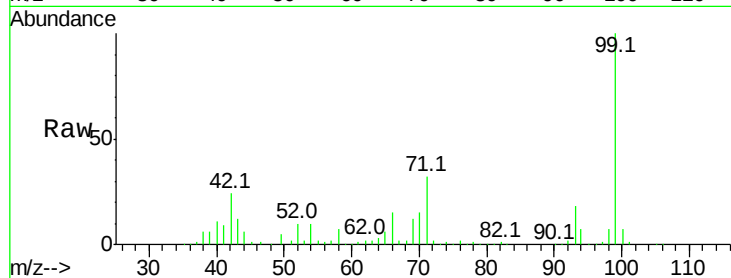
Tot Ion: 99 Resp: 596298

Ion Ratio Lower Upper

99 100

42 24.0 13.5 20.3#

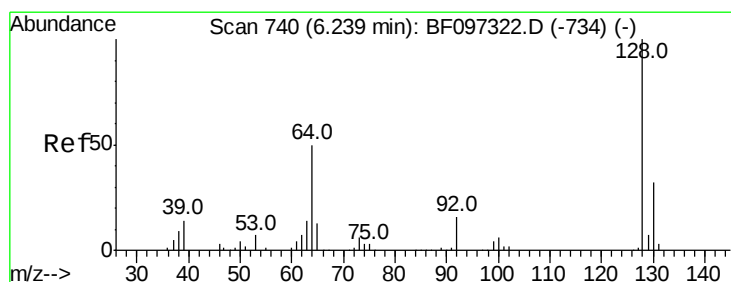
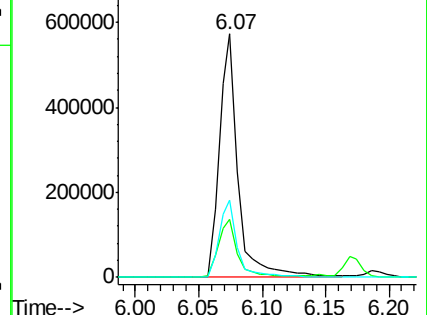
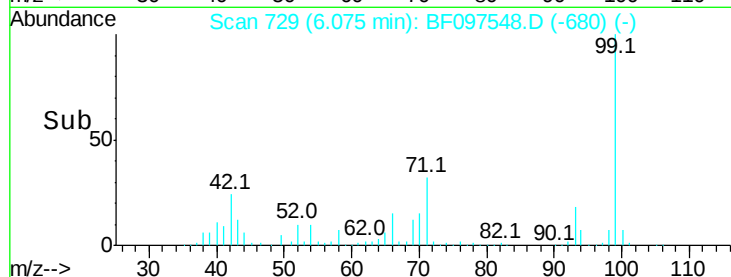
71 31.9 24.5 36.7



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: 45.071 ng

RT: 6.19 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

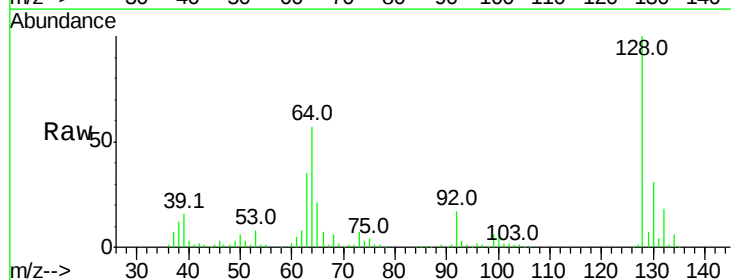
Tgt Ion: 128 Resp: 288891

Ion Ratio Lower Upper

128 100

130 31.0 12.9 52.9

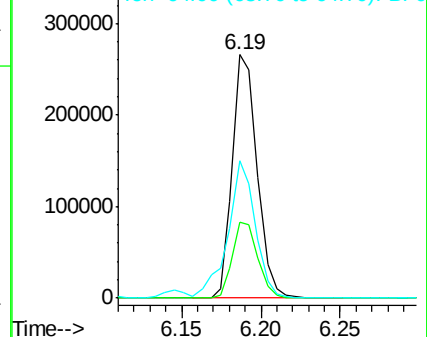
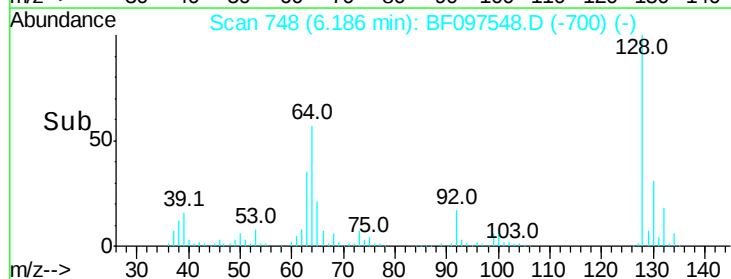
64 56.7 28.4 68.4

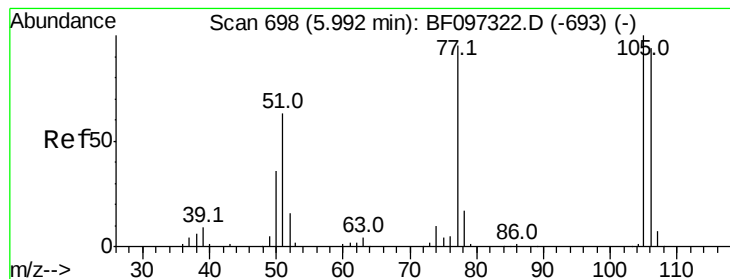


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 55.140 ng

RT: 5.95 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

Instrument :

BNA_F

ClientSampled :

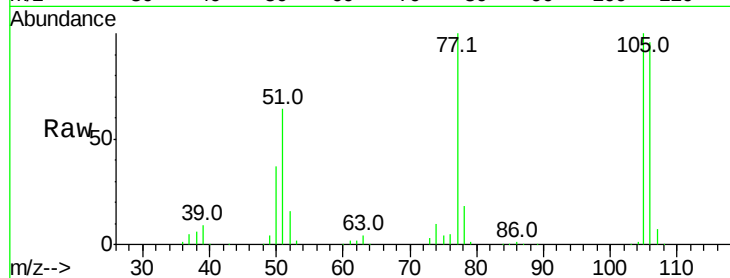
Tot Ion: 77 Resp: 223349

Ion Ratio Lower Upper

77 100

105 99.9 83.8 123.8

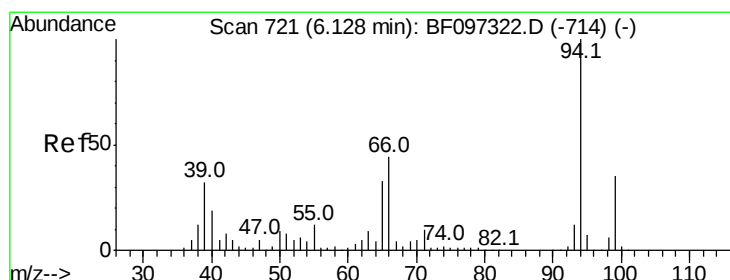
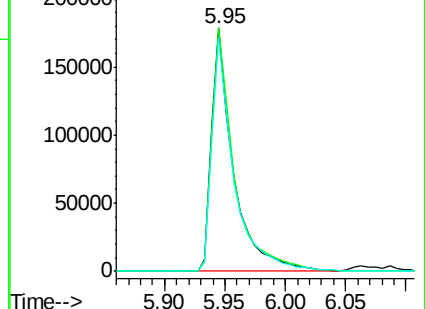
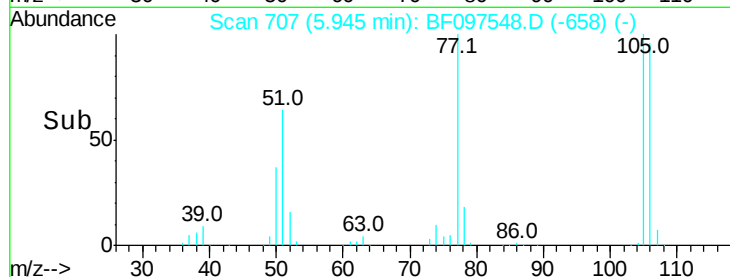
106 95.7 79.1 119.1



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: 45.213 ng

RT: 6.09 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

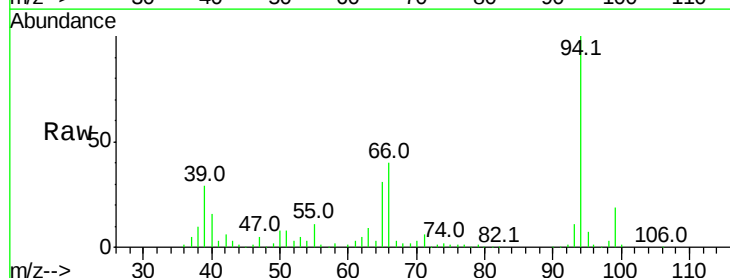
Tgt Ion: 94 Resp: 367002

Ion Ratio Lower Upper

94 100

65 31.1 9.9 49.9

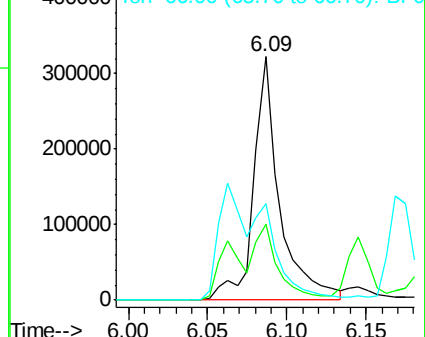
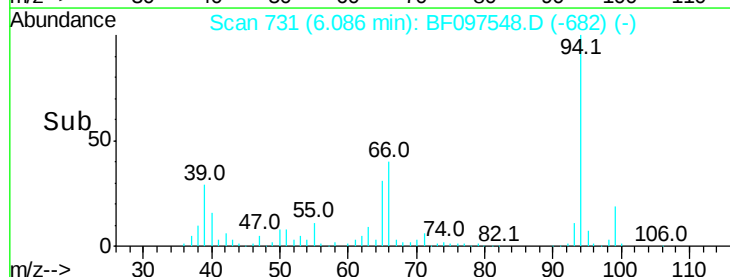
66 39.6 23.1 63.1

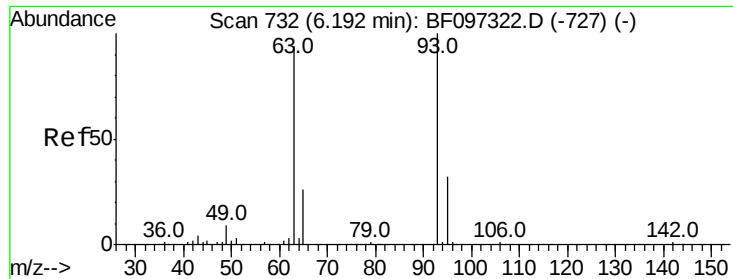


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.816 ng

RT: 6.15 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

Instrument :

BNA_F

ClientSampleId :

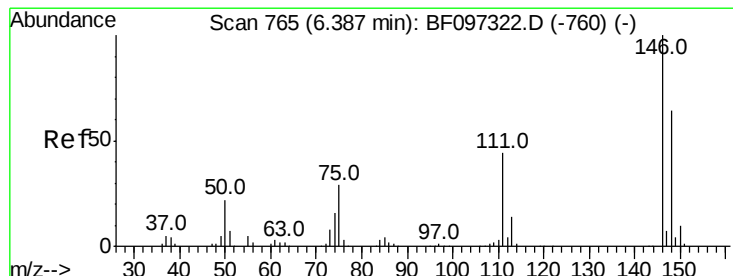
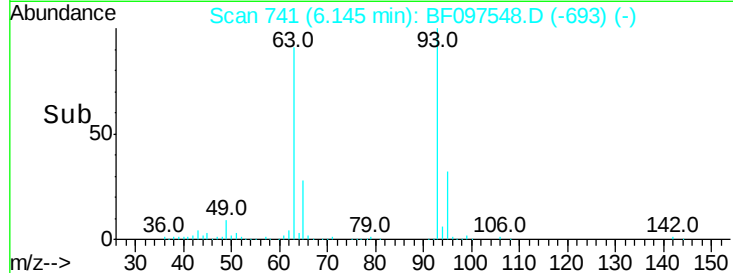
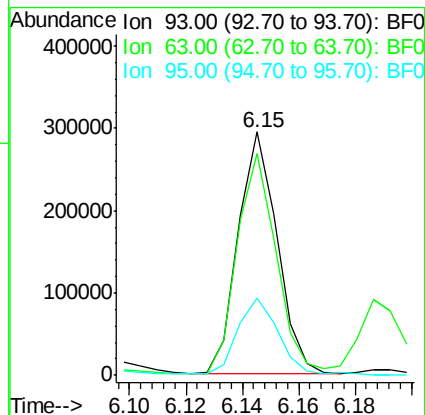
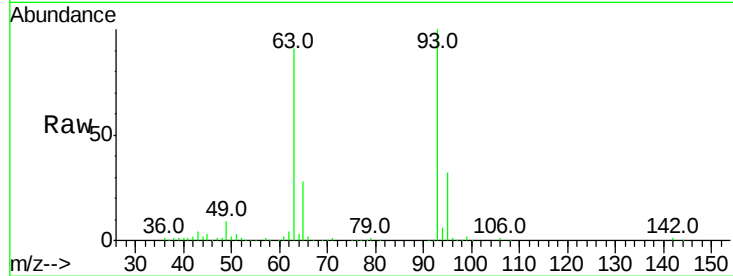
Tot Ion: 93 Resp: 281300

Ion Ratio Lower Upper

93 100

63 91.1 59.2 99.2

95 31.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 43.218 ng

RT: 6.33 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

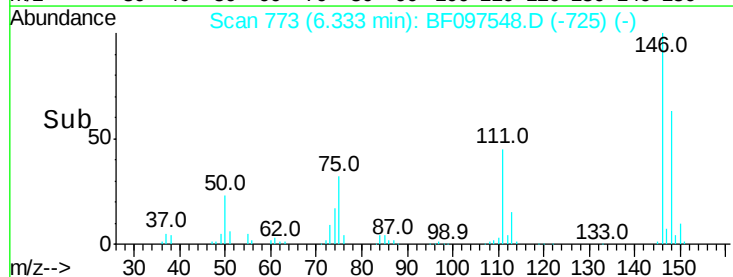
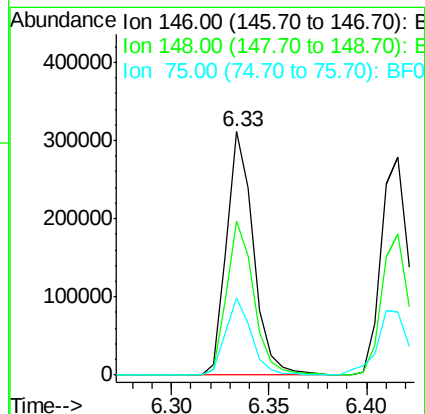
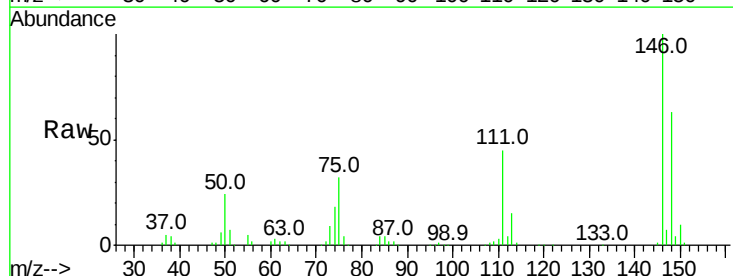
Tgt Ion: 146 Resp: 298531

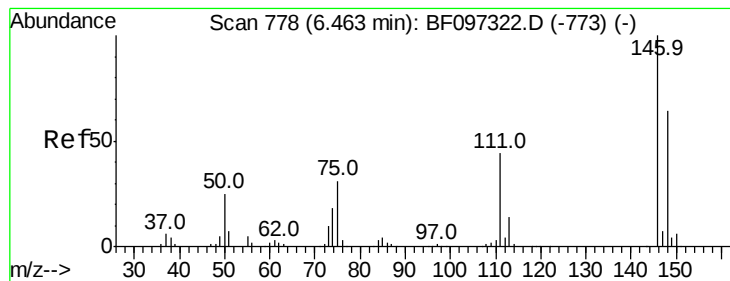
Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.6

75 31.6 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 42.674 ng

RT: 6.42 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

Instrument :

BNA_F

ClientSampleId :

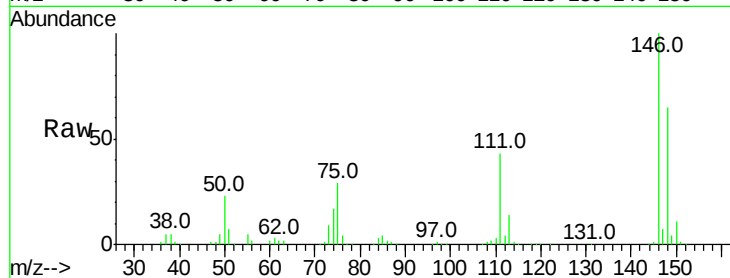
Tot Ion:146 Resp: 292126

Ion Ratio Lower Upper

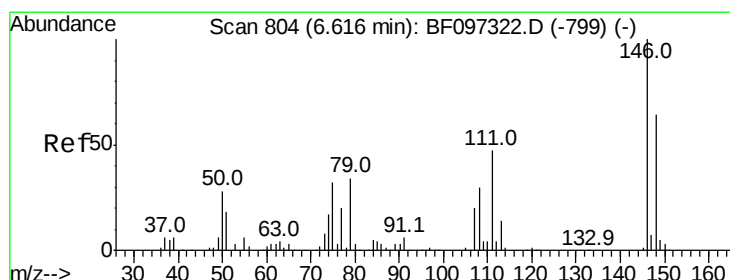
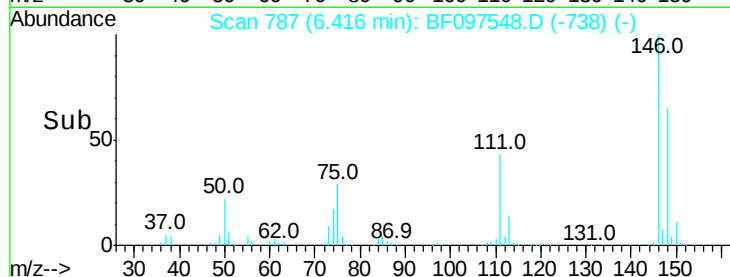
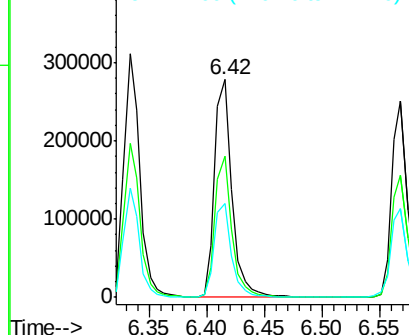
146 100

148 64.6 52.2 78.2

111 42.9 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 41.243 ng

RT: 6.57 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

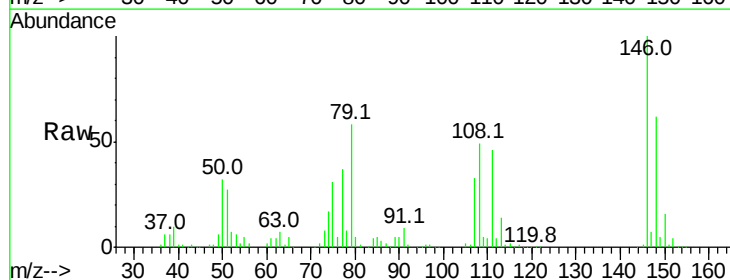
Tgt Ion:146 Resp: 246513

Ion Ratio Lower Upper

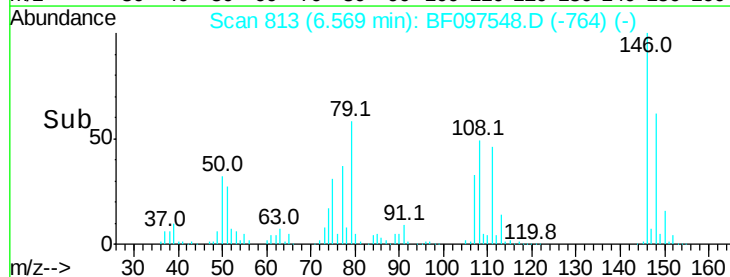
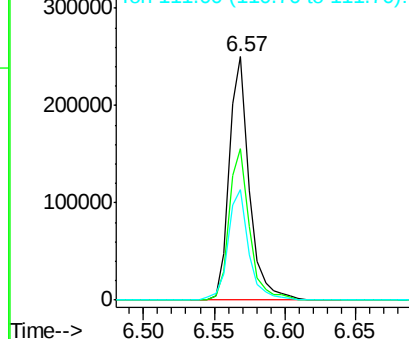
146 100

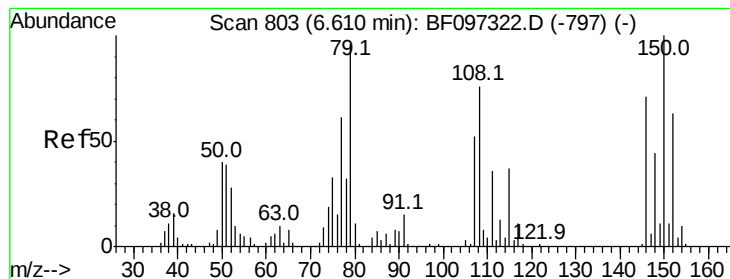
148 62.1 50.4 75.6

111 45.5 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 44.970 ng

RT: 6.57 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

Instrument :

BNA_F

ClientSampleId :

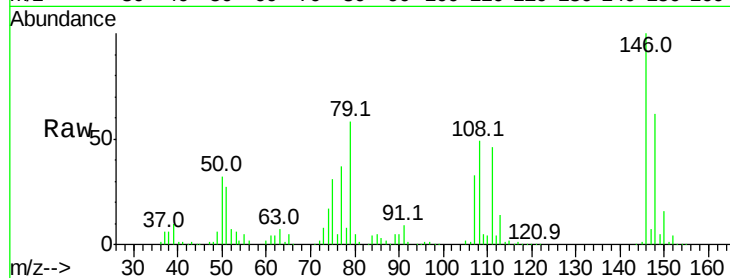
Tot Ion: 79 Resp: 194843

Ion Ratio Lower Upper

79 100

108 84.0 63.4 95.0

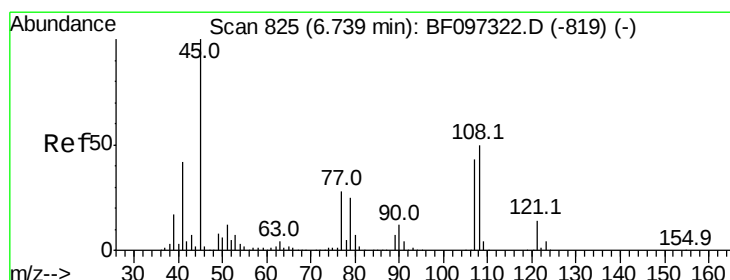
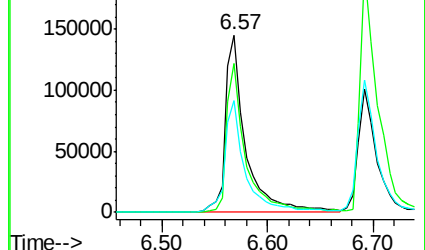
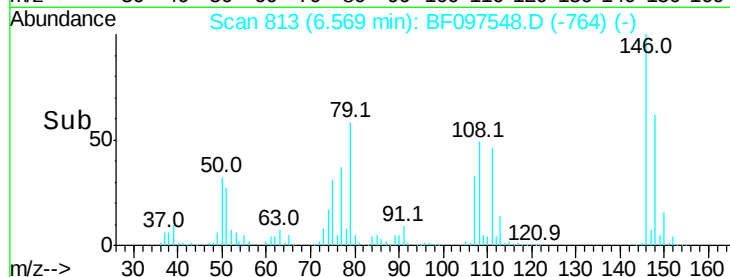
77 63.0 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.465 ng

RT: 6.69 min Scan# 833

Delta R.T. -0.02 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

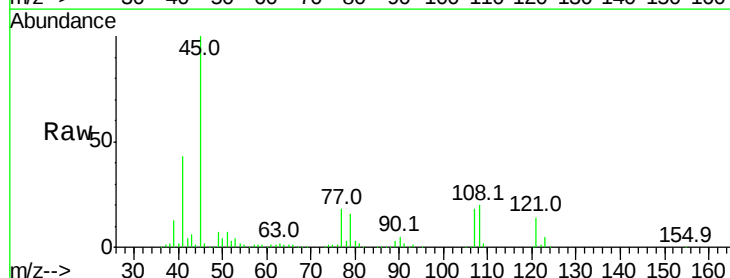
Tgt Ion: 45 Resp: 508176

Ion Ratio Lower Upper

45 100

77 18.3 0.0 33.2

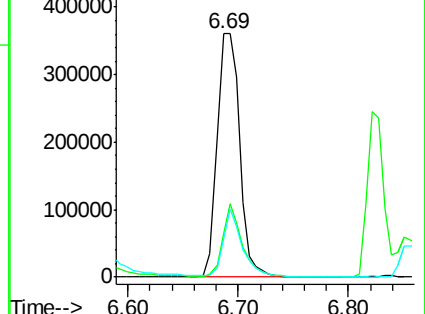
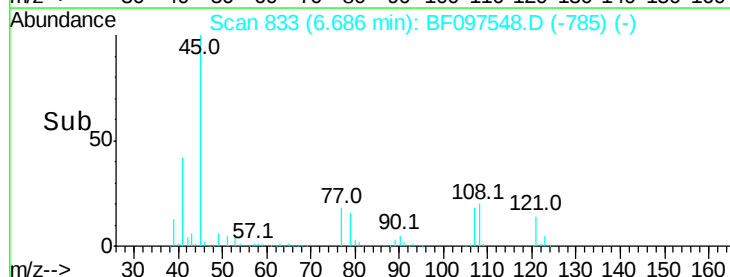
79 15.8 0.0 30.0

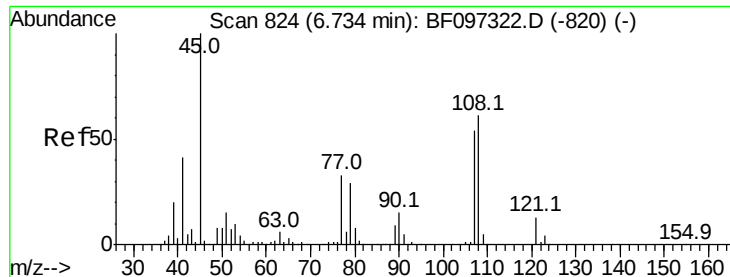


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.352 ng

RT: 6.69 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 199617

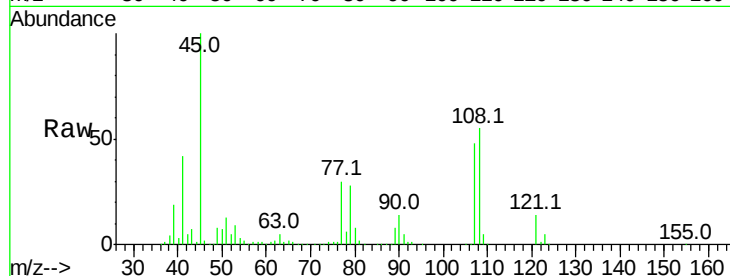
Ion Ratio Lower Upper

107 100

108 115.2 93.4 140.0

77 62.5 35.8 53.6#

79 58.1 34.8 52.2#

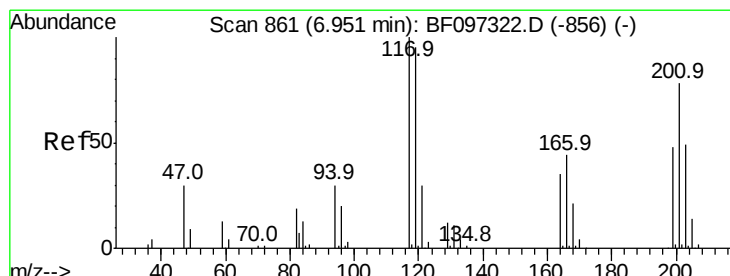
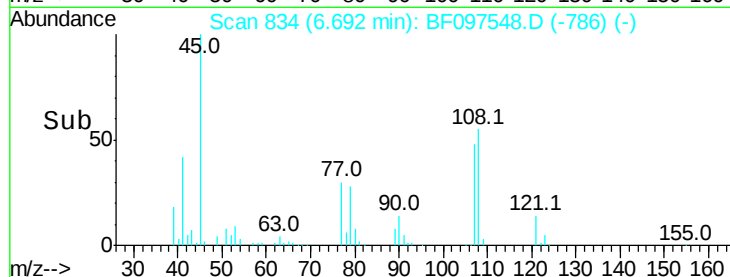
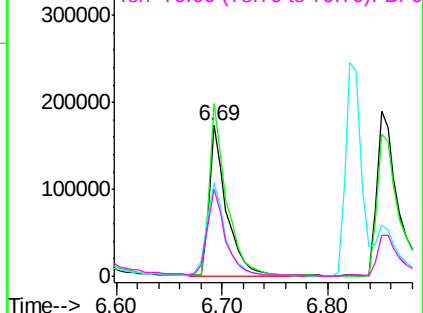


