

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
 Data File : BF097391.D
 Acq On : 5 Aug 2017 12:25
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 06 01:04:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.42	152	92505	20.00	ng	-0.08
21) Naphthalene-d8	7.71	136	409120	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	177514	20.00	ng	-0.08
63) Phenanthrene-d10	10.92	188	291558	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	194124	20.00	ng	-0.08
86) Perylene-d12	14.88	264	170993	20.00	ng	-0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	538818	87.81	ng	-0.08
7) Phenol-d6	6.10	99	603748	86.18	ng	-0.07
23) Nitrobenzene-d5	7.00	82	600467	86.10	ng	-0.07
41) 2,4,6-Tribromophenol	10.24	330	115088	82.06	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	867569	82.94	ng	-0.08
78) Terphenyl-d14	12.50	244	786872	82.64	ng	-0.08

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.92	88	99439	38.83	ng	# 70
3) Pyridine	2.51	79	324791	41.42	ng	# 62
4) n-Nitrosodimethylamine	2.48	42	185030	42.59	ng	# 79
6) Aniline	6.09	93	402960	45.71	ng	96
8) 2-Chlorophenol	6.22	128	281763	42.94	ng	92
9) Benzaldehyde	5.97	77	215508	51.97	ng	97
10) Phenol	6.11	94	371957	44.76	ng	98
11) bis(2-Chloroethyl)ether	6.17	93	278032	42.31	ng	91
12) 1,3-Dichlorobenzene	6.36	146	294562	41.66	ng	99
13) 1,4-Dichlorobenzene	6.45	146	299907	42.80	ng	97
14) 1,2-Dichlorobenzene	6.60	146	259066	42.34	ng	97
15) Benzyl Alcohol	6.59	79	205214	46.27	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.72	45	570250	43.26	ng	55
17) 2-Methylphenol	6.72	107	227292	44.88	ng	# 89
18) Hexachloroethane	6.93	117	118607	46.26	ng	# 83
19) n-Nitroso-di-n-propylamine	6.86	70	222793	48.32	ng	# 83
20) 3+4-Methylphenols	6.88	107	325318	49.19	ng	# 63
22) Acetophenone	6.85	105	416559	42.40	ng	98
24) Nitrobenzene	7.02	77	323947	44.60	ng	92
25) Isophorone	7.26	82	530886	38.87	ng	98
26) 2-Nitrophenol	7.34	139	160971	40.96	ng	# 88
27) 2,4-Dimethylphenol	7.40	122	255099	39.35	ng	97
28) bis(2-Chloroethoxy)methane	7.48	93	348641	39.12	ng	99
29) 2,4-Dichlorophenol	7.59	162	234752	42.04	ng	95
30) 1,2,4-Trichlorobenzene	7.66	180	211983	39.83	ng	98
31) Naphthalene	7.73	128	776116	40.24	ng	99
32) Benzoic acid	7.57	122	191100	39.48	ng	97
33) 4-Chloroaniline	7.79	127	323030	41.17	ng	98
34) Hexachlorobutadiene	7.86	225	110403	39.12	ng	98
35) Caprolactam	8.17	113	48802	27.25	ng	# 50
36) 4-Chloro-3-methylphenol	8.30	107	254951	41.85	ng	90
37) 2-Methylnaphthalene	8.42	142	519583	42.55	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.59	216	195265	41.23	ng	99
40) Hexachlorocyclopentadiene	8.57	237	56335	37.80	ng	99

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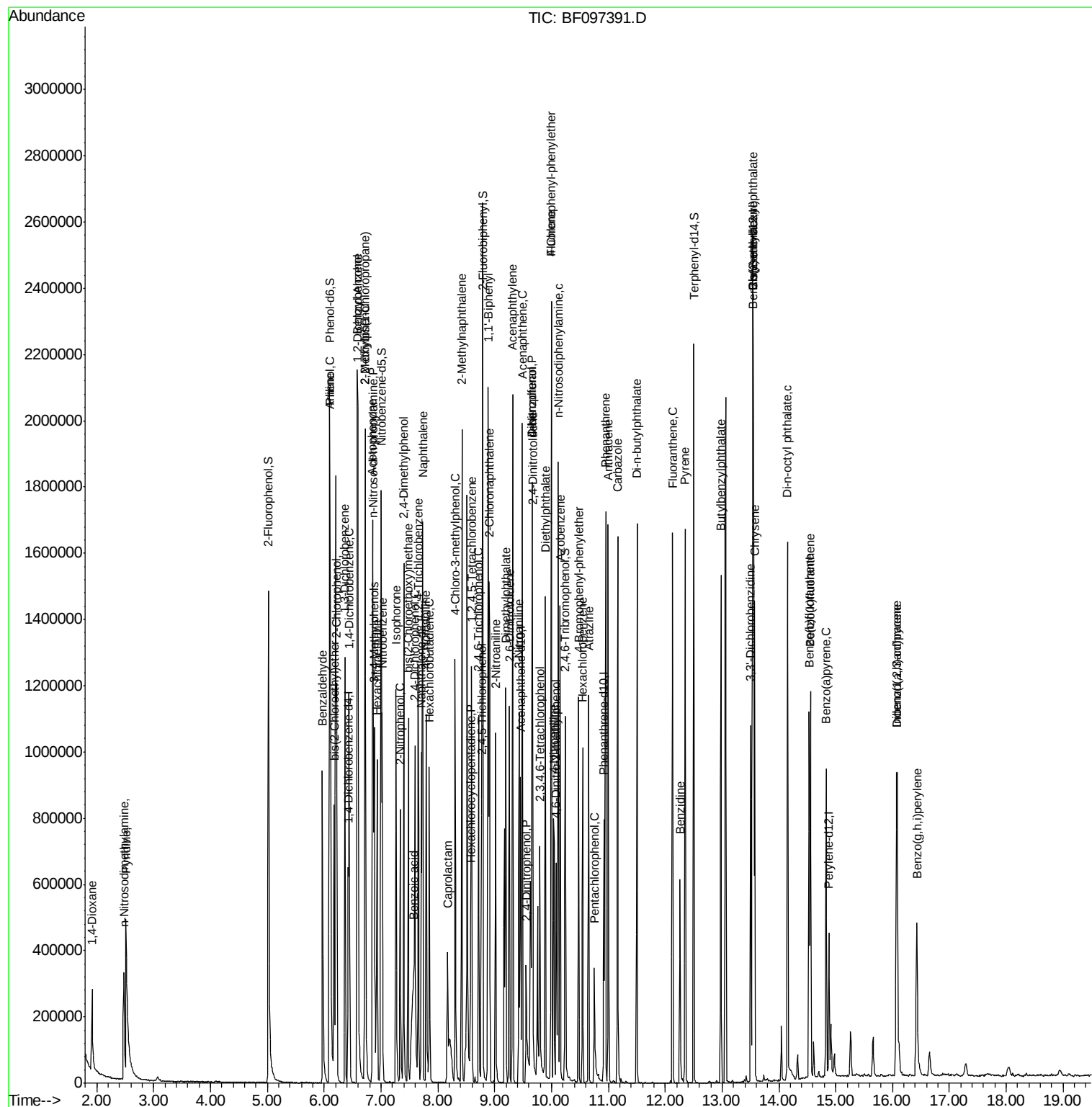
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.72	196	141313	41.17	nq	98
43) 2,4,5-Trichlorophenol	8.76	196	136010	39.59	nq	97
45) 1,1'-Biphenyl	8.89	154	619659	40.87	nq	97
46) 2-Chloronaphthalene	8.90	162	456358	40.90	nq	93
47) 2-Nitroaniline	9.02	65	172717	42.65	nq	97
48) Acenaphthylene	9.32	152	683883	39.93	nq	99
49) Dimethylphthalate	9.20	163	555842	41.23	nq	99
50) 2,6-Dinitrotoluene	9.26	165	118283	41.37	nq	# 89
51) Acenaphthene	9.49	154	407412	40.39	nq	99
52) 3-Nitroaniline	9.43	138	157133	44.28	nq	96
53) 2,4-Dinitrophenol	9.55	184	65980	50.76	nq	# 71
54) Dibenzofuran	9.66	168	578731	43.07	nq	94
55) 4-Nitrophenol	9.66	139	372025	176.28	nq	# 33
56) 2,4-Dinitrotoluene	9.67	165	154346	46.96	nq	# 76
57) Fluorene	10.00	166	435441	43.12	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.79	232	94649	39.90	nq	98
59) Diethylphthalate	9.89	149	538680	43.56	nq	100
60) 4-Chlorophenyl-phenylether	9.99	204	180924	43.38	nq	99
61) 4-Nitroaniline	10.05	138	145229	43.07	nq	91
62) Azobenzene	10.15	77	553055	48.21	nq	92
64) 4,6-Dinitro-2-methylphenol	10.08	198	81232	44.84	nq	87
65) n-Nitrosodiphenylamine	10.12	169	441073	43.48	nq	97
66) 4-Bromophenyl-phenylether	10.48	248	121228	41.66	nq	97
67) Hexachlorobenzene	10.55	284	134194	41.13	nq	# 87
68) Atrazine	10.65	200	111179	38.22	nq	93
69) Pentachlorophenol	10.75	266	52268	38.72	nq	98
70) Phenanthrene	10.95	178	636876	40.77	nq	99
71) Anthracene	11.00	178	672561	42.03	nq	98
72) Carbazole	11.16	167	660770	41.99	nq	99
73) Di-n-butylphthalate	11.50	149	825789	42.45	nq	98
74) Fluoranthene	12.13	202	636586	41.60	nq	99
76) Benzidine	12.26	184	227555	31.59	nq	# 94
77) Pyrene	12.35	202	664667	41.82	nq	99
79) Butylbenzylphthalate	12.98	149	352175	43.56	nq	# 74
80) Benzo(a)anthracene	13.53	228	513270	40.86	nq	99
81) 3,3'-Dichlorobenzidine	13.50	252	198789	41.97	nq	# 97
82) Chrysene	13.57	228	523298	42.67	nq	99
83) Bis(2-ethylhexyl)phthalate	13.55	149	451296	42.76	nq	# 99
84) Di-n-octyl phthalate	14.15	149	773509	39.93	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.07	276	374667	35.62	nq	97
87) Benzo(b)fluoranthene	14.53	252	426201	41.46	nq	97
88) Benzo(k)fluoranthene	14.56	252	389941	39.81	nq	96
89) Benzo(a)pyrene	14.83	252	392180	41.69	nq	99
90) Dibenzo(a,h)anthracene	16.08	278	301218	39.05	nq	96
91) Benzo(g,h,i)perylene	16.43	276	326980	40.42	nq	97

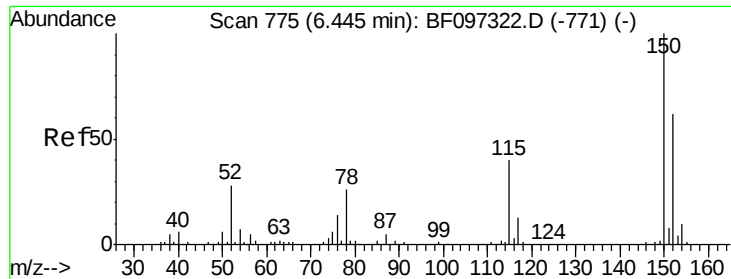
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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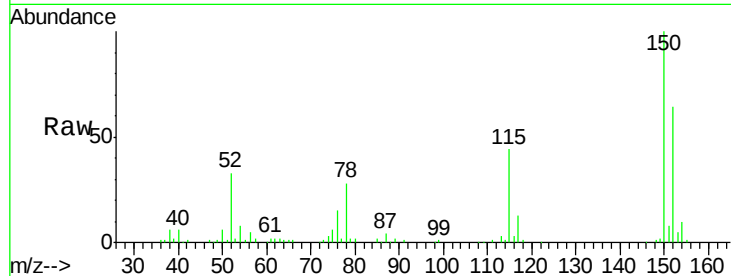


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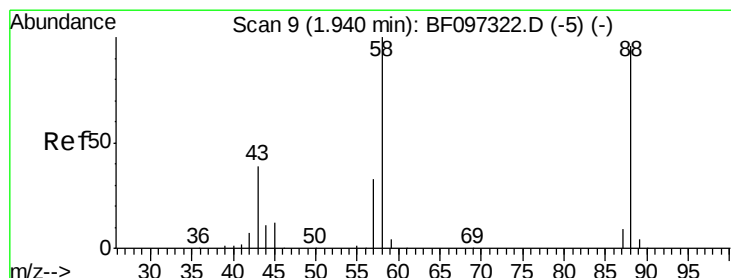
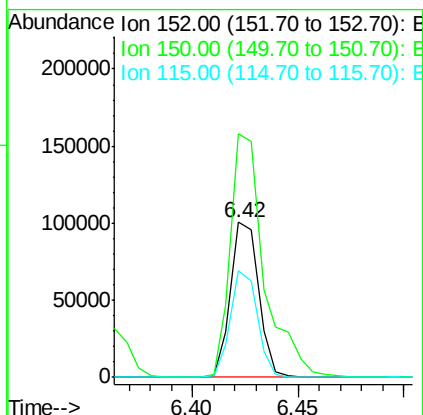
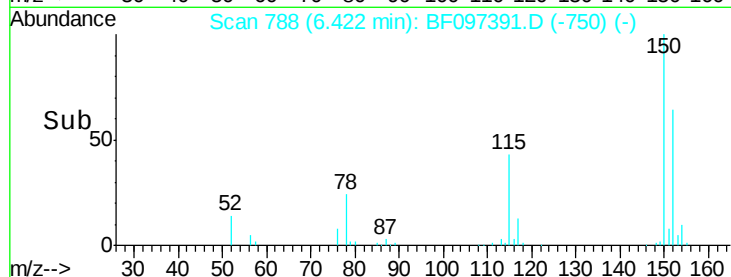
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.42 min Scan# 788
Delta R.T. -0.08 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92505
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 68.7 52.2 78.2



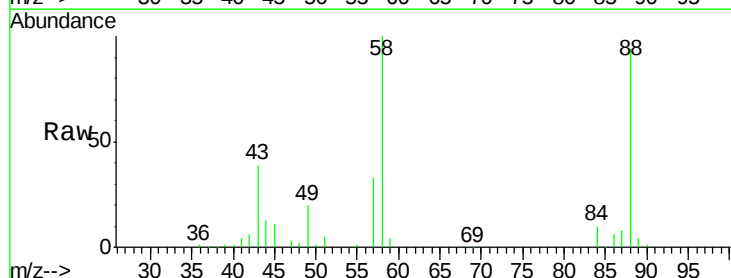
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



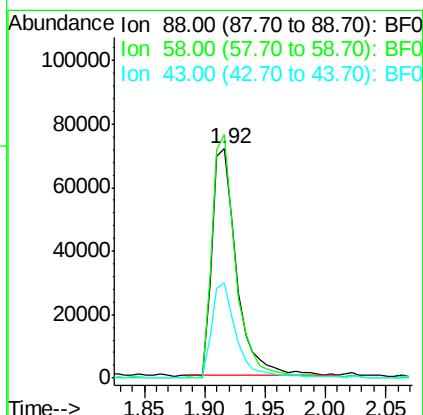
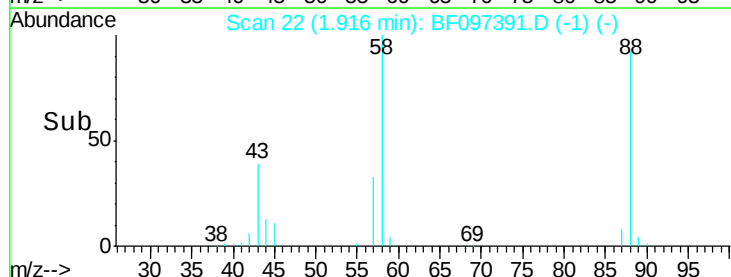
#2

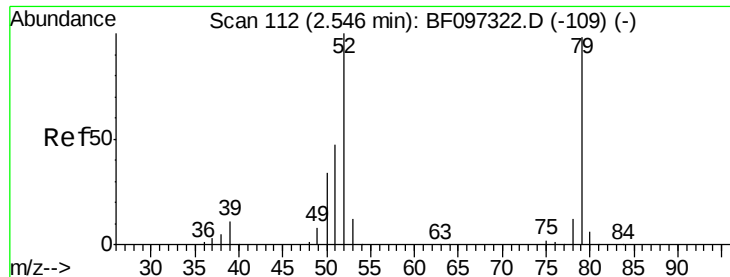
1,4-Dioxane
Concen: 38.83 ng
RT: 1.92 min Scan# 22
Delta R.T. -0.13 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

Tgt Ion: 88 Resp: 99439
Ion Ratio Lower Upper
88 100
58 104.5 61.4 92.0#
43 42.9 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: 41.42 ng

RT: 2.51 min Scan# 123

Delta R.T. -0.15 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

Instrument :

BNA_F

ClientSampleId :

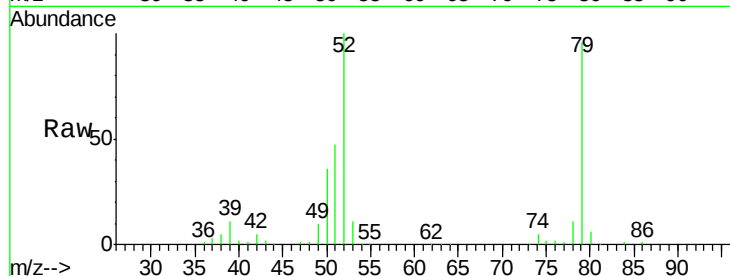
Tot Ion: 79 Resp: 324791

Ion Ratio Lower Upper

79 100

52 103.9 54.8 82.2#

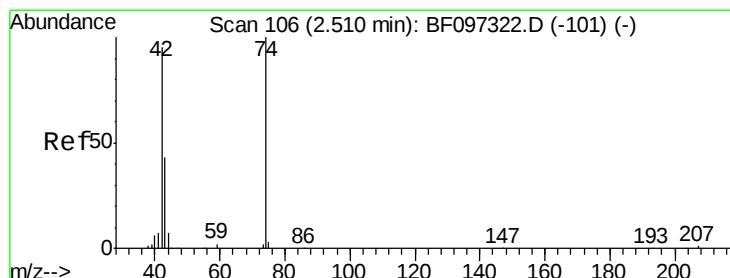
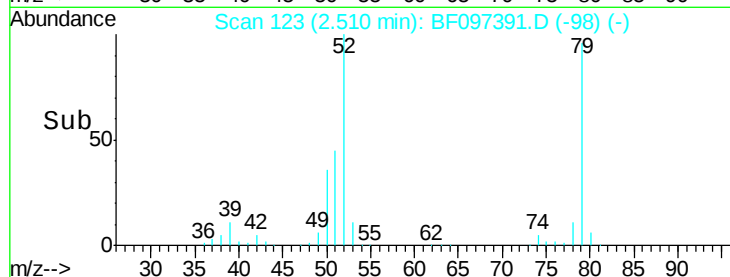
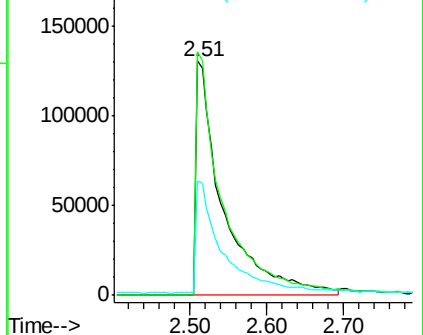
51 48.7 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 42.59 ng

RT: 2.48 min Scan# 117

Delta R.T. -0.15 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

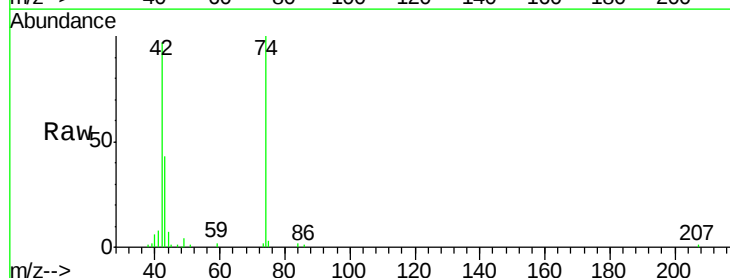
Tgt Ion: 42 Resp: 185030

Ion Ratio Lower Upper

42 100

74 103.6 103.9 155.9#

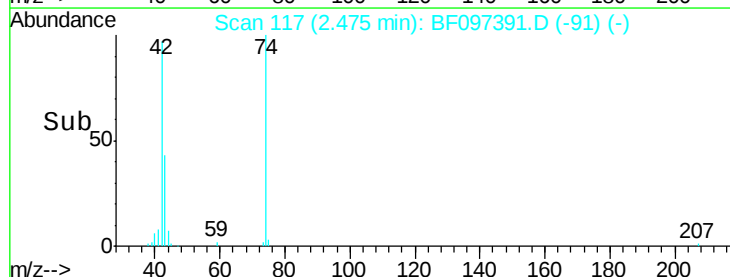
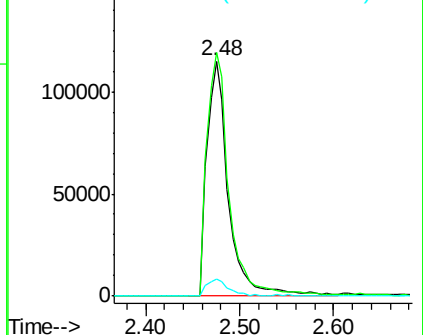
44 7.1 5.7 8.5

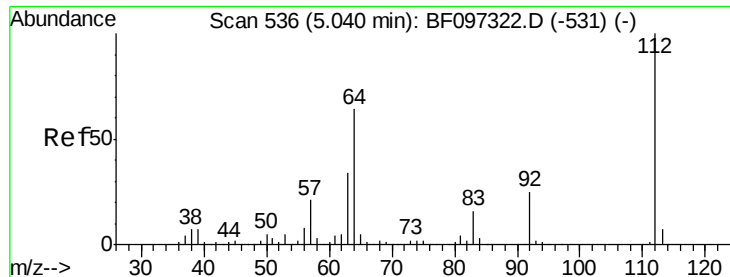


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 87.81 ng

RT: 5.02 min Scan# 549

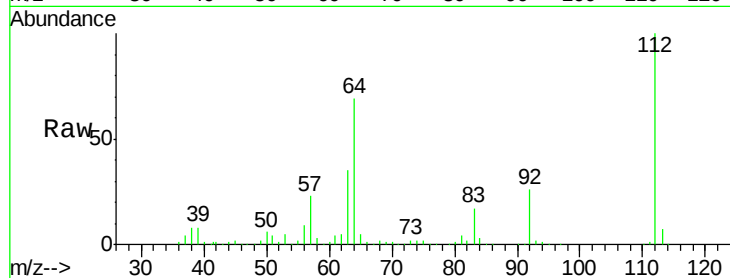
Delta R.T. -0.08 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

Instrument :
BNA_F
ClientSampleId :

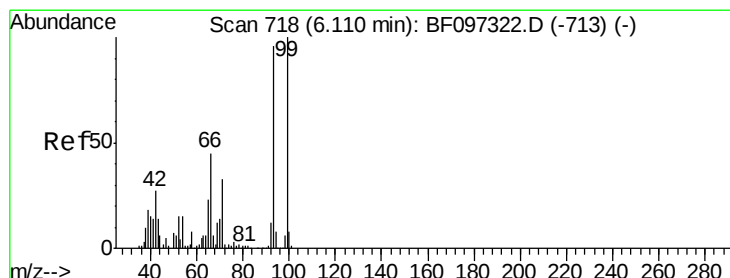
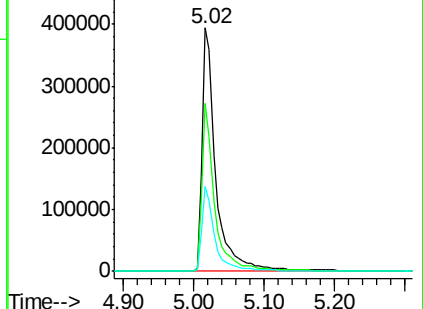
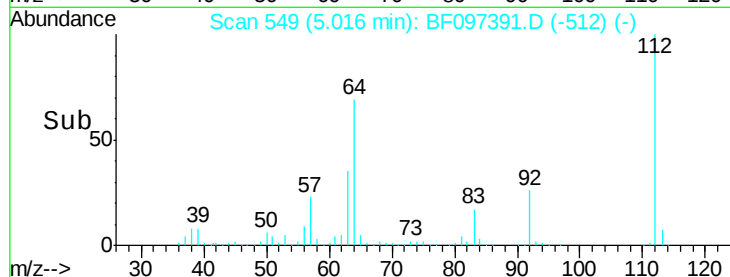
Tot Ion:	112	Resp:	538818
Ion	Ratio	Lower	Upper
112	100		
64	68.9	46.0	69.0
63	34.7	23.4	35.0



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: 45.71 ng

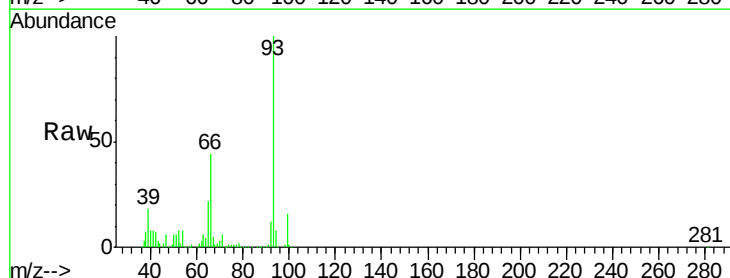
RT: 6.09 min Scan# 731

Delta R.T. -0.08 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

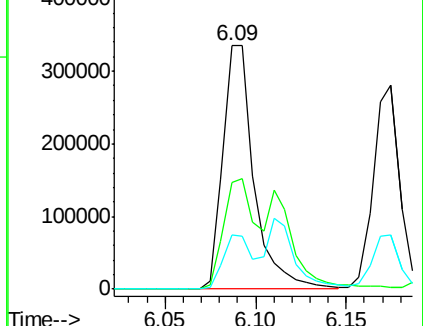
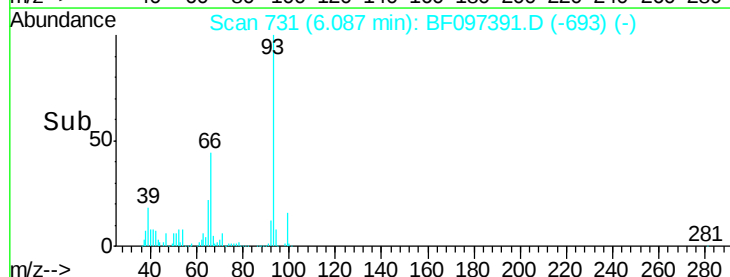
Tgt Ion:	93	Resp:	402960
Ion	Ratio	Lower	Upper
93	100		
66	43.6	32.9	49.3
65	22.0	16.0	24.0