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.041 ng

RT: 6.90 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

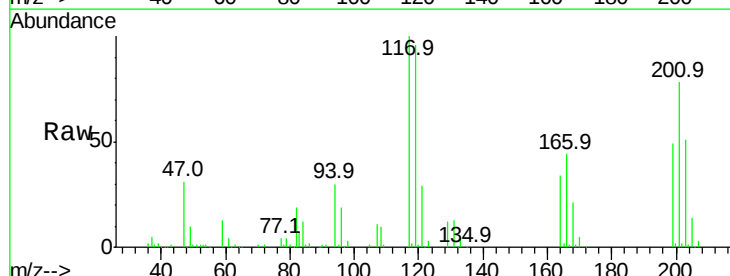
Tgt Ion:117 Resp: 97773

Ion Ratio Lower Upper

117 100

119 95.9 77.4 116.0

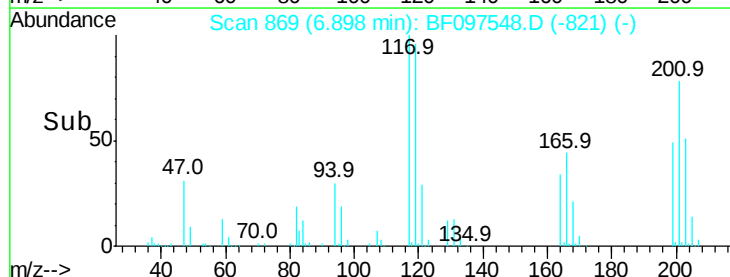
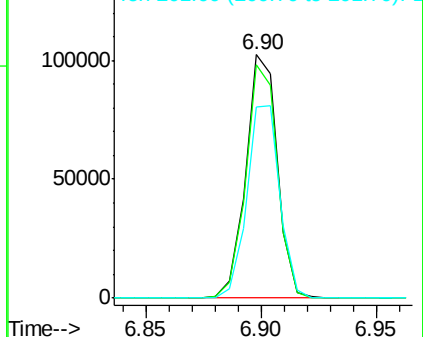
201 78.4 94.6 141.8#

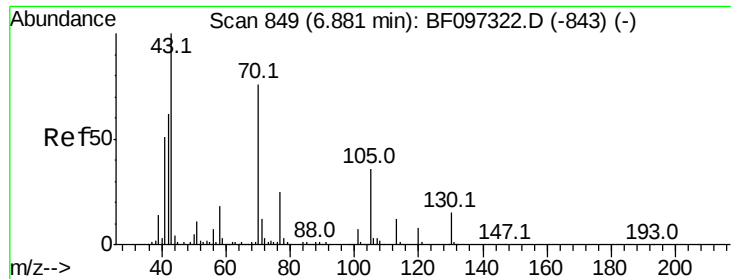


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

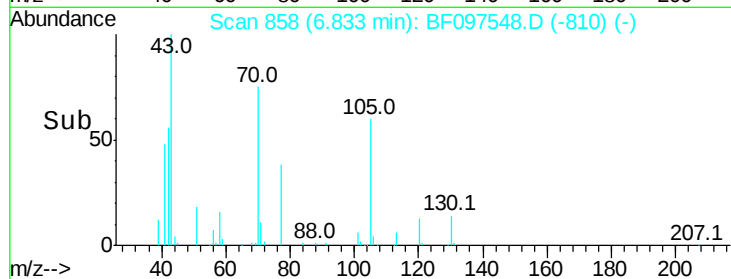
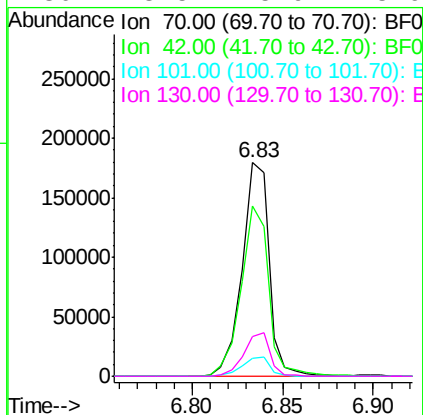
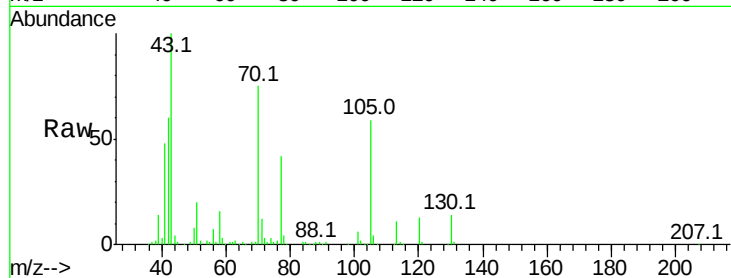




#19
n-Nitroso-di-n-propylamine
Concen: 41.284 ng
RT: 6.83 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

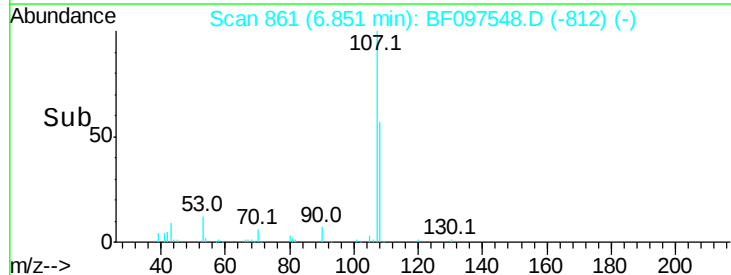
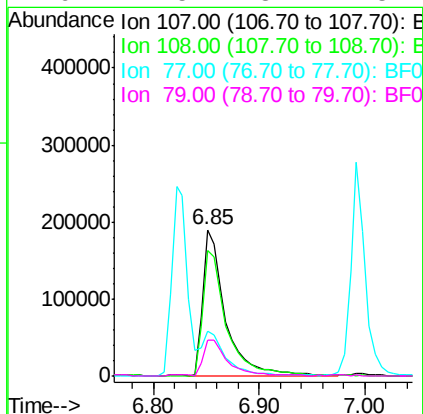
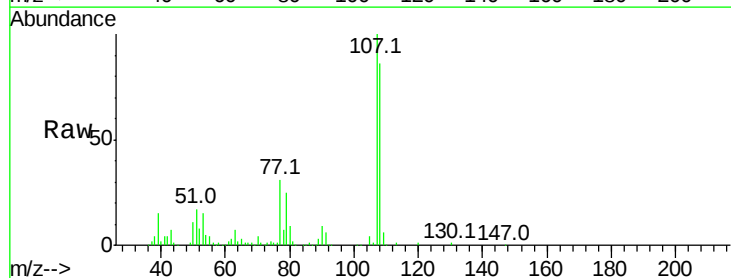
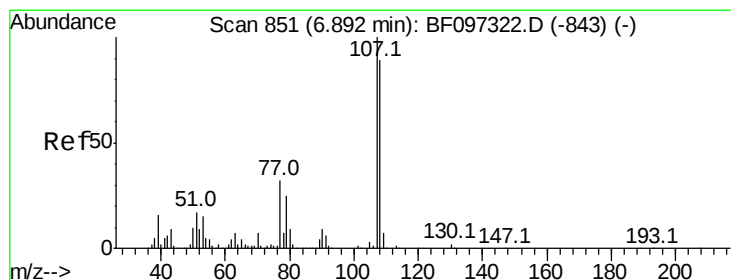
Instrument :
BNA_F
ClientSampled :

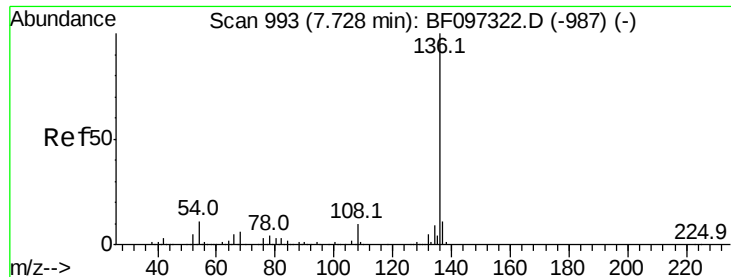
Tot Ion: 70 Resp: 185965
Ion Ratio Lower Upper
70 100
42 79.5 47.2 70.8#
101 8.3 7.2 10.8
130 18.5 15.9 23.9



#20
3+4-Methylphenols
Concen: 43.313 ng
RT: 6.85 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

Tgt Ion: 107 Resp: 279846
Ion Ratio Lower Upper
107 100
108 85.9 71.0 111.0
77 30.9 90.5 130.5#
79 24.5 8.4 48.4

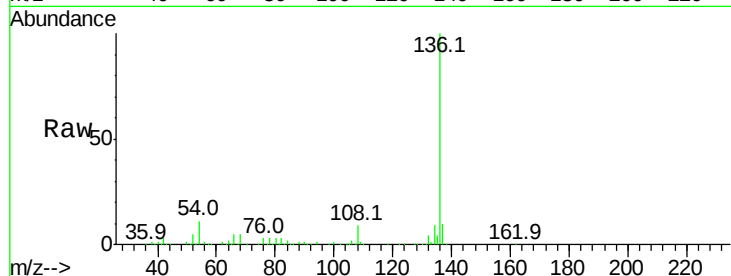




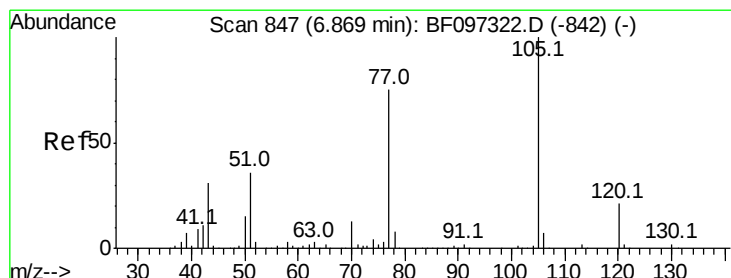
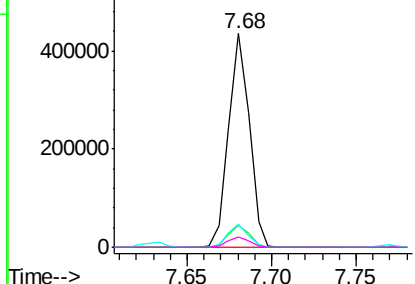
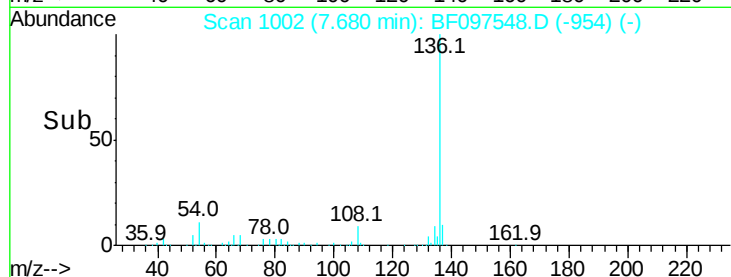
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.68 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	372409
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.5 12.7
54	10.5	4.9 7.3#
68	4.8	4.1 6.1

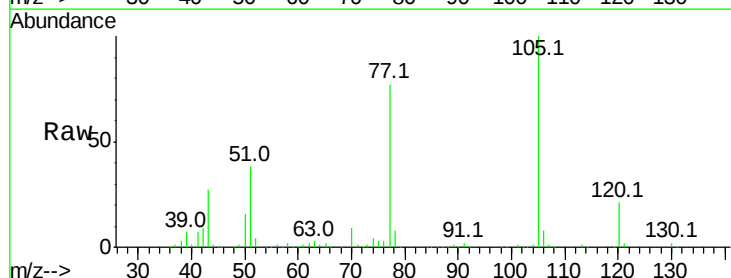


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

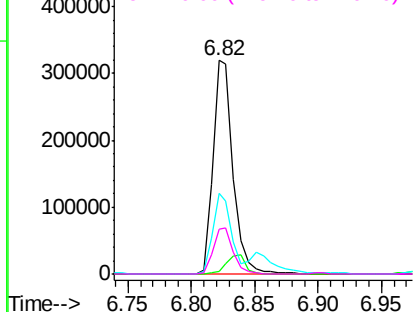
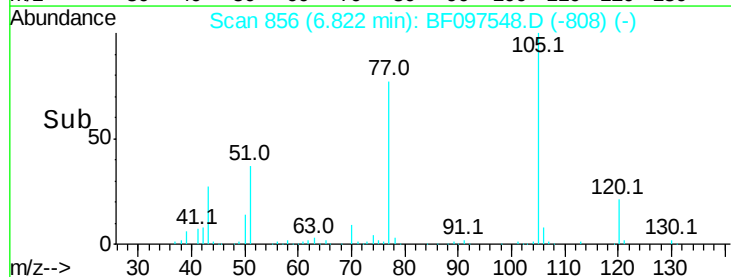


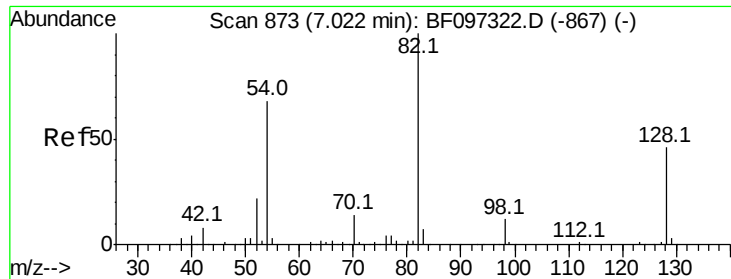
#22
Acetophenone
Concen: 39.769 ng
RT: 6.82 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

Tgt Ion:105	Resp:	355664
Ion Ratio	Lower	Upper
105	100	
71	1.5	2.8 4.2#
51	37.6	30.7 46.1
120	21.2	17.4 26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

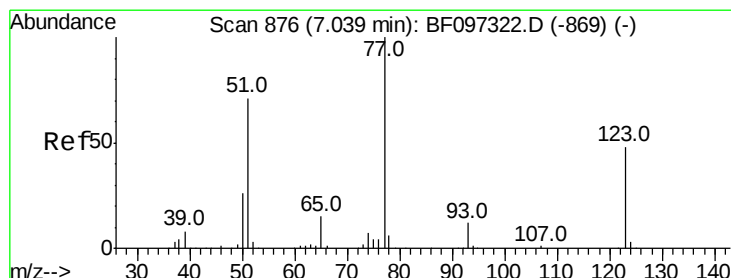
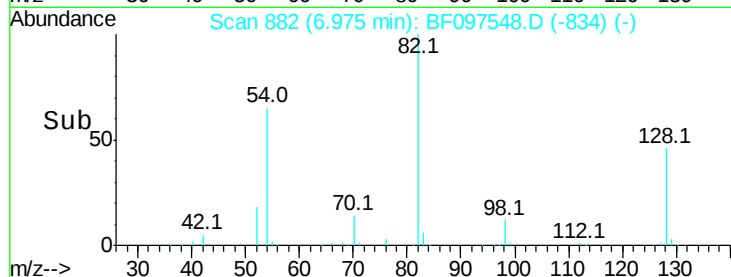
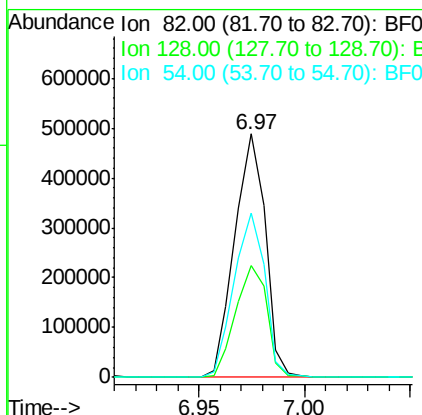
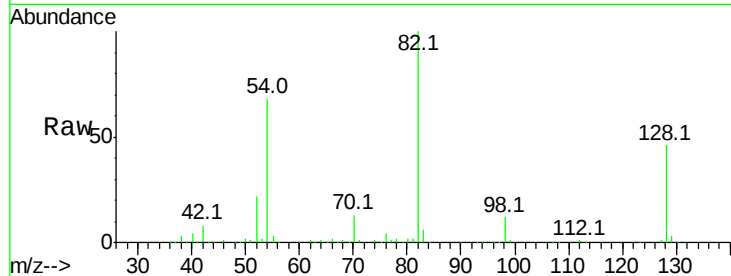




#23
 Nitrobenzene-d5
 Concen: 77.629 ng
 RT: 6.97 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF097548.D
 Acq: 10 Aug 2017 8:24

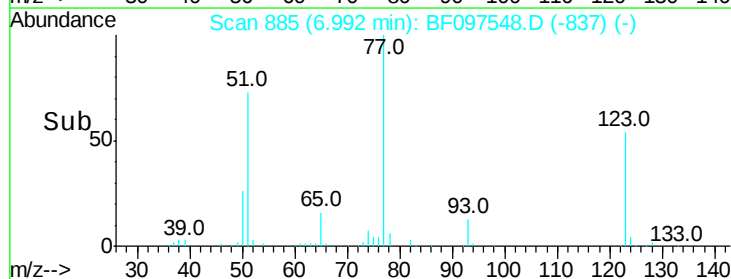
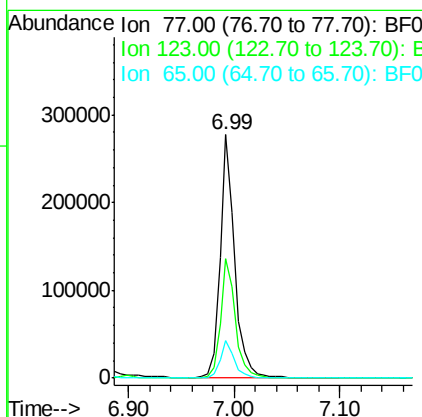
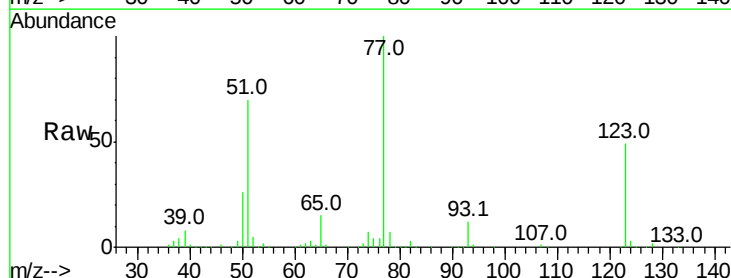
Instrument :
 BNA_F
 ClientSampleId :

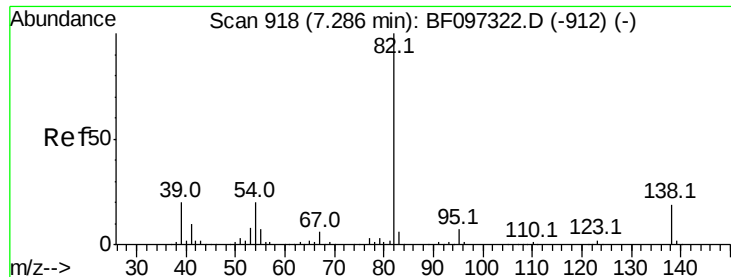
Tot Ion: 82 Resp: 492800
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.0 51.0
 54 67.5 42.2 63.2#



#24
 Nitrobenzene
 Concen: 40.858 ng
 RT: 6.99 min Scan# 885
 Delta R.T. -0.02 min
 Lab File: BF097548.D
 Acq: 10 Aug 2017 8:24

Tgt Ion: 77 Resp: 270132
 Ion Ratio Lower Upper
 77 100
 123 49.3 35.8 53.8
 65 15.3 10.6 15.8





#25

Isophorone

Concen: 42.863 ng

RT: 7.24 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

Instrument :
BNA_F
ClientSampled :

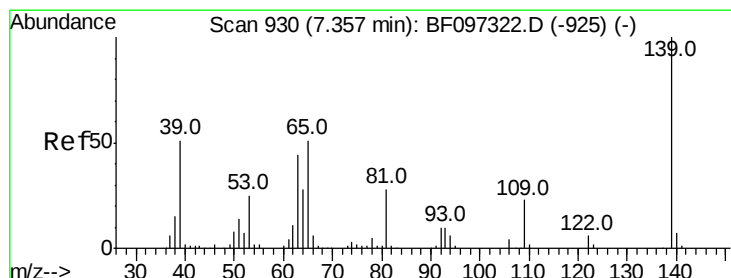
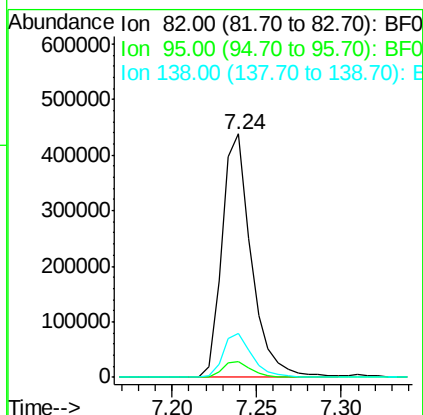
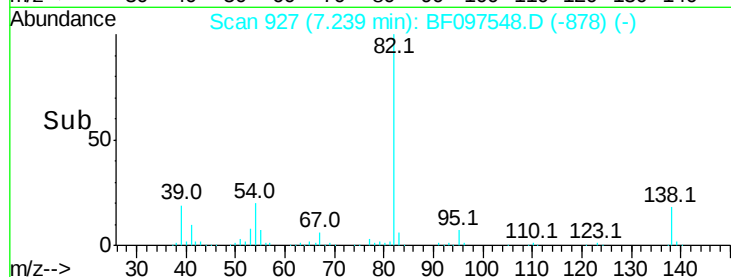
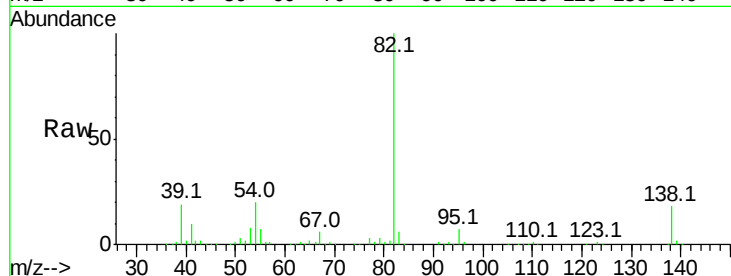
Tot Ion: 82 Resp: 532875

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 18.2 13.1 19.7



#26

2-Nitrophenol

Concen: 44.674 ng

RT: 7.31 min Scan# 939

Delta R.T. -0.02 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

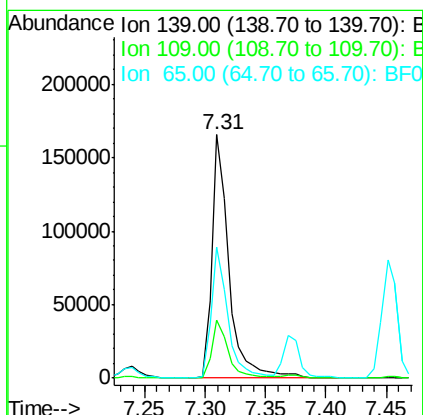
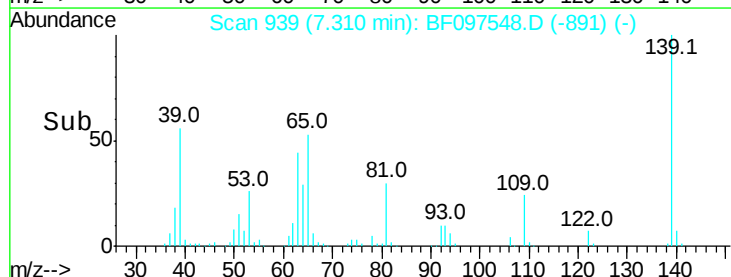
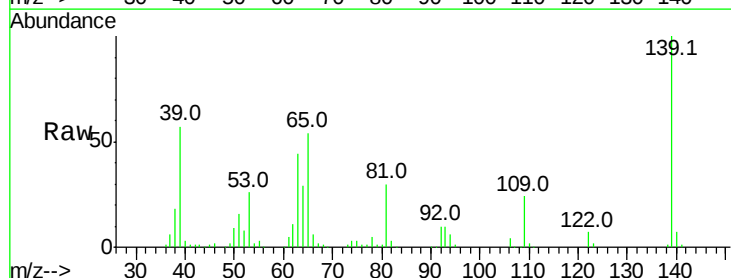
Tgt Ion:139 Resp: 159796

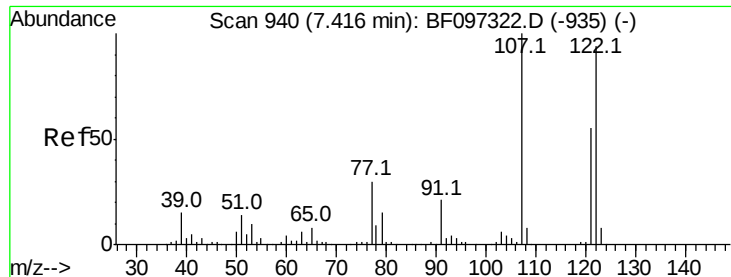
Ion Ratio Lower Upper

139 100

109 23.9 21.0 31.6

65 53.7 33.0 49.6#

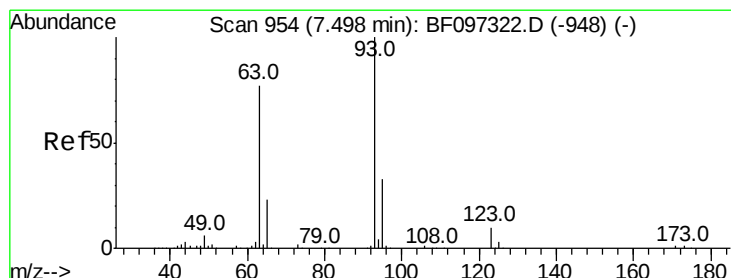
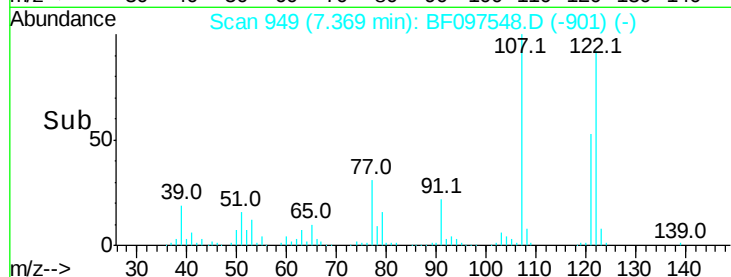
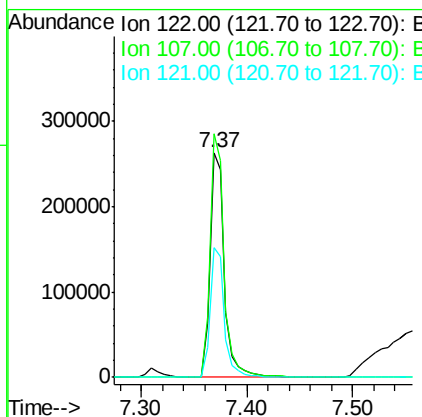
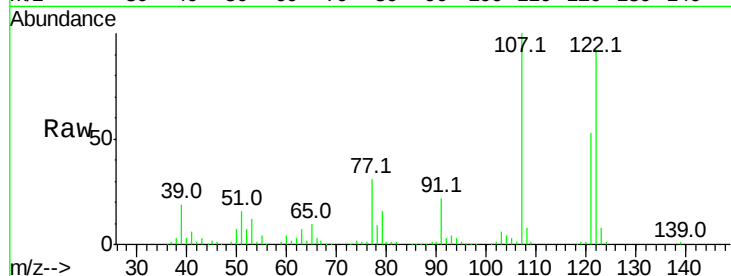