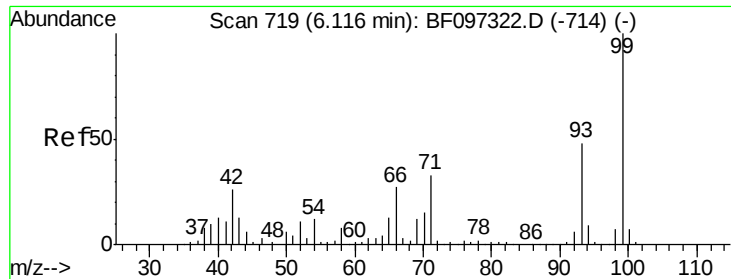


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 86.18 ng

RT: 6.10 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF097391.D

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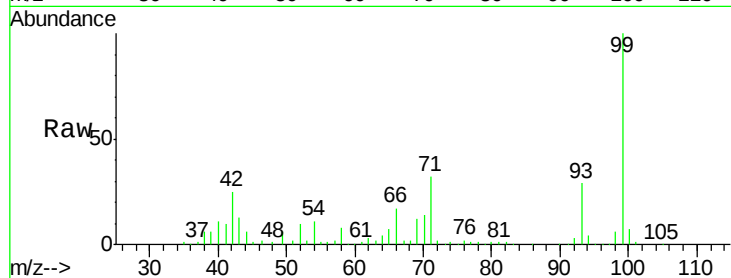
Tot Ion: 99 Resp: 603748

Ion Ratio Lower Upper

99 100

42 24.7 13.5 20.3#

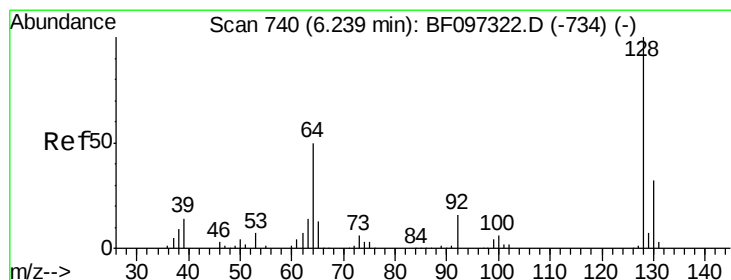
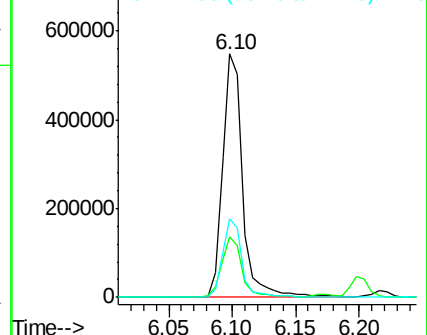
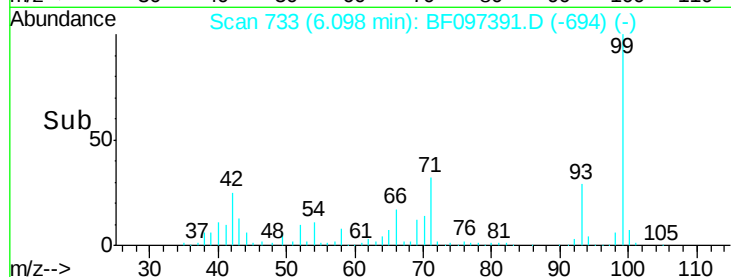
71 32.5 24.5 36.7



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: 42.94 ng

RT: 6.22 min Scan# 753

Delta R.T. -0.08 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

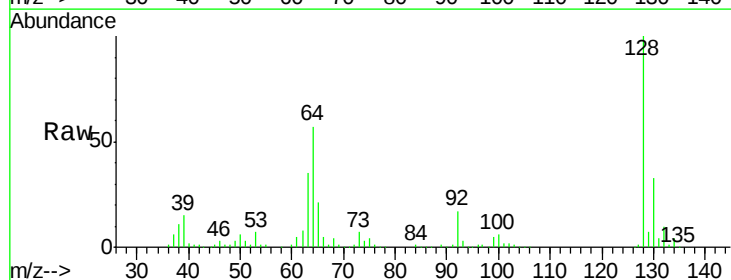
Tgt Ion: 128 Resp: 281763

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

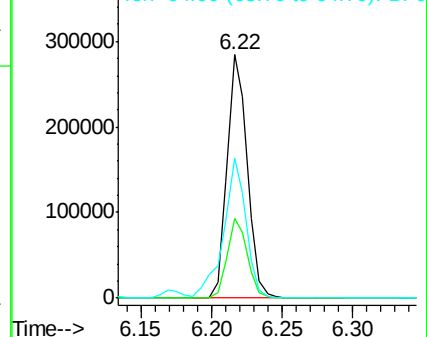
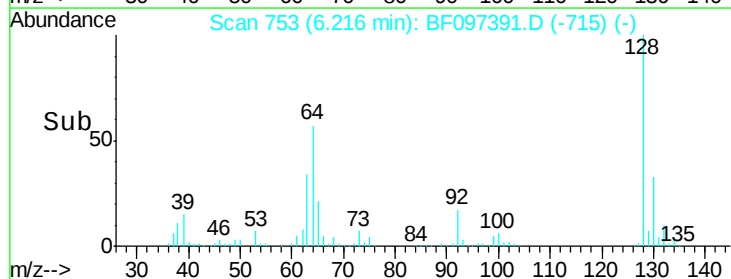
64 57.3 28.4 68.4

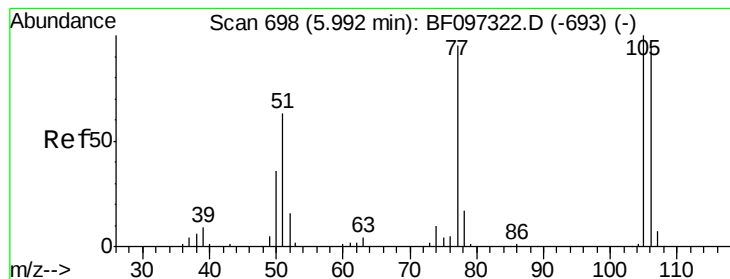


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 51.97 ng

RT: 5.97 min Scan# 711

Delta R.T. -0.08 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

Instrument :

BNA_F

ClientSampled :

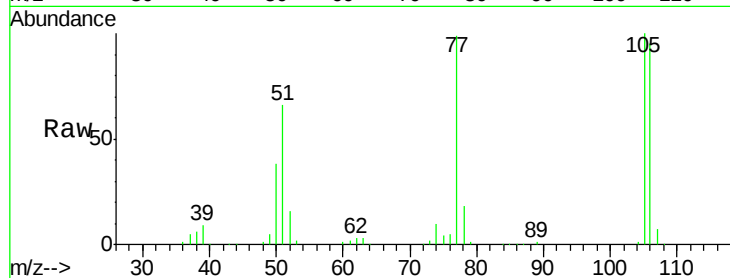
Tot Ion: 77 Resp: 215508

Ion Ratio Lower Upper

77 100

105 100.6 83.8 123.8

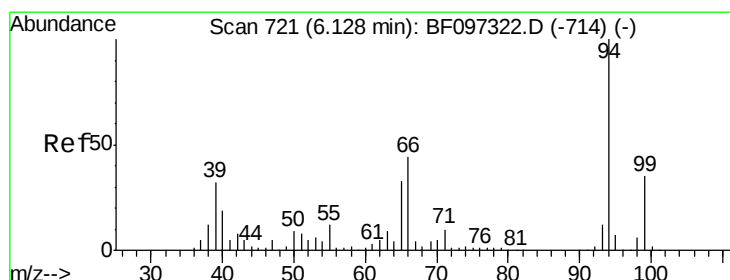
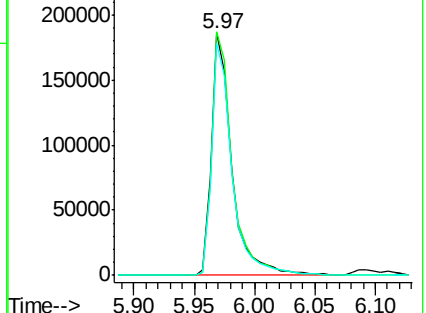
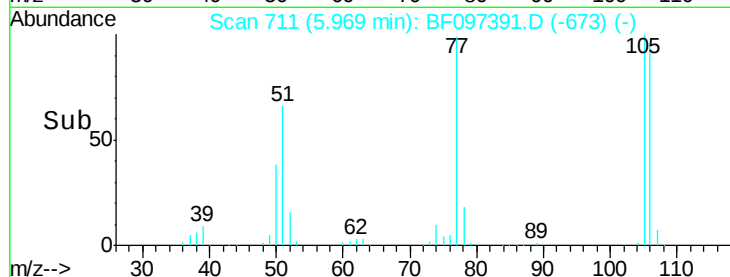
106 95.7 79.1 119.1



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: 44.76 ng

RT: 6.11 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

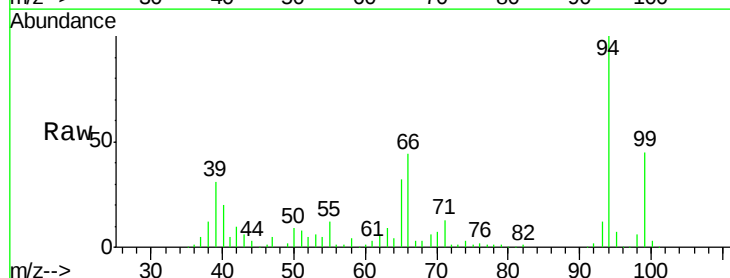
Tgt Ion: 94 Resp: 371957

Ion Ratio Lower Upper

94 100

65 31.8 9.9 49.9

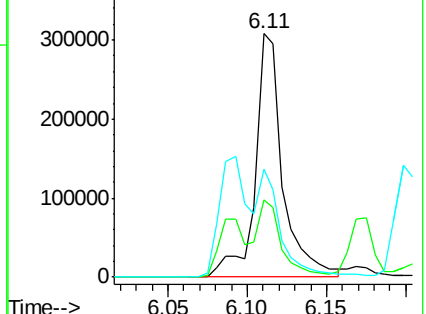
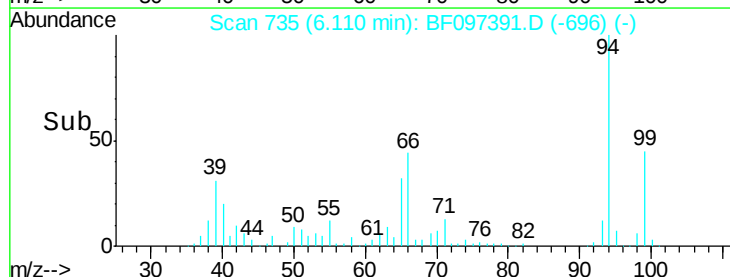
66 44.1 23.1 63.1

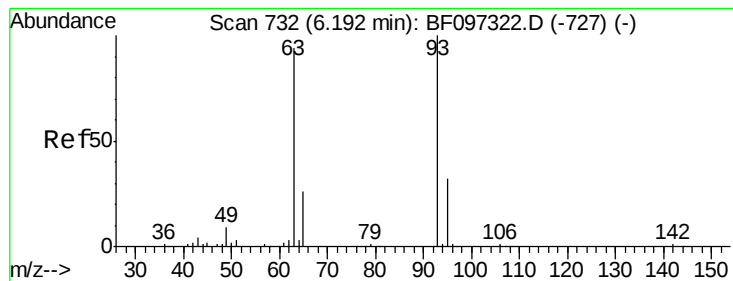


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.31 ng

RT: 6.17 min Scan# 746

Delta R.T. -0.07 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

Instrument :

BNA_F

ClientSampleId :

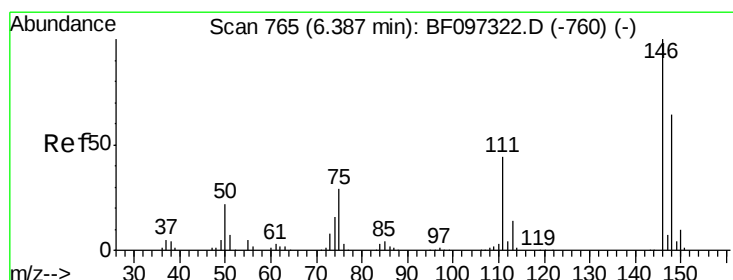
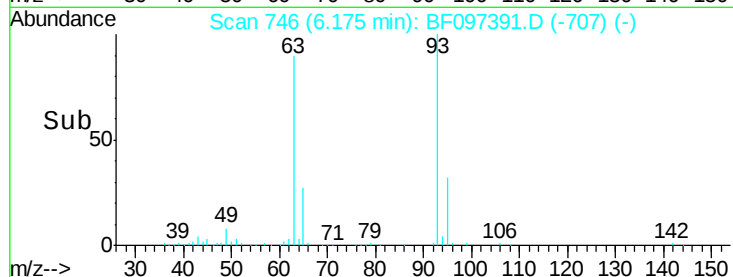
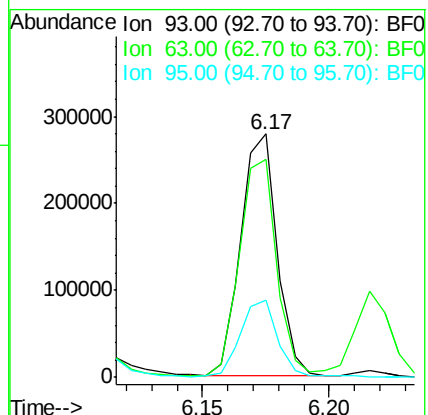
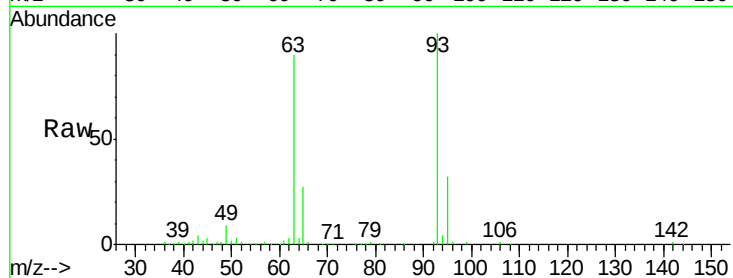
Tot Ion: 93 Resp: 278032

Ion Ratio Lower Upper

93 100

63 89.7 59.2 99.2

95 31.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.66 ng

RT: 6.36 min Scan# 778

Delta R.T. -0.08 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

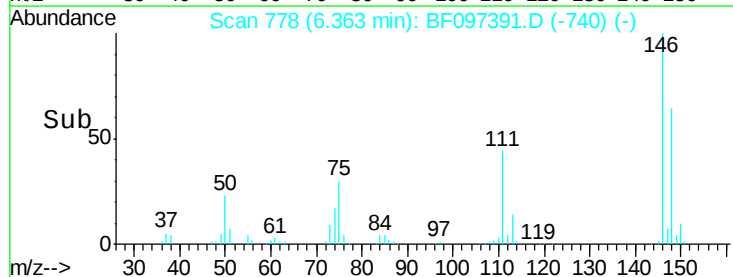
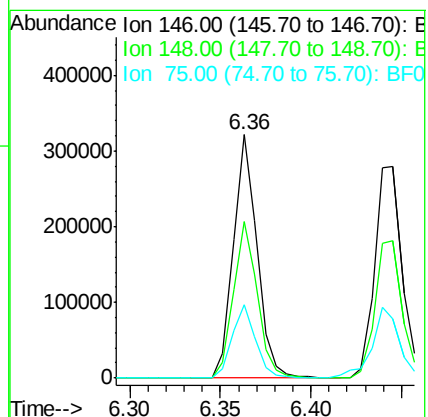
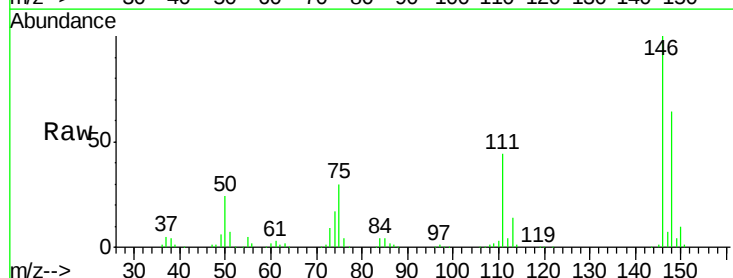
Tgt Ion: 146 Resp: 294562

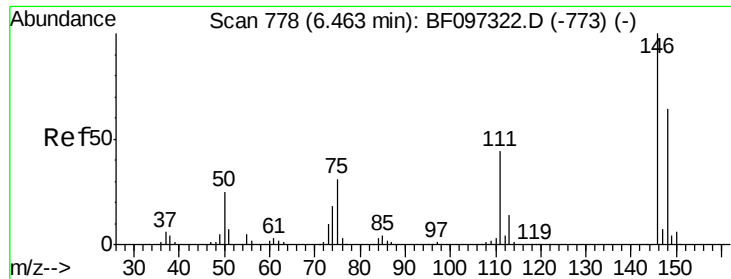
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

75 29.9 23.1 34.7

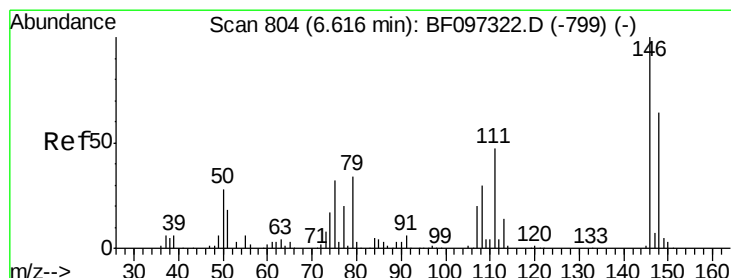
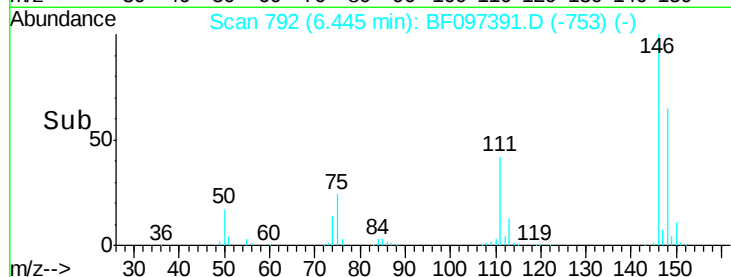
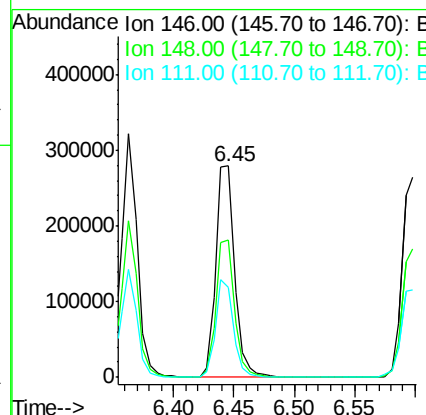
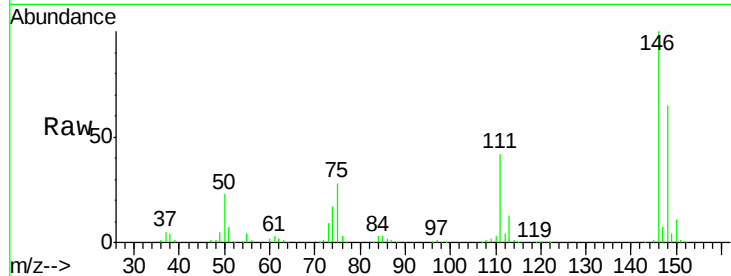




#13
 1,4-Dichlorobenzene
 Concen: 42.80 ng
 RT: 6.45 min Scan# 792
 Delta R.T. -0.07 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

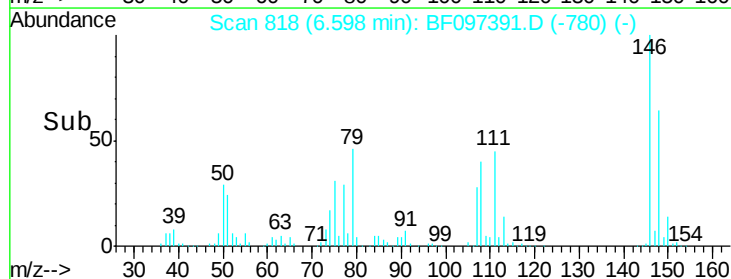
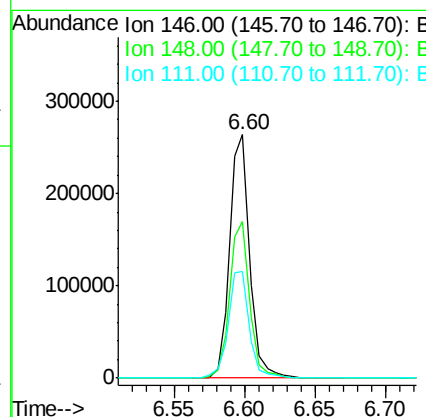
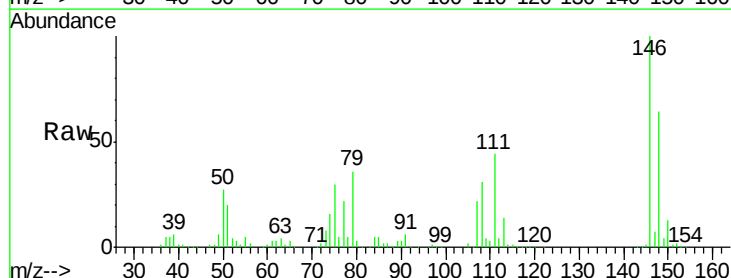
Instrument :
 BNA_F
 ClientSampled :

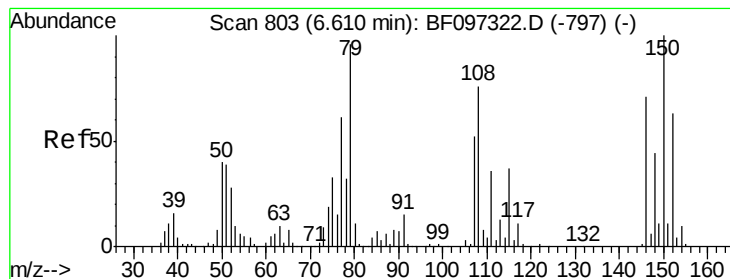
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.2
111	42.5	30.3	45.5



#14
 1,2-Dichlorobenzene
 Concen: 42.34 ng
 RT: 6.60 min Scan# 818
 Delta R.T. -0.08 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.4	75.6
111	43.7	38.2	57.4





#15

Benzyl Alcohol

Concen: 46.27 ng

RT: 6.59 min Scan# 817

Delta R.T. -0.07 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

Instrument :
BNA_F
ClientSampleId :

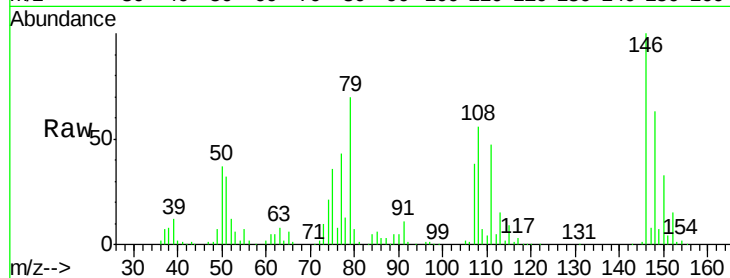
Tot Ion: 79 Resp: 205214

Ion Ratio Lower Upper

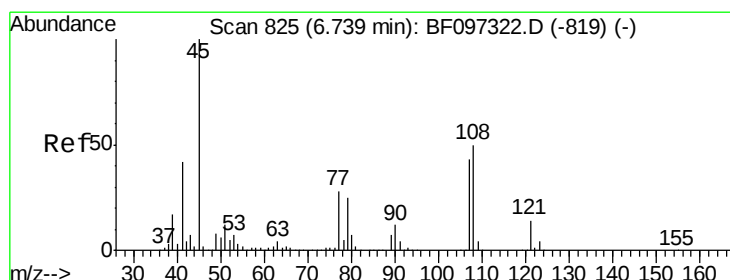
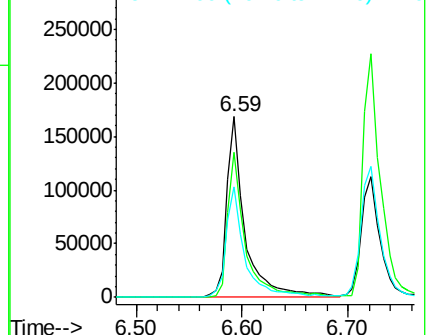
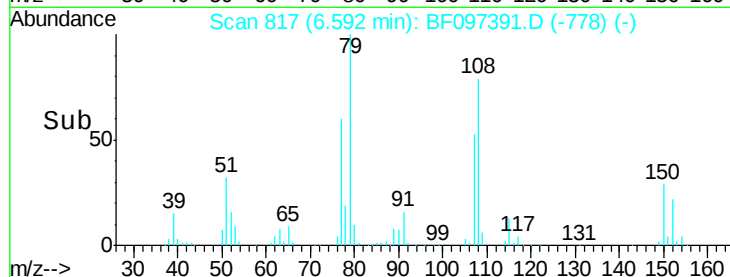
79 100

108 79.9 63.4 95.0

77 60.8 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: 43.26 ng

RT: 6.72 min Scan# 839

Delta R.T. -0.07 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

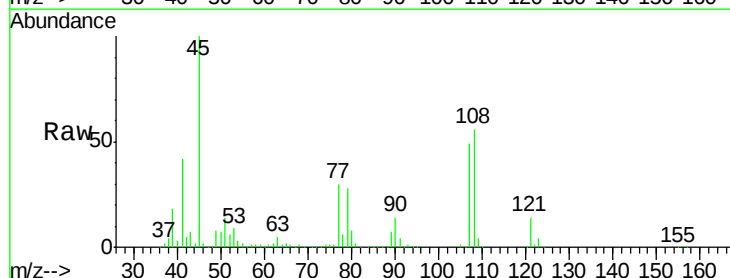
Tgt Ion: 45 Resp: 570250

Ion Ratio Lower Upper

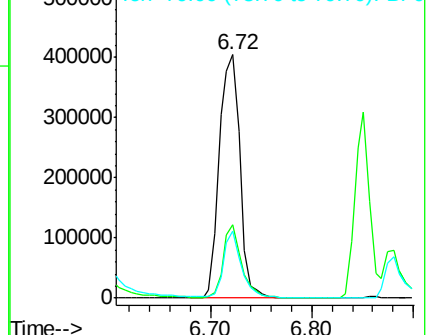
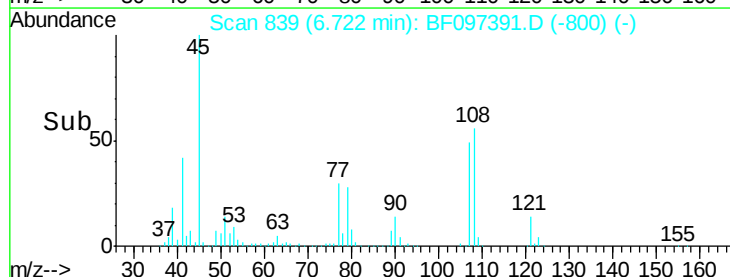
45 100

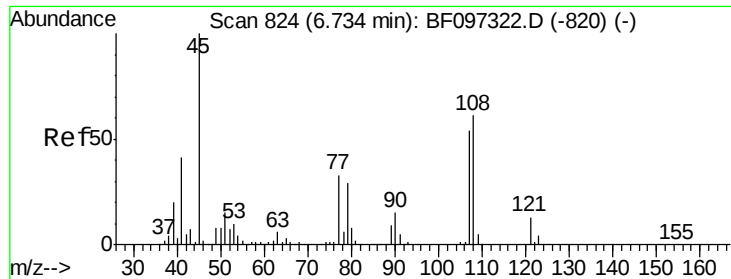
77 30.3 0.0 33.2

79 27.8 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

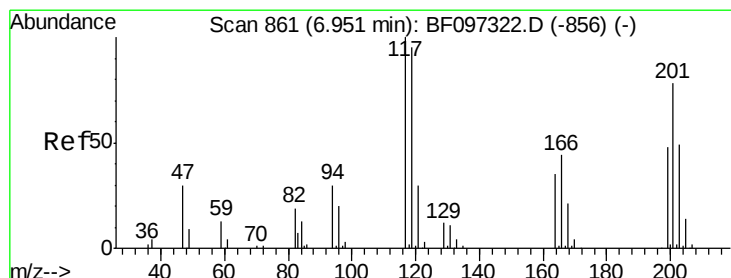
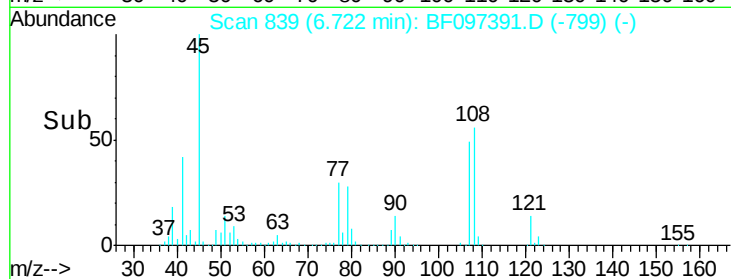
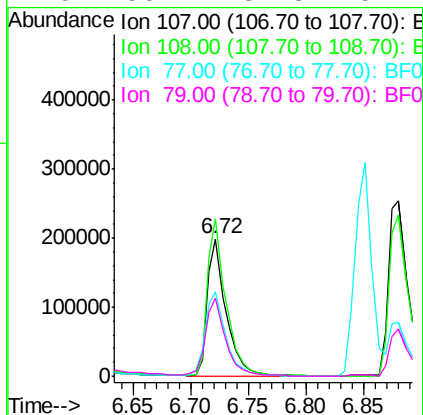
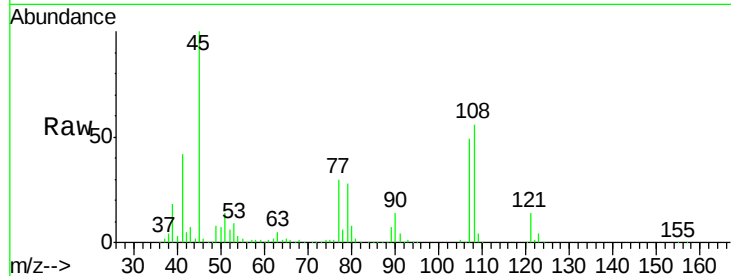




#17
2-Methylphenol
Concen: 44.88 ng
RT: 6.72 min Scan# 839
Delta R.T. -0.06 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

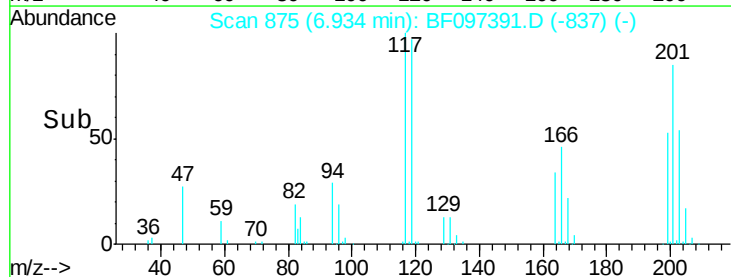
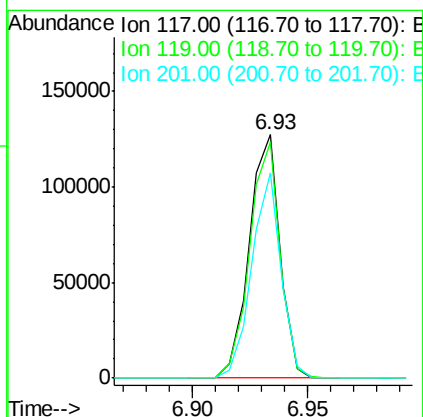
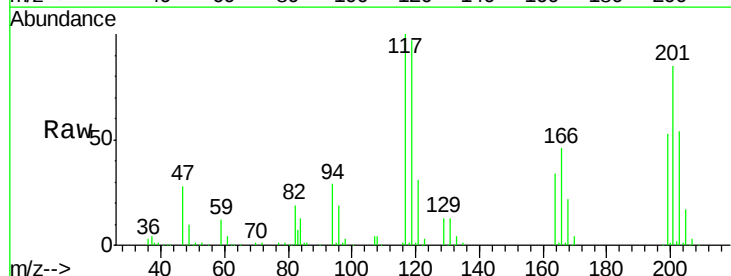
Instrument :
BNA_F
ClientSampleId :

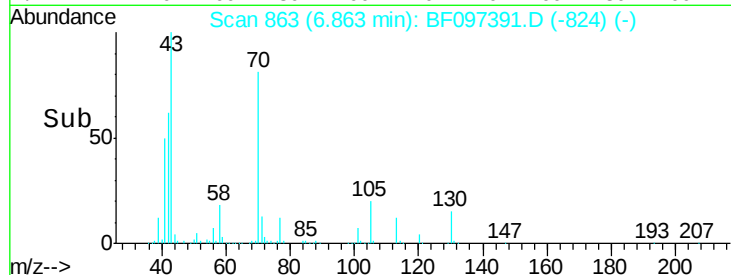
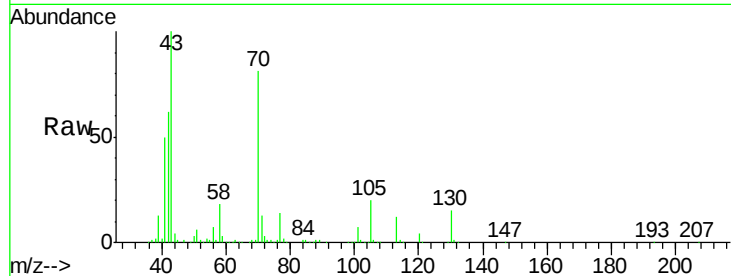
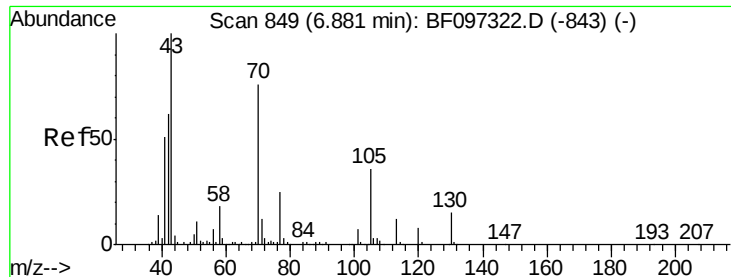
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	93.4	140.0
77	61.6	35.8	53.6#
79	56.4	34.8	52.2#



#18
Hexachloroethane
Concen: 46.26 ng
RT: 6.93 min Scan# 875
Delta R.T. -0.08 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.4	116.0
201	84.5	94.6	141.8#

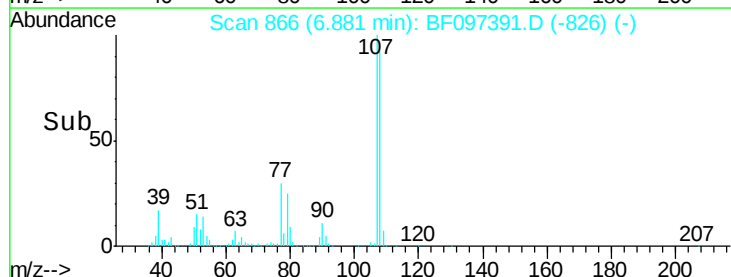
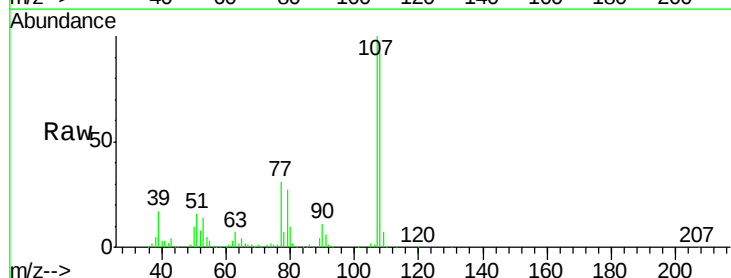
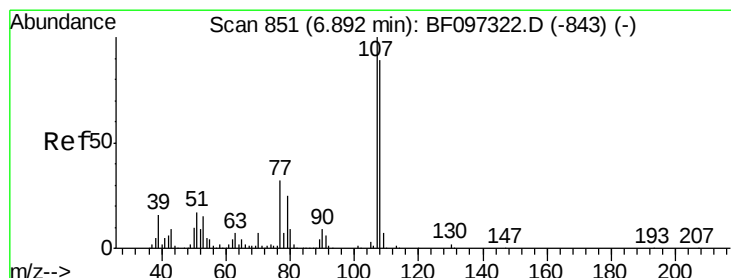
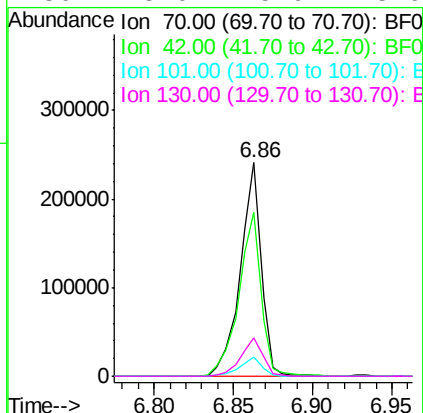




#19
n-Nitroso-di-n-propylamine
Concen: 48.32 ng
RT: 6.86 min Scan# 863
Delta R.T. -0.07 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

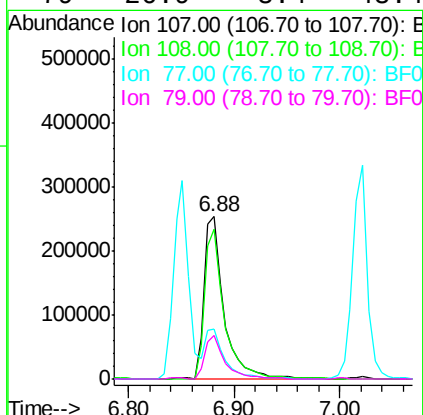
Instrument :
BNA_F
ClientSampleId :

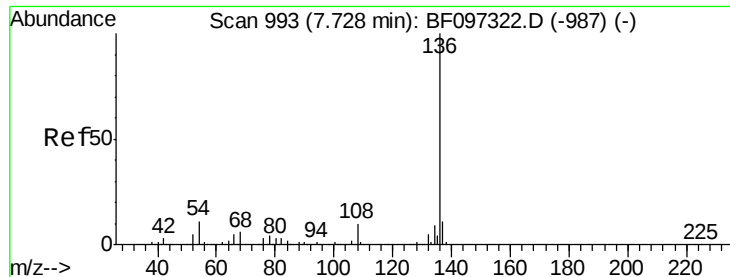
Tot Ion	Ratio	Lower	Upper
70	100		
42	76.8	47.2	70.8#
101	9.0	7.2	10.8
130	18.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 49.19 ng
RT: 6.88 min Scan# 866
Delta R.T. -0.06 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.3	71.0	111.0
77	30.9	90.5	130.5#
79	26.9	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.71 min Scan# 1007

Delta R.T. -0.08 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 409120

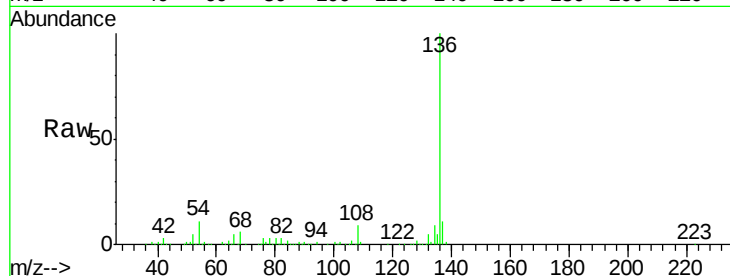
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 11.0 4.9 7.3#

68 5.6 4.1 6.1

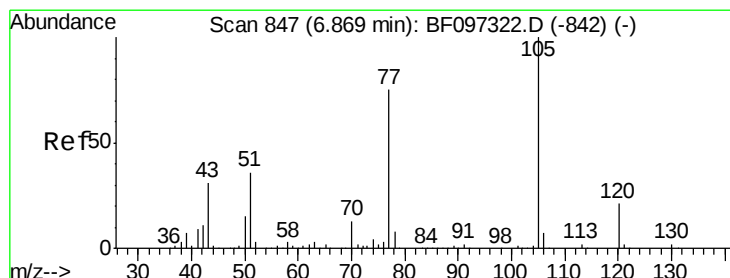
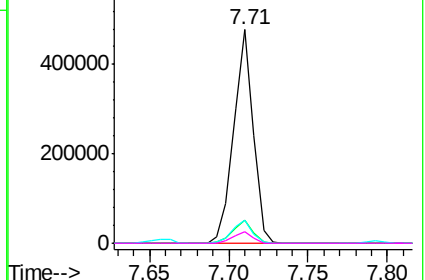
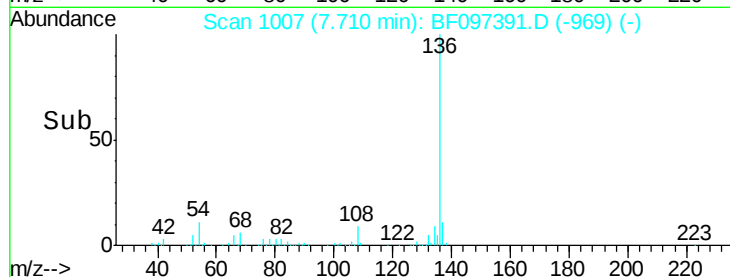


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.40 ng

RT: 6.85 min Scan# 861

Delta R.T. -0.07 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

Tgt Ion:105 Resp: 416559

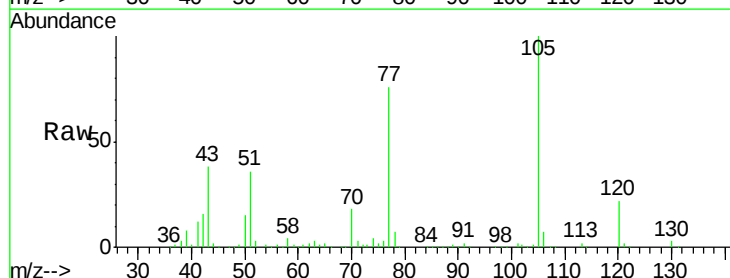
Ion Ratio Lower Upper

105 100

71 3.0 2.8 4.2

51 36.3 30.7 46.1

120 22.1 17.4 26.0

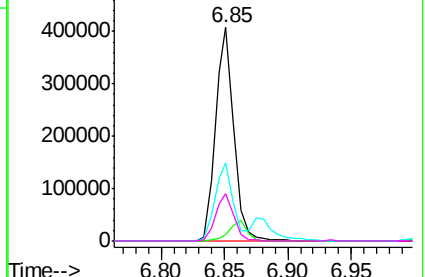
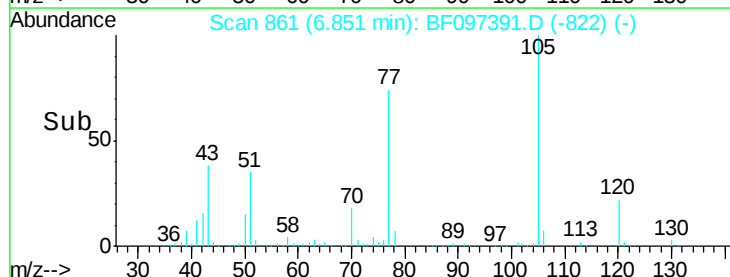


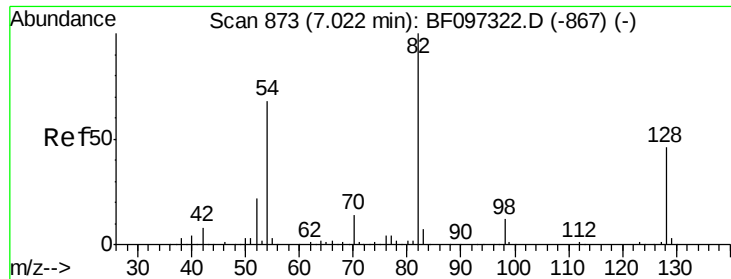
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

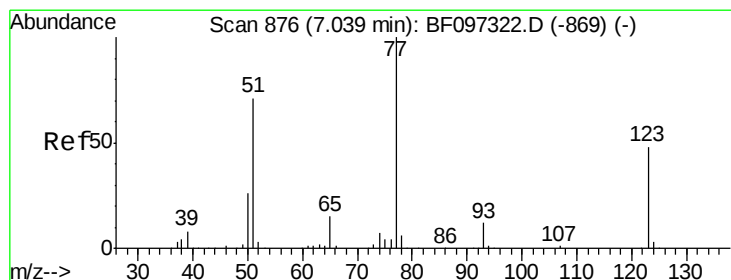
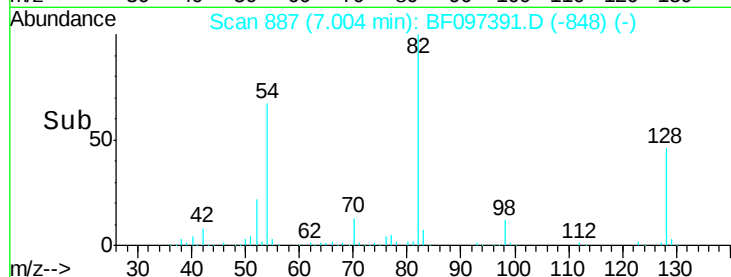
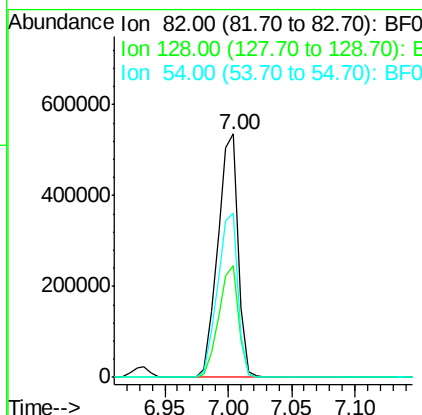
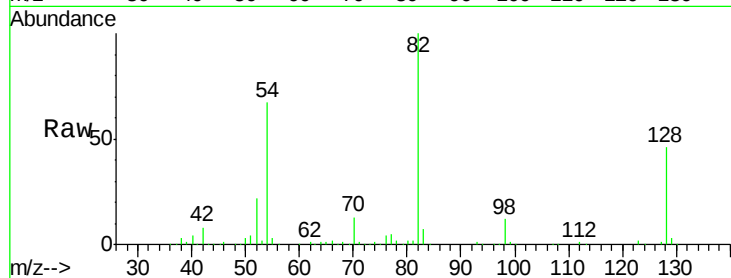




#23
Nitrobenzene-d5
Concen: 86.10 ng
RT: 7.00 min Scan# 887
Delta R.T. -0.07 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

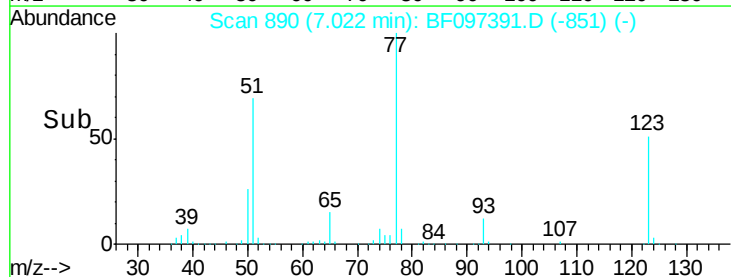
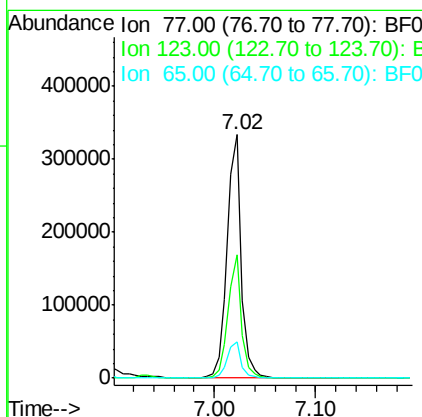
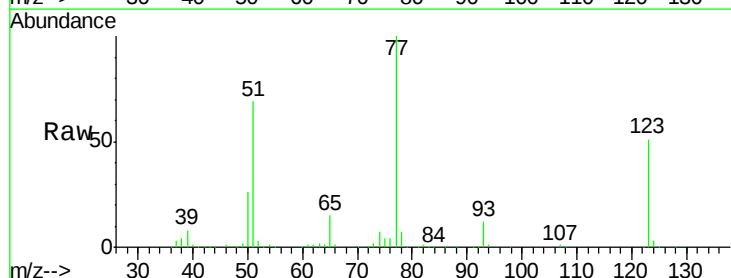
Instrument :
BNA_F
ClientSampleId :

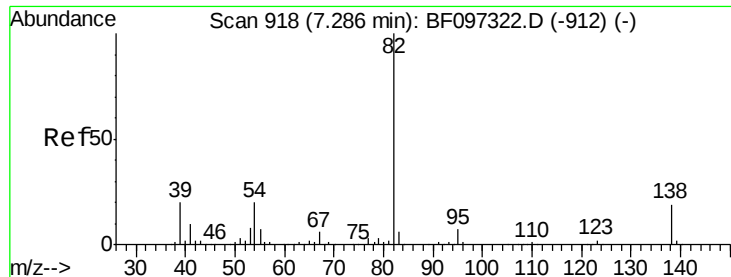
Tot Ion: 82 Resp: 600467
Ion Ratio Lower Upper
82 100
128 46.0 34.0 51.0
54 67.2 42.2 63.2#



#24
Nitrobenzene
Concen: 44.60 ng
RT: 7.02 min Scan# 890
Delta R.T. -0.07 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

Tgt Ion: 77 Resp: 323947
Ion Ratio Lower Upper
77 100
123 50.5 35.8 53.8
65 14.7 10.6 15.8

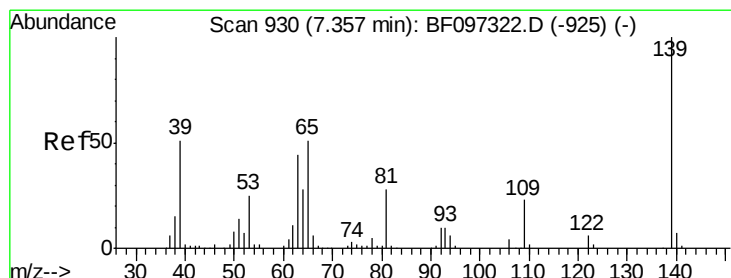
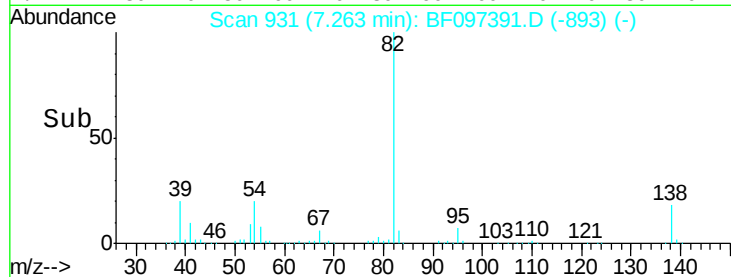
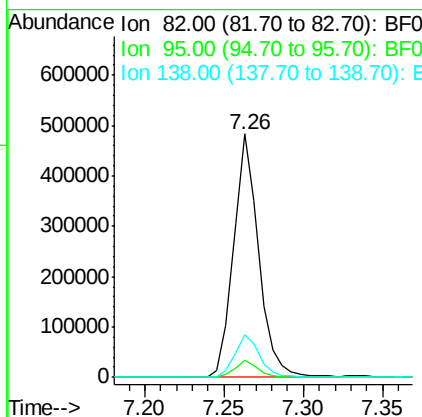
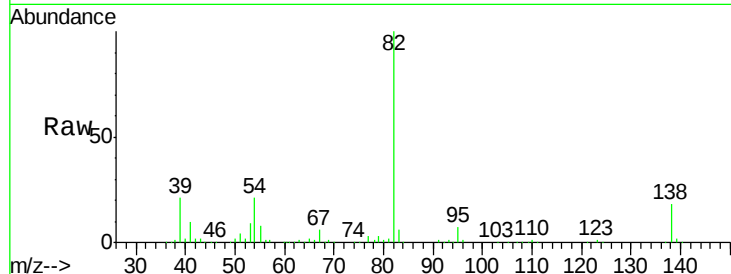




#25
Isophorone
Concen: 38.87 ng
RT: 7.26 min Scan# 931
Delta R.T. -0.08 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