#27
 2,4-Dimethylphenol
 Concen: 42.512 ng
 RT: 7.37 min Scan# 949
 Delta R.T. -0.02 min
 Lab File: BF097548.D
 Acq: 10 Aug 2017 8:24

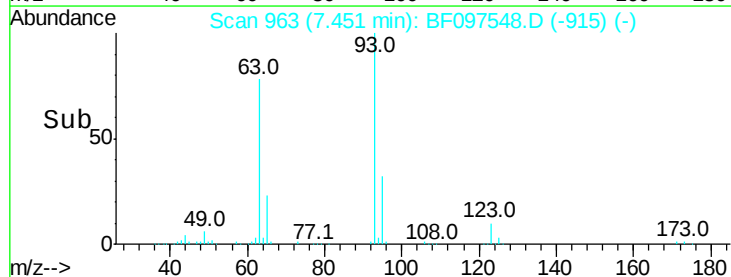
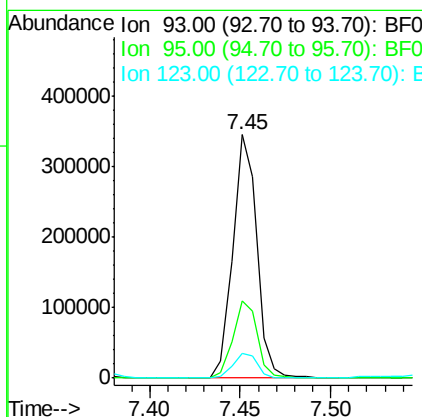
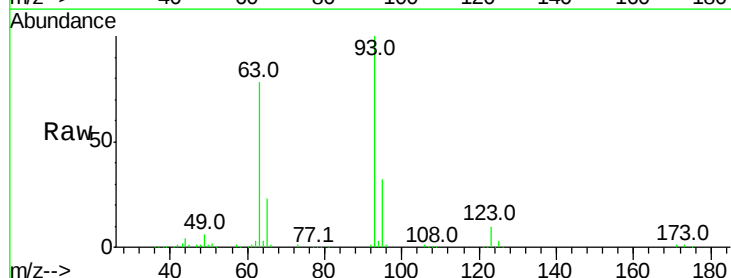
Instrument :
 BNA_F
 ClientSampleId :

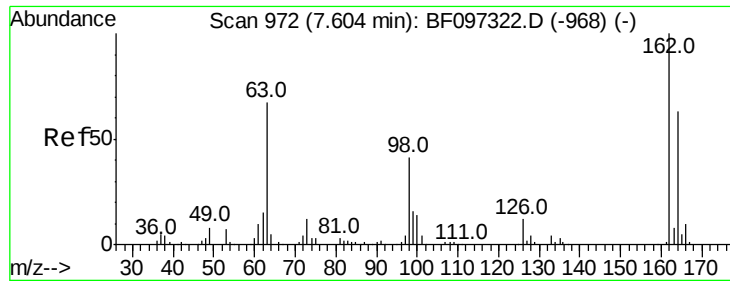
Tot Ion:122 Resp: 250844
 Ion Ratio Lower Upper
 122 100
 107 108.4 89.2 133.8
 121 57.6 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.347 ng
 RT: 7.45 min Scan# 963
 Delta R.T. -0.02 min
 Lab File: BF097548.D
 Acq: 10 Aug 2017 8:24

Tgt Ion: 93 Resp: 319218
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.5 39.7
 123 9.9 9.0 13.4

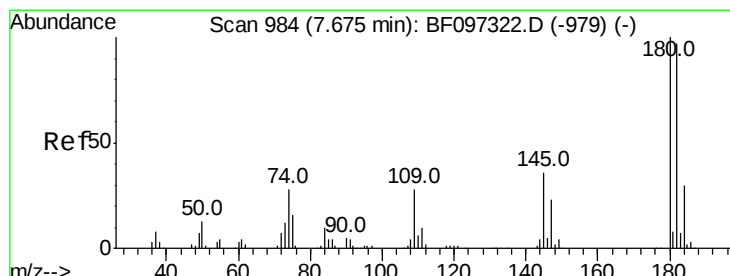
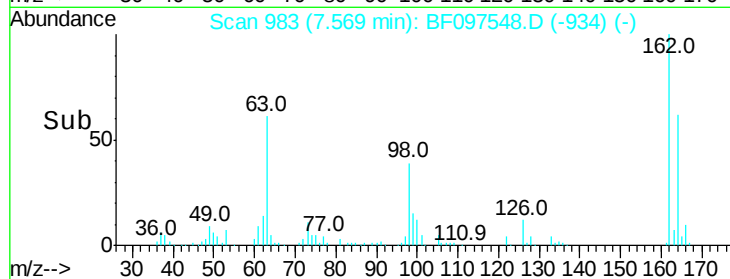
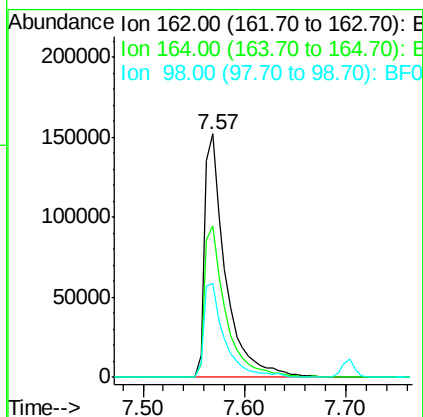
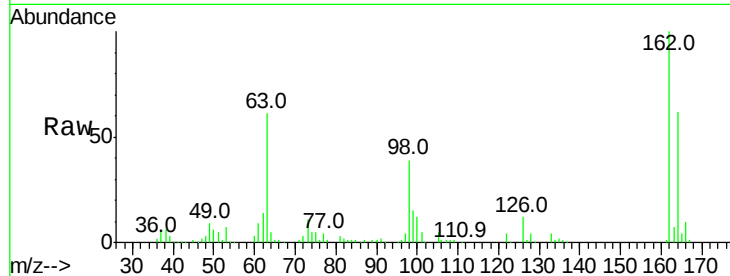




#29
2,4-Dichlorophenol
Concen: 42.537 ng
RT: 7.57 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

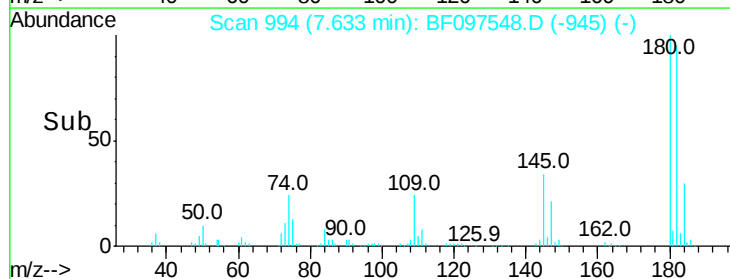
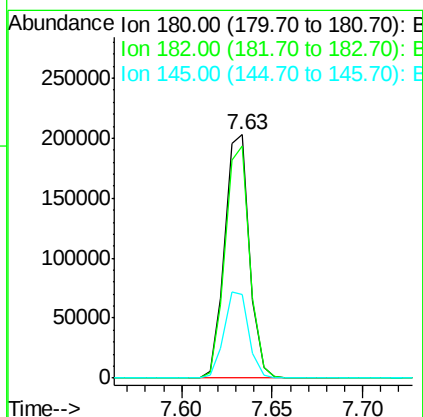
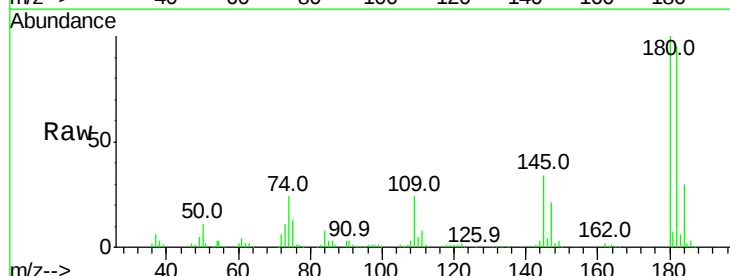
Instrument :
BNA_F
ClientSampled :

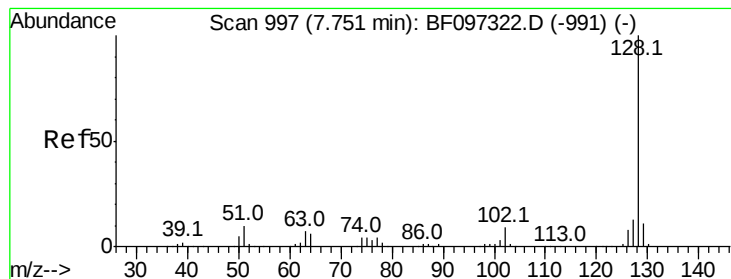
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	44.6	84.6
98	38.5	14.8	54.8



#30
1,2,4-Trichlorobenzene
Concen: 39.813 ng
RT: 7.63 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.8	113.6
145	34.4	25.3	37.9





#31

Naphthalene

Concen: 43.842 ng

RT: 7.70 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

Instrument :

BNA_F

ClientSampleId :

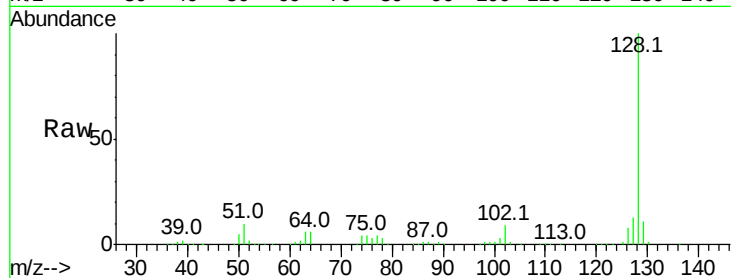
Tot Ion:128 Resp: 769650

Ion Ratio Lower Upper

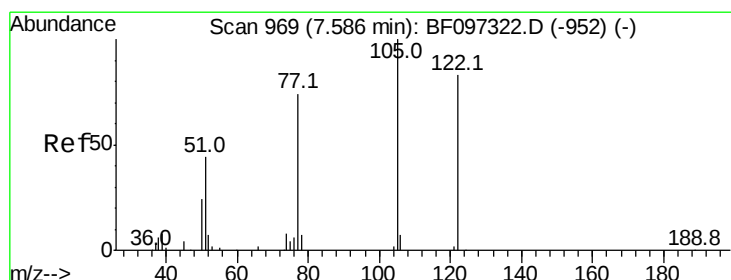
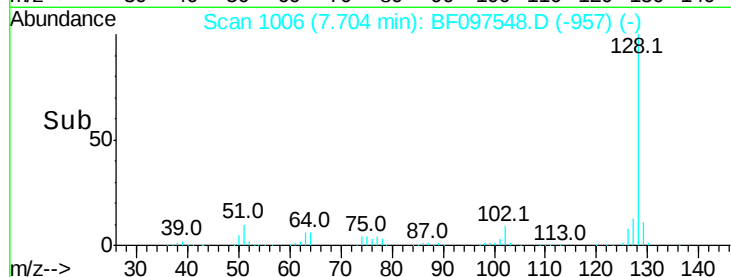
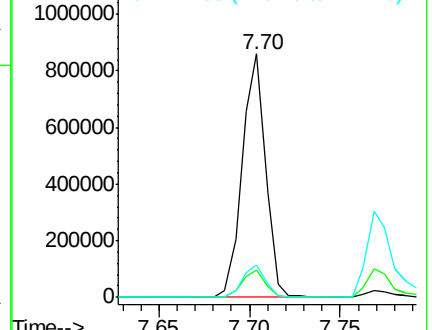
128 100

129 11.1 9.0 13.6

127 13.4 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: 31.634 ng

RT: 7.56 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

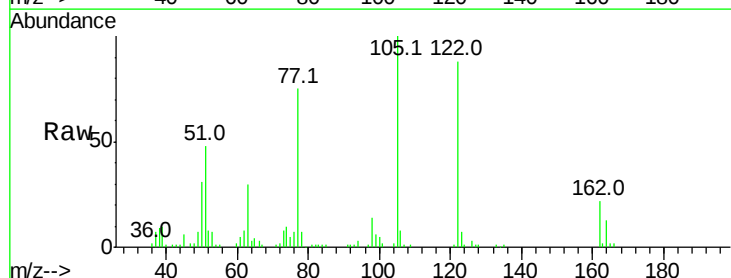
Tgt Ion:122 Resp: 139378

Ion Ratio Lower Upper

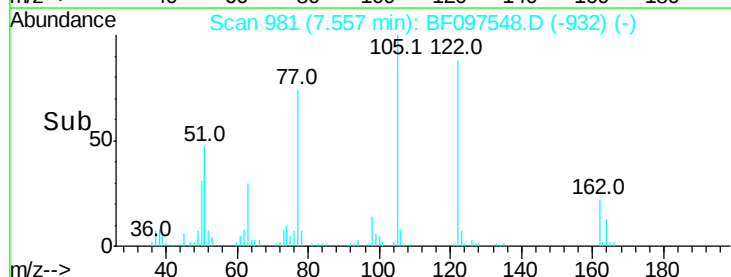
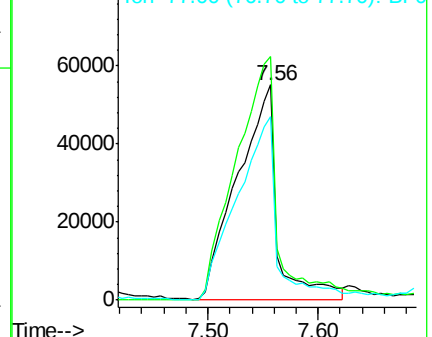
122 100

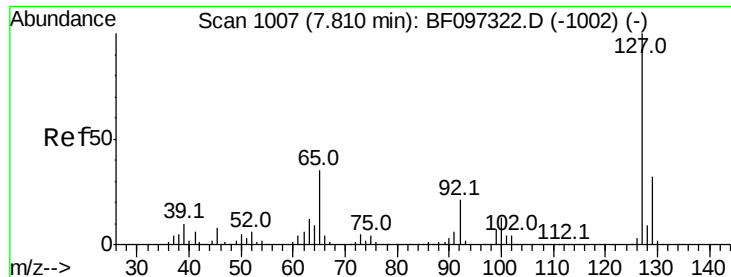
105 113.2 103.3 143.3

77 85.0 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

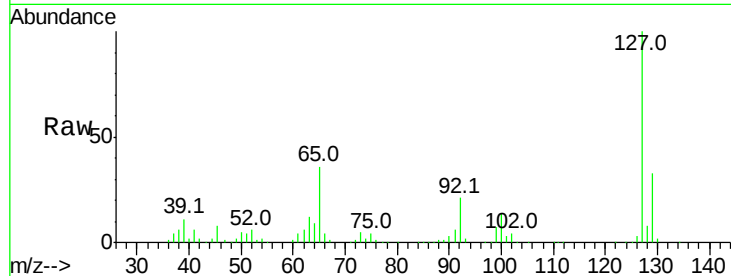




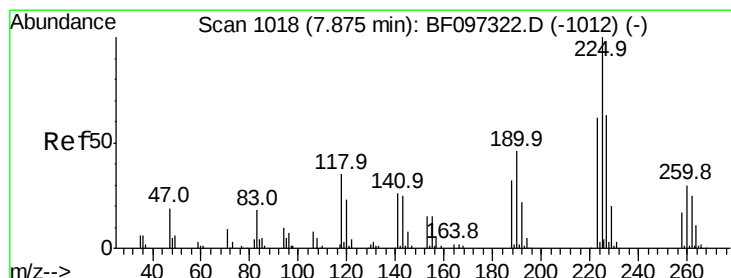
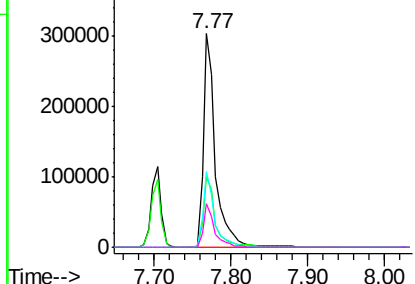
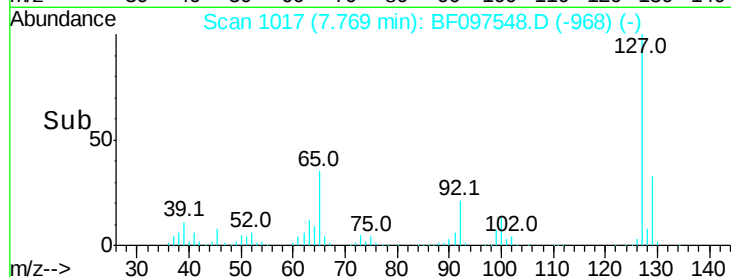
#33
4-Chloroaniline
Concen: 45.701 ng
RT: 7.77 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	326442
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.2	39.2
65	35.6	27.8	41.8
92	20.7	16.8	25.2

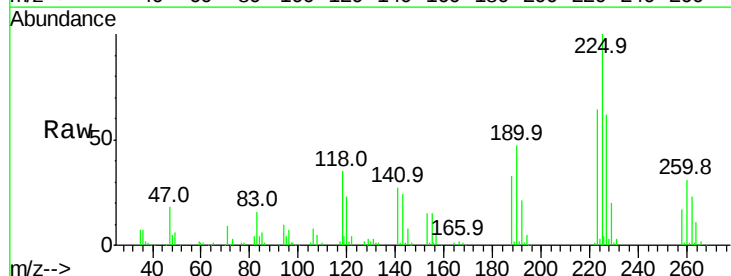


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

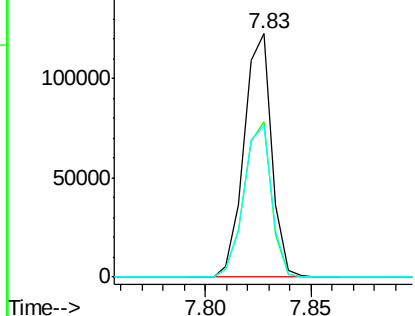
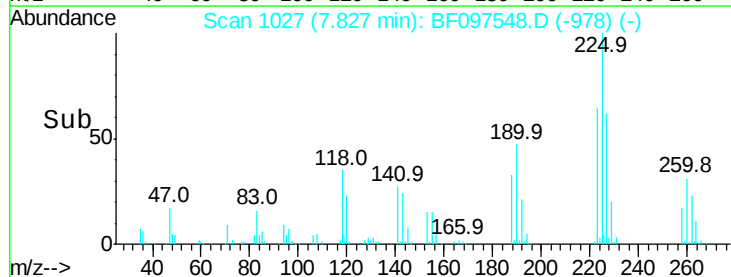


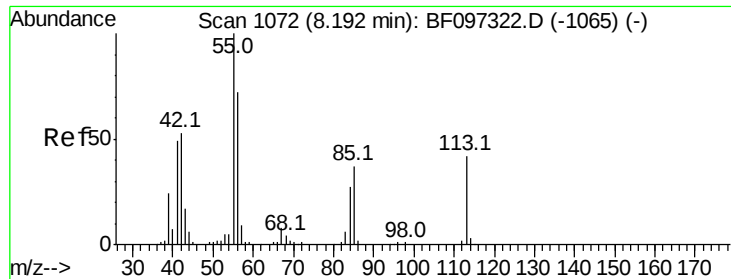
#34
Hexachlorobutadiene
Concen: 43.317 ng
RT: 7.83 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

Tgt Ion:	225	Resp:	111264
Ion	Ratio	Lower	Upper
225	100		
223	63.7	48.8	73.2
227	62.4	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.311 ng

RT: 8.15 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

Instrument :

BNA_F

ClientSampleId :

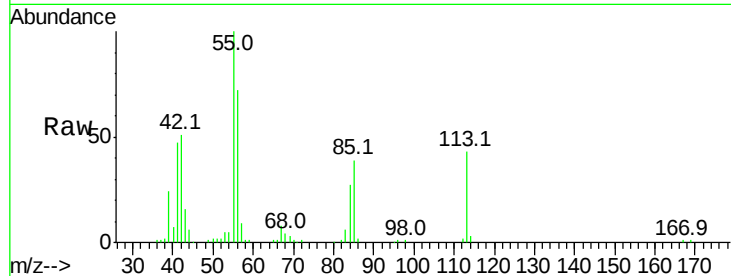
Tot Ion:113 Resp: 39626

Ion Ratio Lower Upper

113 100

55 230.5 150.2 190.2#

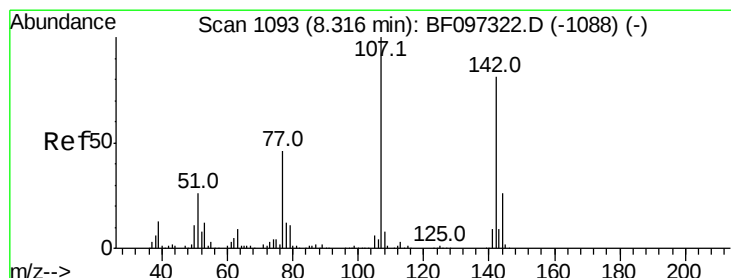
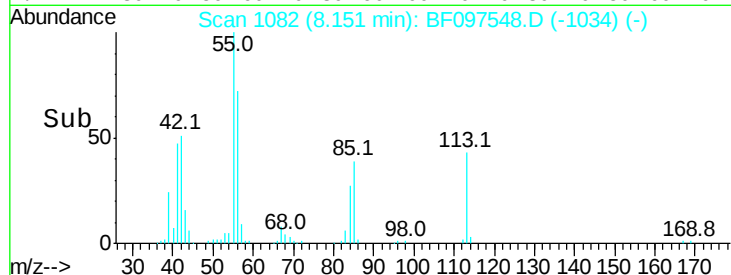
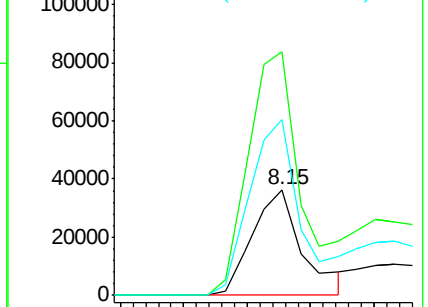
56 166.5 107.8 147.8#



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: 45.698 ng

RT: 8.28 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

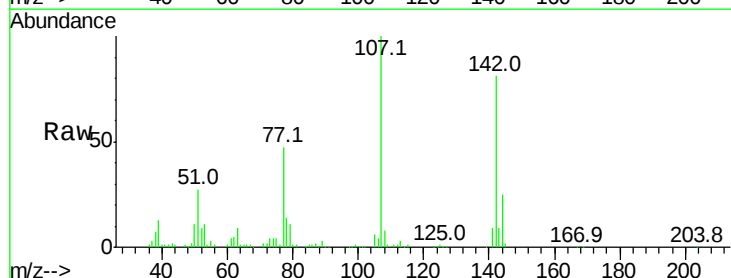
Tgt Ion:107 Resp: 253423

Ion Ratio Lower Upper

107 100

144 25.4 24.2 36.4

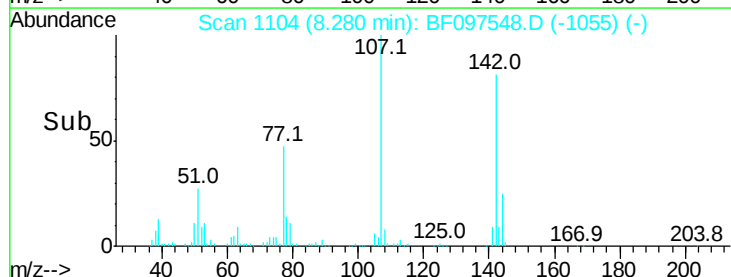
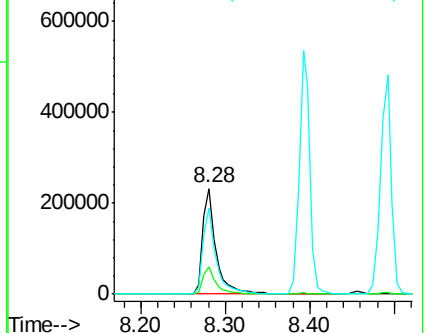
142 81.3 73.4 110.0

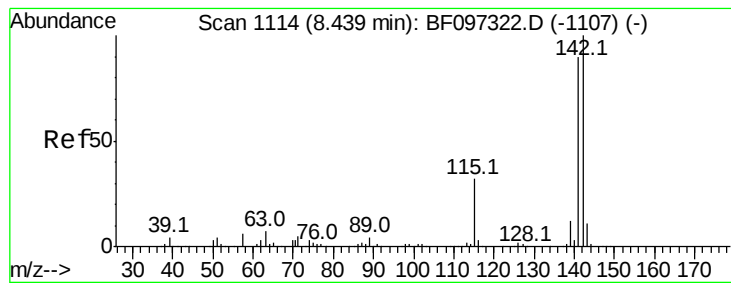


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.502 ng

RT: 8.39 min Scan# 1123

Delta R.T. -0.02 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

Instrument :

BNA_F

ClientSampleId :

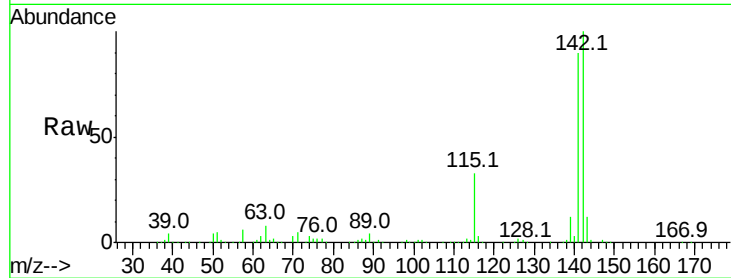
Tot Ion:142 Resp: 483524

Ion Ratio Lower Upper

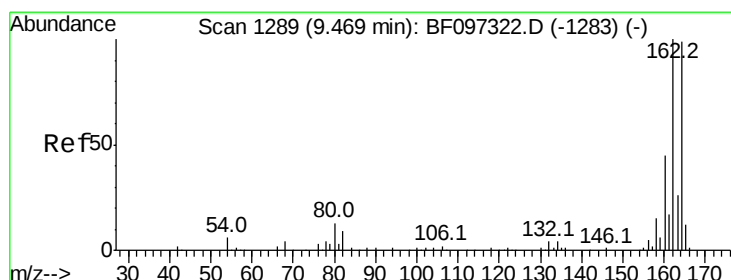
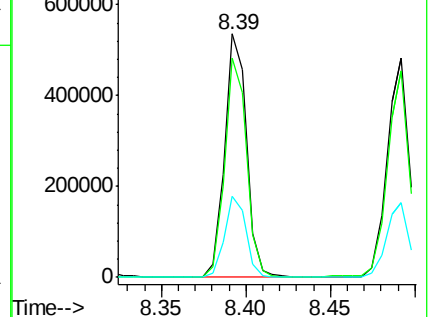
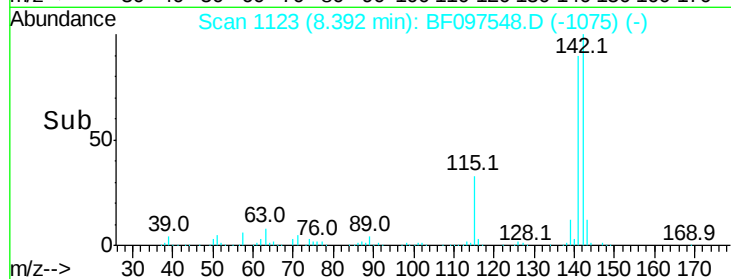
142 100

141 89.9 71.3 106.9

115 33.2 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: 9.42 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