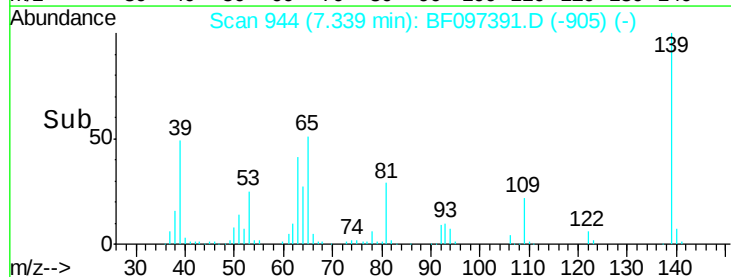
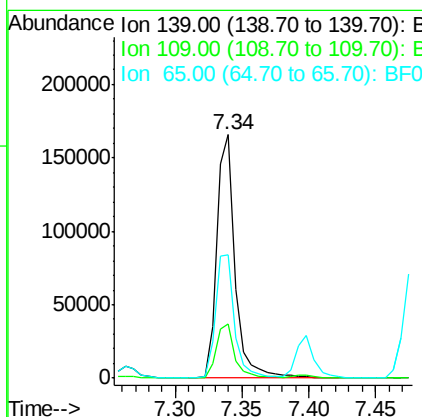
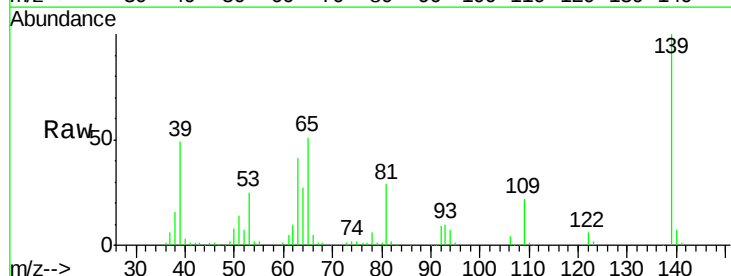
Instrument :
BNA_F
ClientSampleId :

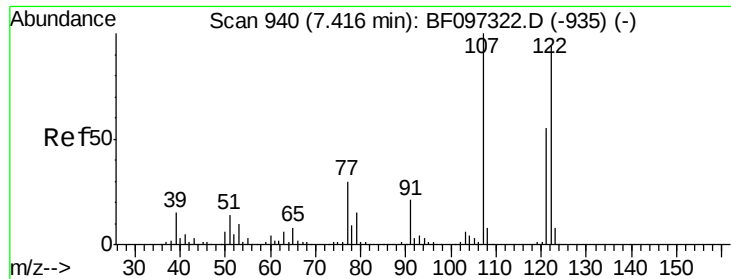
Tot Ion: 82 Resp: 530886
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 17.6 13.1 19.7



#26
2-Nitrophenol
Concen: 40.96 ng
RT: 7.34 min Scan# 944
Delta R.T. -0.07 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

Tgt Ion: 139 Resp: 160971
Ion Ratio Lower Upper
139 100
109 22.1 21.0 31.6
65 50.6 33.0 49.6#

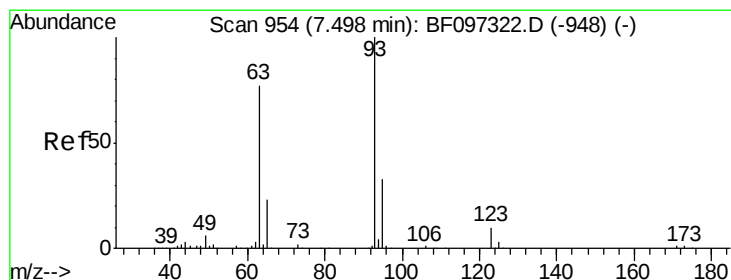
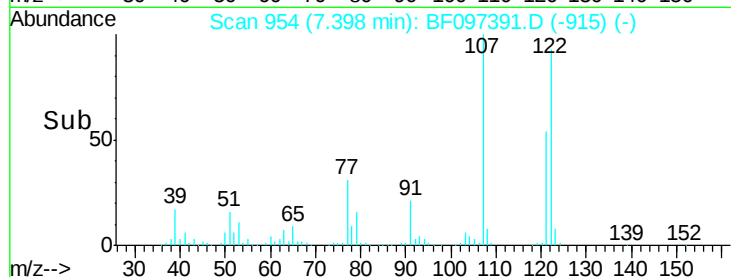
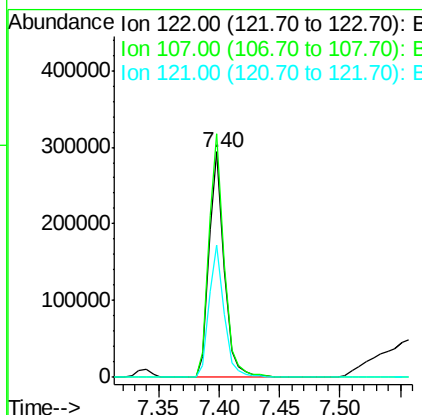
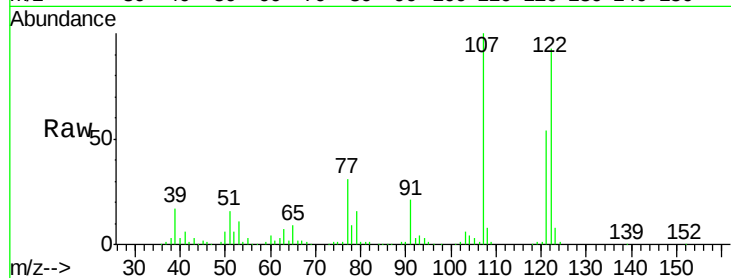




#27
 2,4-Dimethylphenol
 Concen: 39.35 ng
 RT: 7.40 min Scan# 954
 Delta R.T. -0.07 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

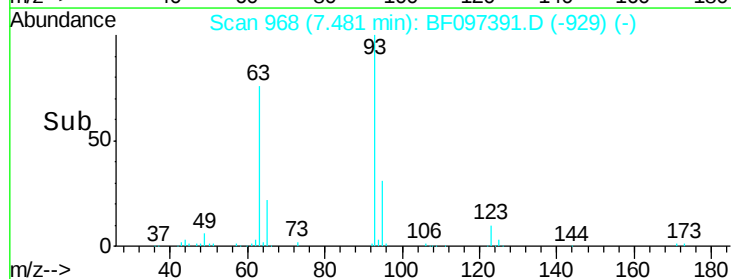
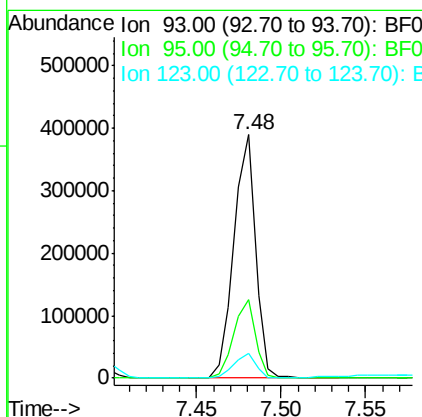
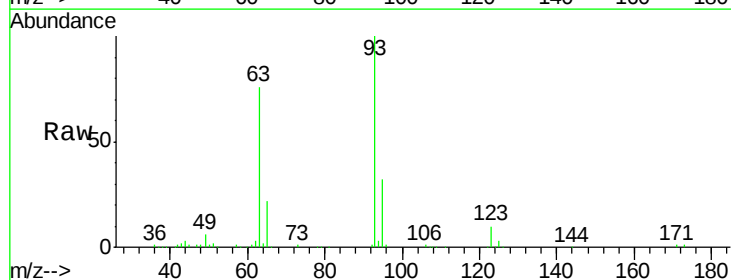
Instrument :
 BNA_F
 ClientSampleId :

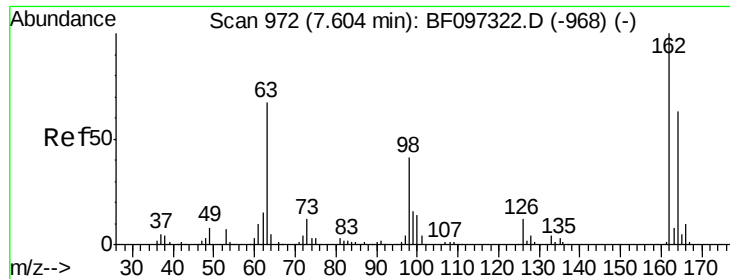
Tot Ion:122 Resp: 255099
 Ion Ratio Lower Upper
 122 100
 107 108.0 89.2 133.8
 121 58.8 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.12 ng
 RT: 7.48 min Scan# 968
 Delta R.T. -0.07 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

Tgt Ion: 93 Resp: 348641
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.5 39.7
 123 10.3 9.0 13.4

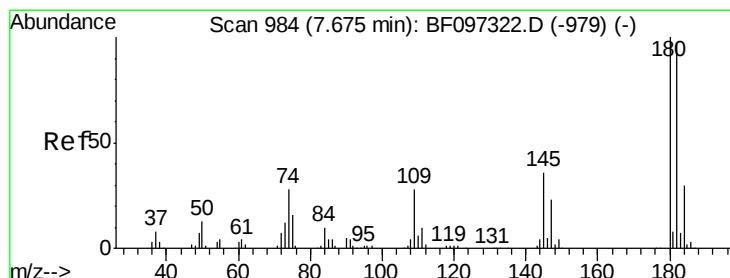
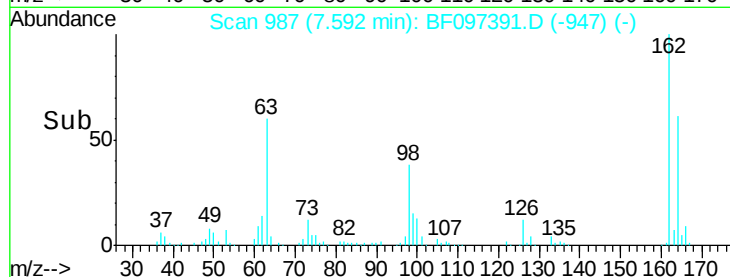
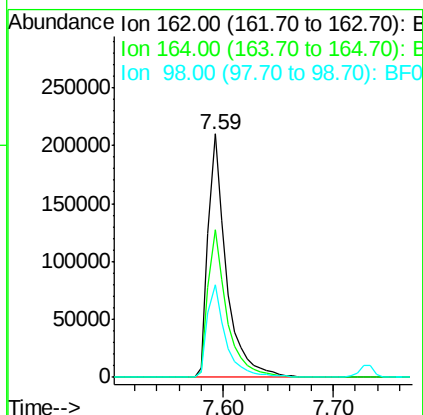
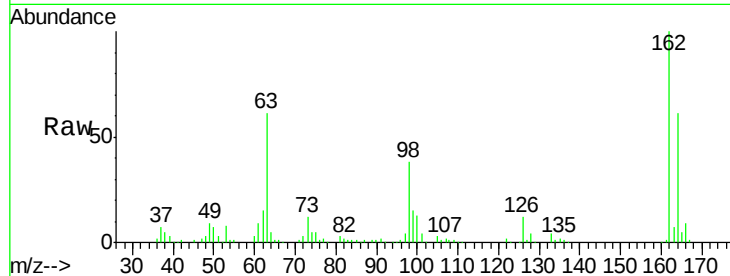




#29
 2,4-Dichlorophenol
 Concen: 42.04 ng
 RT: 7.59 min Scan# 987
 Delta R.T. -0.06 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

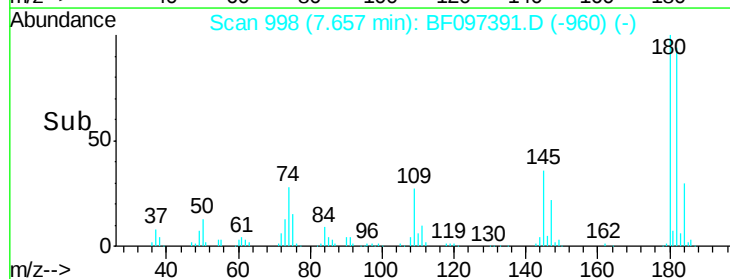
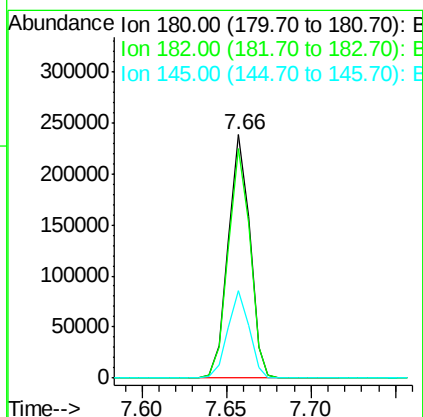
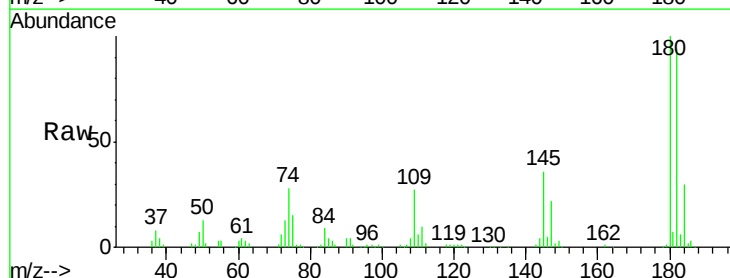
Instrument :
 BNA_F
 ClientSampleID :

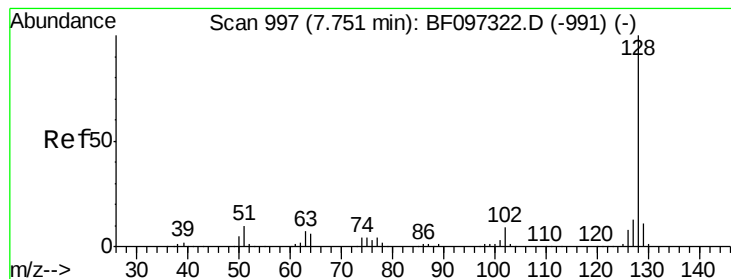
Tot Ion:162 Resp: 234752
 Ion Ratio Lower Upper
 162 100
 164 60.8 44.6 84.6
 98 37.9 14.8 54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 39.83 ng
 RT: 7.66 min Scan# 998
 Delta R.T. -0.08 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

Tgt Ion:180 Resp: 211983
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.8 113.6
 145 35.7 25.3 37.9





#31

Naphthalene

Concen: 40.24 ng

RT: 7.73 min Scan# 1011

Delta R.T. -0.08 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

Instrument :

BNA_F

ClientSampleId :

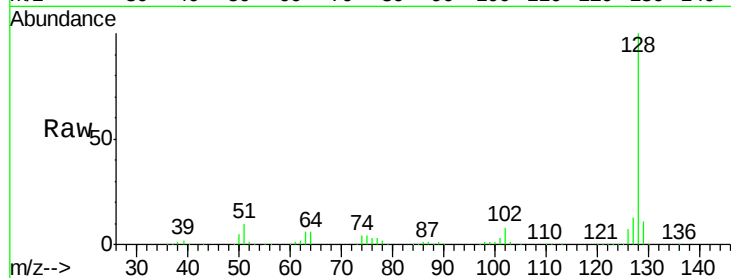
Tot Ion:128 Resp: 776116

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

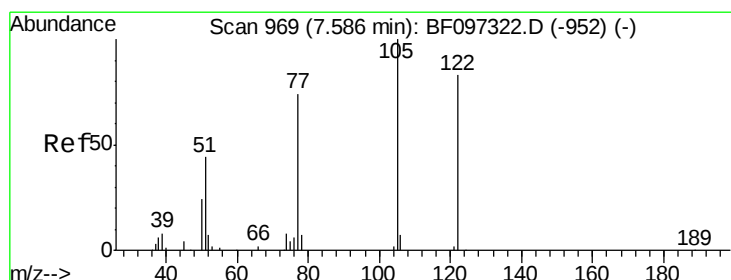
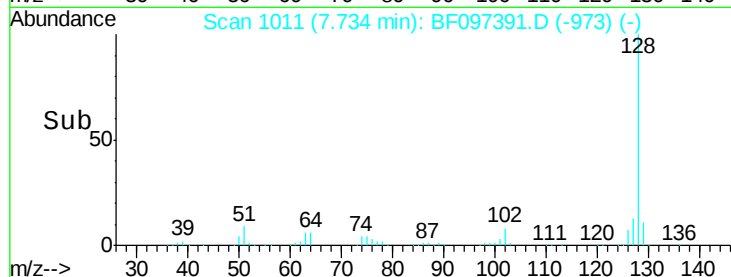
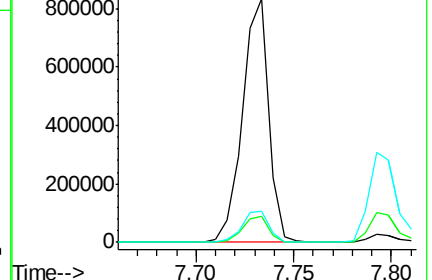
127 13.0 10.8 16.2



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: 39.48 ng

RT: 7.57 min Scan# 984

Delta R.T. -0.06 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

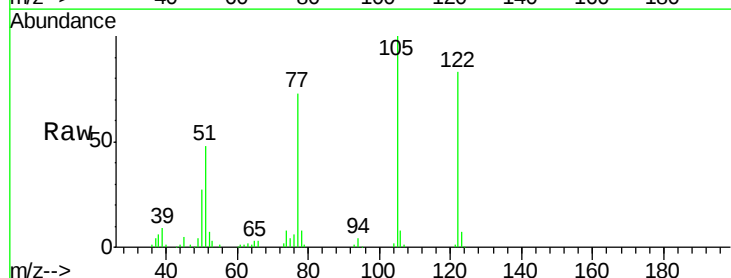
Tgt Ion:122 Resp: 191100

Ion Ratio Lower Upper

122 100

105 121.1 103.3 143.3

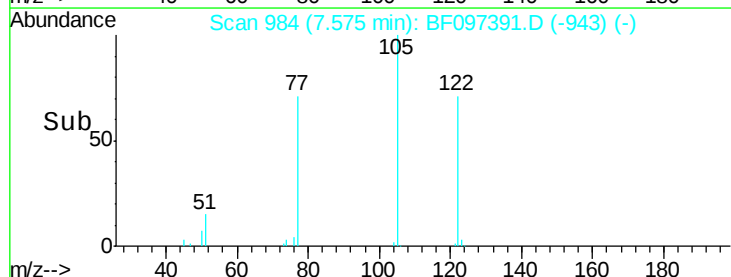
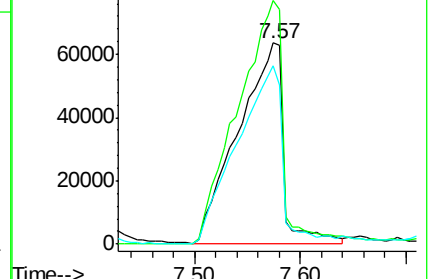
77 89.0 73.7 113.7

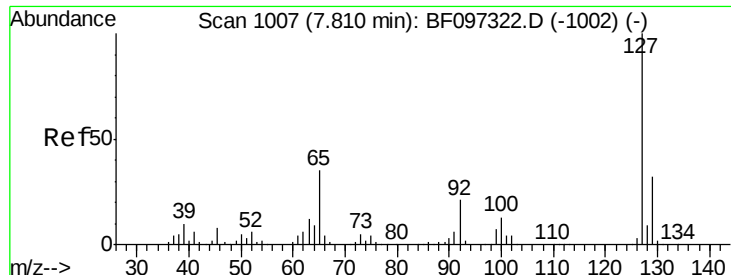


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

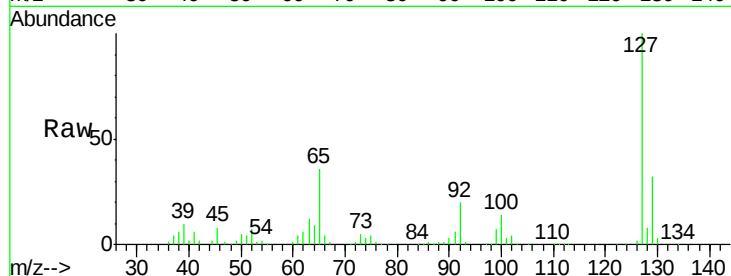




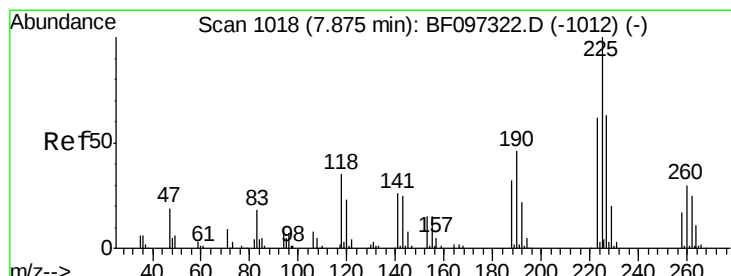
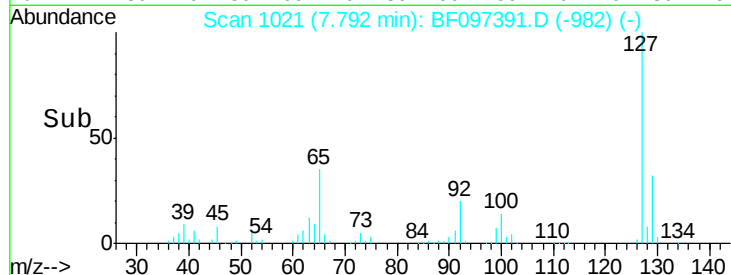
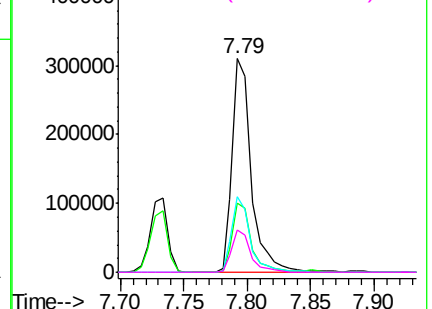
#33
4-Chloroaniline
Concen: 41.17 ng
RT: 7.79 min Scan# 1021
Delta R.T. -0.07 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	323030
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	35.7	27.8	41.8
92	19.6	16.8	25.2

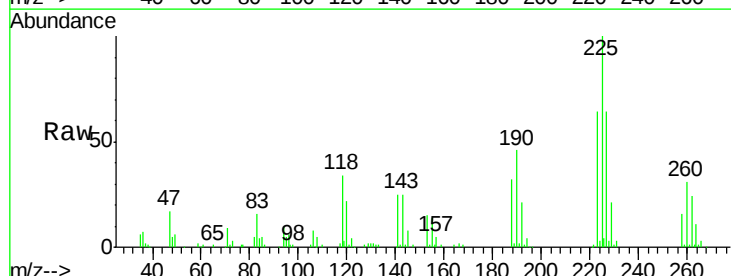


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

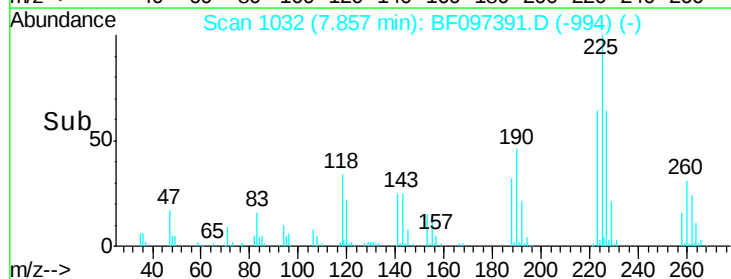
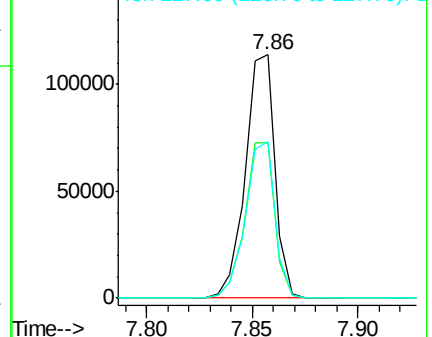


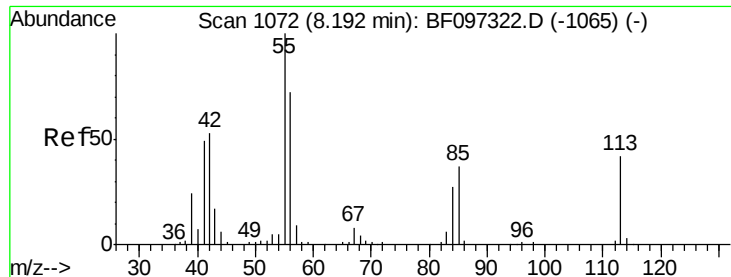
#34
Hexachlorobutadiene
Concen: 39.12 ng
RT: 7.86 min Scan# 1032
Delta R.T. -0.08 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

Tgt Ion:	225	Resp:	110403
Ion	Ratio	Lower	Upper
225	100		
223	64.0	48.8	73.2
227	64.3	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: 27.25 ng

RT: 8.17 min Scan# 1085

Delta R.T. -0.08 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

Instrument :

BNA_F

ClientSampleId :

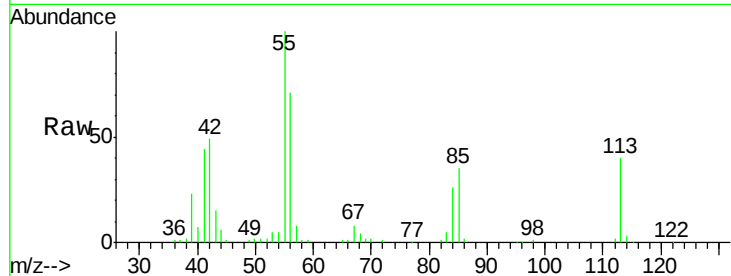
Tot Ion:113 Resp: 48802

Ion Ratio Lower Upper

113 100

55 248.0 150.2 190.2#

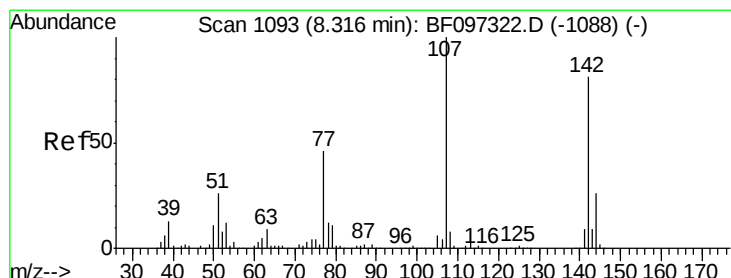
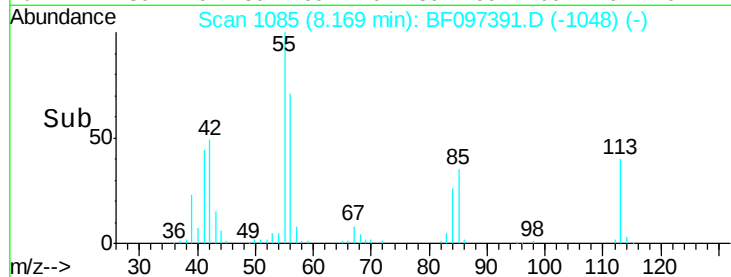
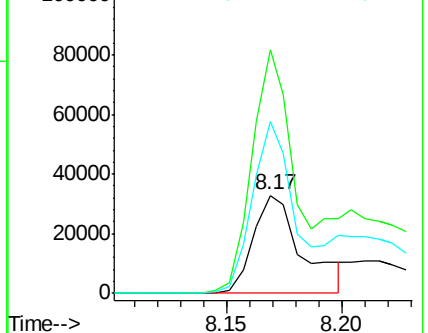
56 175.1 107.8 147.8#



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: 41.85 ng

RT: 8.30 min Scan# 1108

Delta R.T. -0.06 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

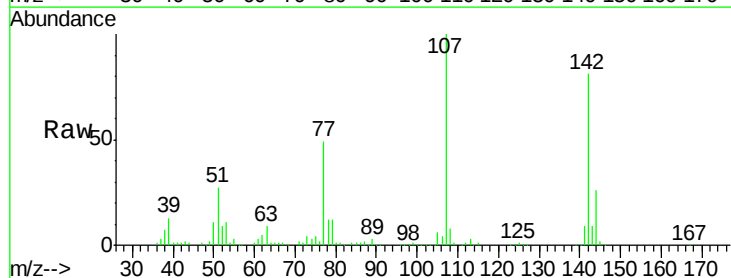
Tgt Ion:107 Resp: 254951

Ion Ratio Lower Upper

107 100

144 26.2 24.2 36.4

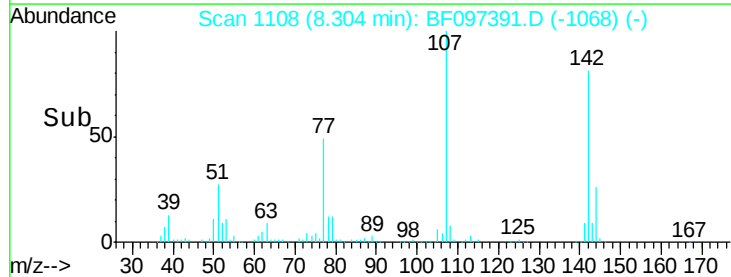
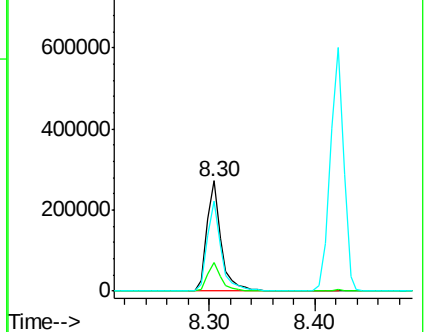
142 81.4 73.4 110.0

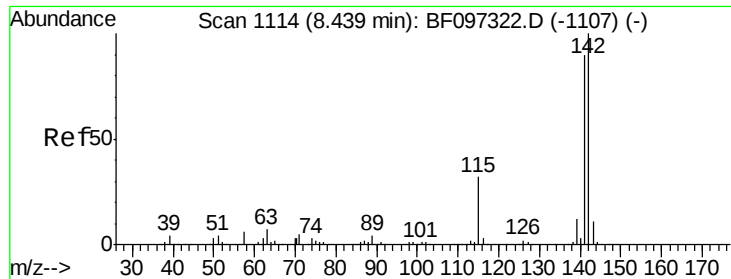


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

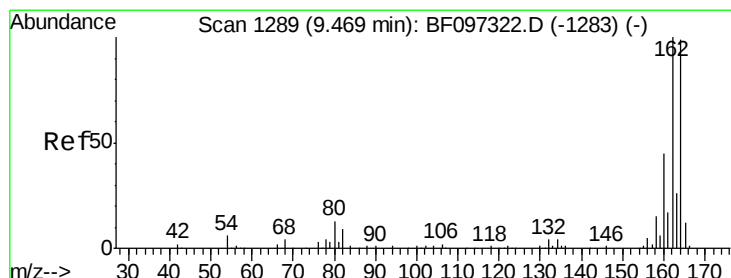
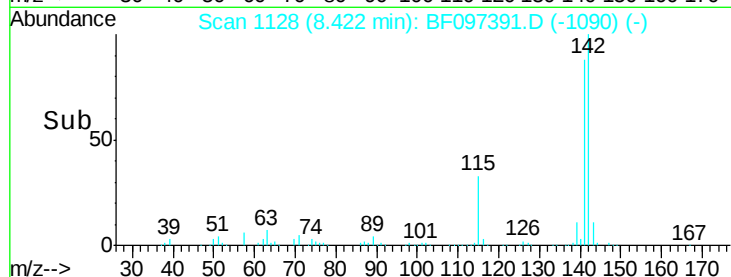
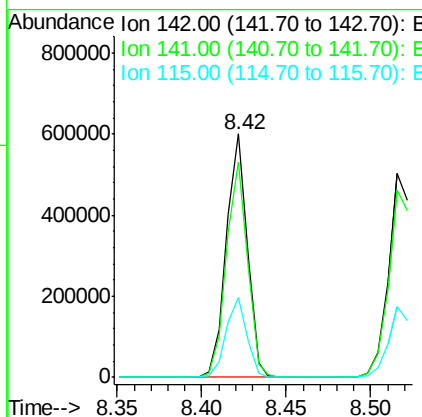
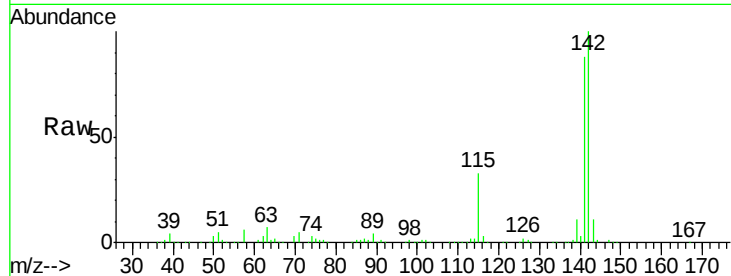




#37
 2-Methylnaphthalene
 Concen: 42.55 ng
 RT: 8.42 min Scan# 1128
 Delta R.T. -0.08 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

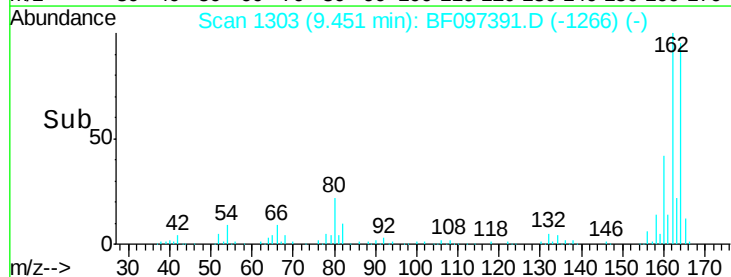
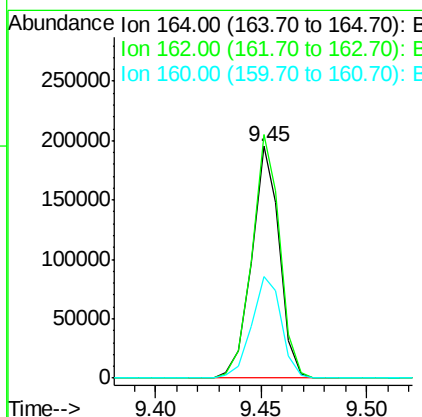
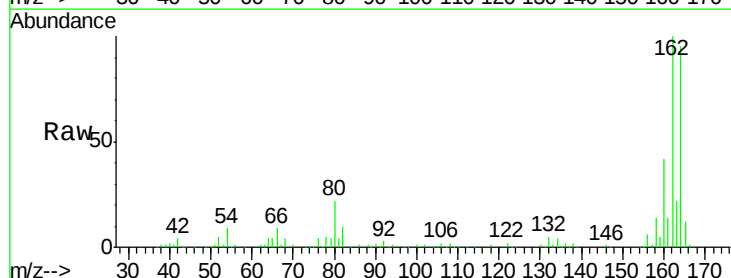
Instrument :
 BNA_F
 ClientSampleId :

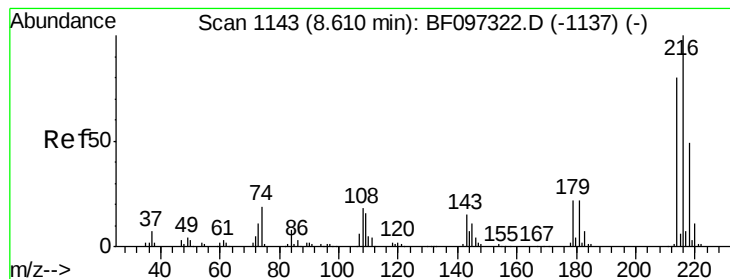
Tot Ion:142 Resp: 519583
 Ion Ratio Lower Upper
 142 100
 141 88.5 71.3 106.9
 115 33.0 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.45 min Scan# 1303
 Delta R.T. -0.08 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

Tgt Ion:164 Resp: 177514
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.6 123.8
 160 43.9 36.2 54.2

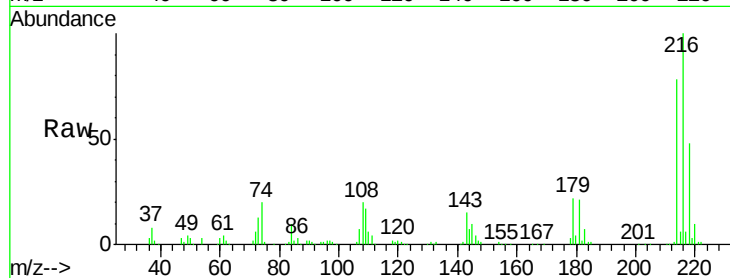




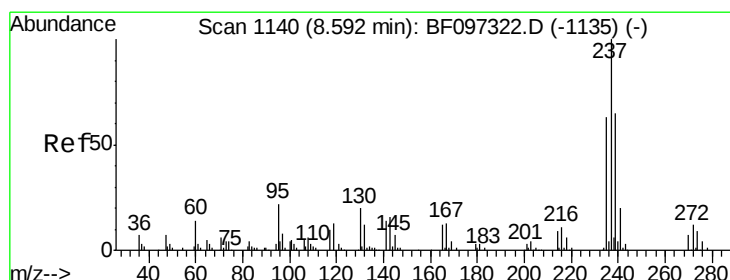
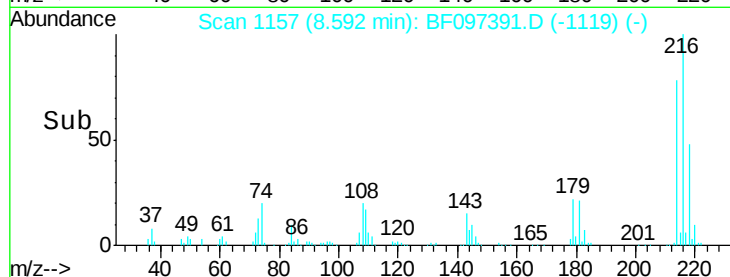
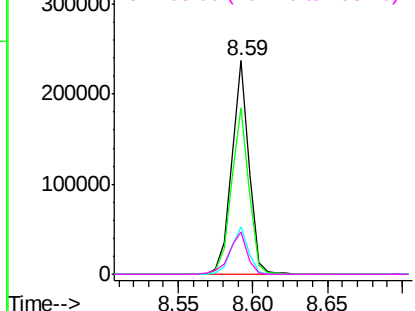
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.23 ng
 RT: 8.59 min Scan# 1157
 Delta R.T. -0.08 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	195265
Ion Ratio	Lower	Upper
216	100	
214	78.7	63.4 95.2
179	22.0	17.9 26.9
108	21.0	16.5 24.7

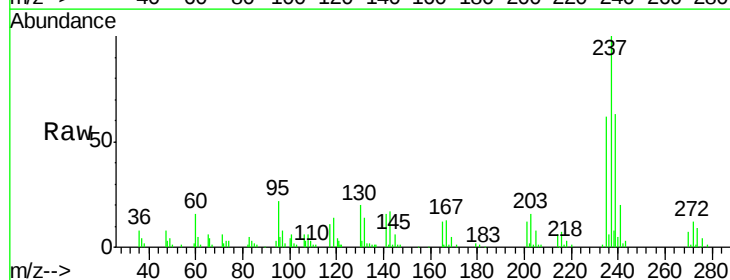


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

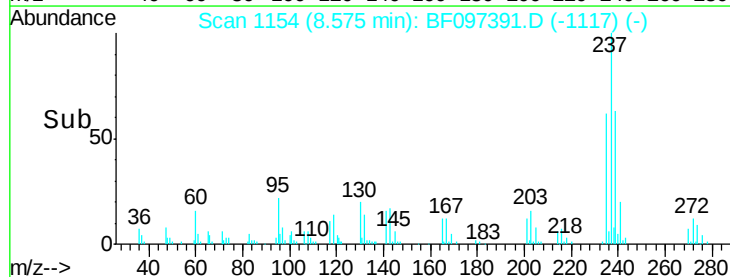
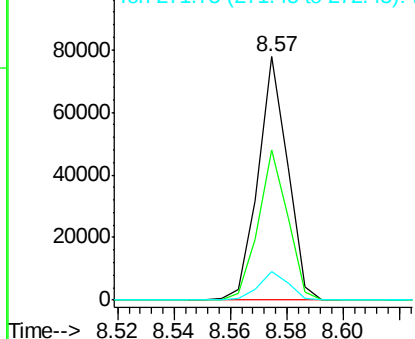


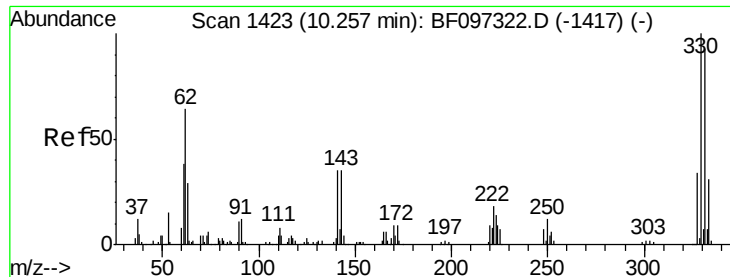
#40
 Hexachlorocyclopentadiene
 Concen: 37.80 ng
 RT: 8.57 min Scan# 1154
 Delta R.T. -0.08 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

Tgt Ion:237	Resp:	56335
Ion Ratio	Lower	Upper
237	100	
235	61.7	42.6 82.6
272	11.8	0.0 31.9



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

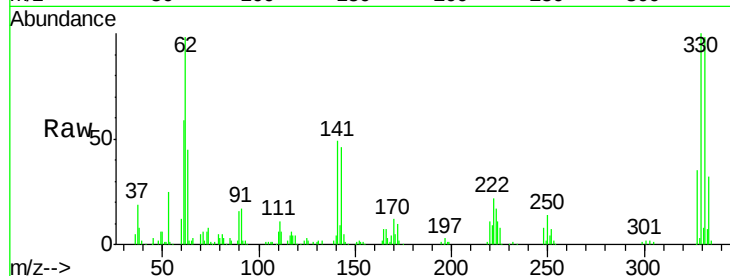




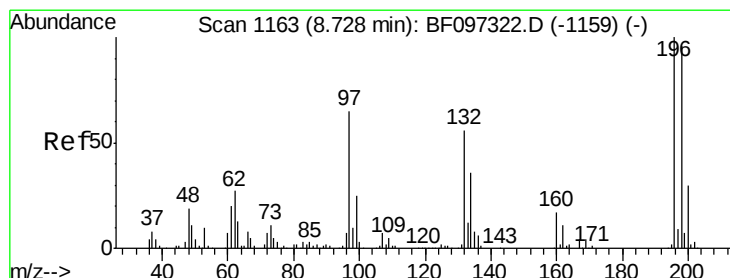
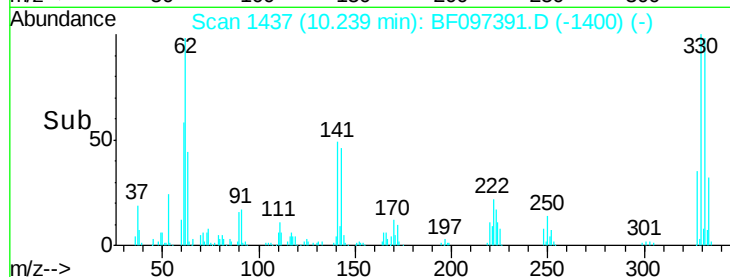
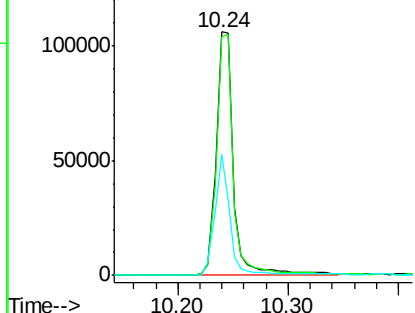
#41
 2,4,6-Tribromophenol
 Concen: 82.06 ng
 RT: 10.24 min Scan# 1437
 Delta R.T. -0.08 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 115088
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 42.7 31.4 47.2

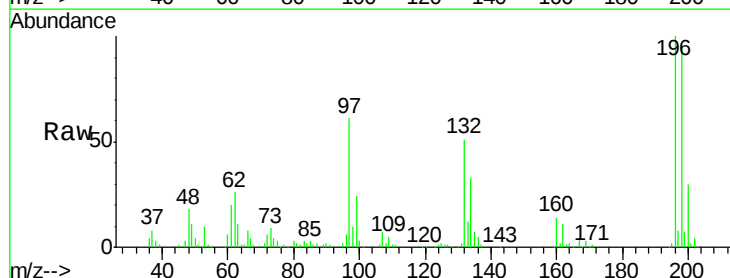


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

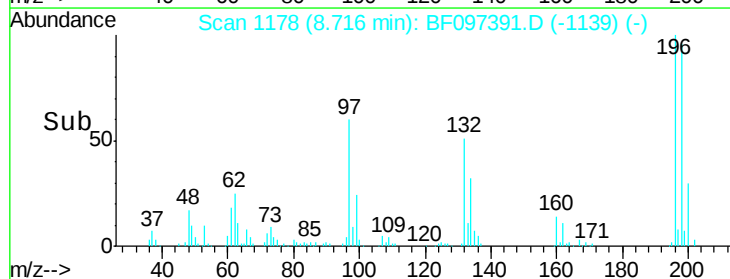
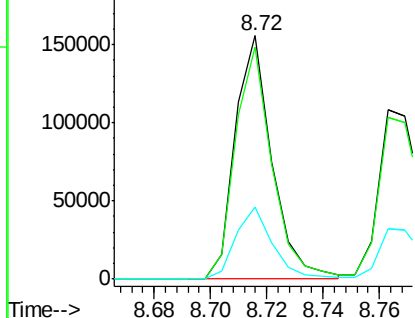


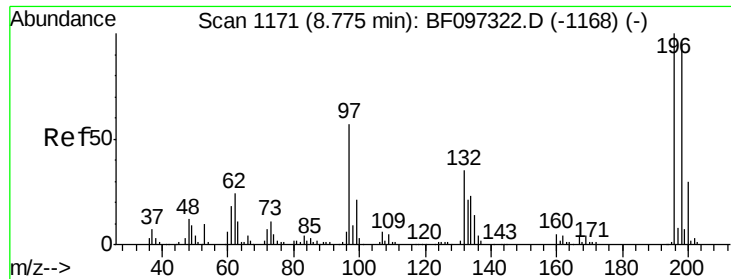
#42
 2,4,6-Trichlorophenol
 Concen: 41.17 ng
 RT: 8.72 min Scan# 1178
 Delta R.T. -0.07 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

Tgt Ion:196 Resp: 141313
 Ion Ratio Lower Upper
 196 100
 198 95.6 74.2 111.4
 200 29.7 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

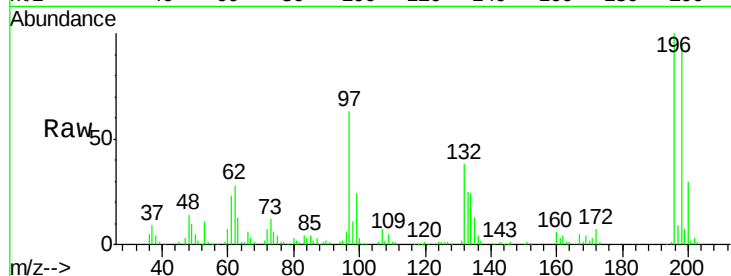




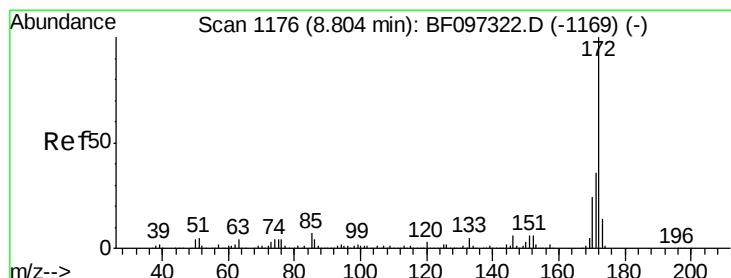
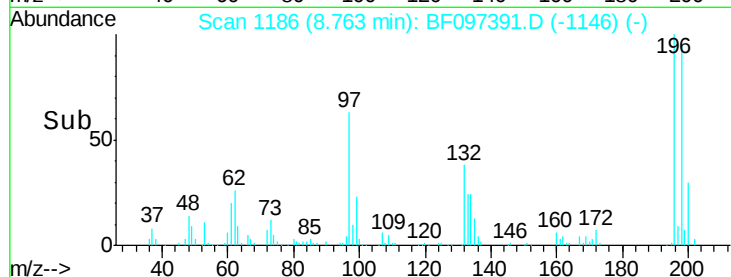
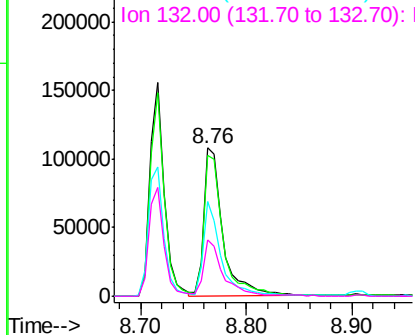
#43
 2,4,5-Trichlorophenol
 Concen: 39.59 ng
 RT: 8.76 min Scan# 1186
 Delta R.T. -0.06 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	95.3	75.7	113.5	
97	63.5	47.7	71.5	
132	38.4	28.0	42.0	

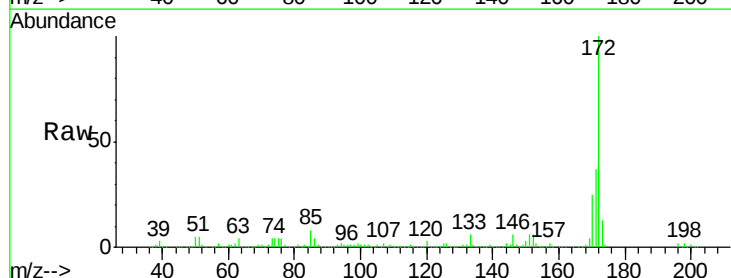


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

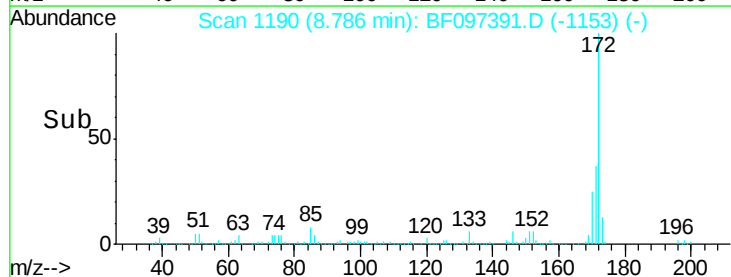
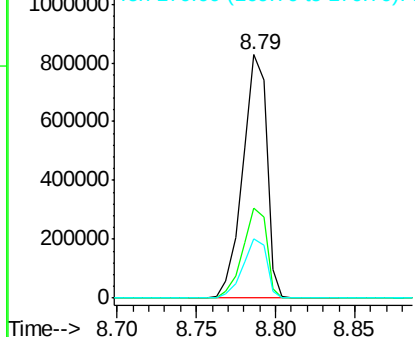


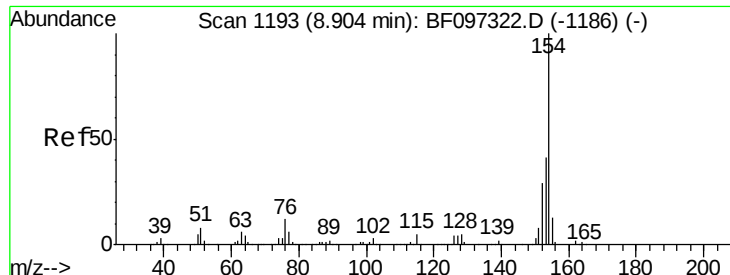
#44
 2-Fluorobiphenyl
 Concen: 82.94 ng
 RT: 8.79 min Scan# 1190
 Delta R.T. -0.08 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	37.1	29.6	44.4	
170	24.6	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: 40.87 ng

RT: 8.89 min Scan# 1207

Delta R.T. -0.08 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

Instrument :

BNA_F

ClientSampled :

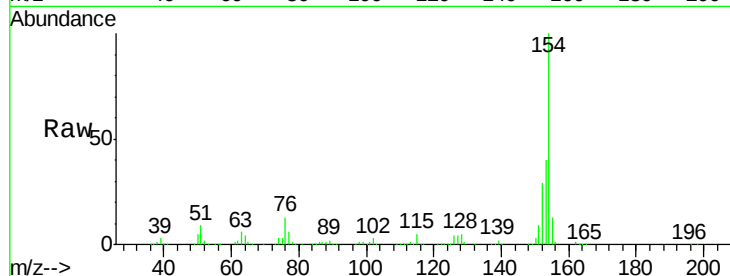
Tot Ion:154 Resp: 619659

Ion Ratio Lower Upper

154 100

153 40.4 21.2 61.2

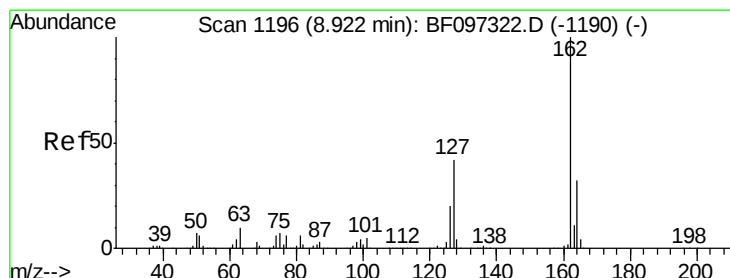
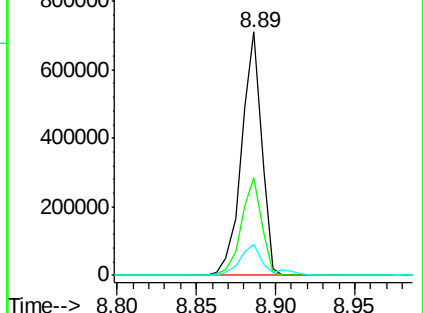
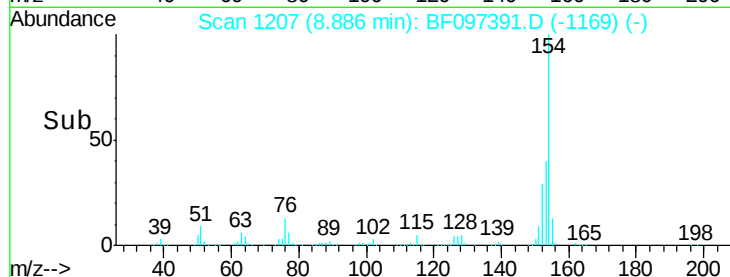
76 12.9 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.90 ng