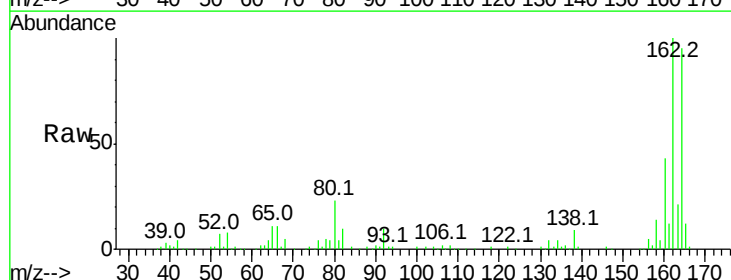
Tgt Ion:164 Resp: 176510

Ion Ratio Lower Upper

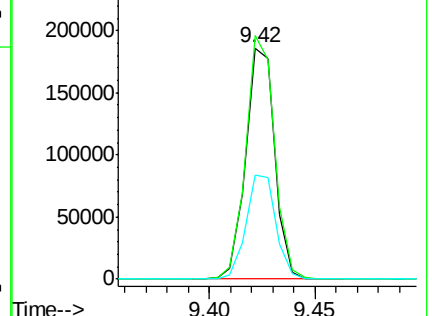
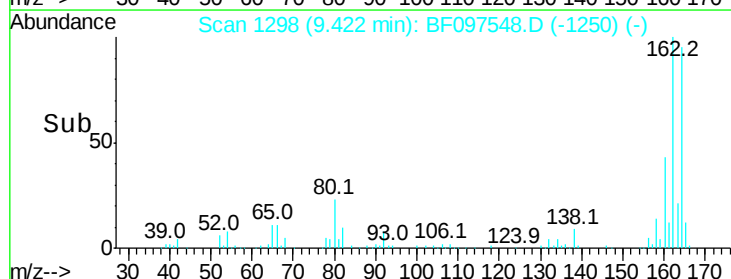
164 100

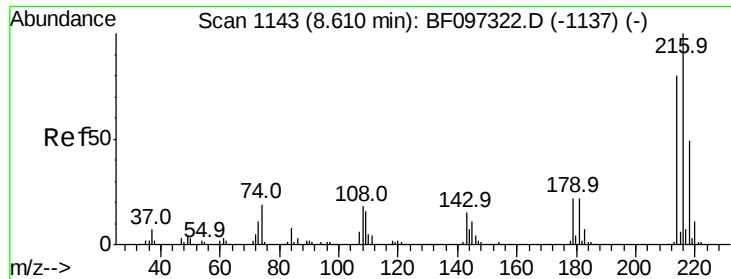
162 105.3 82.6 123.8

160 44.9 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

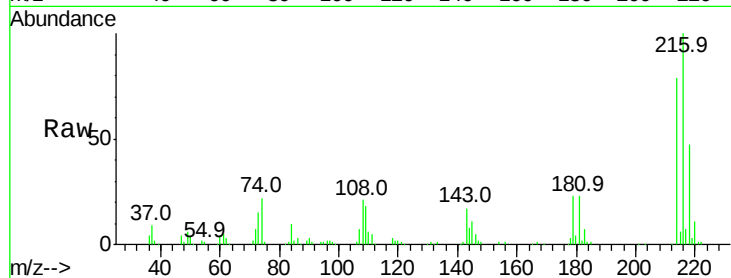




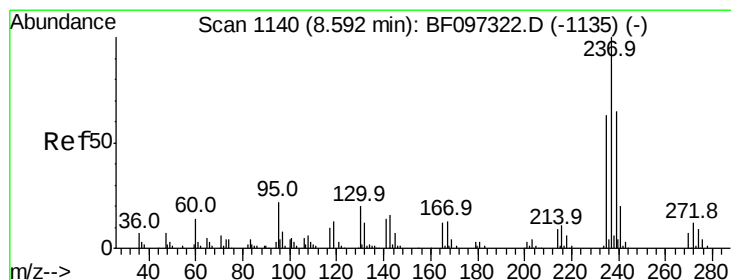
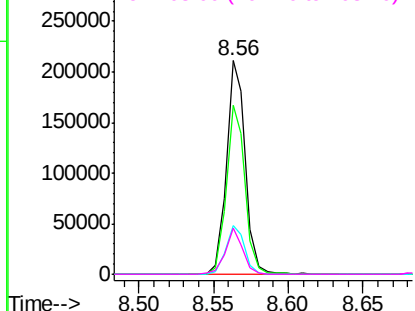
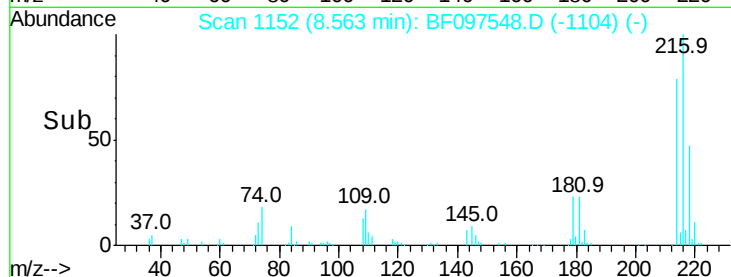
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.193 ng
 RT: 8.56 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF097548.D
 Acq: 10 Aug 2017 8:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	189298
Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.4	95.2
179	22.7	17.9	26.9
108	19.9	16.5	24.7

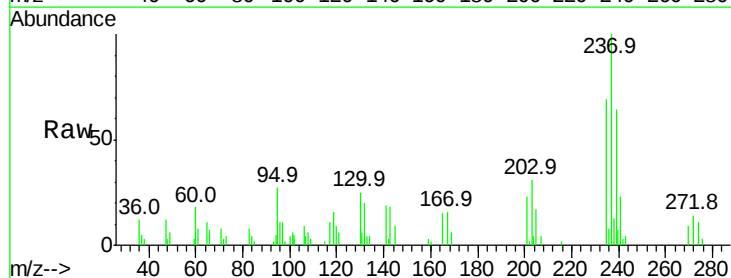


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

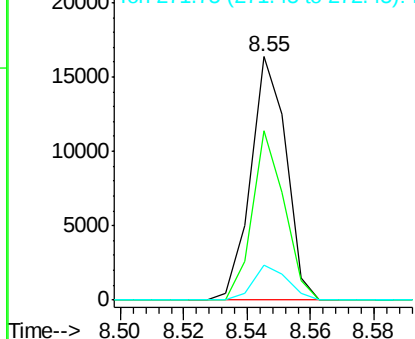
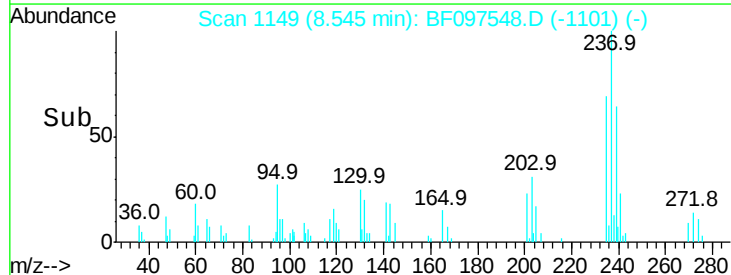


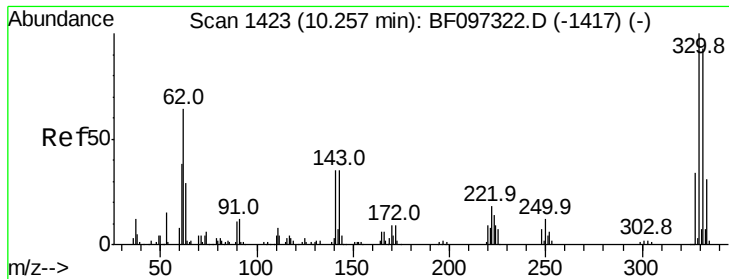
#40
 Hexachlorocyclopentadiene
 Concen: 13.627 ng
 RT: 8.55 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF097548.D
 Acq: 10 Aug 2017 8:24

Tgt Ion:	237	Resp:	12628
Ion	Ratio	Lower	Upper
237	100		
235	69.4	42.6	82.6
272	14.2	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

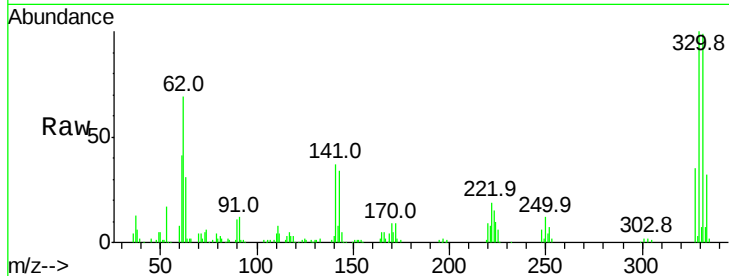




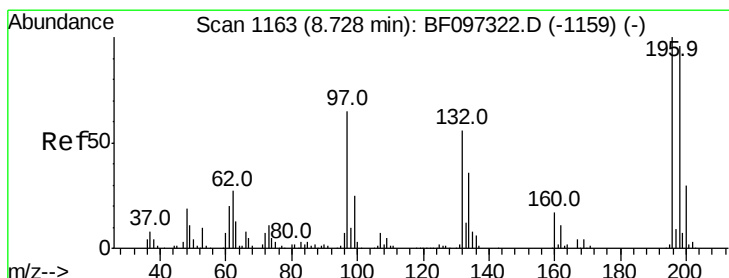
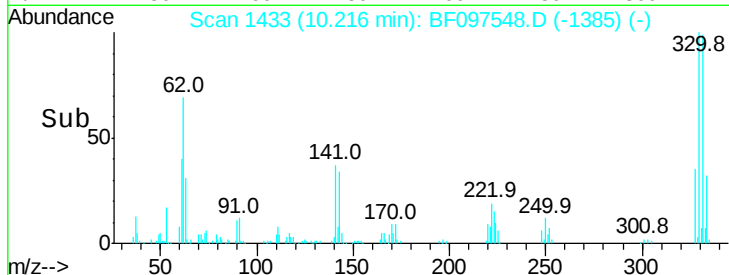
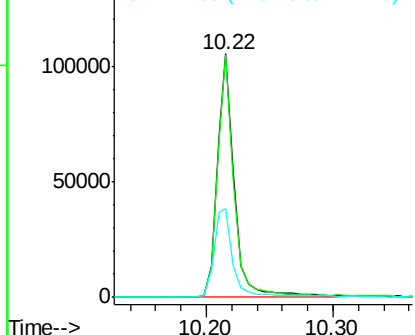
#41
 2,4,6-Tribromophenol
 Concen: 71.476 ng
 RT: 10.22 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF097548.D
 Acq: 10 Aug 2017 8:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 99681
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 40.8 31.4 47.2

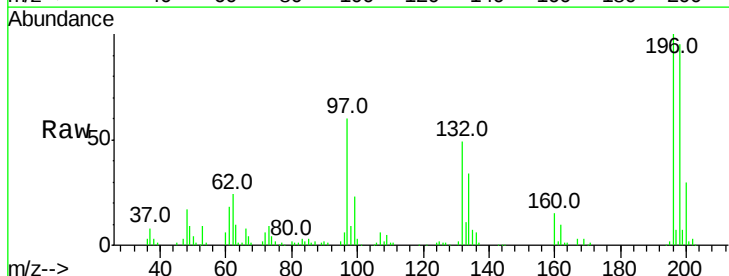


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

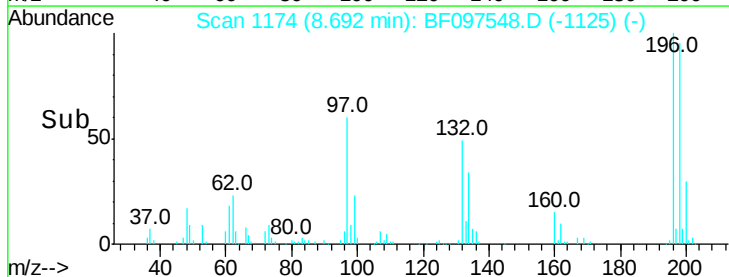
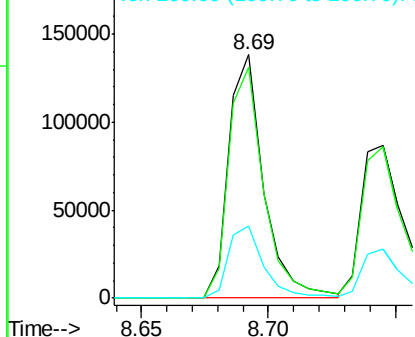


#42
 2,4,6-Trichlorophenol
 Concen: 38.906 ng
 RT: 8.69 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF097548.D
 Acq: 10 Aug 2017 8:24

Tgt Ion:196 Resp: 132786
 Ion Ratio Lower Upper
 196 100
 198 94.6 74.2 111.4
 200 29.9 24.0 36.0



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

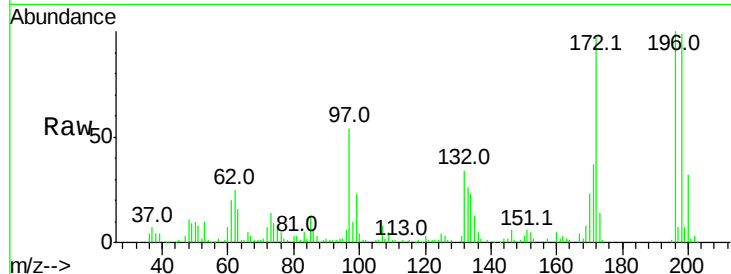




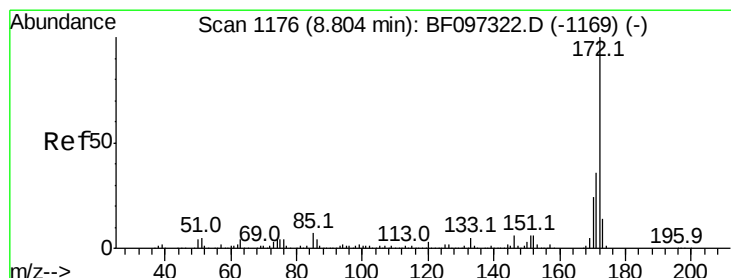
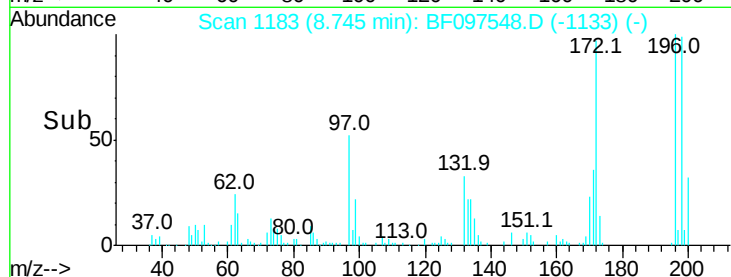
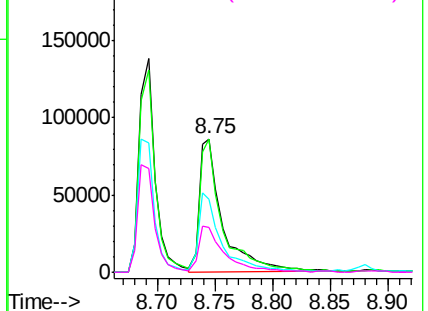
#43
 2,4,5-Trichlorophenol
 Concen: 36.180 ng
 RT: 8.75 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF097548.D
 Acq: 10 Aug 2017 8:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	123598
Ion	Ratio	Lower	Upper
196	100		
198	99.5	75.7	113.5
97	54.2	47.7	71.5
132	34.0	28.0	42.0

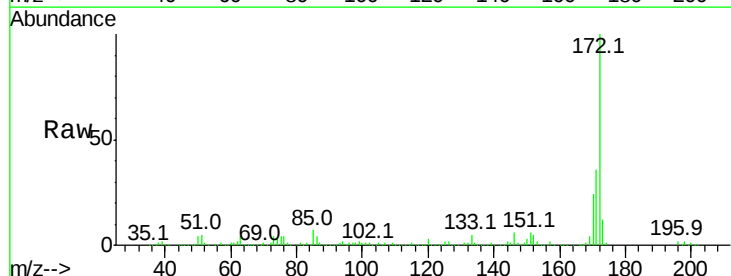


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

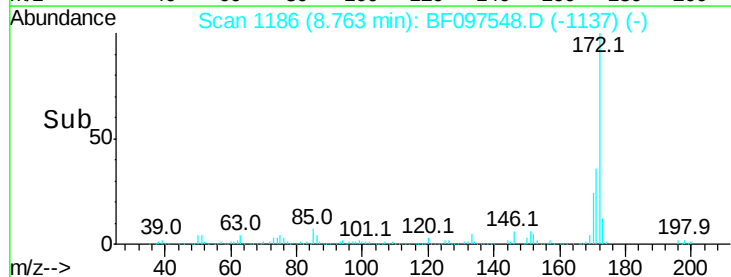
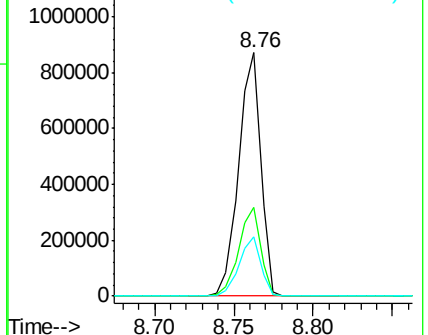


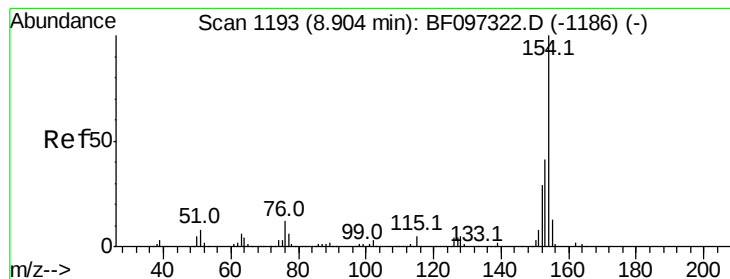
#44
 2-Fluorobiphenyl
 Concen: 80.930 ng
 RT: 8.76 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097548.D
 Acq: 10 Aug 2017 8:24

Tgt Ion:	172	Resp:	841728
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.2	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: 41.580 ng

RT: 8.86 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

Instrument :

BNA_F

ClientSampled :

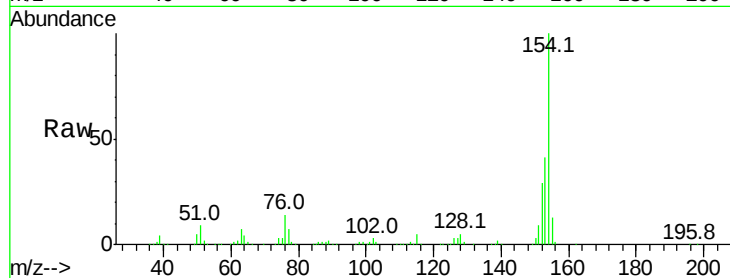
Tot Ion:154 Resp: 626876

Ion Ratio Lower Upper

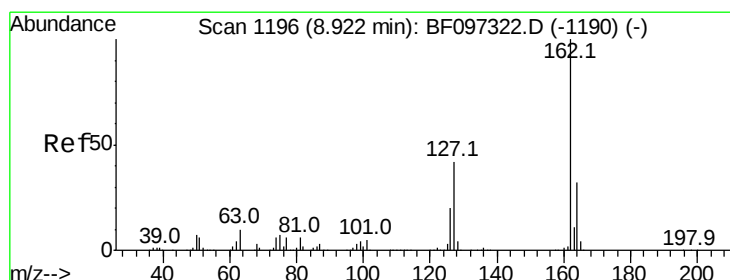
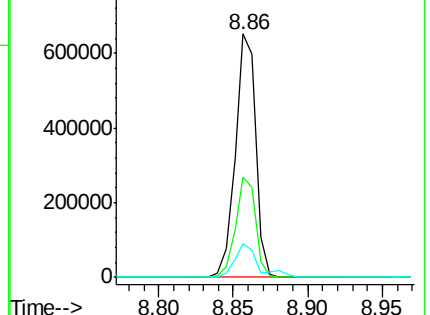
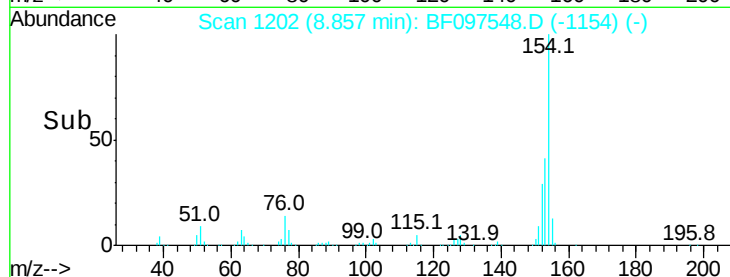
154 100

153 41.1 21.2 61.2

76 13.7 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BFO



#46

2-Chloronaphthalene

Concen: 40.932 ng

RT: 8.88 min Scan# 1206

Delta R.T. -0.02 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

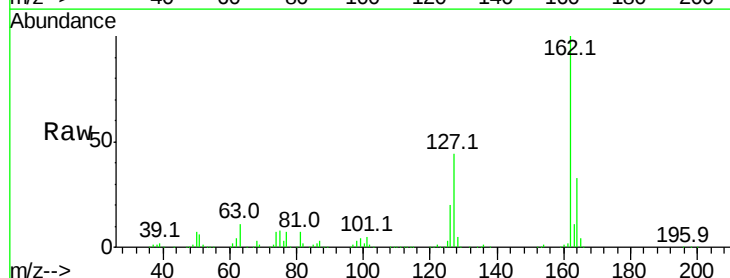
Tgt Ion:162 Resp: 454122

Ion Ratio Lower Upper

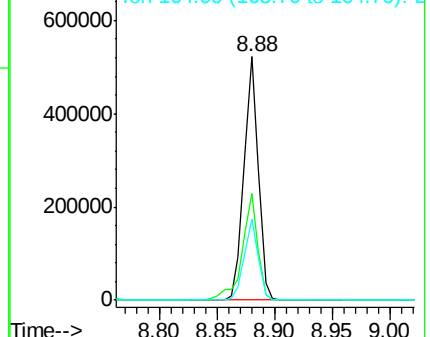
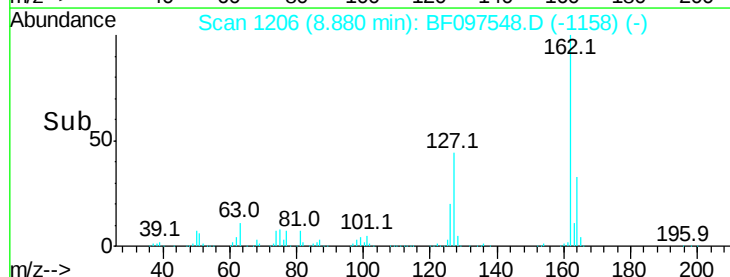
162 100

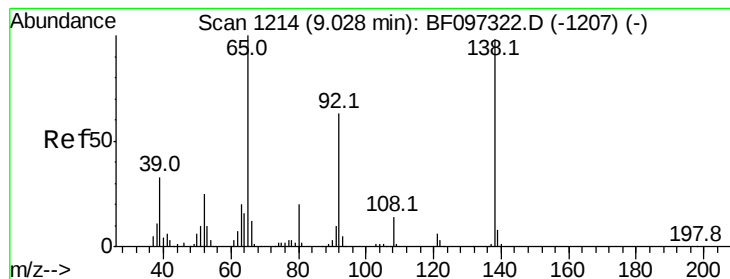
127 43.8 28.3 42.5#

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: 44.296 ng

RT: 8.99 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

Instrument :

BNA_F

ClientSampled :

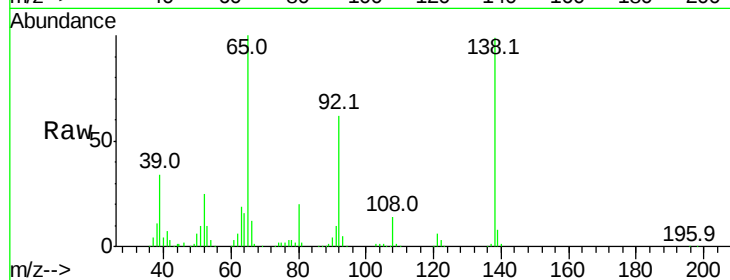
Tot Ion: 65 Resp: 178350

Ion Ratio Lower Upper

65 100

92 62.2 53.9 80.9

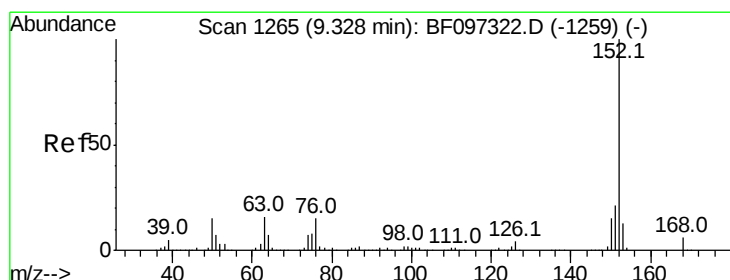
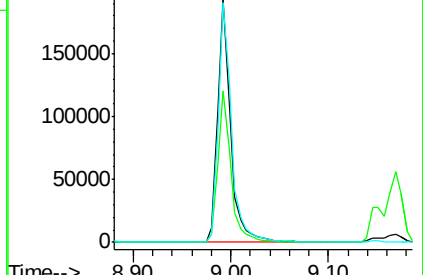
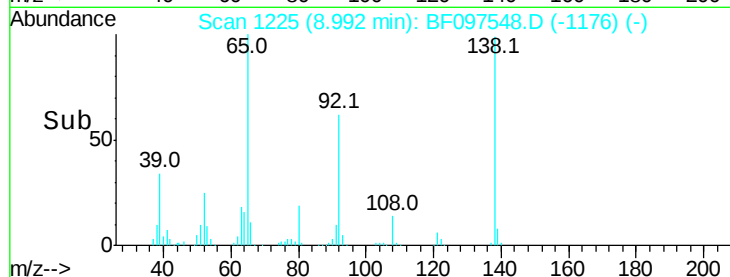
138 98.6 78.8 118.2



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 40.691 ng

RT: 9.29 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

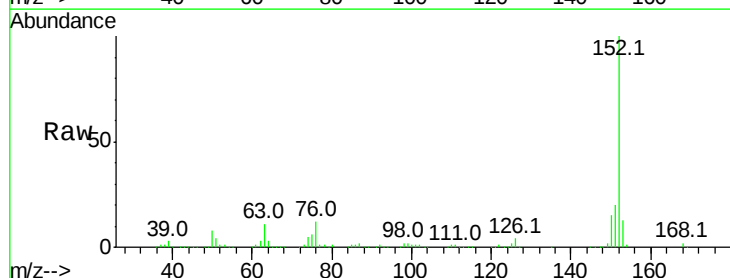
Tgt Ion: 152 Resp: 692931

Ion Ratio Lower Upper

152 100

151 20.2 16.8 25.2

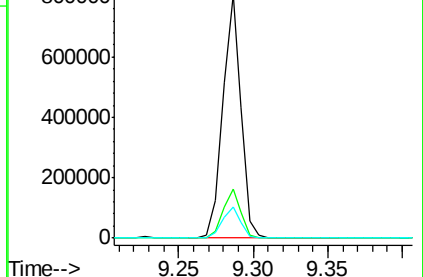
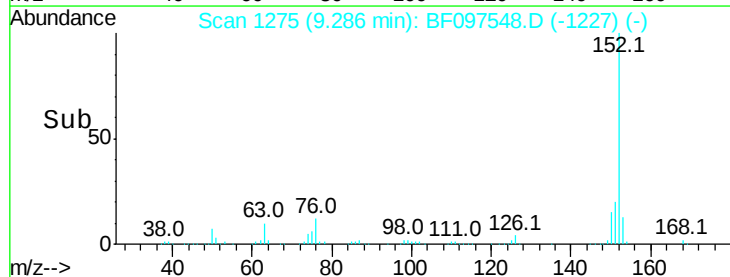
153 12.7 10.8 16.2

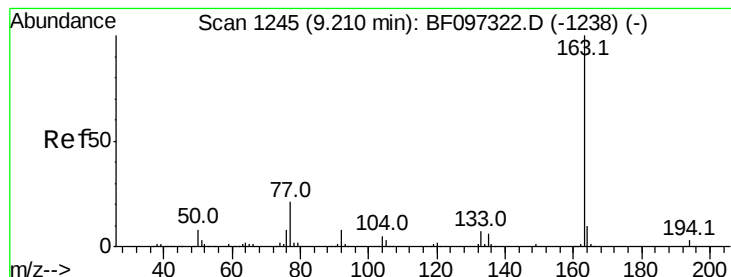


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 41.752 ng

RT: 9.17 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

Instrument :

BNA_F

ClientSampleId :

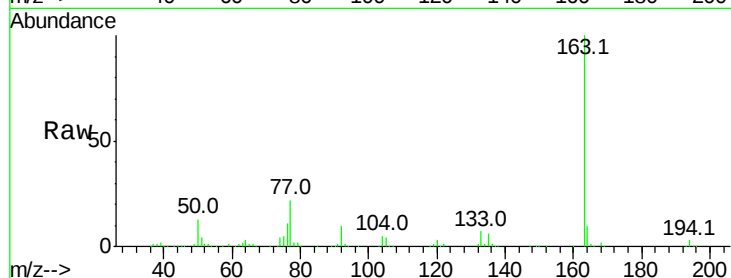
Tot Ion:163 Resp: 559638

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

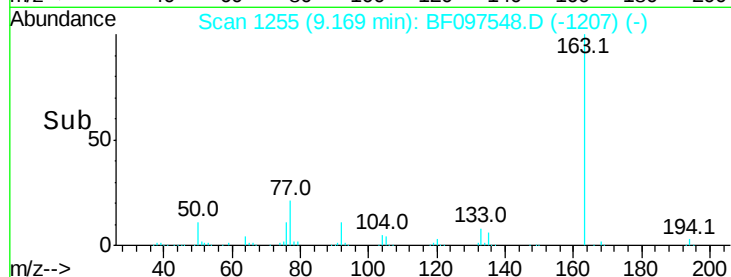
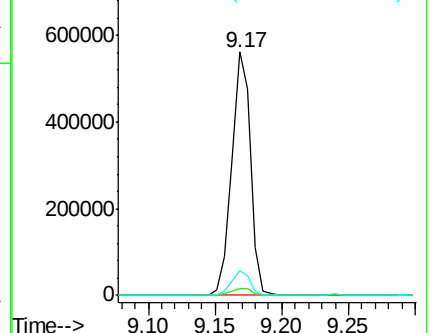
164 10.1 8.4 12.6



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: 40.149 ng

RT: 9.24 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

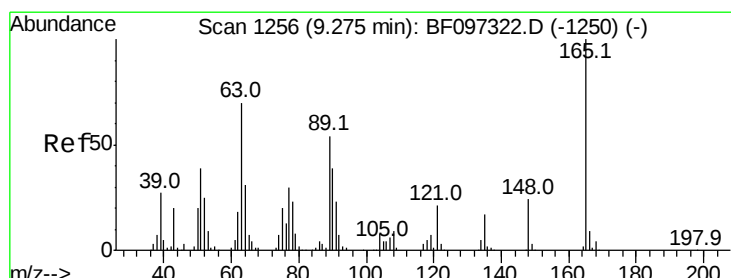
Tgt Ion:165 Resp: 114138

Ion Ratio Lower Upper

165 100

63 65.4 34.3 51.5#

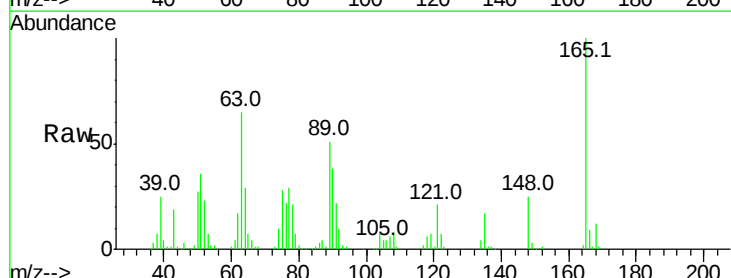
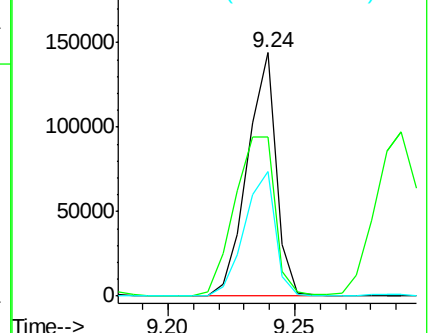
89 51.2 37.1 55.7

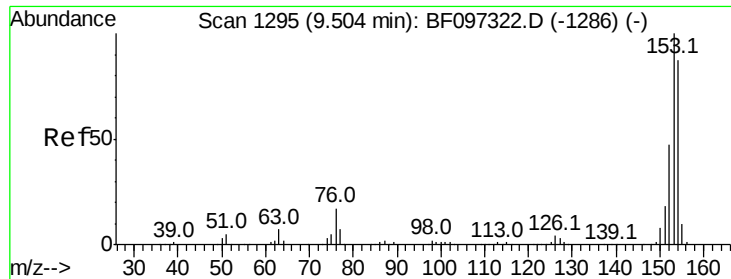


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.982 ng

RT: 9.46 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

Instrument :

BNA_F

ClientSampleId :

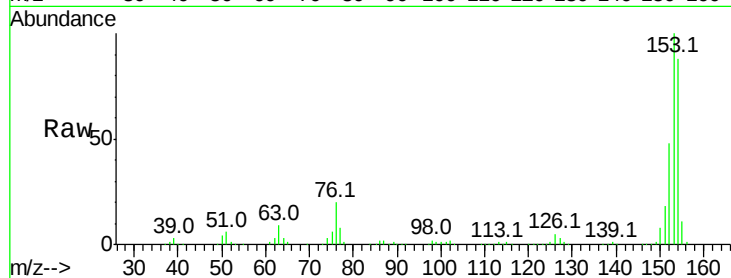
Tot Ion:154 Resp: 411080

Ion Ratio Lower Upper

154 100

153 113.3 90.5 135.7

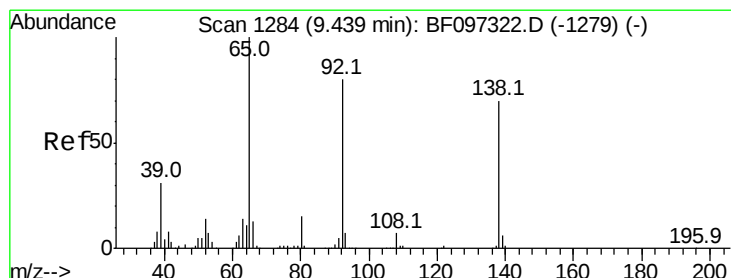
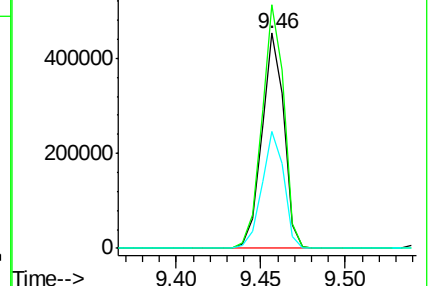
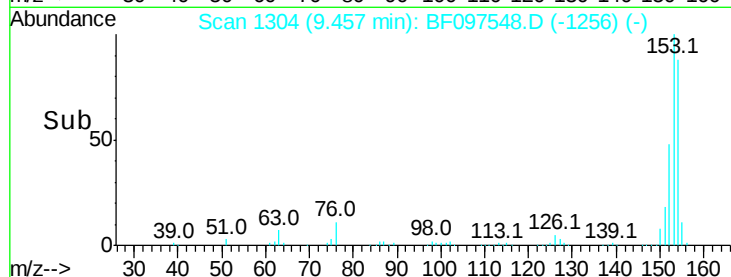
152 54.3 43.6 65.4



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: 40.583 ng

RT: 9.40 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

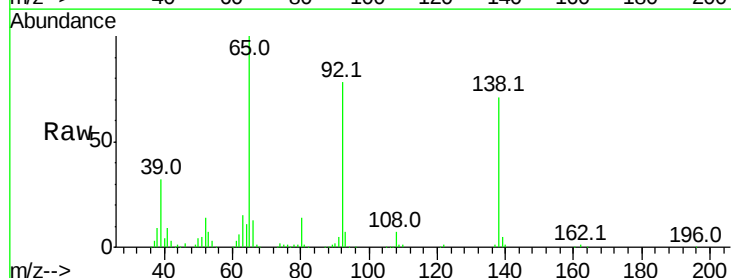
Tgt Ion:138 Resp: 143206

Ion Ratio Lower Upper

138 100

108 9.9 9.1 13.7

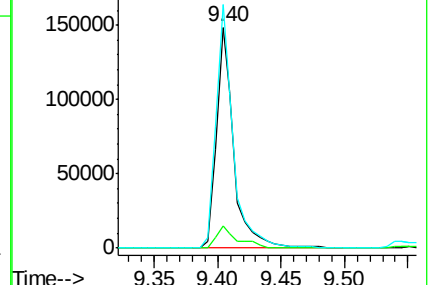
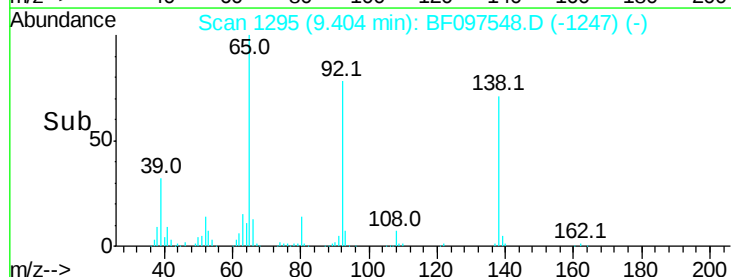
92 110.1 93.8 140.6

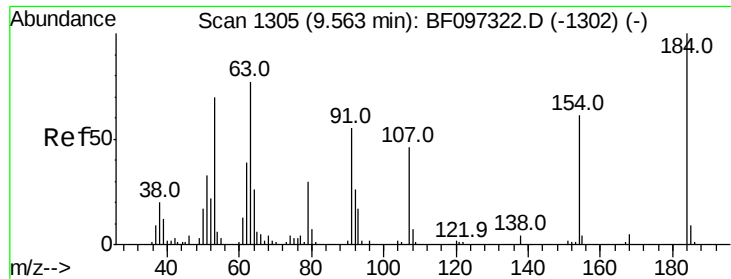


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

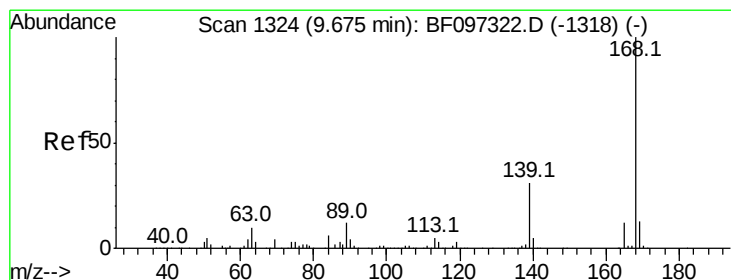
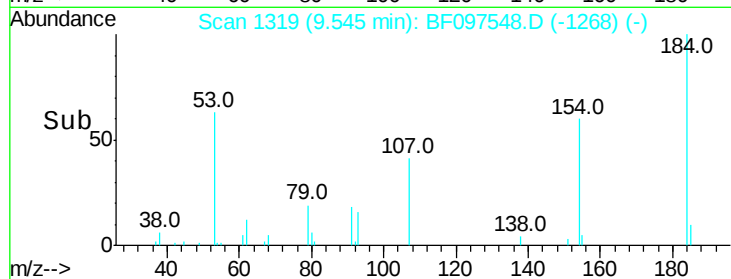
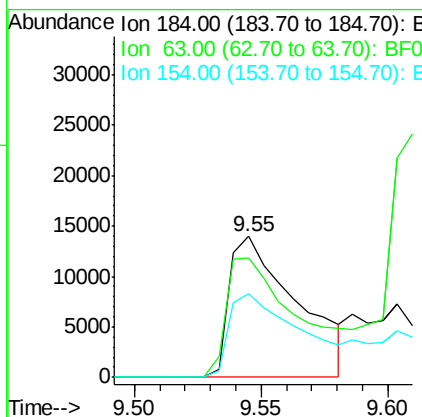
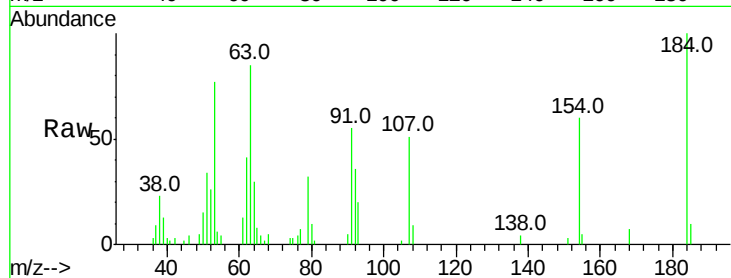




#53
 2,4-Dinitrophenol
 Concen: 19.958 ng
 RT: 9.55 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF097548.D
 Acq: 10 Aug 2017 8:24

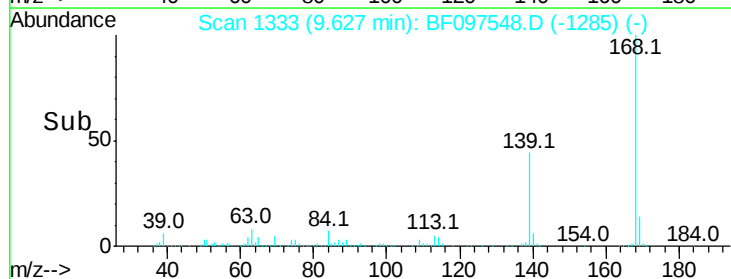
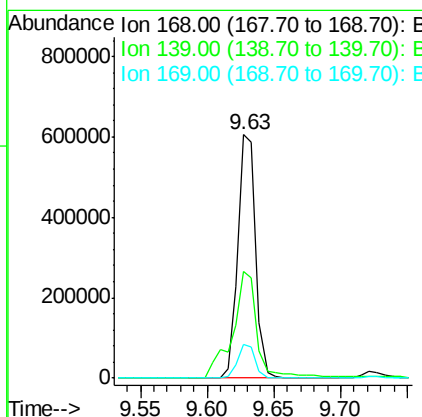
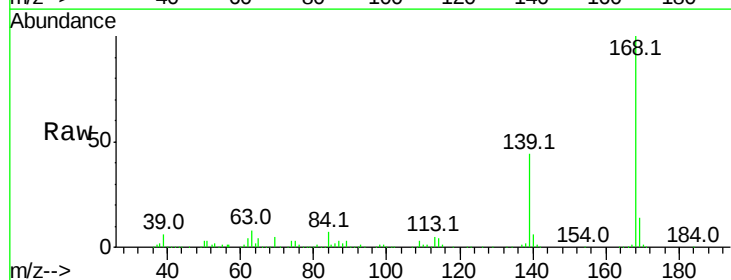
Instrument :
 BNA_F
 ClientSampleId :

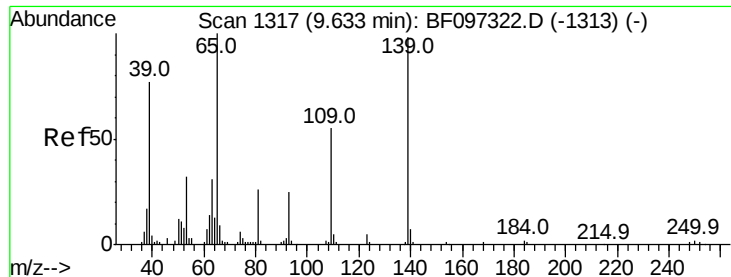
Tot Ion:184 Resp: 25797
 Ion Ratio Lower Upper
 184 100
 63 84.6 62.7 94.1
 154 59.7 81.1 121.7#



#54
 Dibenzofuran
 Concen: 42.403 ng
 RT: 9.63 min Scan# 1333
 Delta R.T. -0.02 min
 Lab File: BF097548.D
 Acq: 10 Aug 2017 8:24

Tgt Ion:168 Resp: 566546
 Ion Ratio Lower Upper
 168 100
 139 43.6 30.6 45.8
 169 13.7 10.8 16.2

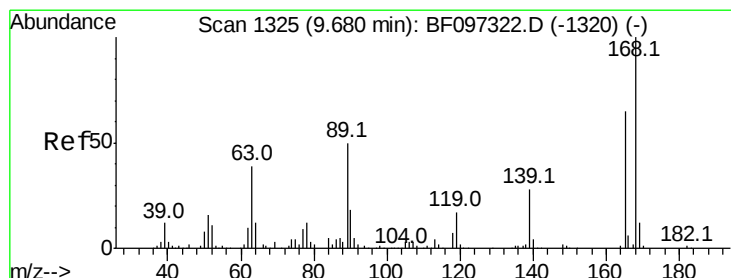
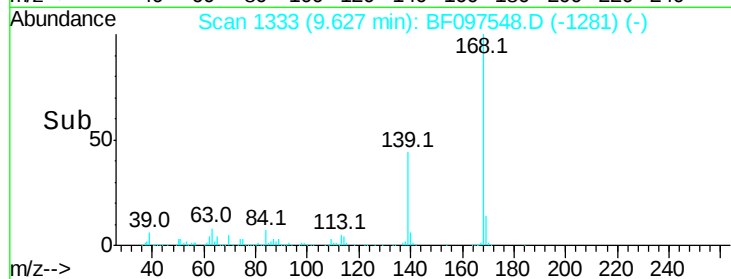
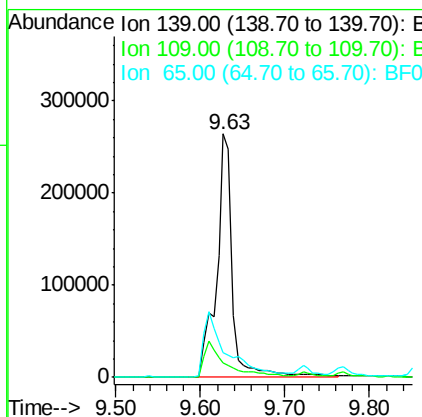
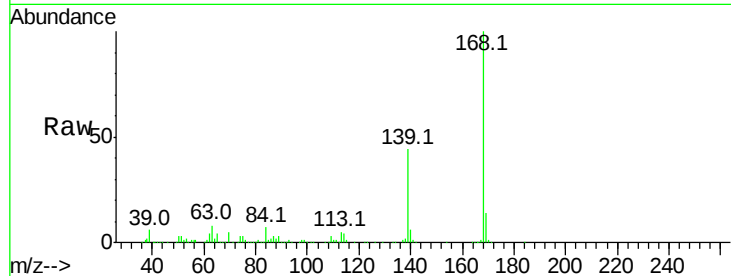




#55
4-Nitrophenol
Concen: 168.867 ng
RT: 9.63 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

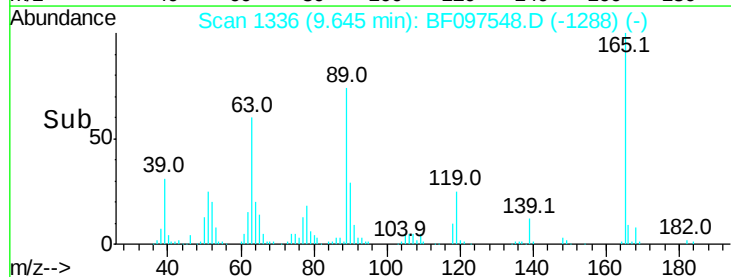
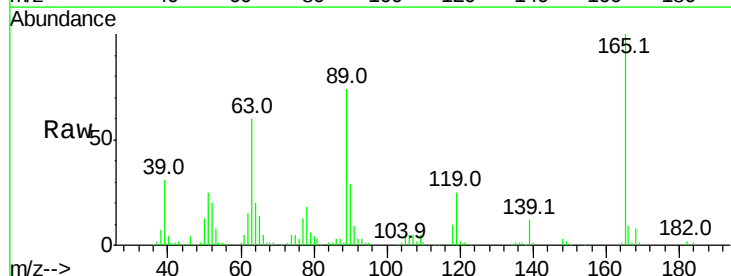
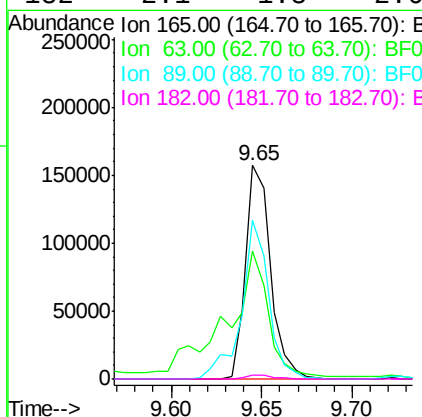
Instrument :
BNA_F
ClientSampleId :

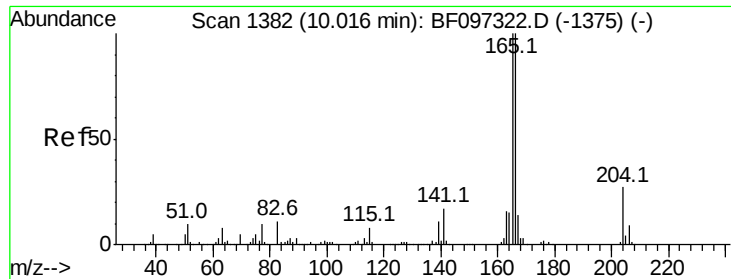
Tot Ion	Ratio	Lower	Upper
139	100		
109	6.1	34.1	74.1#
65	10.0	31.4	71.4#



#56
2,4-Dinitrotoluene
Concen: 46.067 ng
RT: 9.65 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.0	25.4	38.0#
89	74.4	46.4	69.6#
182	2.1	1.8	2.6

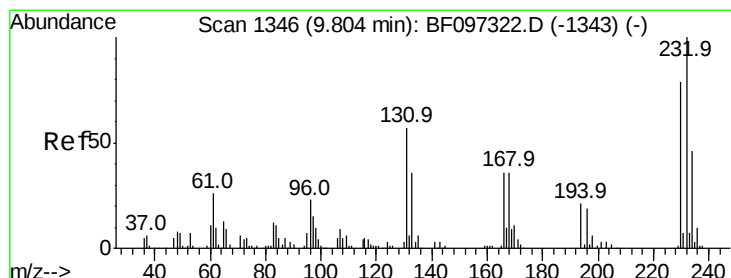
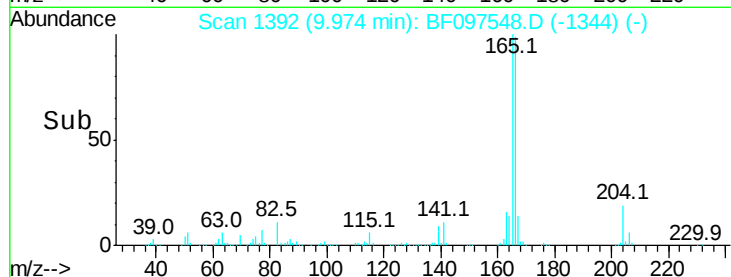
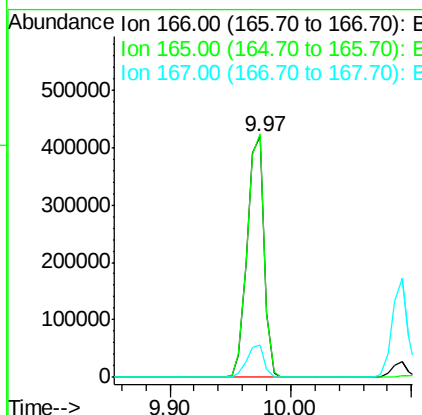
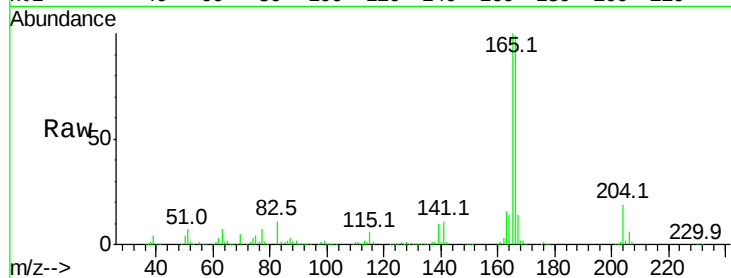




#57
 Fluorene
 Concen: 41.310 ng
 RT: 9.97 min Scan# 1392
 Delta R.T. -0.02 min
 Lab File: BF097548.D
 Acq: 10 Aug 2017 8:24

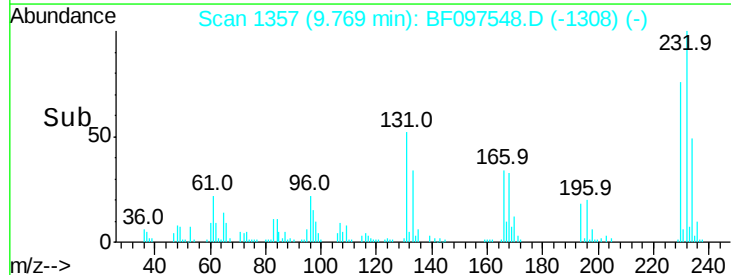
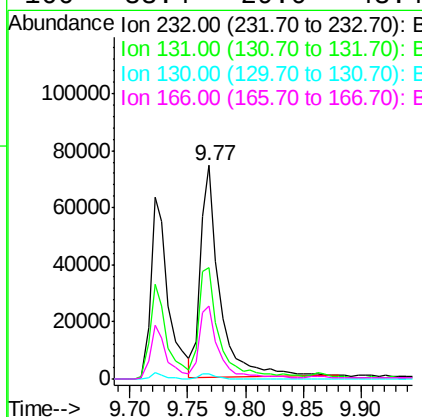
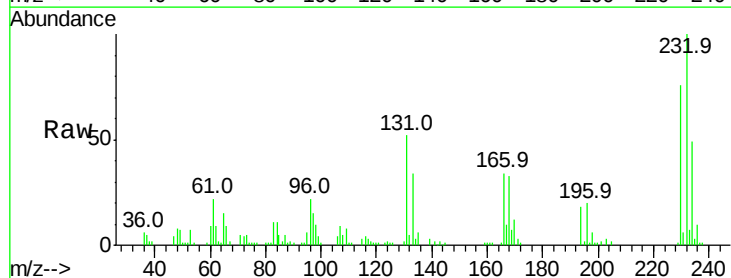
Instrument :
 BNA_F
 ClientSampleId :

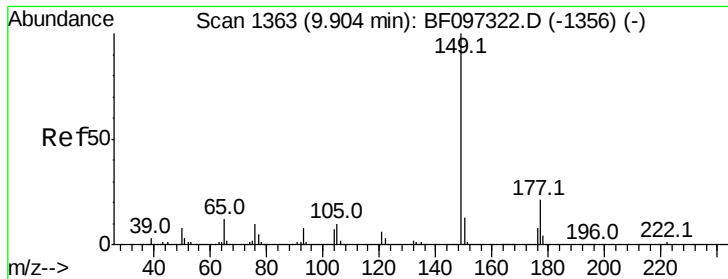
Tot Ion	Ratio	Lower	Upper
166	100		
165	101.1	78.8	118.2
167	13.7	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.948 ng
 RT: 9.77 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF097548.D
 Acq: 10 Aug 2017 8:24

Tgt Ion	Ratio	Lower	Upper
232	100		
131	57.0	44.8	67.2
130	2.3	2.3	3.5#
166	33.4	29.0	43.4

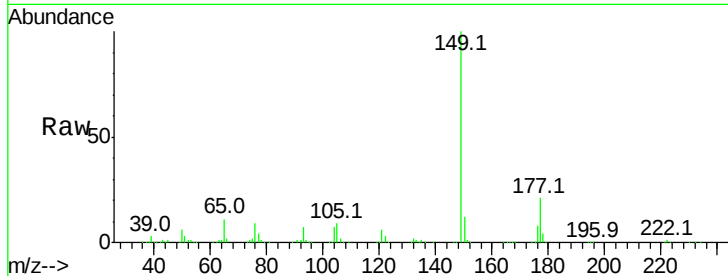




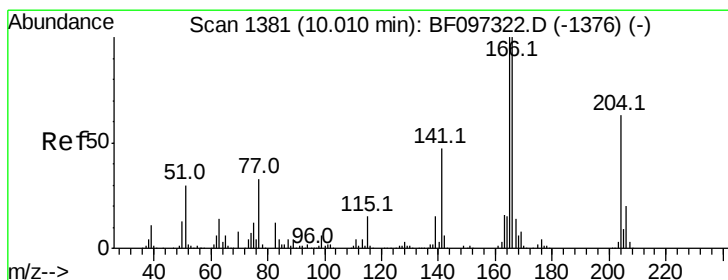
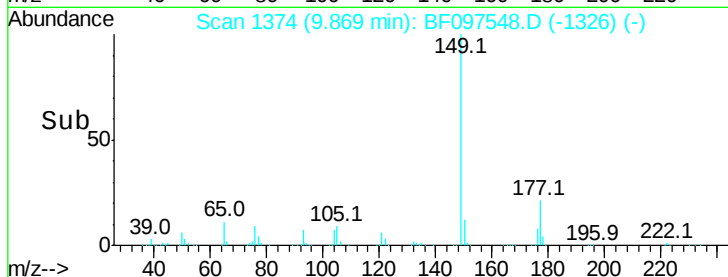
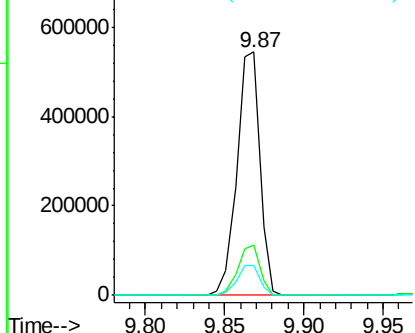
#59
Diethylphthalate
Concen: 44.557 ng
RT: 9.87 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 547925
Ion Ratio Lower Upper
149 100
177 20.8 16.7 25.1
150 12.3 10.2 15.2