RT: 8.90 min Scan# 1210

Delta R.T. -0.08 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

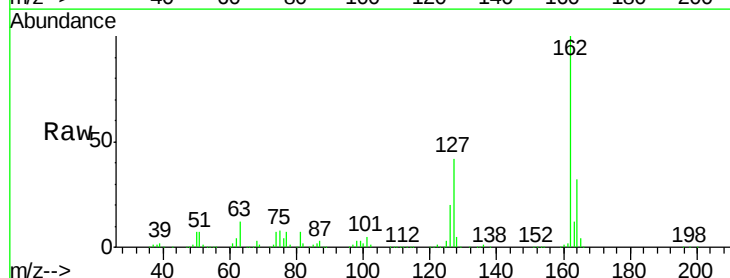
Tgt Ion:162 Resp: 456358

Ion Ratio Lower Upper

162 100

127 42.4 28.3 42.5

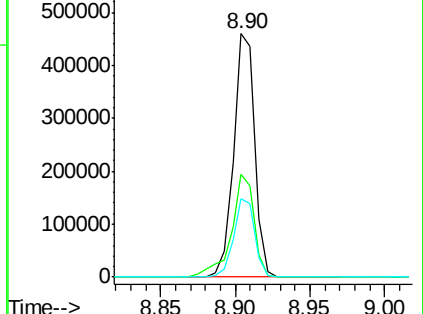
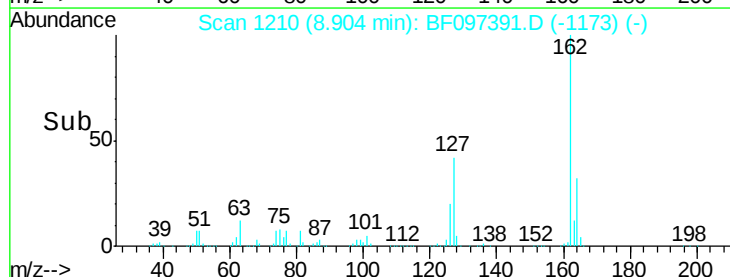
164 32.2 27.0 40.4

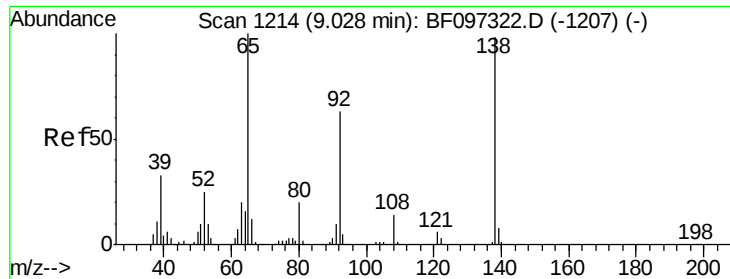


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

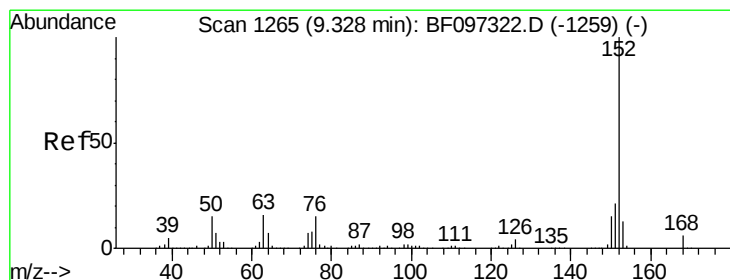
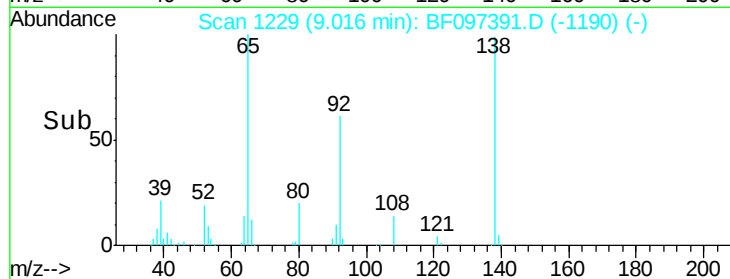
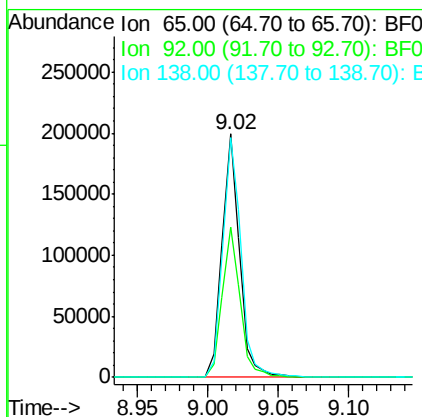
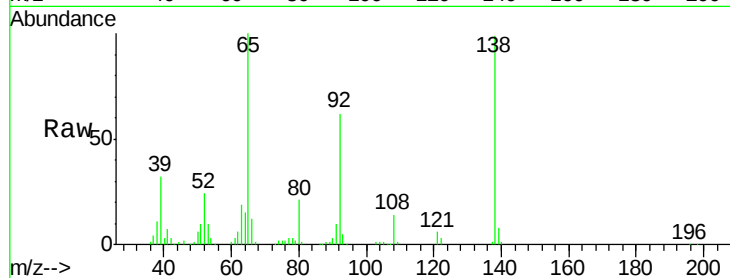




#47
 2-Nitroaniline
 Concen: 42.65 ng
 RT: 9.02 min Scan# 1229
 Delta R.T. -0.07 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

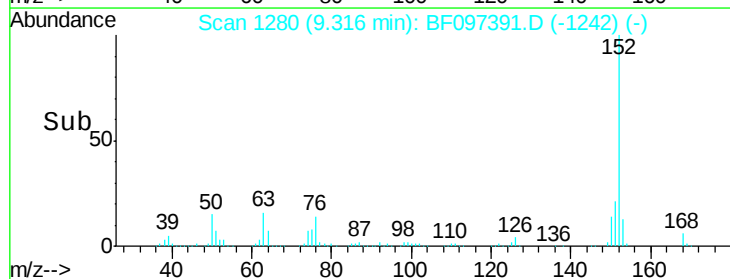
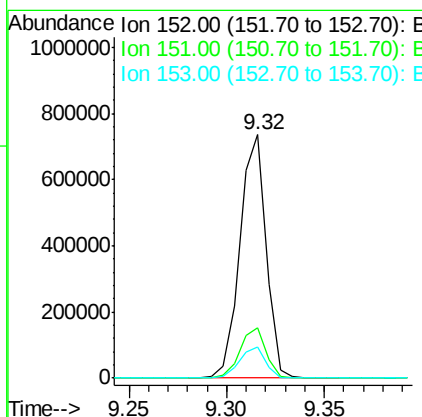
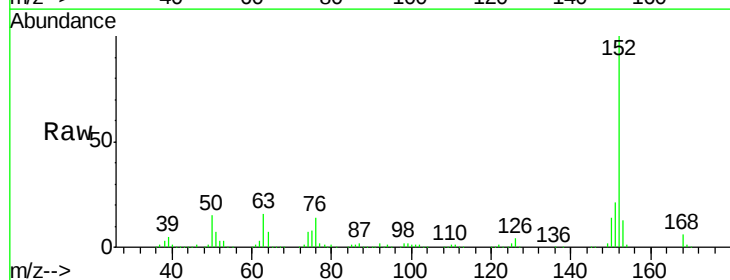
Instrument :
 BNA_F
 ClientSampled :

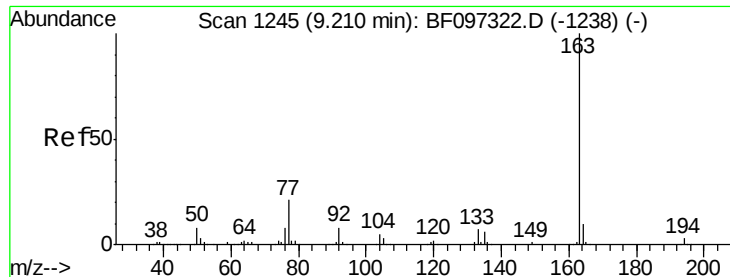
Tot Ion: 65 Resp: 172717
 Ion Ratio Lower Upper
 65 100
 92 61.9 53.9 80.9
 138 98.6 78.8 118.2



#48
 Acenaphthylene
 Concen: 39.93 ng
 RT: 9.32 min Scan# 1280
 Delta R.T. -0.08 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

Tgt Ion: 152 Resp: 683883
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.8 25.2
 153 12.9 10.8 16.2

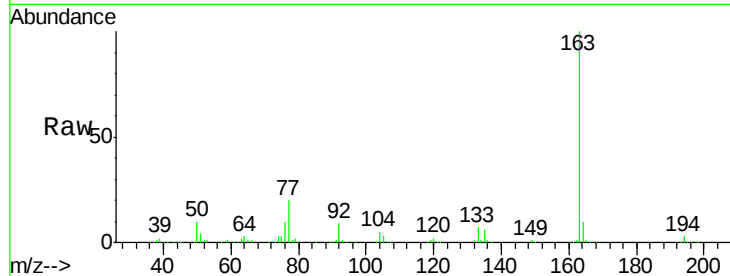




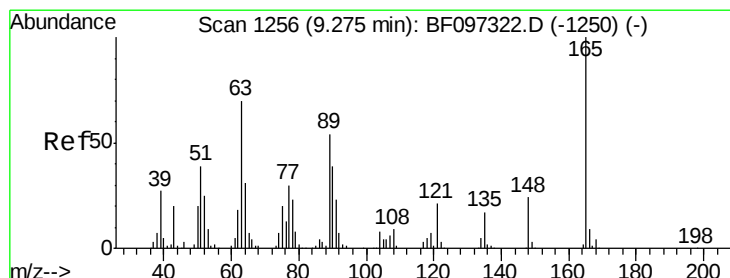
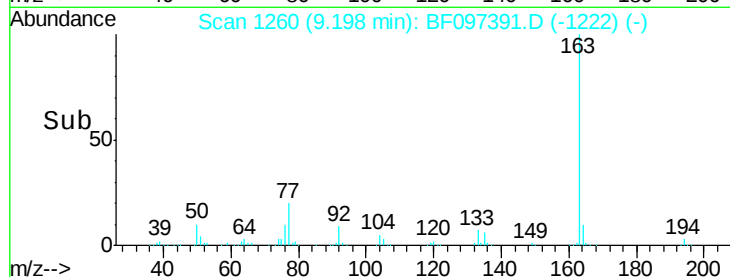
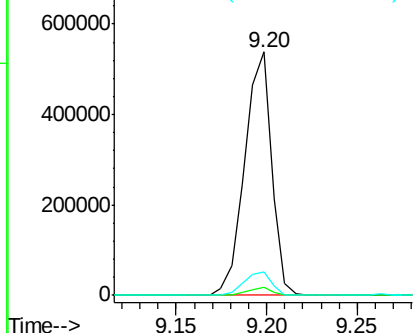
#49
Dimethylphthalate
Concen: 41.23 ng
RT: 9.20 min Scan# 1260
Delta R.T. -0.08 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.9	8.4	12.6

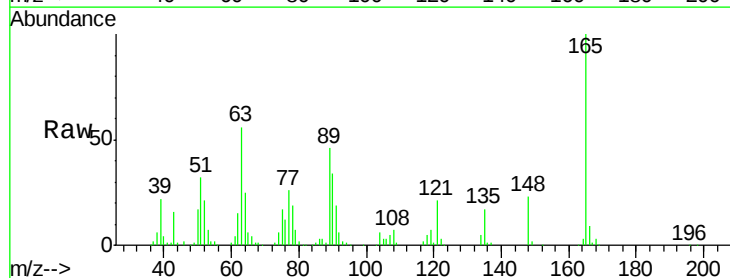


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

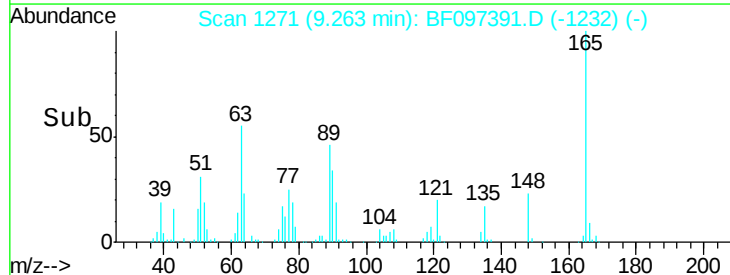
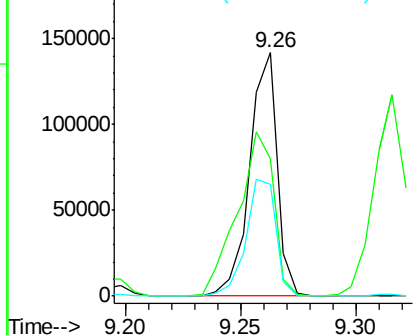


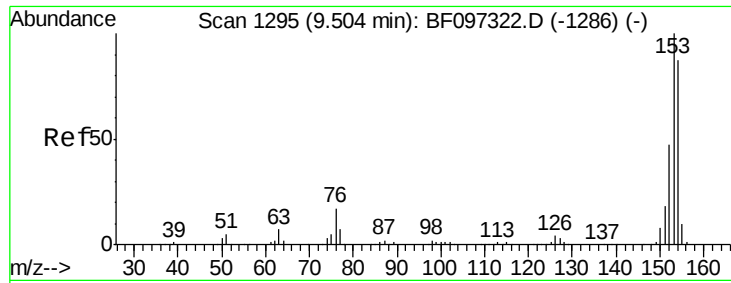
#50
2,6-Dinitrotoluene
Concen: 41.37 ng
RT: 9.26 min Scan# 1271
Delta R.T. -0.07 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.3	34.3	51.5#
89	45.8	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

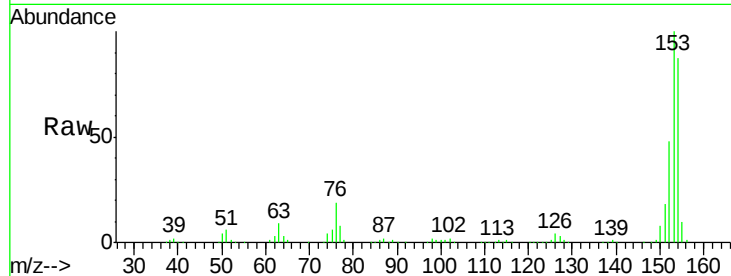




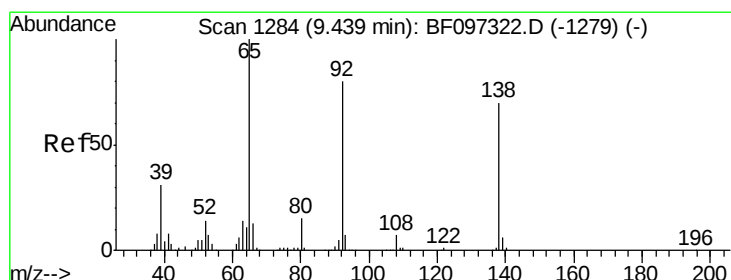
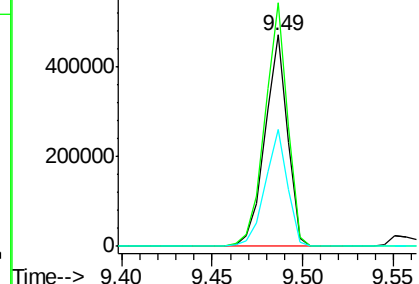
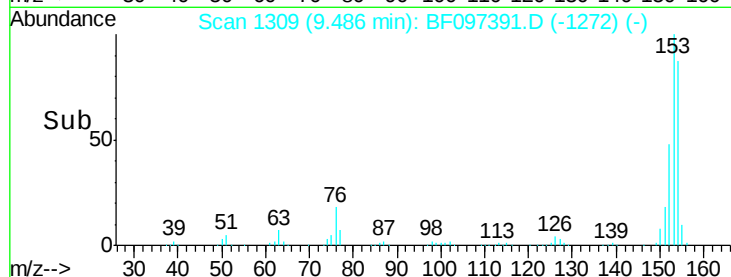
#51
Acenaphthene
Concen: 40.39 ng
RT: 9.49 min Scan# 1309
Delta R.T. -0.08 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 407412
Ion Ratio Lower Upper
154 100
153 115.1 90.5 135.7
152 55.0 43.6 65.4

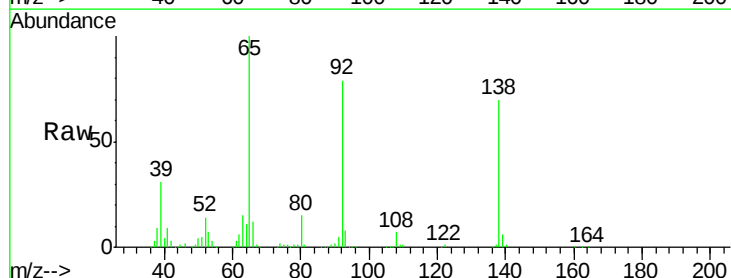


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

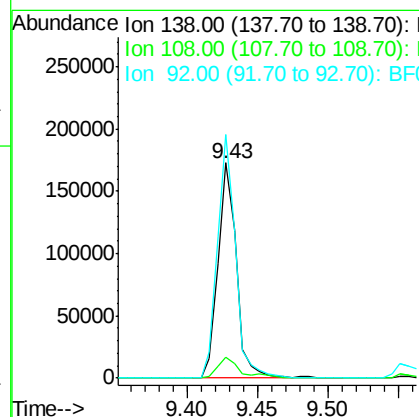
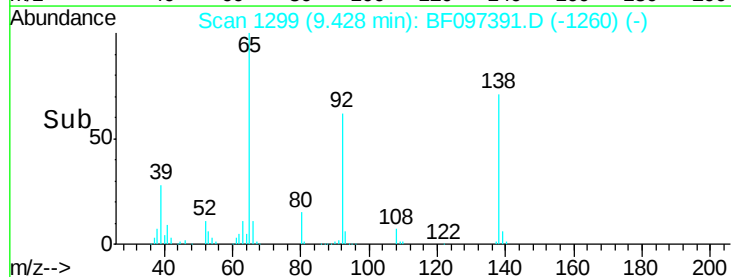


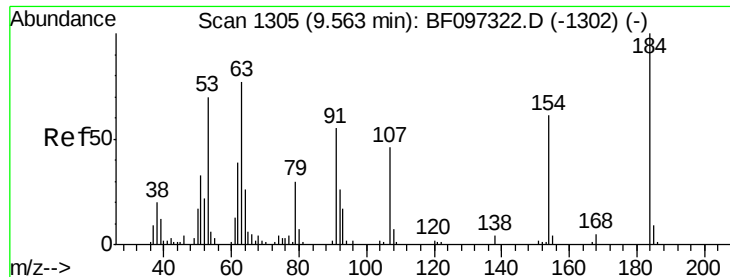
#52
3-Nitroaniline
Concen: 44.28 ng
RT: 9.43 min Scan# 1299
Delta R.T. -0.07 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

Tgt Ion:138 Resp: 157133
Ion Ratio Lower Upper
138 100
108 10.0 9.1 13.7
92 113.1 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

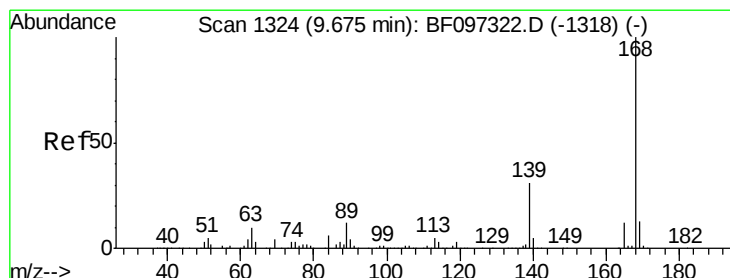
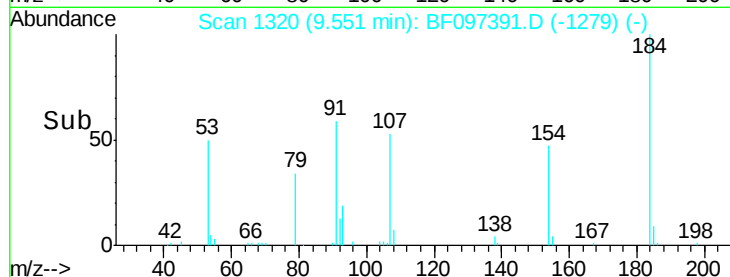
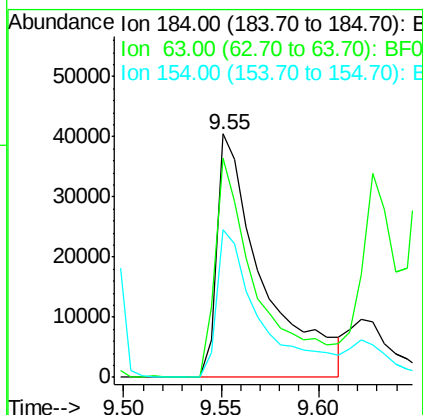
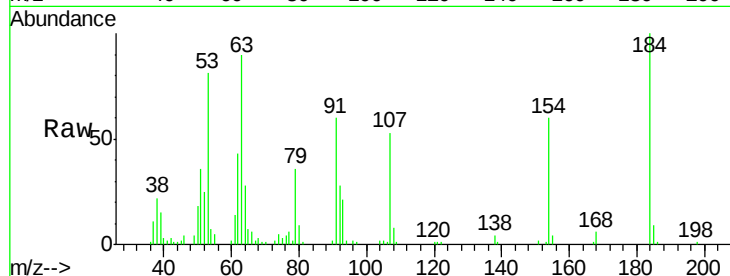




#53
 2,4-Dinitrophenol
 Concen: 50.76 ng
 RT: 9.55 min Scan# 1320
 Delta R.T. -0.06 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

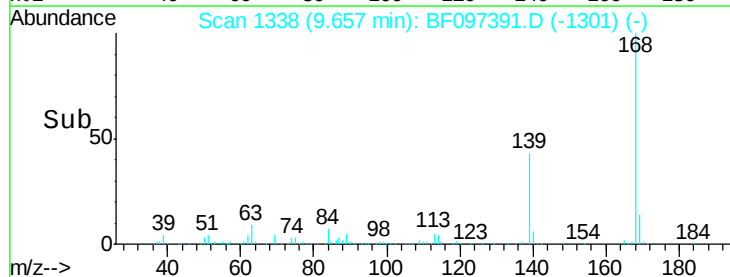
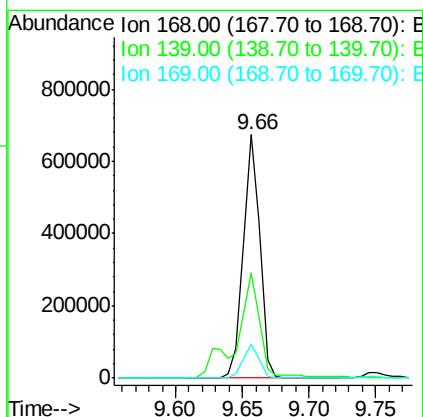
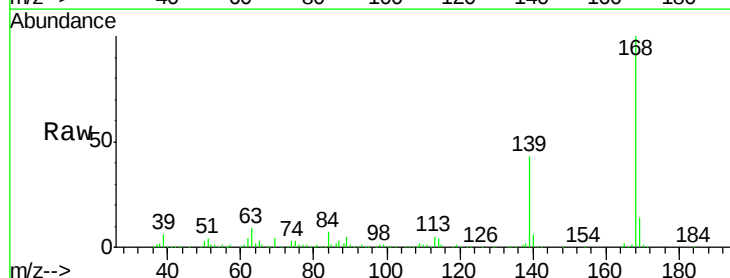
Instrument :
 BNA_F
 ClientSampleID :

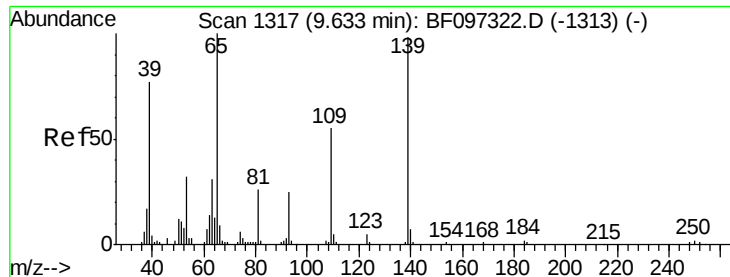
Tot Ion:184 Resp: 65980
 Ion Ratio Lower Upper
 184 100
 63 90.0 62.7 94.1
 154 60.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 43.07 ng
 RT: 9.66 min Scan# 1338
 Delta R.T. -0.08 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

Tgt Ion:168 Resp: 578731
 Ion Ratio Lower Upper
 168 100
 139 43.3 30.6 45.8
 169 13.7 10.8 16.2