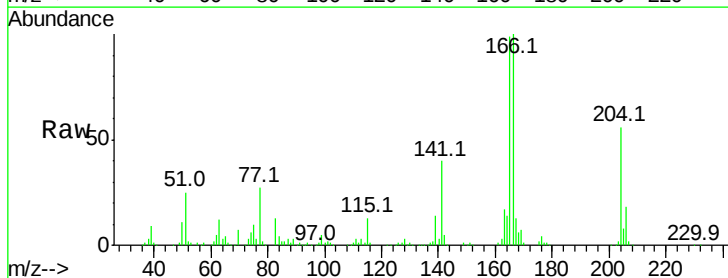


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

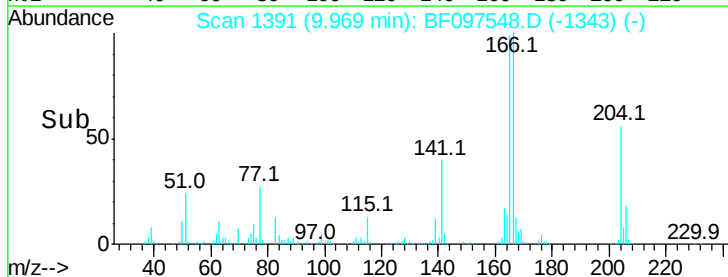
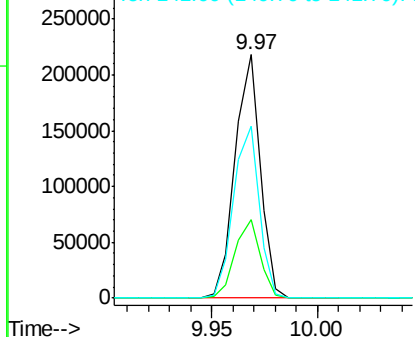


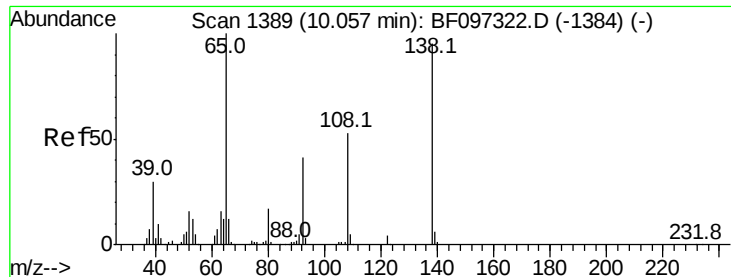
#60
4-Chlorophenyl-phenylether
Concen: 43.314 ng
RT: 9.97 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

Tgt Ion:204 Resp: 179611
Ion Ratio Lower Upper
204 100
206 32.3 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

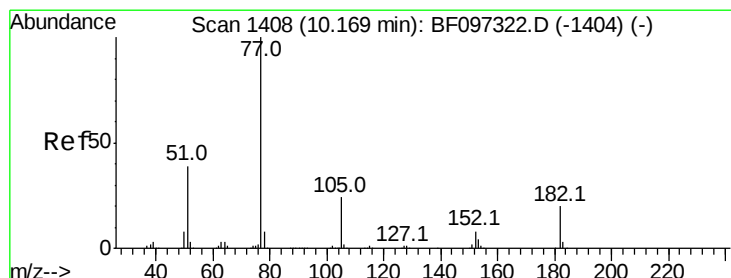
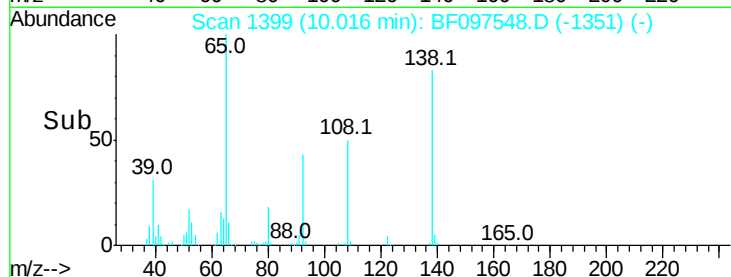
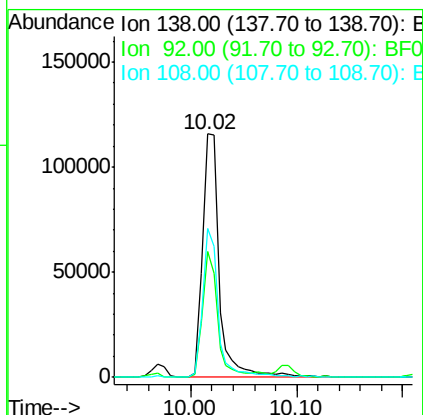
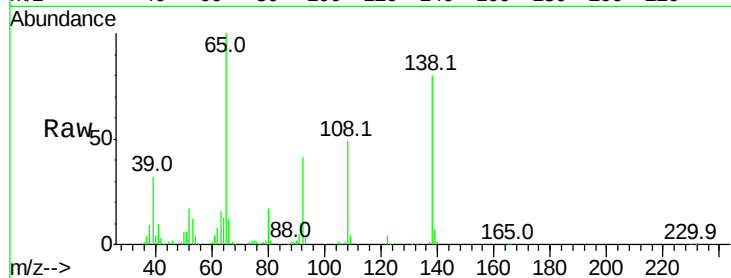




#61
4-Nitroaniline
Concen: 38.091 ng
RT: 10.02 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

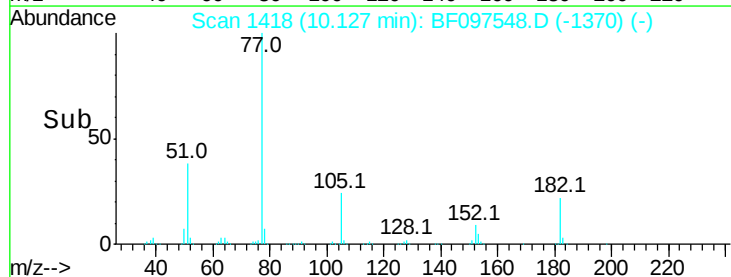
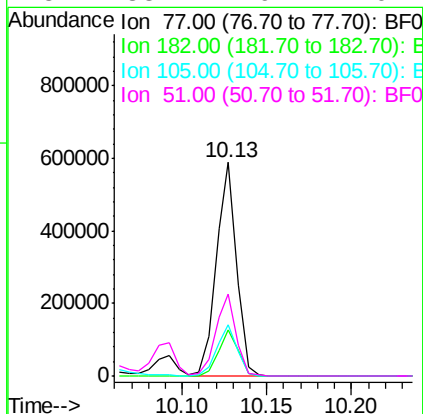
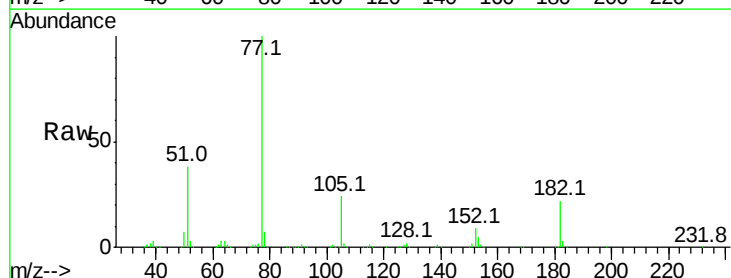
Instrument :
BNA_F
ClientSampleId :

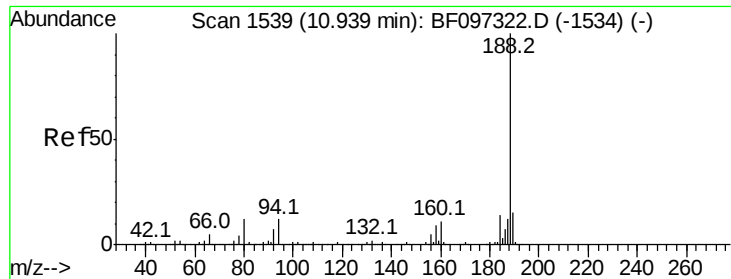
Tot Ion:138 Resp: 127715
Ion Ratio Lower Upper
138 100
92 51.9 21.8 61.8
108 61.1 42.3 82.3



#62
Azobenzene
Concen: 43.129 ng
RT: 10.13 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

Tgt Ion: 77 Resp: 492017
Ion Ratio Lower Upper
77 100
182 21.5 0.1 40.1
105 23.9 3.6 43.6
51 38.2 9.4 49.4

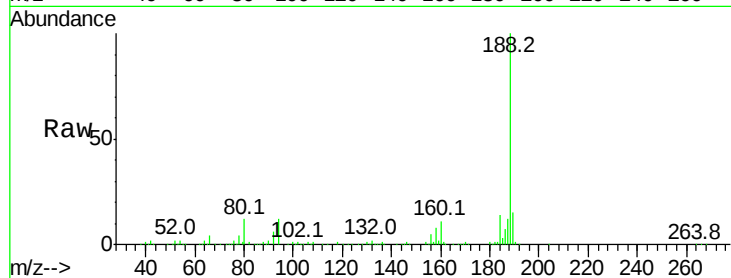




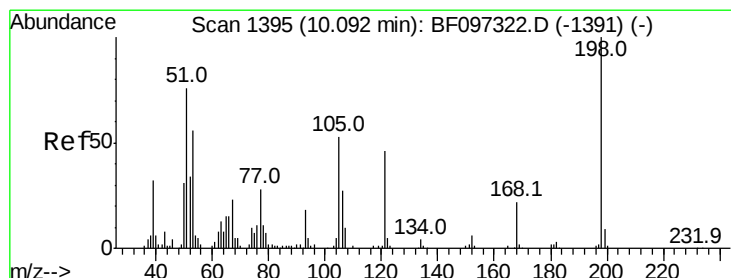
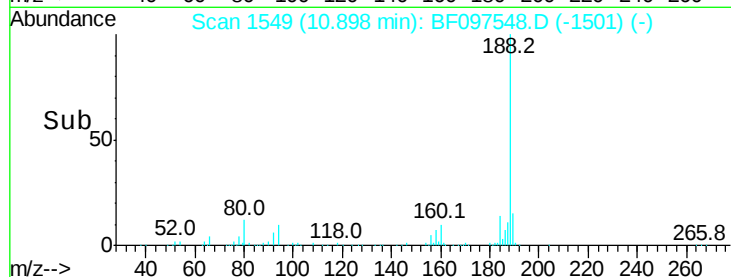
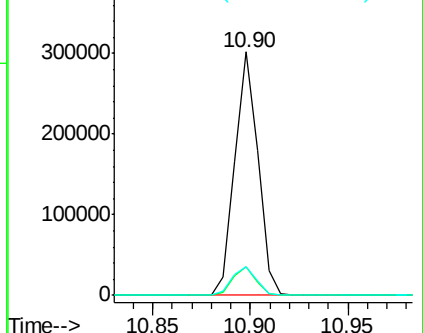
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 249170
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 11.9 10.2 15.2

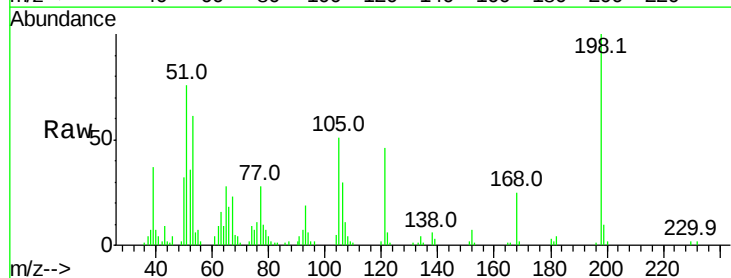


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

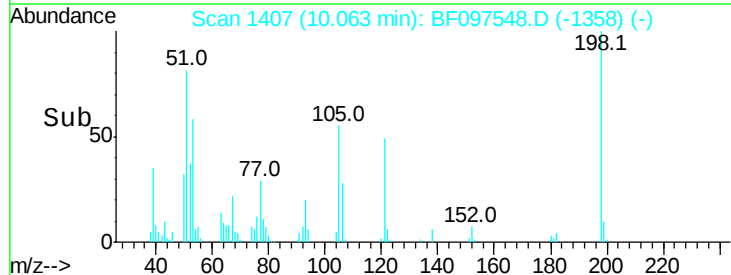
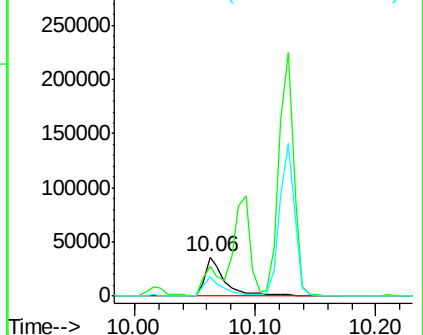


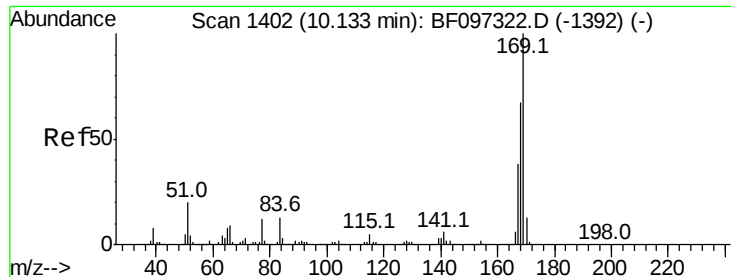
#64
4,6-Dinitro-2-methylphenol
Concen: 26.825 ng
RT: 10.06 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

Tgt Ion:198 Resp: 41534
Ion Ratio Lower Upper
198 100
51 75.9 53.2 93.2
105 51.1 45.8 85.8



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

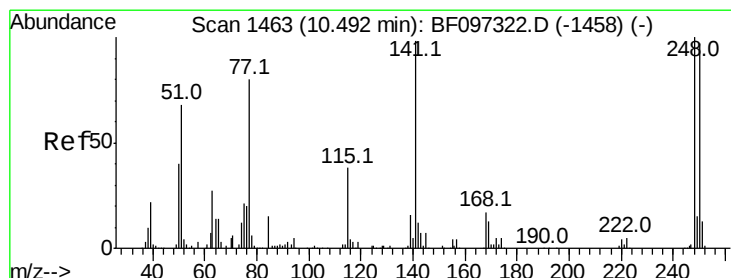
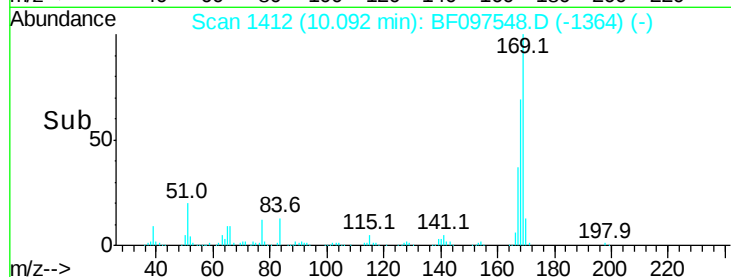
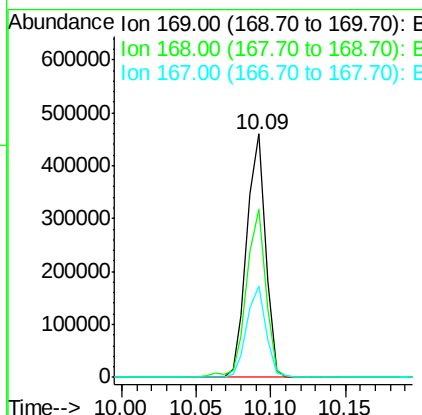
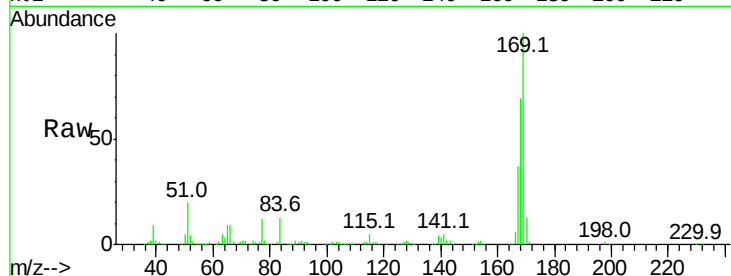




#65
 n-Nitrosodiphenylamine
 Concen: 46.509 ng
 RT: 10.09 min Scan# 1412
 Delta R.T. -0.02 min
 Lab File: BF097548.D
 Acq: 10 Aug 2017 8:24

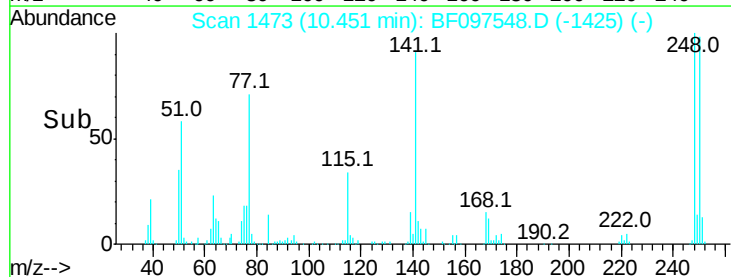
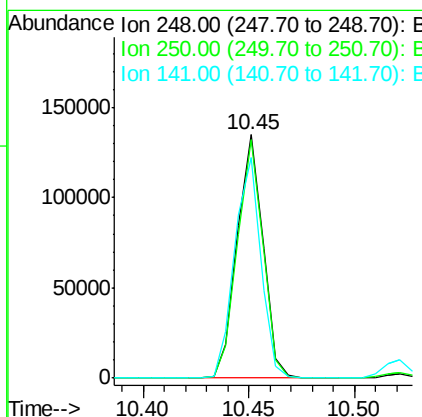
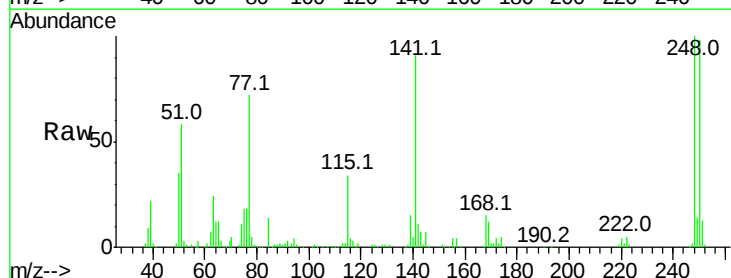
Instrument :
 BNA_F
 ClientSampleId :

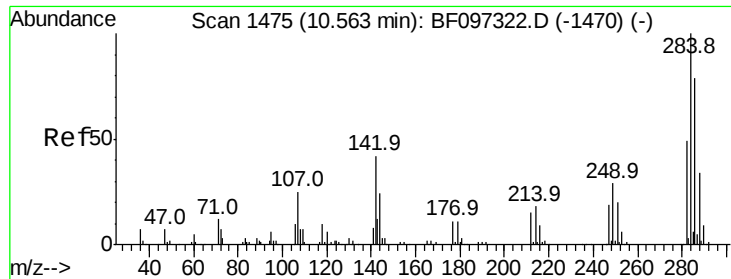
Tot Ion:169 Resp: 403219
 Ion Ratio Lower Upper
 169 100
 168 69.3 53.2 79.8
 167 37.5 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 45.986 ng
 RT: 10.45 min Scan# 1473
 Delta R.T. -0.02 min
 Lab File: BF097548.D
 Acq: 10 Aug 2017 8:24

Tgt Ion:248 Resp: 114350
 Ion Ratio Lower Upper
 248 100
 250 98.0 76.8 115.2
 141 90.8 68.6 103.0

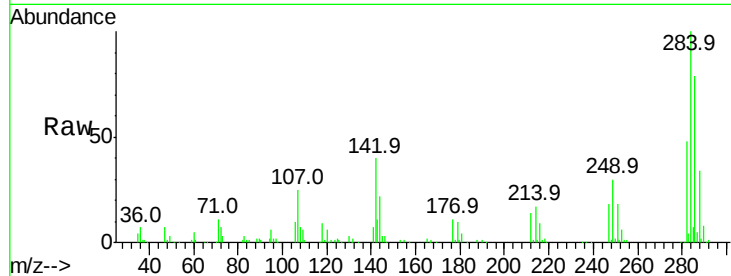




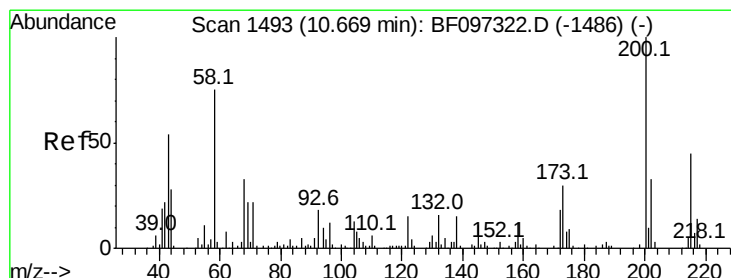
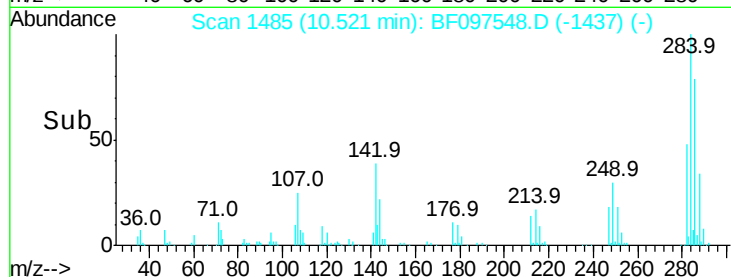
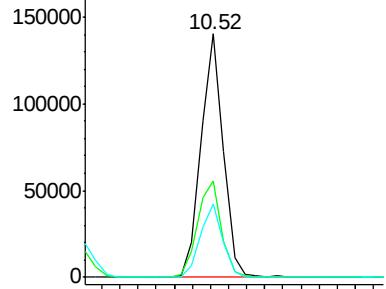
#67
Hexachlorobenzene
Concen: 43.060 ng
RT: 10.52 min Scan# 1485
Delta R.T. -0.02 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	39.6	22.8	34.2#
249	29.9	24.0	36.0

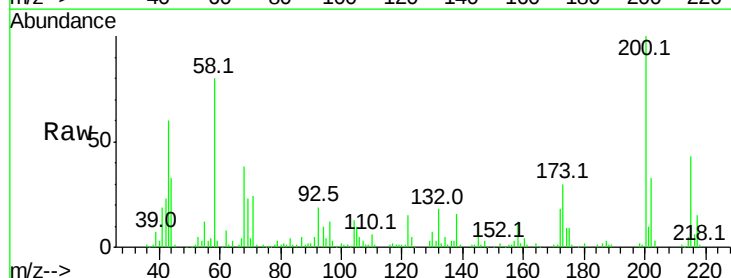


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

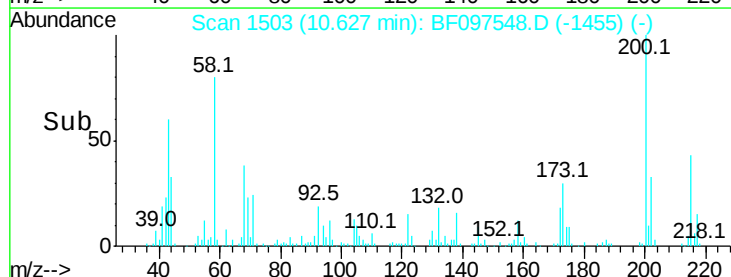
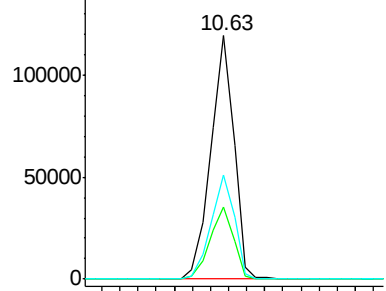


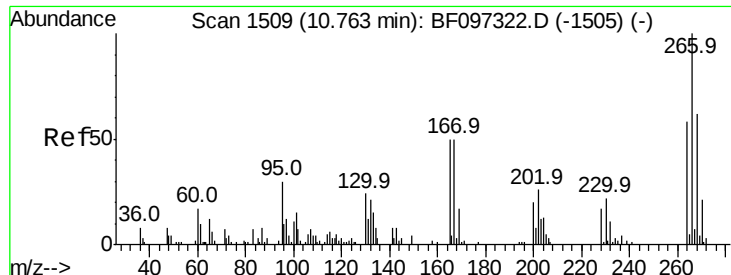
#68
Atrazine
Concen: 42.585 ng
RT: 10.63 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.6	6.3	46.3
215	43.0	27.2	67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

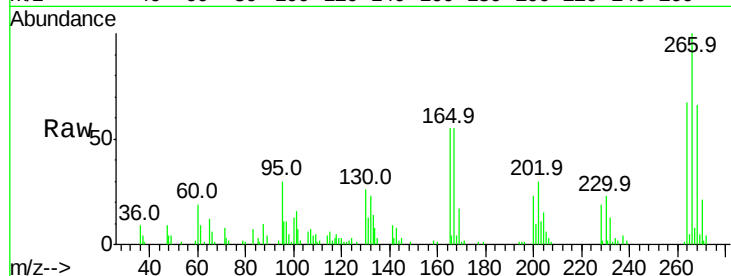




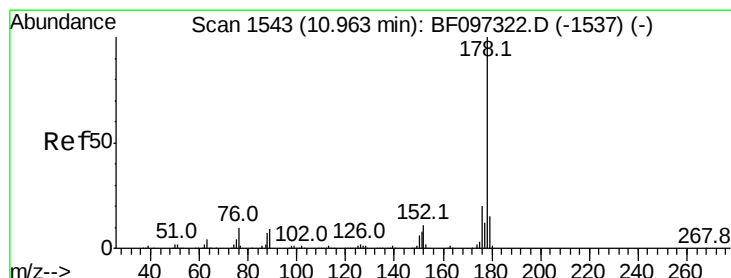
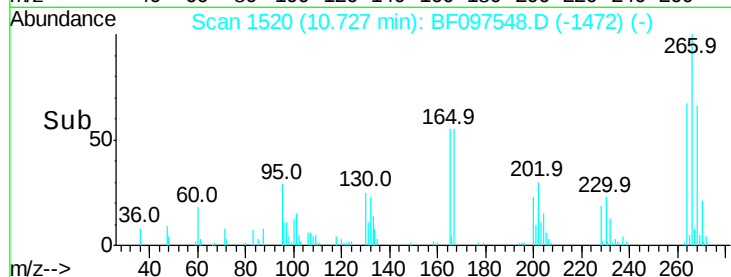
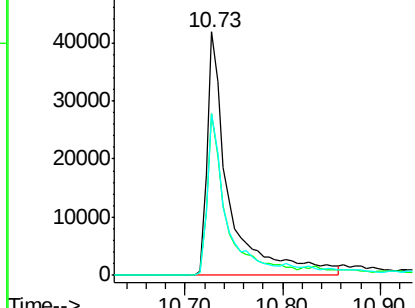
#69
 Pentachlorophenol
 Concen: 56.439 ng
 RT: 10.73 min Scan# 1520
 Delta R.T. -0.02 min
 Lab File: BF097548.D
 Acq: 10 Aug 2017 8:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 65117
 Ion Ratio Lower Upper
 266 100
 268 66.3 51.1 76.7
 264 66.5 51.7 77.5

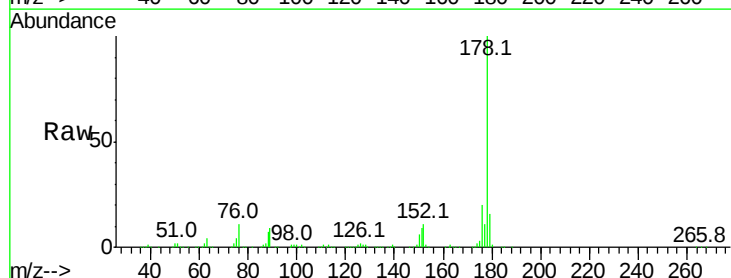


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

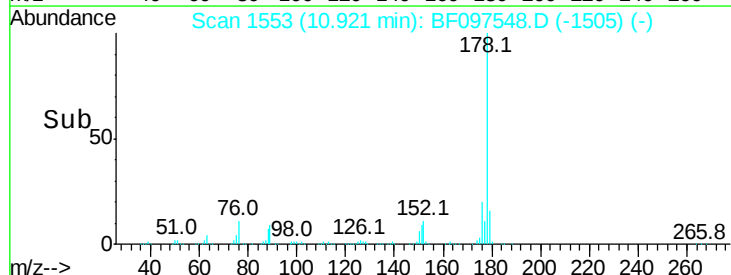
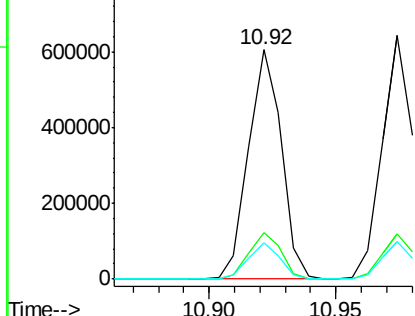


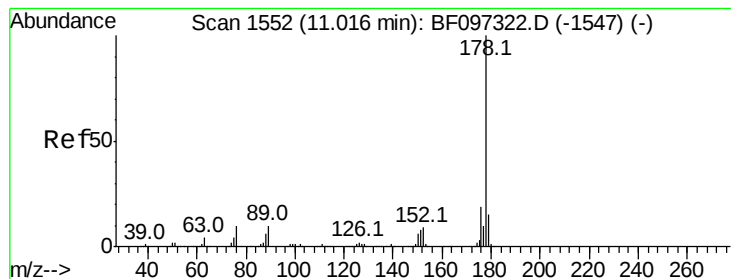
#70
 Phenanthrene
 Concen: 41.110 ng
 RT: 10.92 min Scan# 1553
 Delta R.T. -0.02 min
 Lab File: BF097548.D
 Acq: 10 Aug 2017 8:24

Tgt Ion:178 Resp: 548838
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 15.9 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: 40.597 ng

RT: 10.97 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

Instrument :

BNA_F

ClientSampleId :

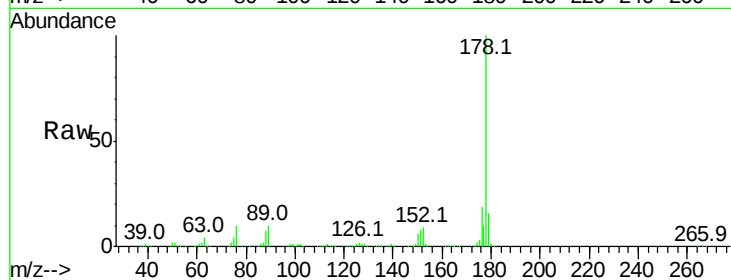
Tot Ion:178 Resp: 555127

Ion Ratio Lower Upper

178 100

176 18.6 15.8 23.8

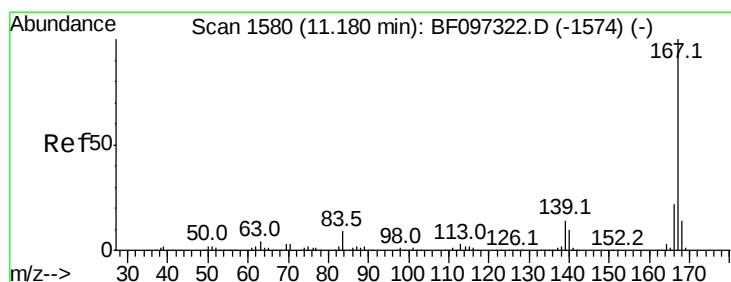
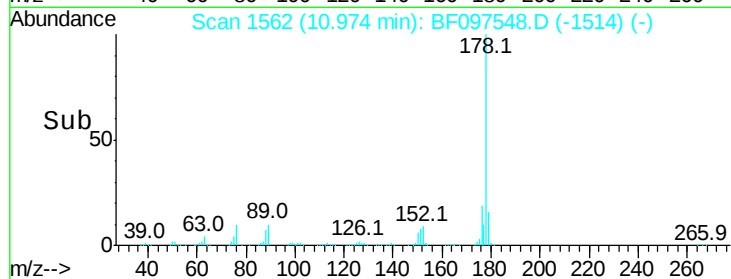
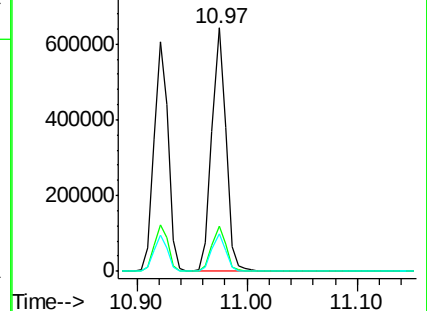
179 15.5 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.578 ng

RT: 11.14 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

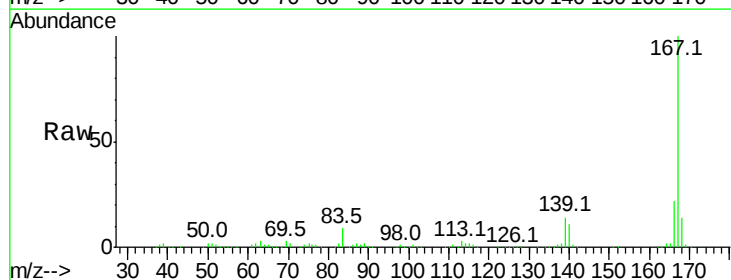
Tgt Ion:167 Resp: 532241

Ion Ratio Lower Upper

167 100

166 22.3 18.1 27.1

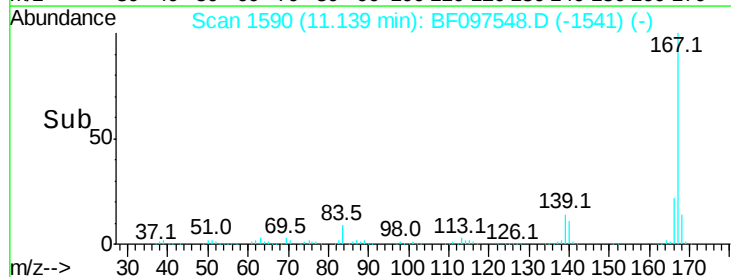
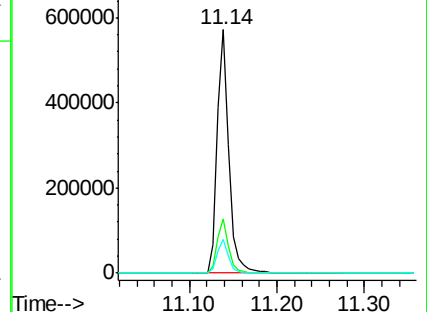
139 14.1 11.7 17.5

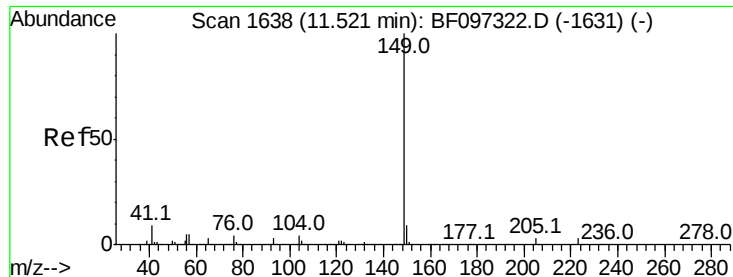


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.527 ng

RT: 11.48 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

Instrument :

BNA_F

ClientSampled :

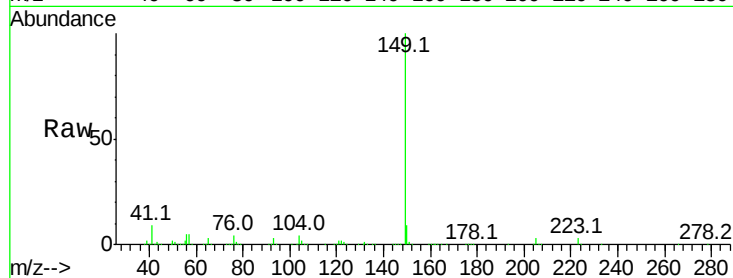
Tot Ion:149 Resp: 756804

Ion Ratio Lower Upper

149 100

150 8.7 7.7 11.5

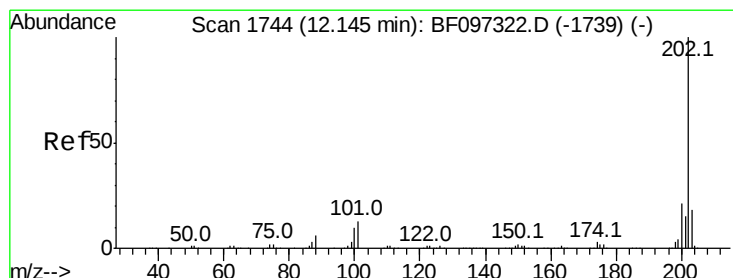
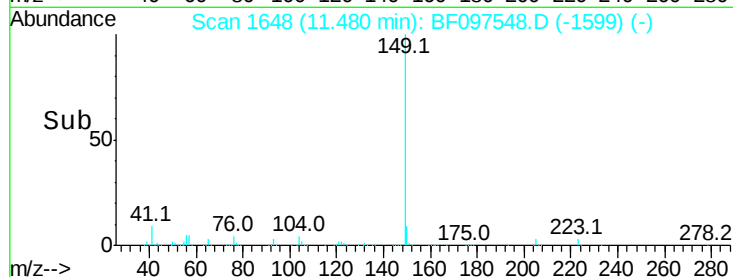
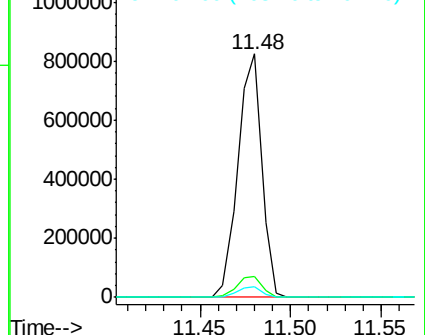
104 4.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.777 ng

RT: 12.10 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

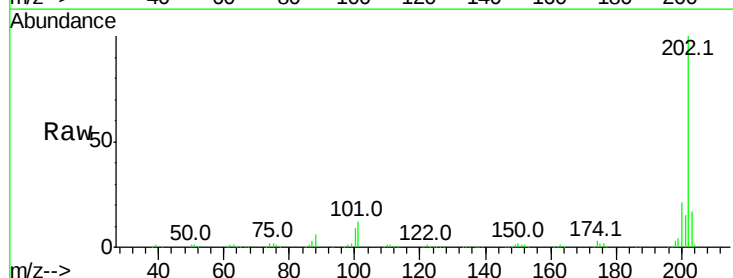
Tgt Ion:202 Resp: 441764

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.2

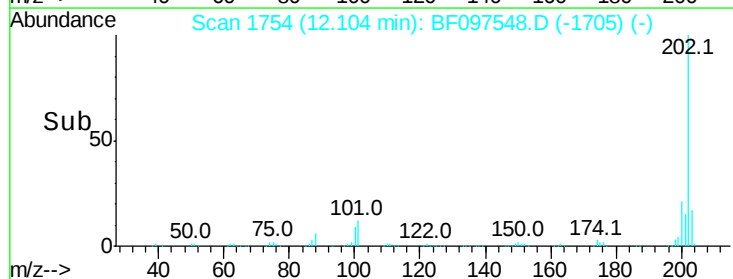
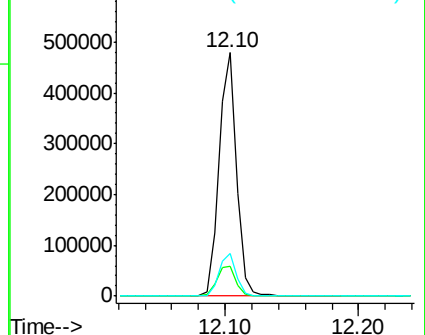
203 17.4 0.0 38.1

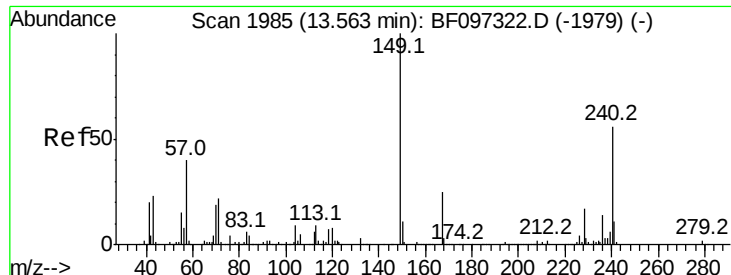


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

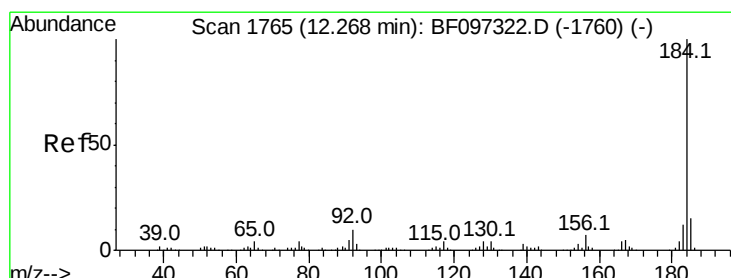
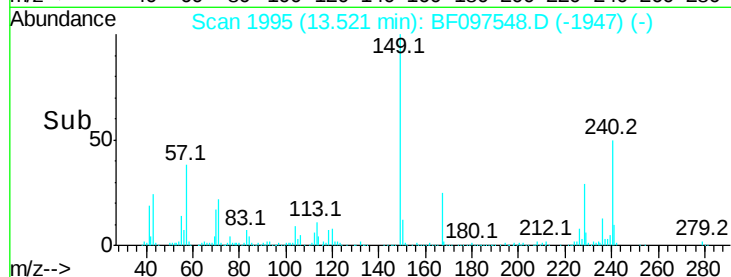
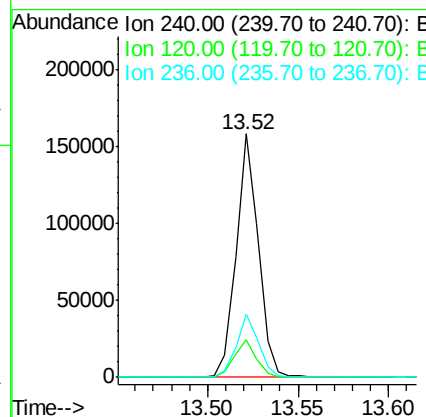
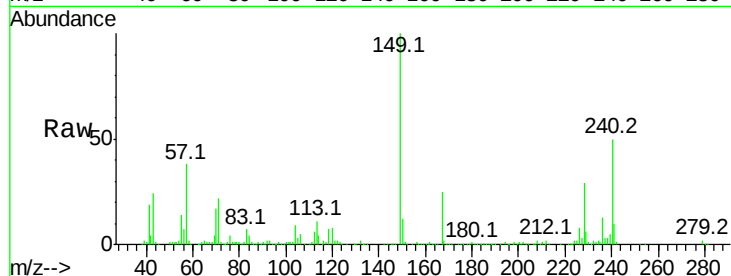




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

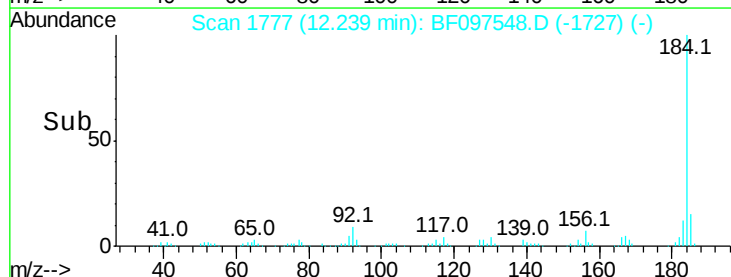
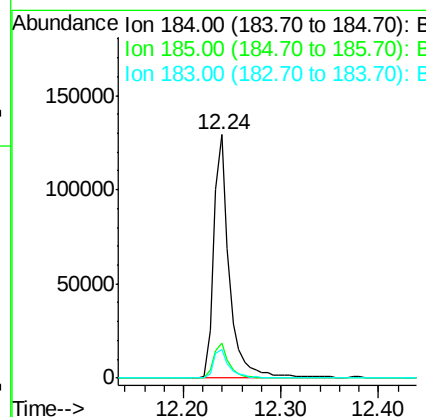
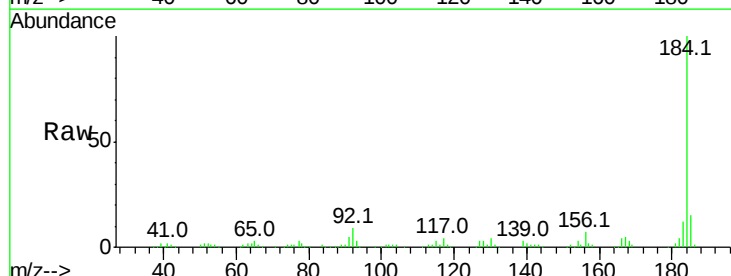
Instrument :
BNA_F
ClientSampleId :

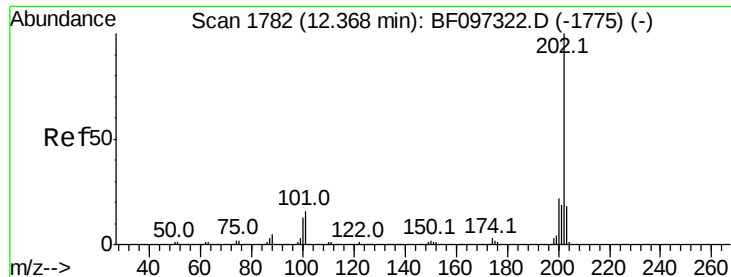
Tot Ion:240 Resp: 134686
Ion Ratio Lower Upper
240 100
120 15.2 5.8 8.8#
236 25.8 20.5 30.7



#76
Benzidine
Concen: 28.647 ng
RT: 12.24 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

Tgt Ion:184 Resp: 143164
Ion Ratio Lower Upper
184 100
185 14.6 15.5 23.3#
183 11.8 9.8 14.6

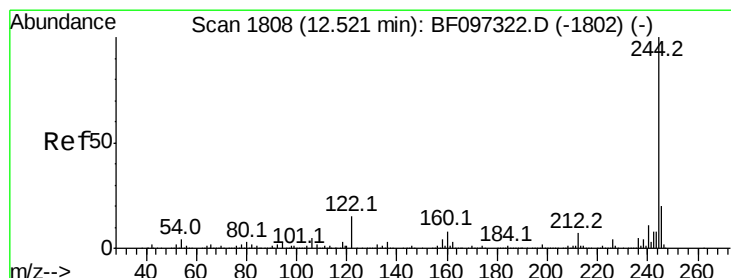
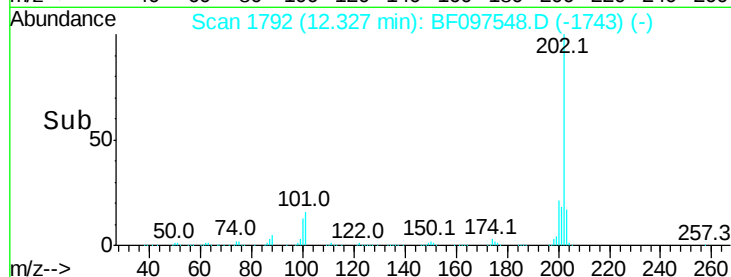
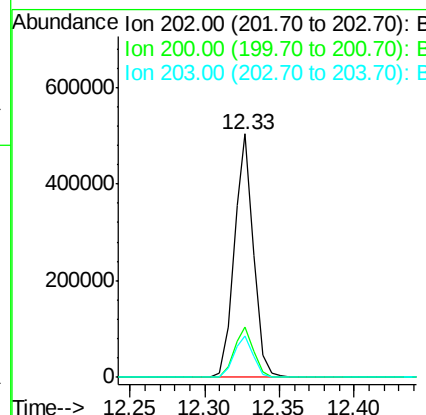
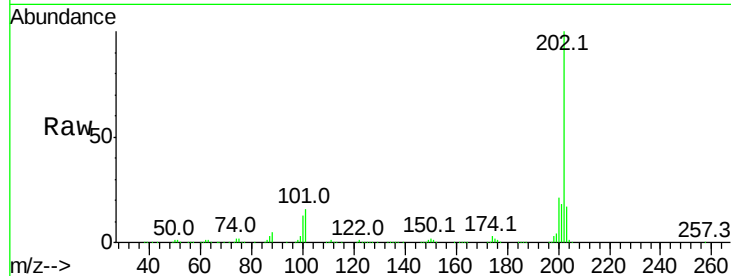




#77
Pvrene
Concen: 41.277 ng
RT: 12.33 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

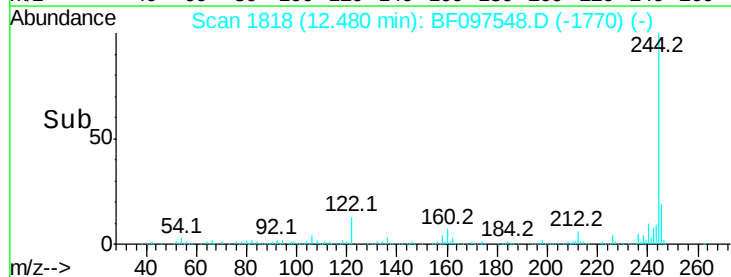
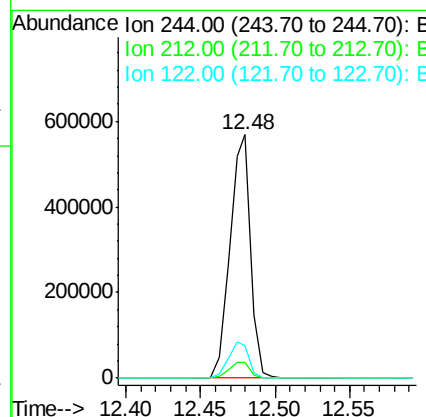
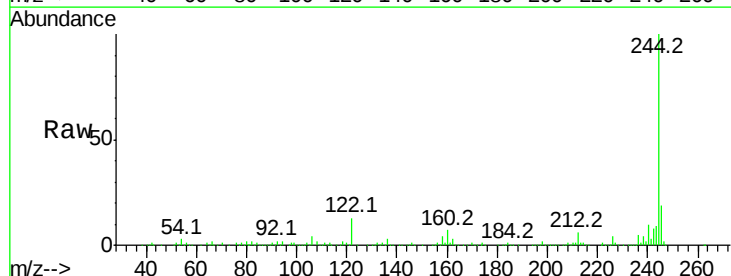
Instrument :
BNA_F
ClientSampleId :

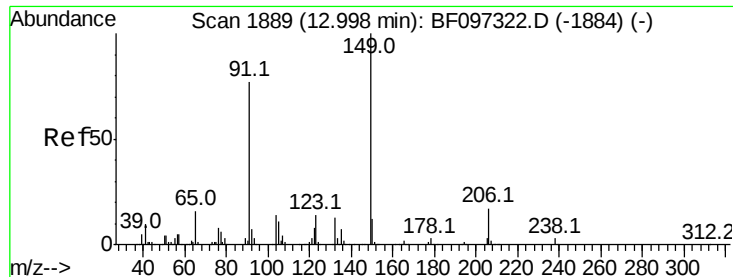
Tot Ion:202 Resp: 455138
Ion Ratio Lower Upper
202 100
200 20.8 17.6 26.4
203 16.9 14.4 21.6



#78
Terphenyl-d14
Concen: 84.148 ng
RT: 12.48 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

Tgt Ion:244 Resp: 555880
Ion Ratio Lower Upper
244 100
212 6.3 6.0 9.0
122 13.3 10.3 15.5

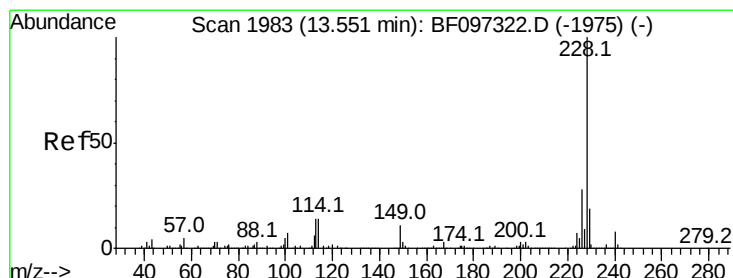
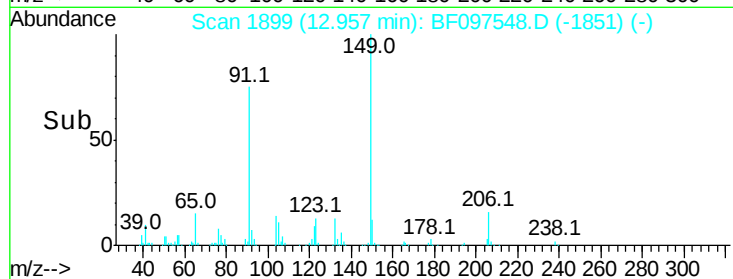
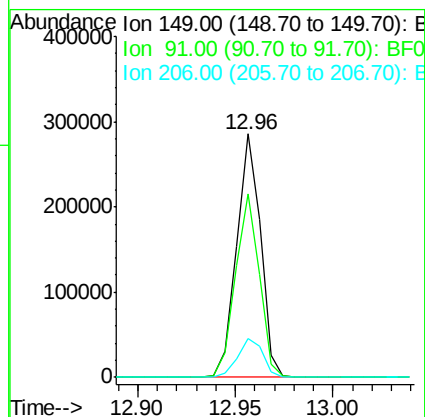
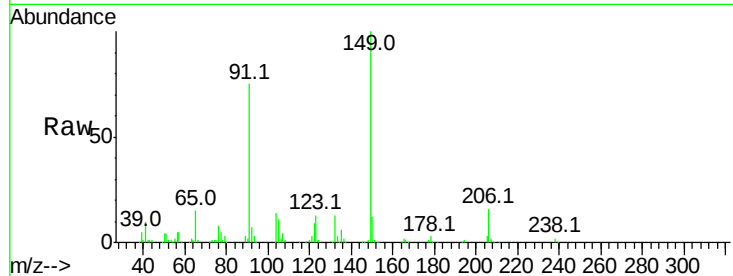




#79
Butylbenzylphthalate
Concen: 43.310 ng
RT: 12.96 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

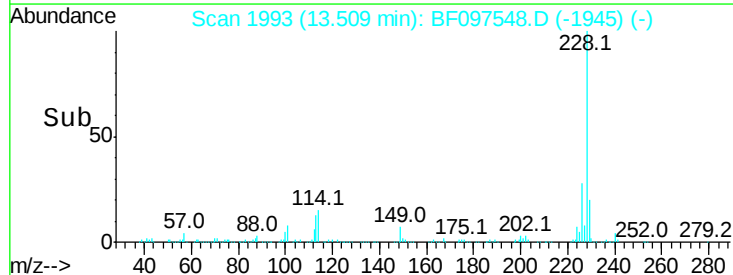
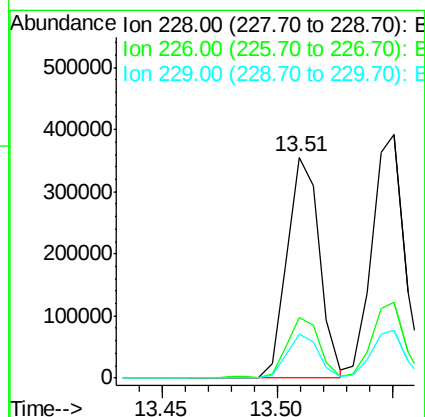
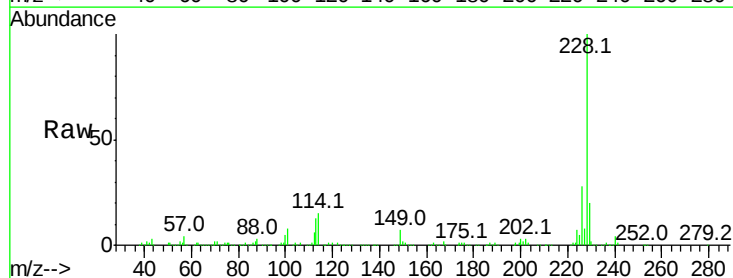
Instrument :
BNA_F
ClientSampleId :