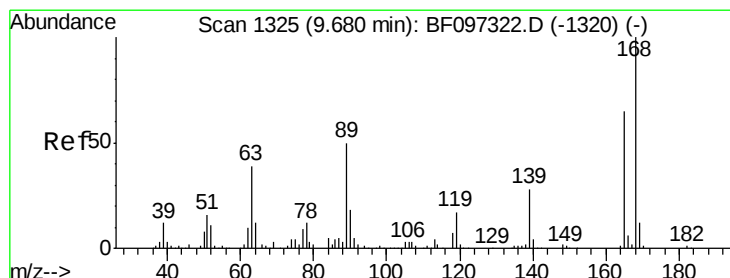
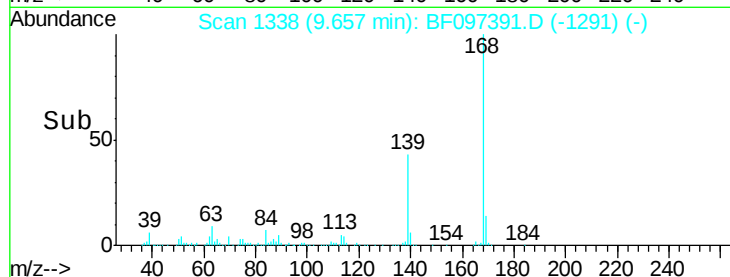
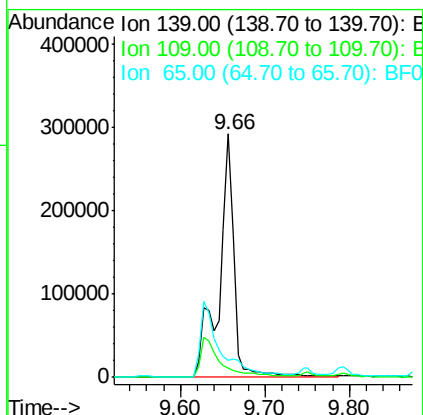
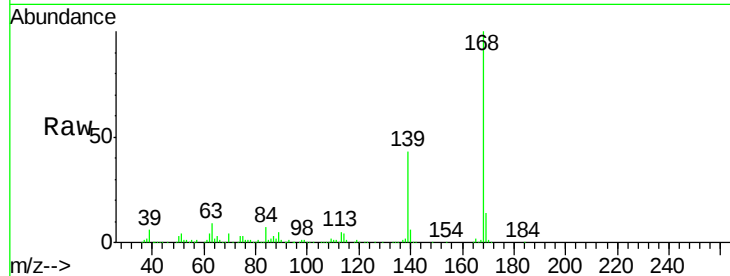




#55
4-Nitrophenol
Concen: 176.28 ng
RT: 9.66 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

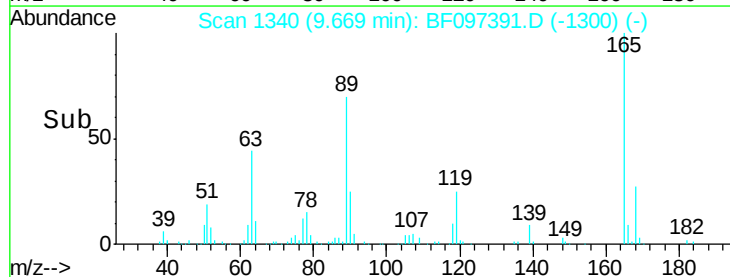
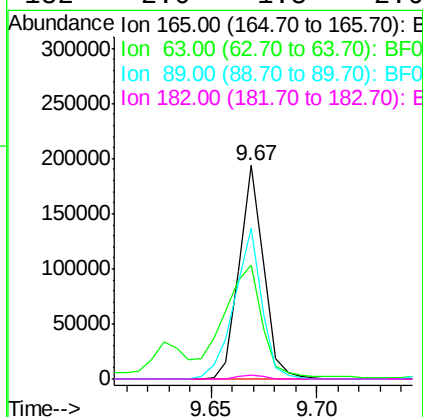
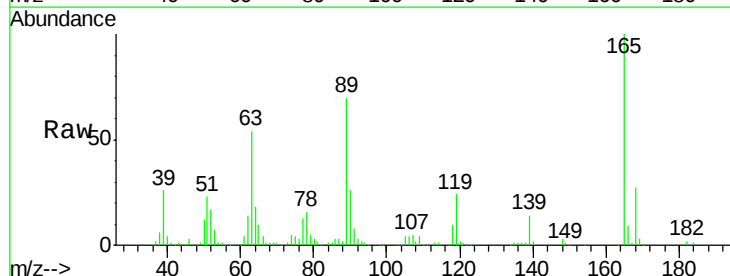
Instrument :
BNA_F
ClientSampleId :

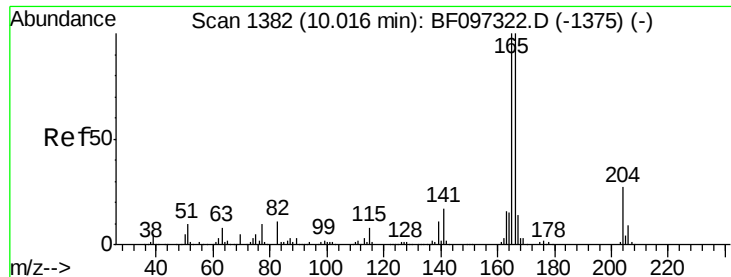
Tot Ion	Ratio	Lower	Upper
139	100		
109	3.8	34.1	74.1#
65	6.9	31.4	71.4#



#56
2,4-Dinitrotoluene
Concen: 46.96 ng
RT: 9.67 min Scan# 1340
Delta R.T. -0.06 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.5	25.4	38.0#
89	70.5	46.4	69.6#
182	2.0	1.8	2.6





#57

Fluorene

Concen: 43.12 ng

RT: 10.00 min Scan# 1396

Delta R.T. -0.08 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

Instrument :

BNA_F

ClientSampled :

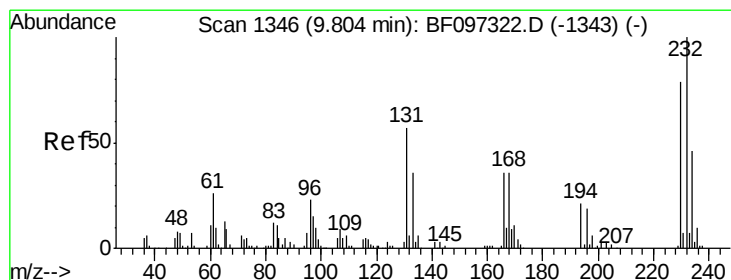
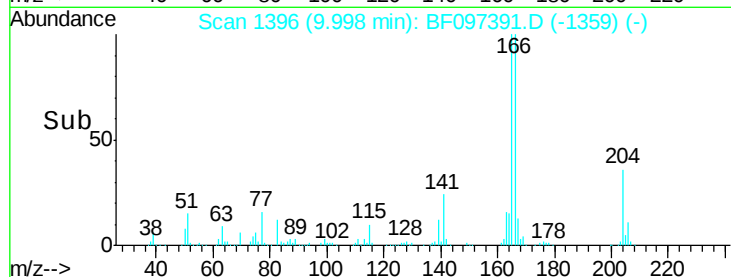
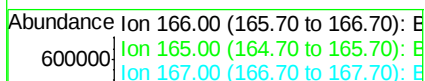
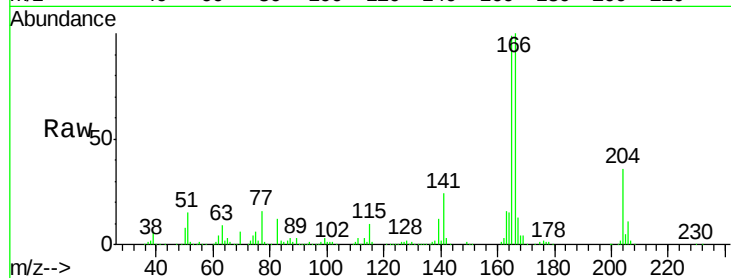
Tot Ion:166 Resp: 435441

Ion Ratio Lower Upper

166 100

165 99.2 78.8 118.2

167 13.5 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.90 ng

RT: 9.79 min Scan# 1361

Delta R.T. -0.07 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

Tgt Ion:232 Resp: 94649

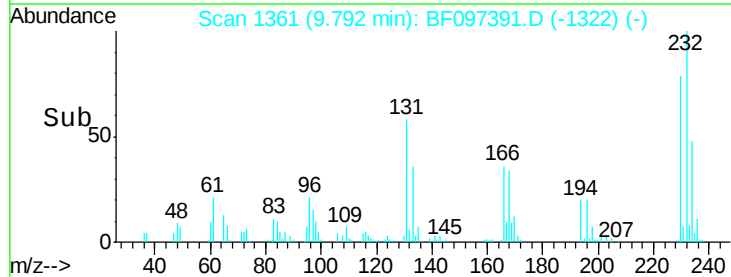
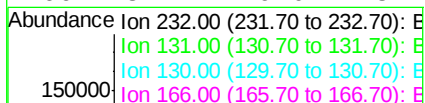
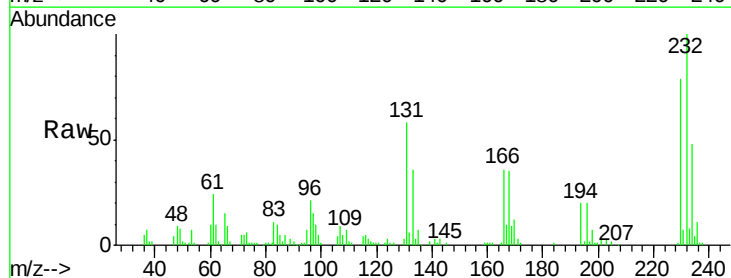
Ion Ratio Lower Upper

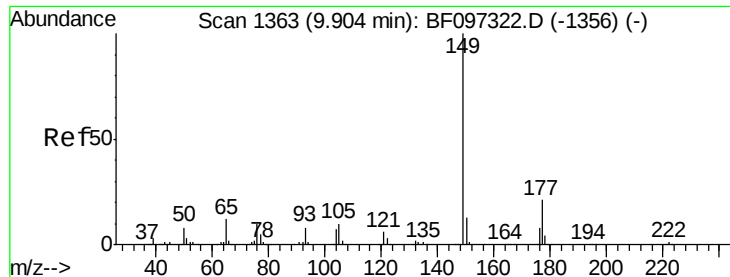
232 100

131 54.9 44.8 67.2

130 2.4 2.3 3.5

166 34.2 29.0 43.4

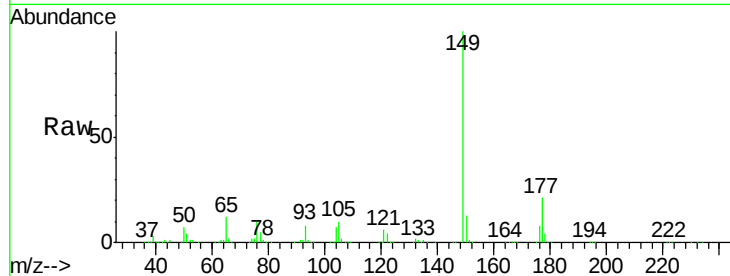




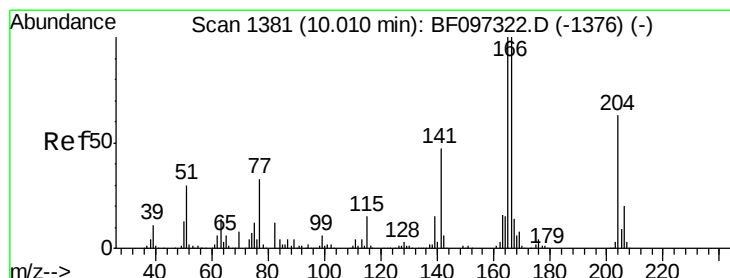
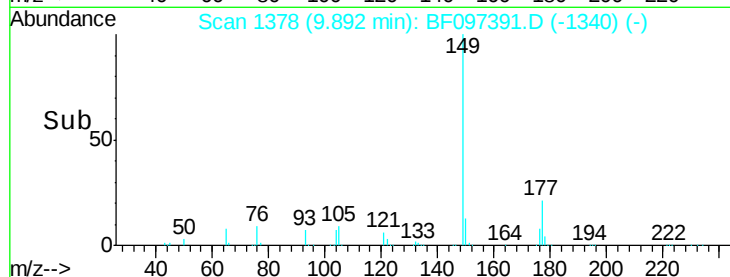
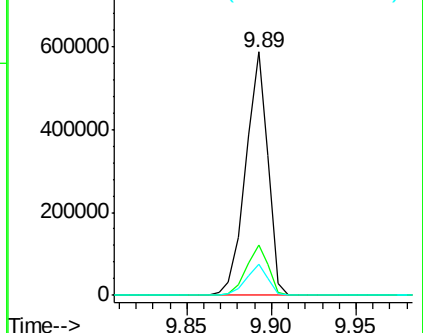
#59
Diethylphthalate
Concen: 43.56 ng
RT: 9.89 min Scan# 1378
Delta R.T. -0.08 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.7	25.1
150	12.7	10.2	15.2

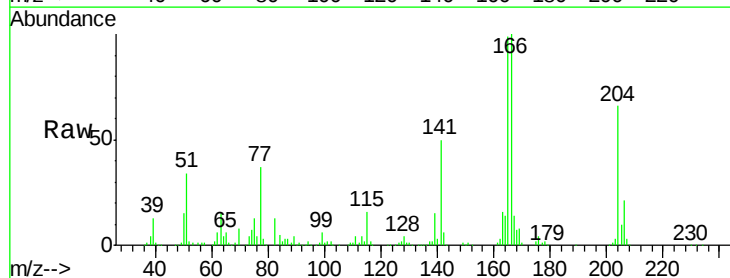


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

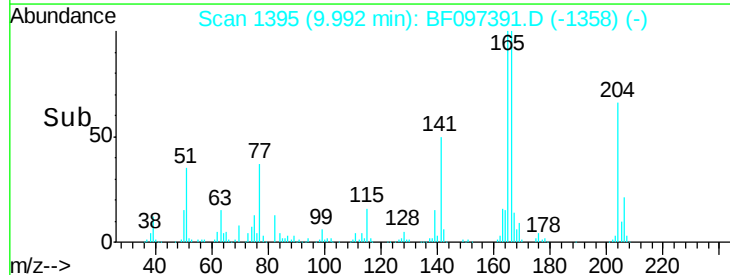
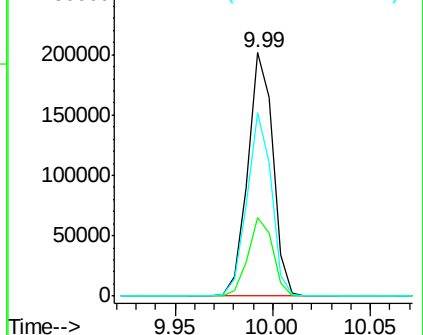


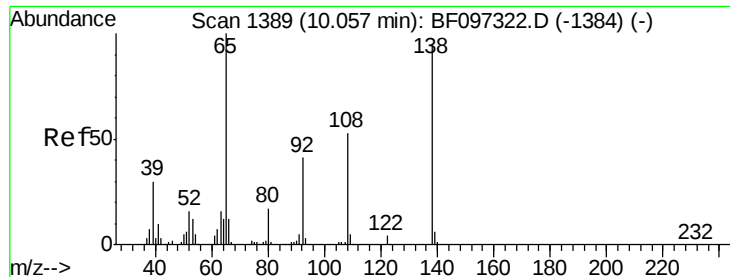
#60
4-Chlorophenyl-phenylether
Concen: 43.38 ng
RT: 9.99 min Scan# 1395
Delta R.T. -0.08 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.2	39.2
141	75.2	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

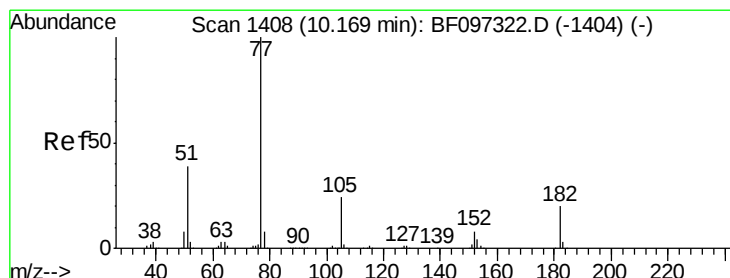
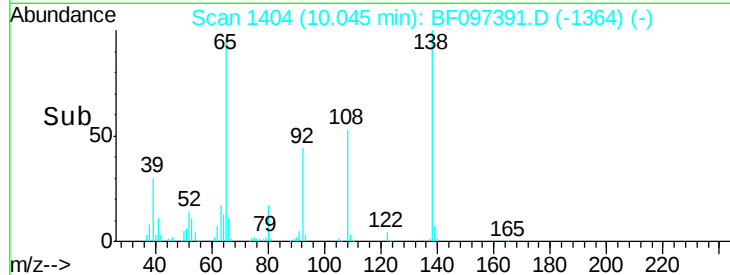
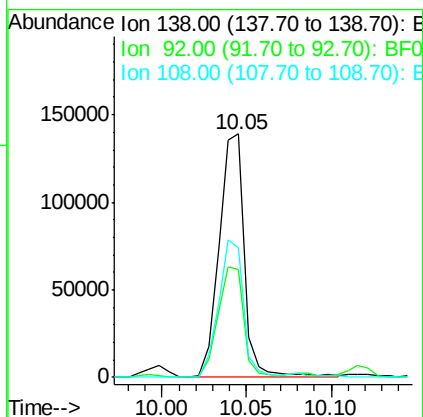
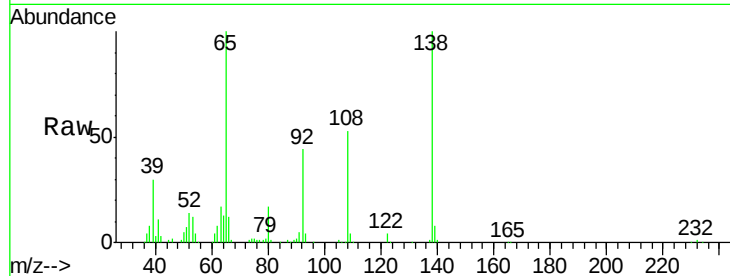




#61
4-Nitroaniline
Concen: 43.07 ng
RT: 10.05 min Scan# 1404
Delta R.T. -0.06 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

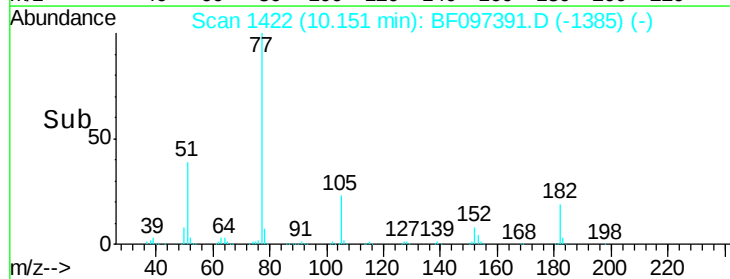
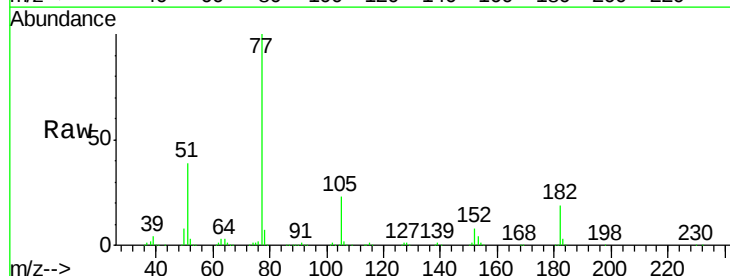
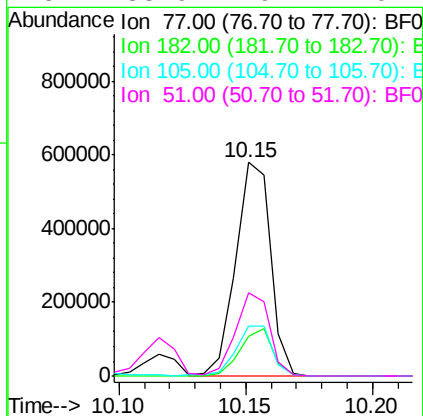
Instrument :
BNA_F
ClientSampled :

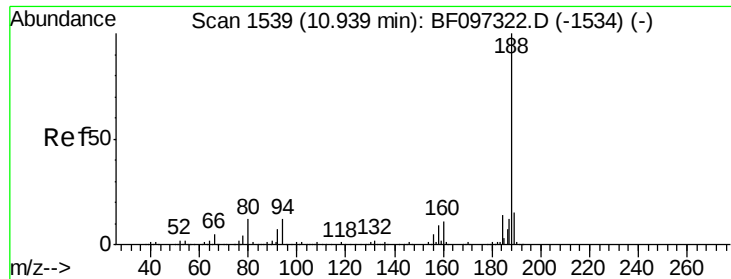
Tot Ion:138 Resp: 145229
Ion Ratio Lower Upper
138 100
92 44.3 21.8 61.8
108 53.1 42.3 82.3



#62
Azobenzene
Concen: 48.21 ng
RT: 10.15 min Scan# 1422
Delta R.T. -0.08 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

Tgt Ion: 77 Resp: 553055
Ion Ratio Lower Upper
77 100
182 18.7 0.1 40.1
105 23.3 3.6 43.6
51 38.9 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.92 min Scan# 1553

Delta R.T. -0.08 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

Instrument :

BNA_F

ClientSampleId :

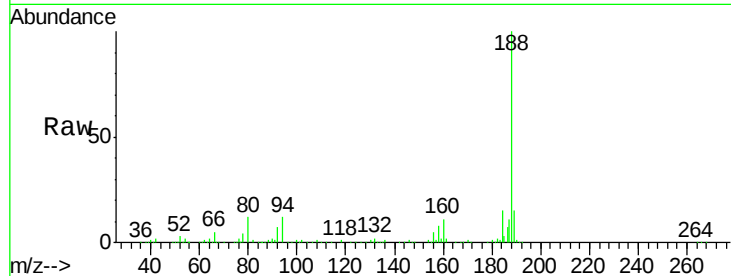
Tot Ion:188 Resp: 291558

Ion Ratio Lower Upper

188 100

94 12.1 9.4 14.2

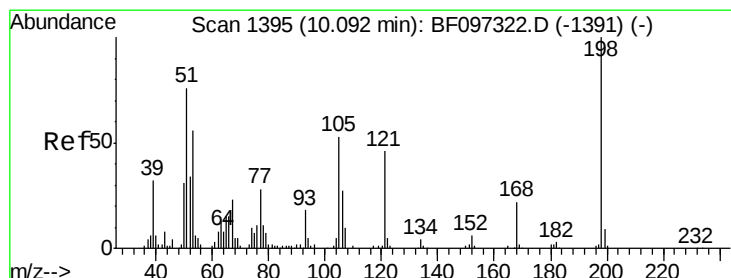
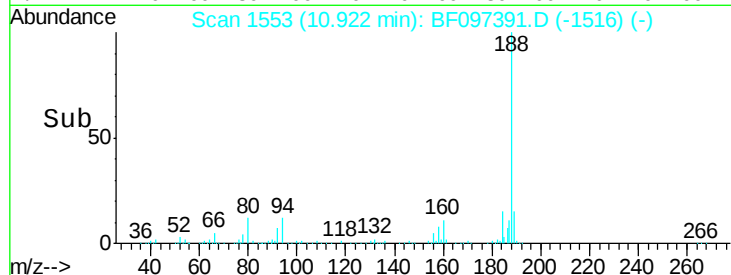
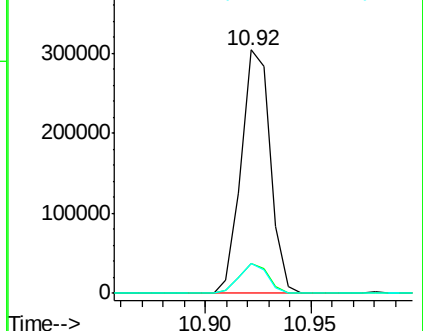
80 12.5 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 44.84 ng

RT: 10.08 min Scan# 1410

Delta R.T. -0.06 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

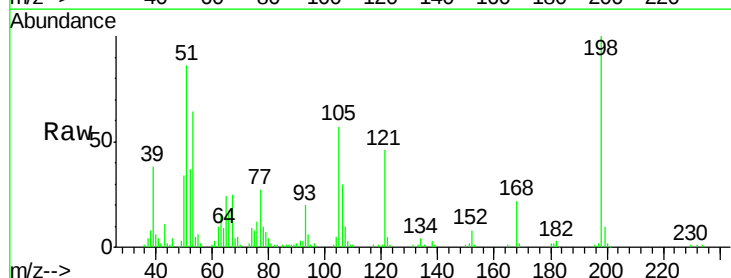
Tgt Ion:198 Resp: 81232

Ion Ratio Lower Upper

198 100

51 85.7 53.2 93.2

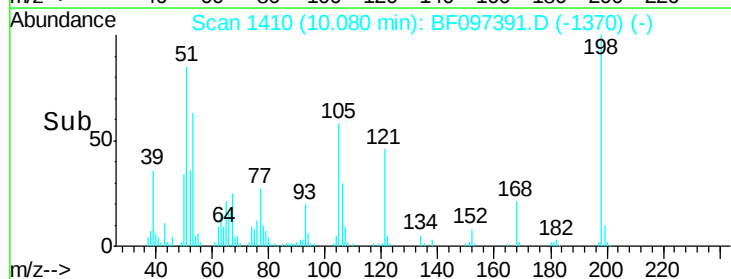
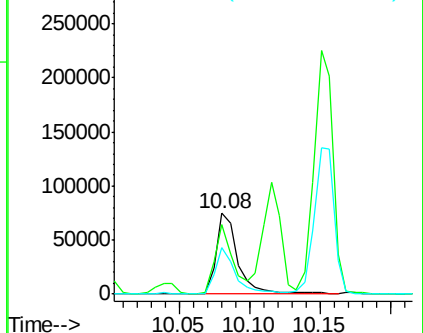
105 57.2 45.8 85.8

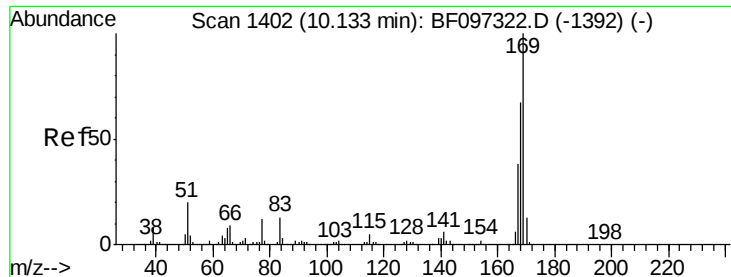


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.48 ng

RT: 10.12 min Scan# 1416

Delta R.T. -0.08 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

Instrument :

BNA_F

ClientSampleId :