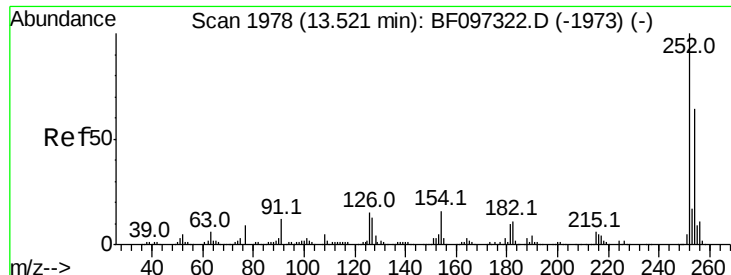
Tot Ion	Ratio	Lower	Upper
149	100		
91	75.4	45.0	67.4#
206	16.2	17.0	25.6#



#80
Benzo(a)anthracene
Concen: 39.423 ng
RT: 13.51 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.1	16.3	24.5

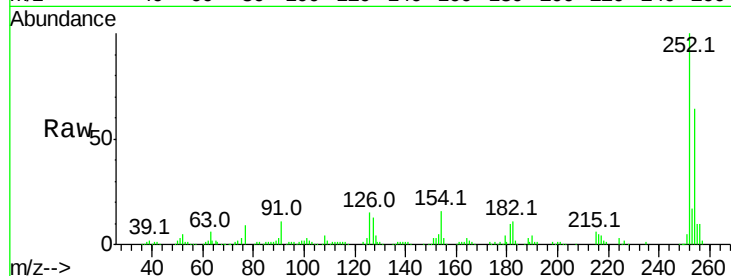




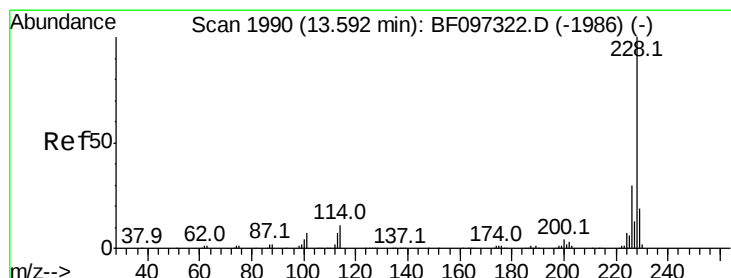
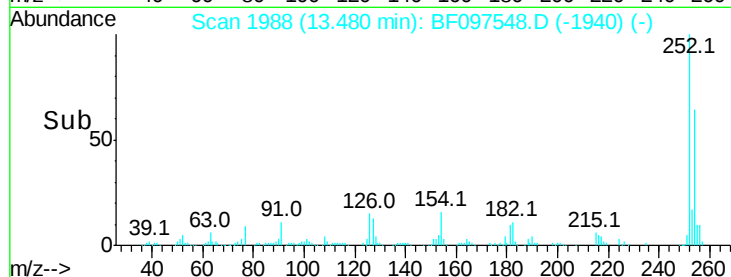
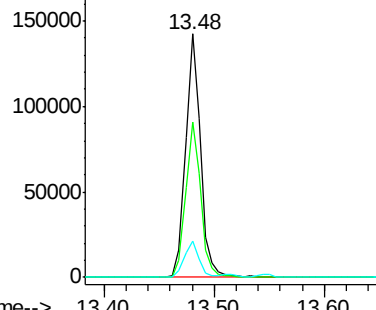
#81
 3,3'-Dichlorobenzidine
 Concen: 40.594 ng
 RT: 13.48 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BF097548.D
 Acq: 10 Aug 2017 8:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.5	77.3
126	14.8	15.8	23.8

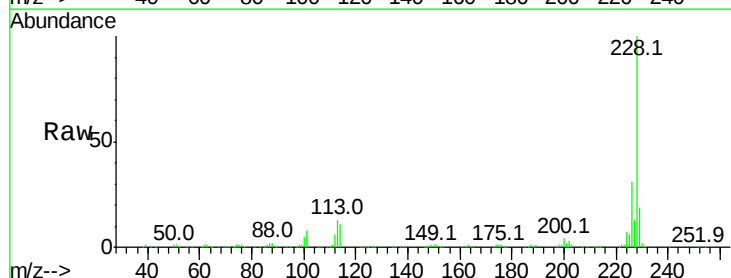


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

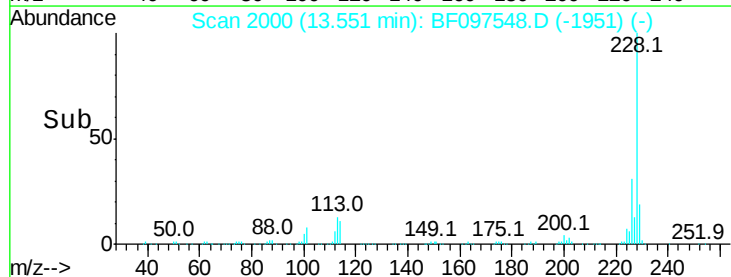
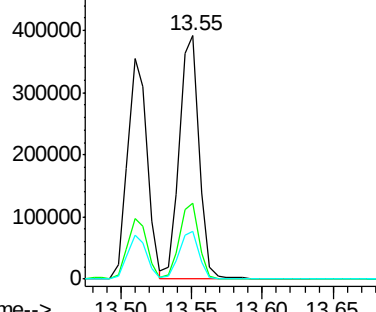


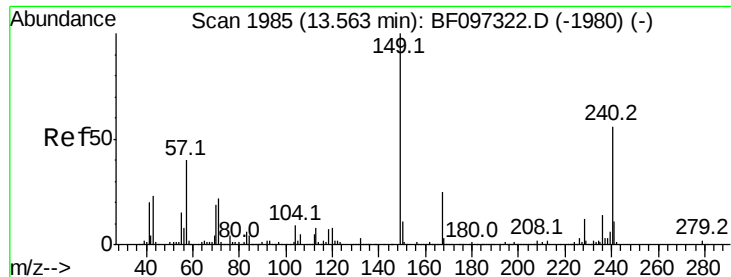
#82
 Chrysene
 Concen: 44.848 ng
 RT: 13.55 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF097548.D
 Acq: 10 Aug 2017 8:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	19.4	15.8	23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.853 ng

RT: 13.52 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

Instrument :

BNA_F

ClientSampleId :

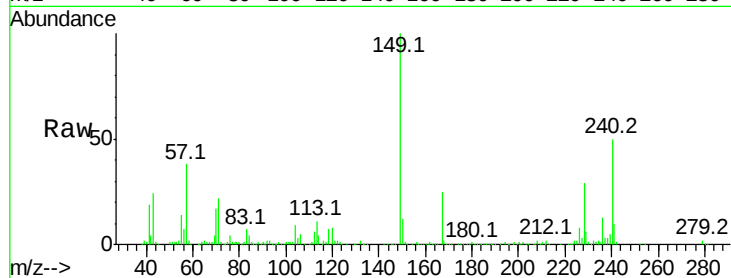
Tot Ion:149 Resp: 299173

Ion Ratio Lower Upper

149 100

167 25.0 21.0 31.4

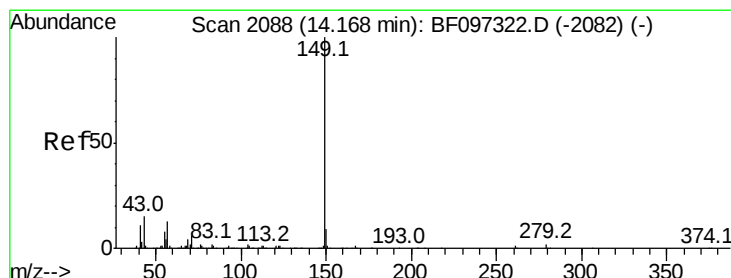
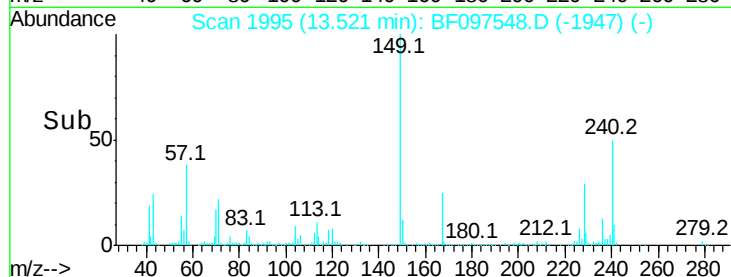
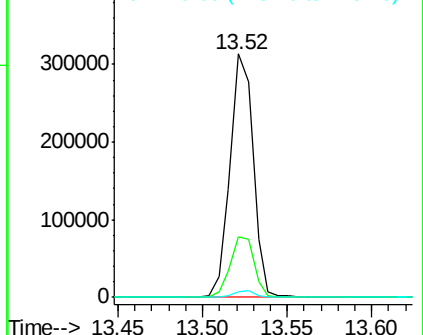
279 2.4 1.9 2.9



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: 45.909 ng

RT: 14.13 min Scan# 2098

Delta R.T. -0.02 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

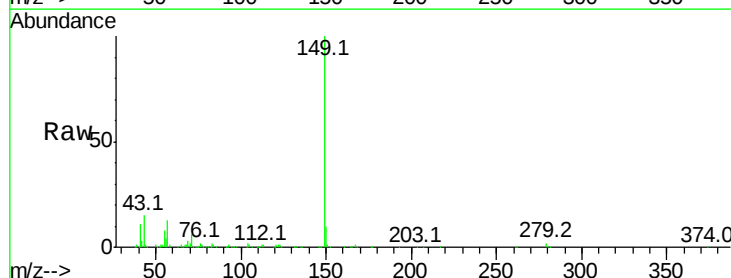
Tgt Ion:149 Resp: 616964

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

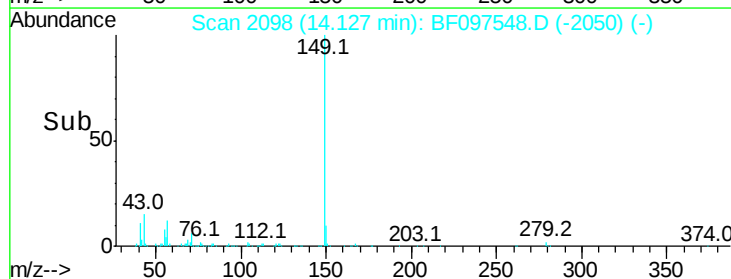
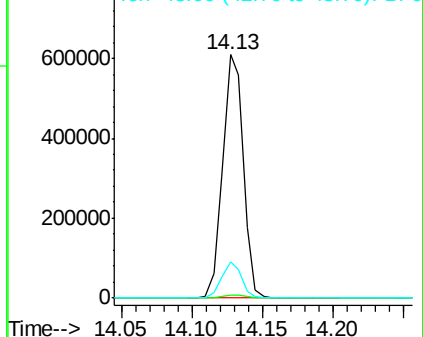
43 14.3 8.5 12.7#

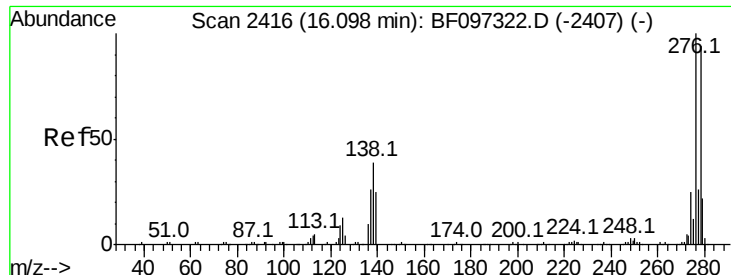


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

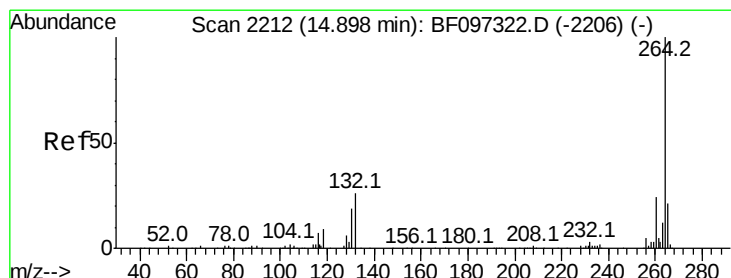
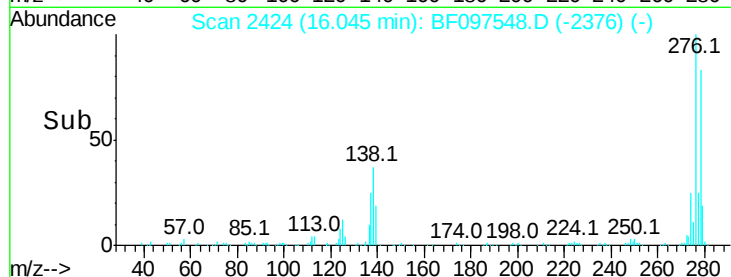
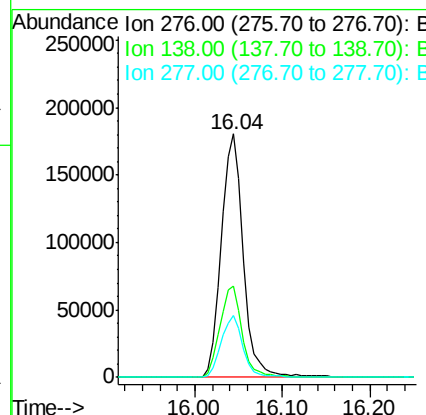
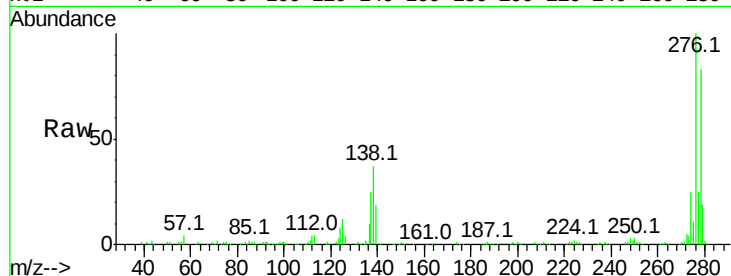




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.147 ng
 RT: 16.04 min Scan# 2424
 Delta R.T. -0.02 min
 Lab File: BF097548.D
 Acq: 10 Aug 2017 8:24

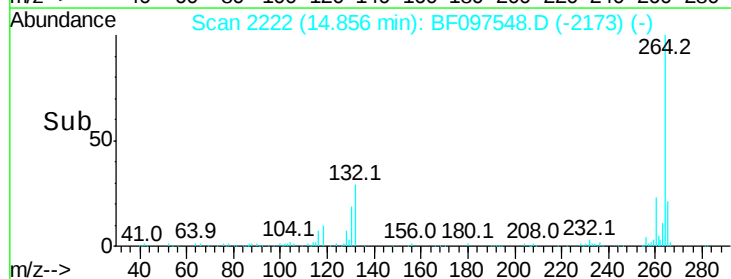
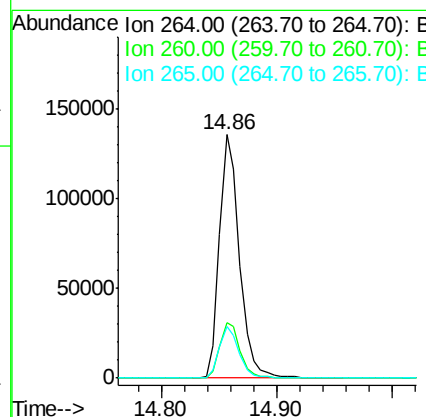
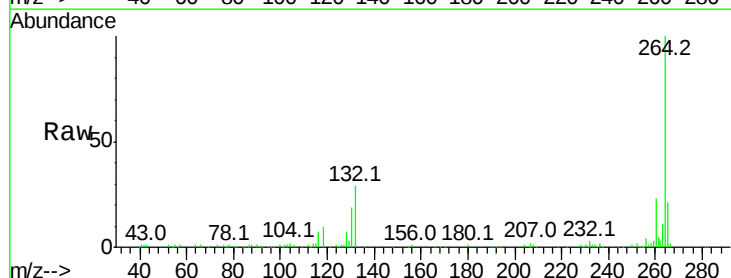
Instrument :
 BNA_F
 ClientSampled :

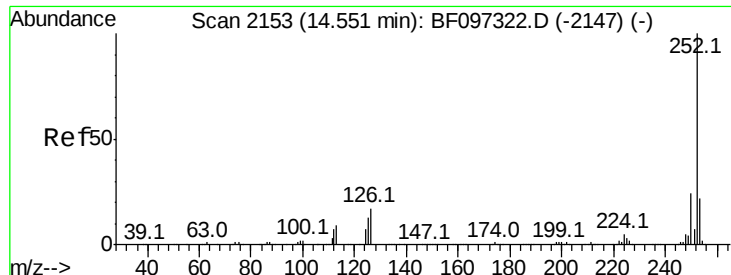
Tot Ion	Ratio	Lower	Upper
276	100		
138	38.1	27.8	41.6
277	25.0	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.86 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BF097548.D
 Acq: 10 Aug 2017 8:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.095 ng

RT: 14.52 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

Instrument :

BNA_F

ClientSampled :

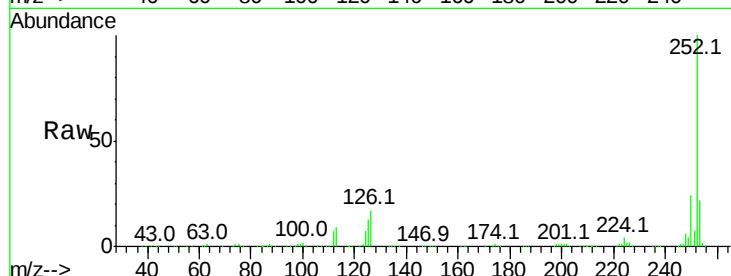
Tot Ion:252 Resp: 413746

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

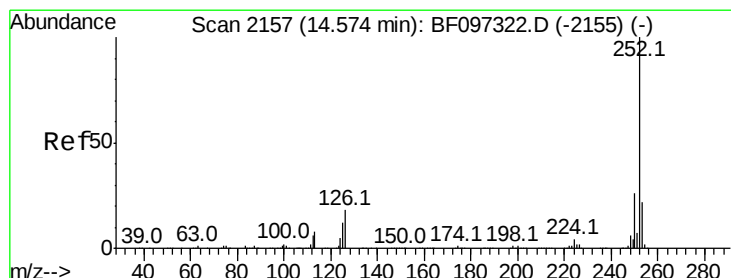
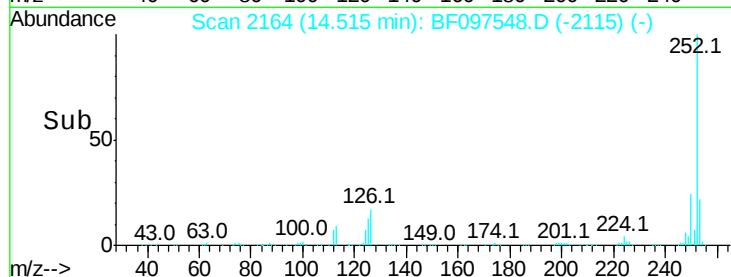
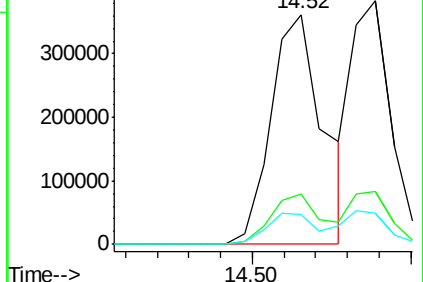
125 12.7 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 33.155 ng

RT: 14.81 min Scan# 2214

Delta R.T. 0.26 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

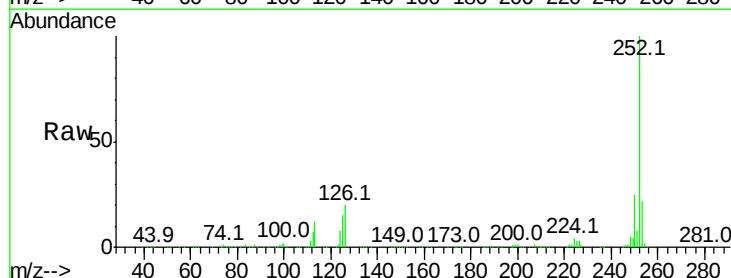
Tgt Ion:252 Resp: 310527

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

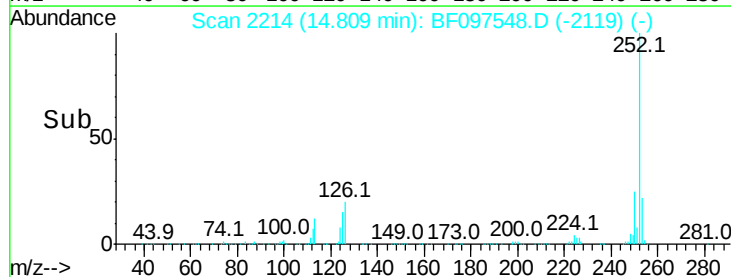
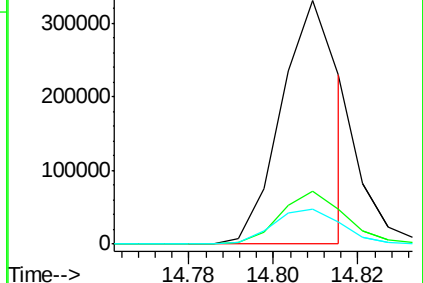
125 14.6 13.1 19.7

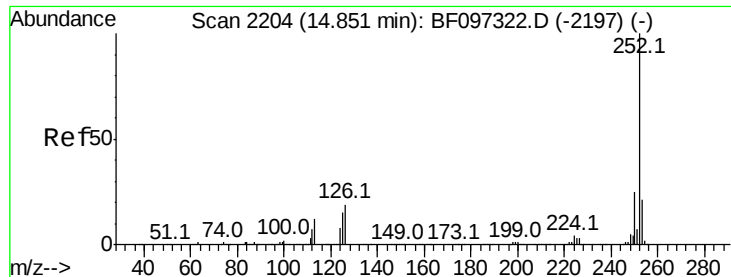


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

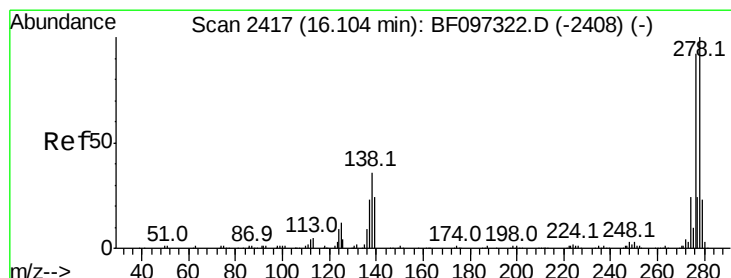
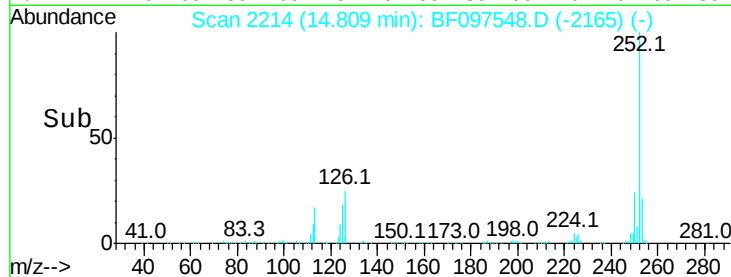
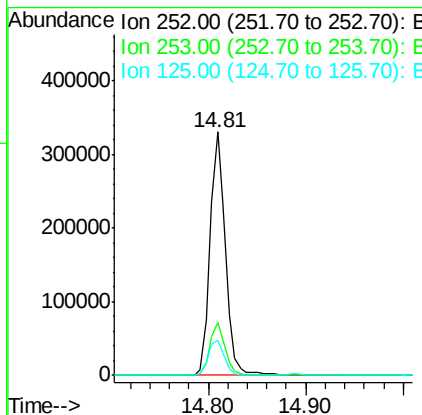
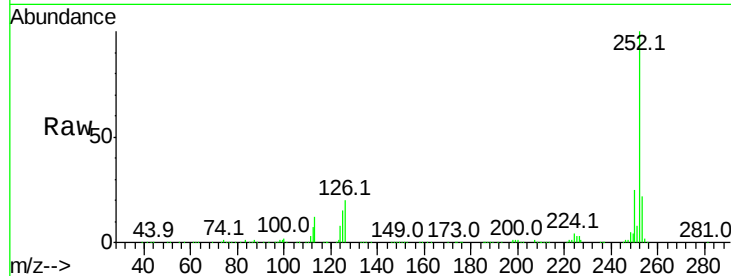




#89
Benzo(a)pyrene
Concen: 40.047 ng
RT: 14.81 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

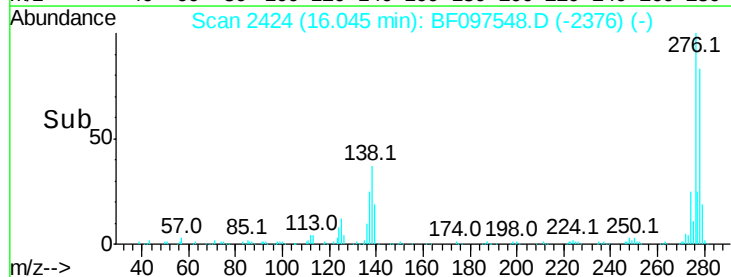
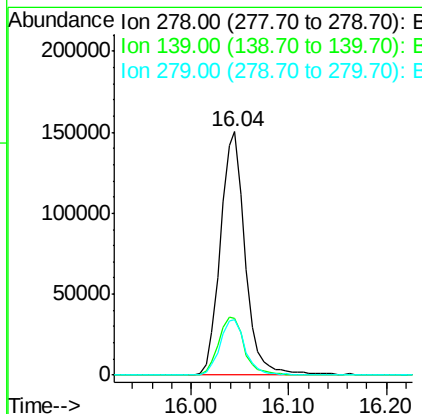
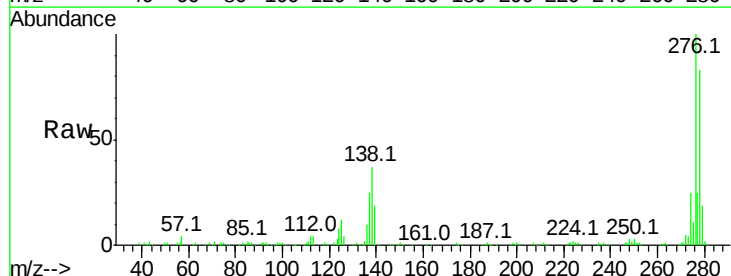
Instrument :
BNA_F
ClientSampleId :

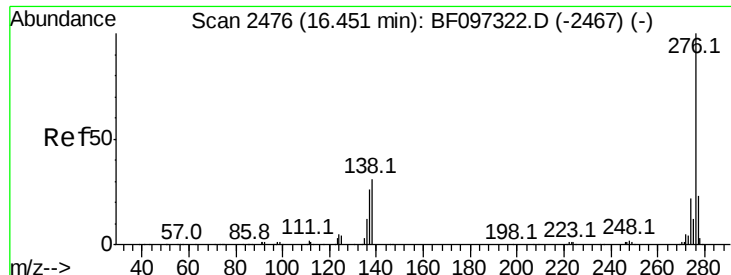
Tot Ion:252 Resp: 360246
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 14.6 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 35.797 ng
RT: 16.04 min Scan# 2424
Delta R.T. -0.02 min
Lab File: BF097548.D
Acq: 10 Aug 2017 8:24

Tgt Ion:278 Resp: 264066
Ion Ratio Lower Upper
278 100
139 23.2 16.6 24.8
279 22.8 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 33.246 ng

RT: 16.39 min Scan# 2483

Delta R.T. -0.02 min

Lab File: BF097548.D

Acq: 10 Aug 2017 8:24

Instrument :

BNA_F

ClientSampleId :

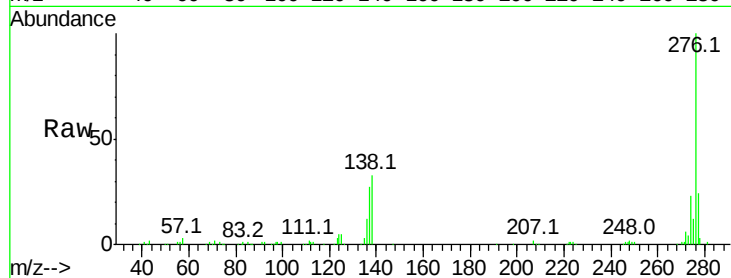
Tot Ion:276 Resp: 257184

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 33.2 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