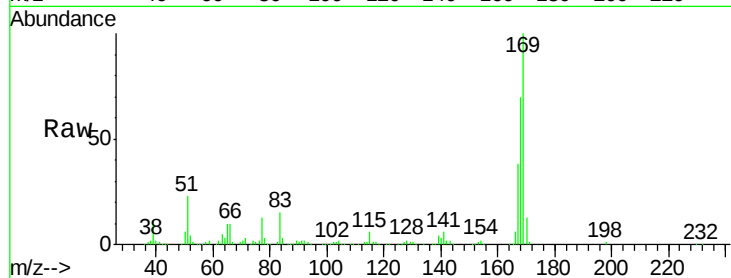
Tot Ion:169 Resp: 441073

Ion Ratio Lower Upper

169 100

168 69.8 53.2 79.8

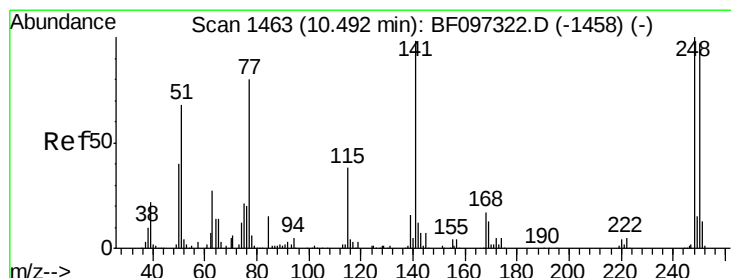
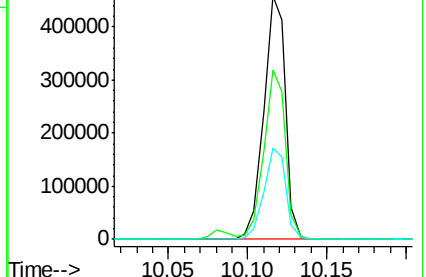
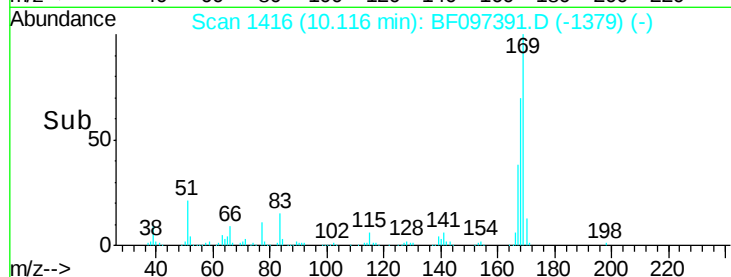
167 37.6 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.66 ng

RT: 10.48 min Scan# 1478

Delta R.T. -0.08 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

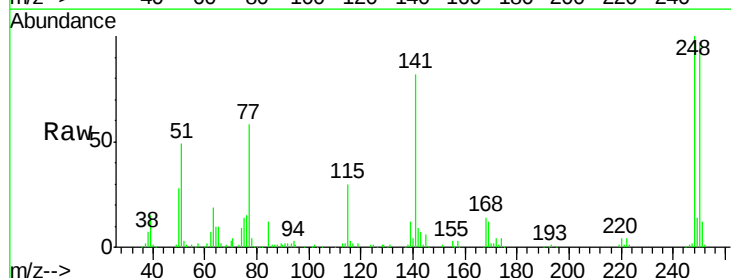
Tgt Ion:248 Resp: 121228

Ion Ratio Lower Upper

248 100

250 97.2 76.8 115.2

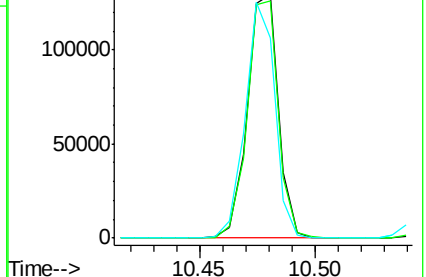
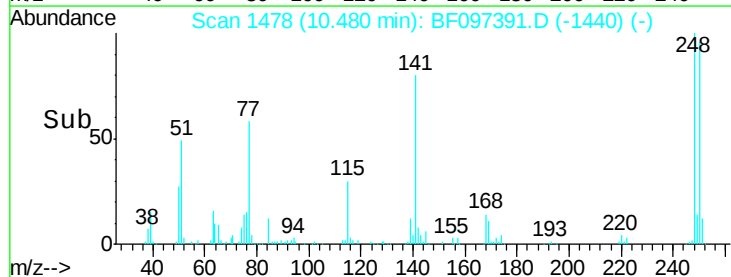
141 82.2 68.6 103.0

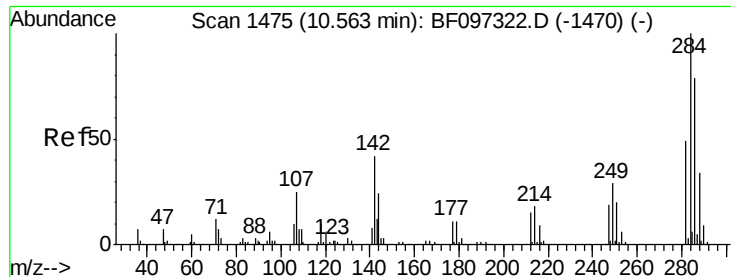


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

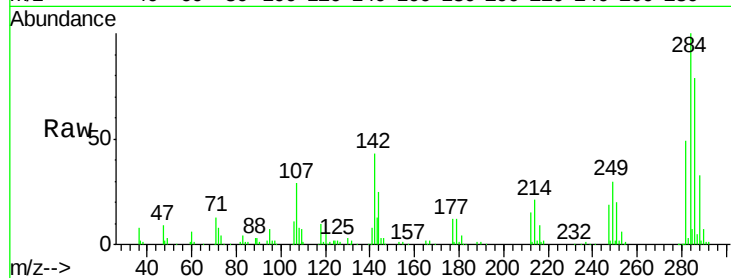




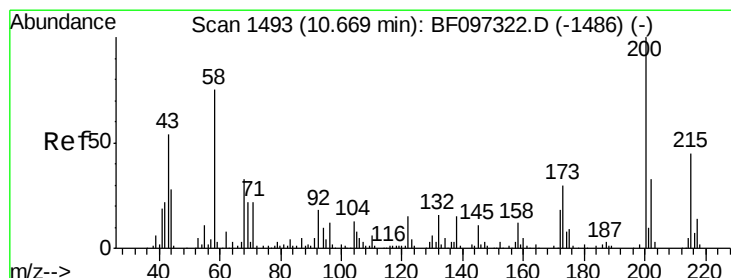
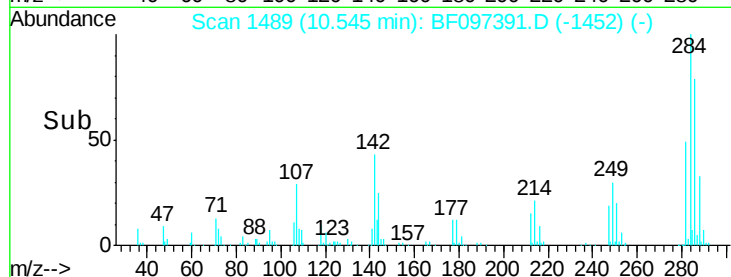
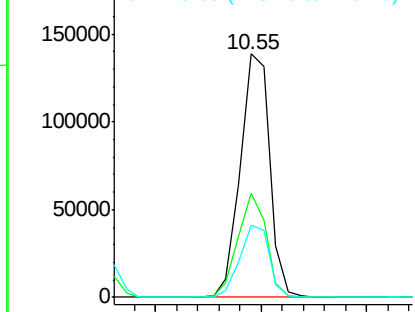
#67
Hexachlorobenzene
Concen: 41.13 ng
RT: 10.55 min Scan# 1489
Delta R.T. -0.08 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 134194
Ion Ratio Lower Upper
284 100
142 42.8 22.8 34.2#
249 29.7 24.0 36.0

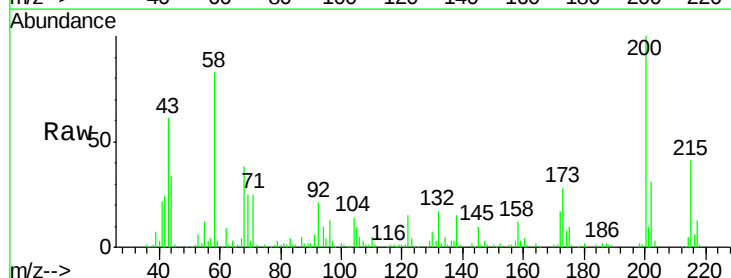


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

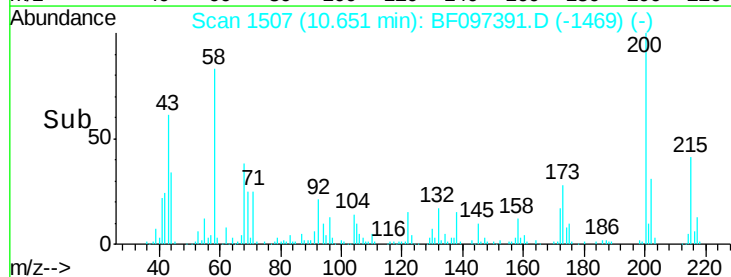
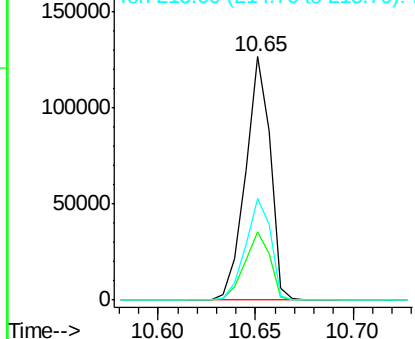


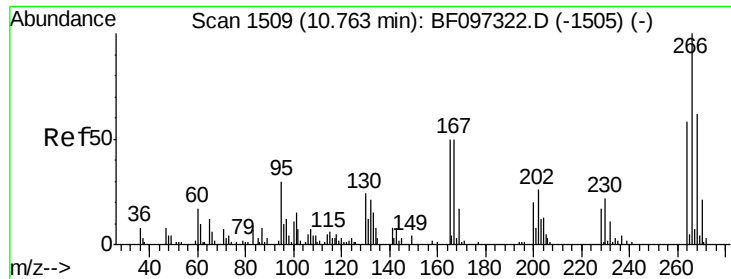
#68
Atrazine
Concen: 38.22 ng
RT: 10.65 min Scan# 1507
Delta R.T. -0.08 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

Tgt Ion:200 Resp: 111179
Ion Ratio Lower Upper
200 100
173 28.1 6.3 46.3
215 41.5 27.2 67.2



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

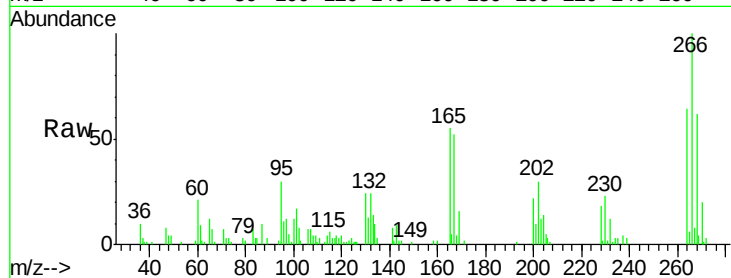




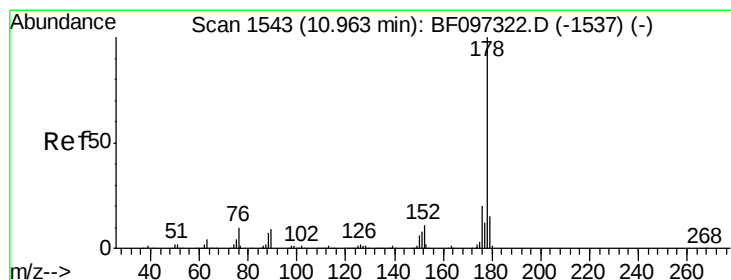
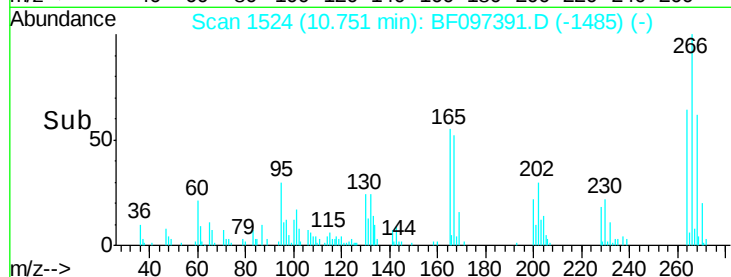
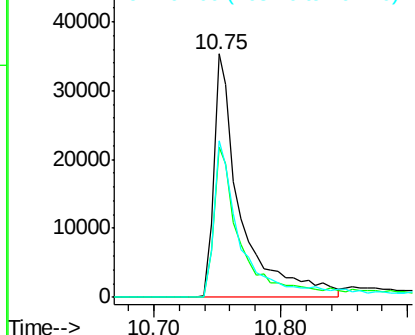
#69
 Pentachlorophenol
 Concen: 38.72 ng
 RT: 10.75 min Scan# 1524
 Delta R.T. -0.07 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 52268
 Ion Ratio Lower Upper
 266 100
 268 61.6 51.1 76.7
 264 64.1 51.7 77.5

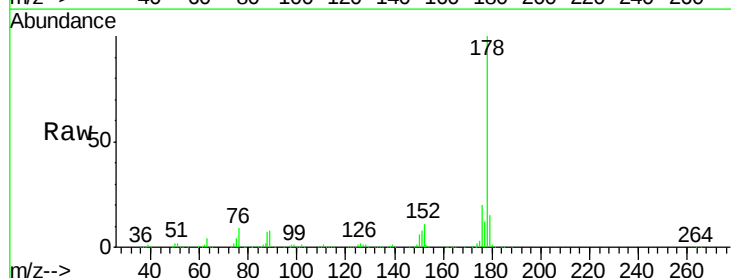


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

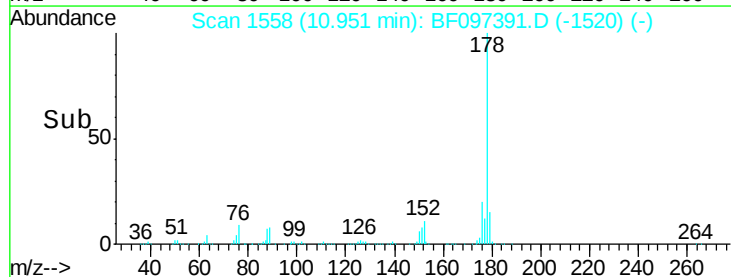
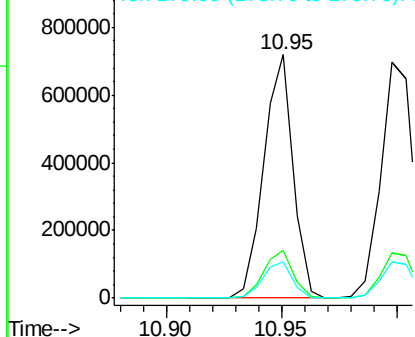


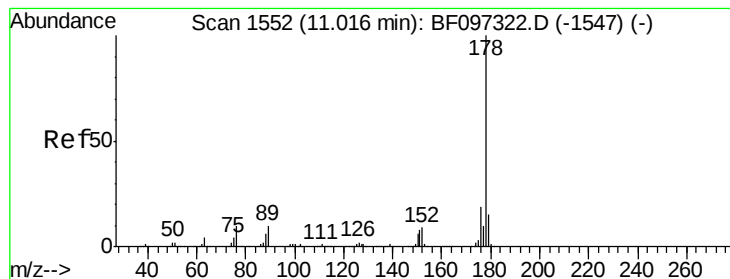
#70
 Phenanthrene
 Concen: 40.77 ng
 RT: 10.95 min Scan# 1558
 Delta R.T. -0.08 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

Tgt Ion:178 Resp: 636876
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.1 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: 42.03 ng

RT: 11.00 min Scan# 1566

Delta R.T. -0.08 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

Instrument :

BNA_F

ClientSampled :

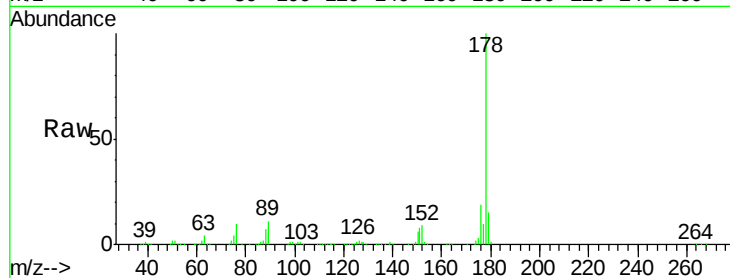
Tot Ion:178 Resp: 672561

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

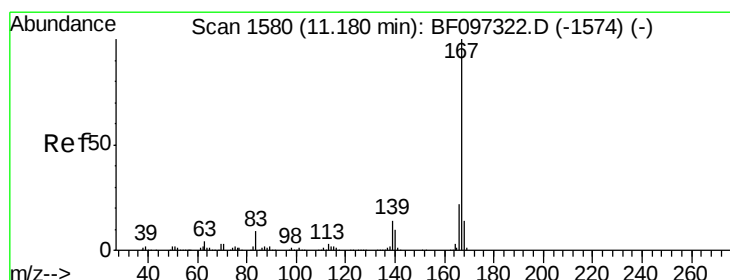
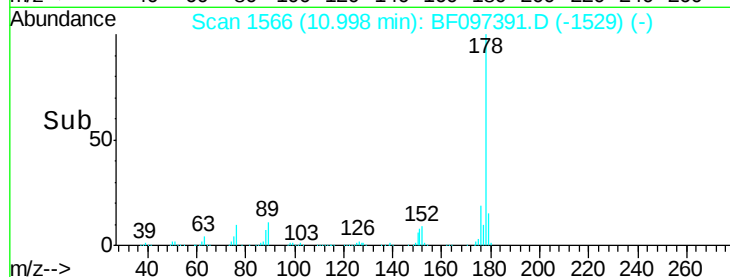
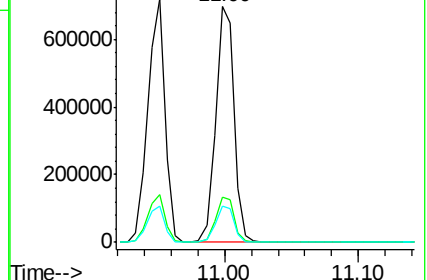
179 15.2 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.99 ng

RT: 11.16 min Scan# 1594

Delta R.T. -0.08 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

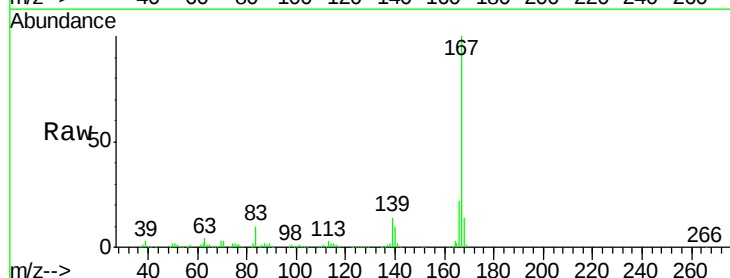
Tgt Ion:167 Resp: 660770

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

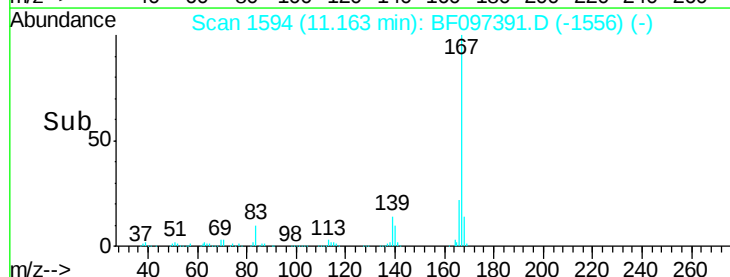
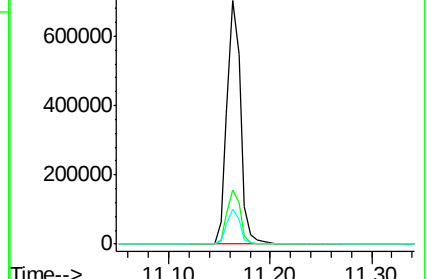
139 14.2 11.7 17.5

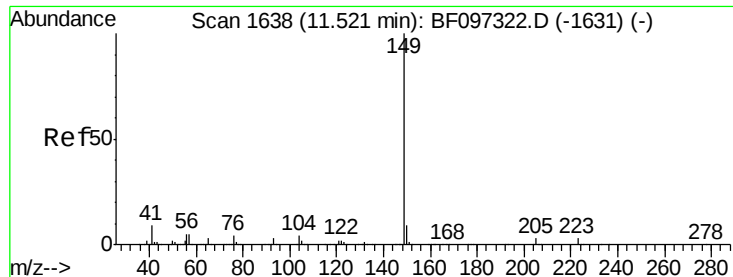


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

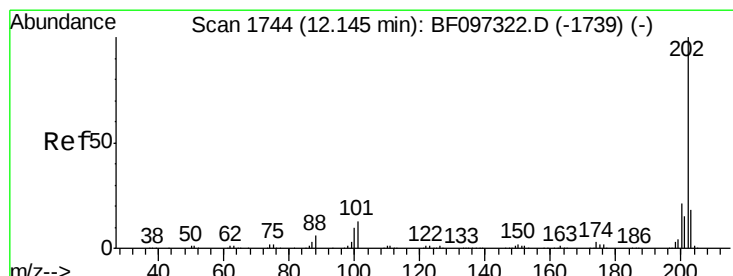
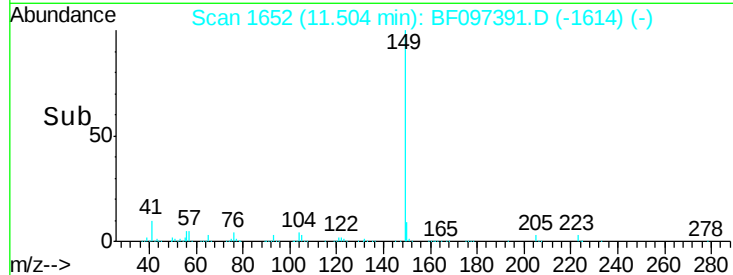
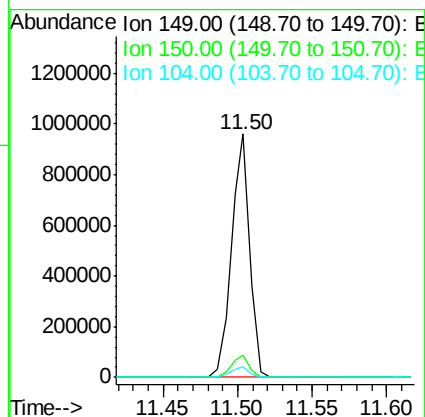
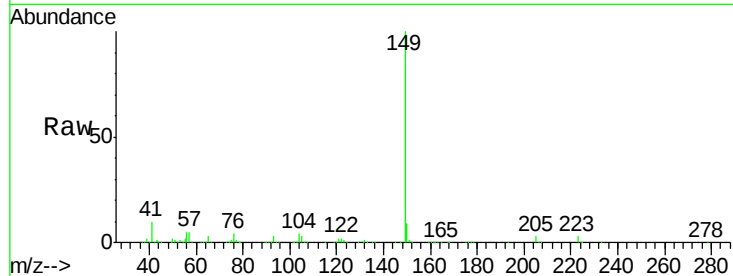




#73
Di-n-butylphthalate
Concen: 42.45 ng
RT: 11.50 min Scan# 1652
Delta R.T. -0.08 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

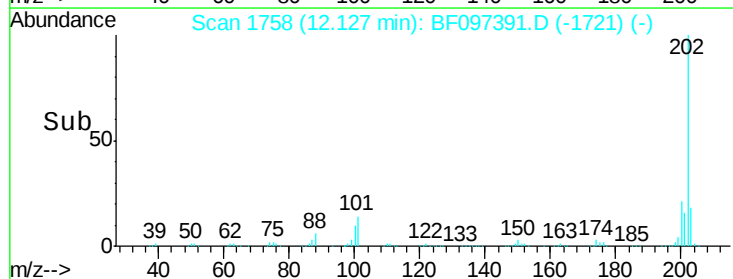
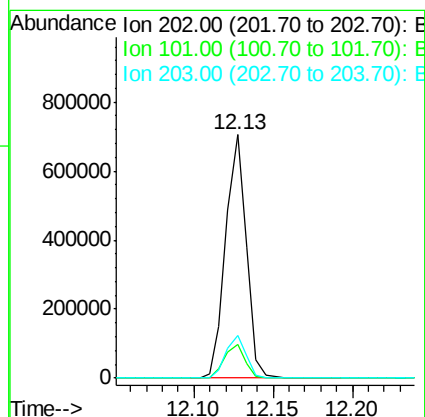
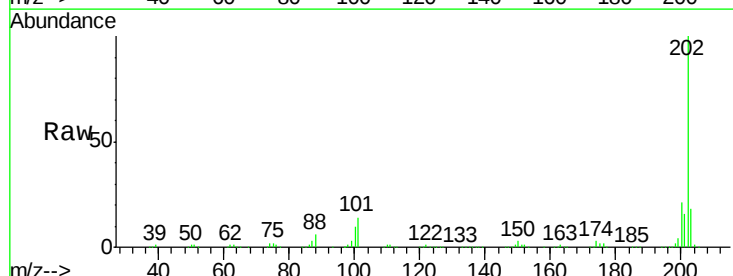
Instrument :
BNA_F
ClientSampleId :

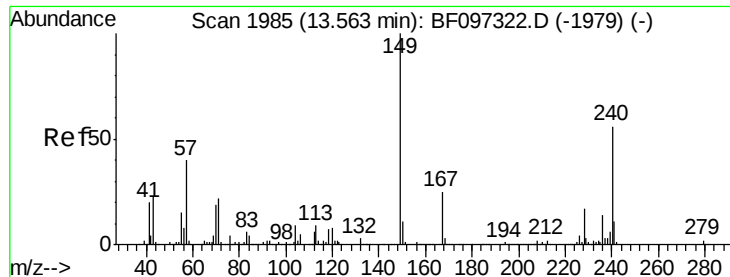
Tot Ion:149 Resp: 825789
Ion Ratio Lower Upper
149 100
150 8.9 7.7 11.5
104 4.3 4.0 6.0



#74
Fluoranthene
Concen: 41.60 ng
RT: 12.13 min Scan# 1758
Delta R.T. -0.08 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

Tgt Ion:202 Resp: 636586
Ion Ratio Lower Upper
202 100
101 14.0 0.0 33.2
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.54 min Scan# 1999

Delta R.T. -0.08 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

Instrument :

BNA_F

ClientSampled :

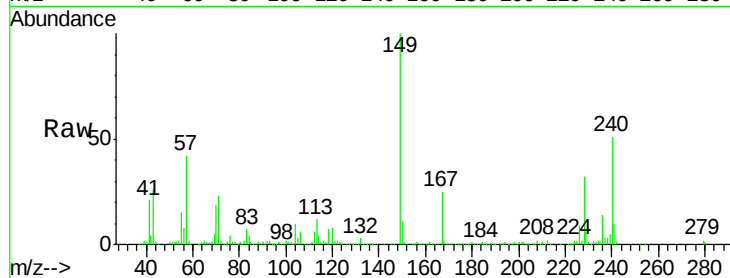
Tot Ion:240 Resp: 194124

Ion Ratio Lower Upper

240 100

120 16.2 5.8 8.8#

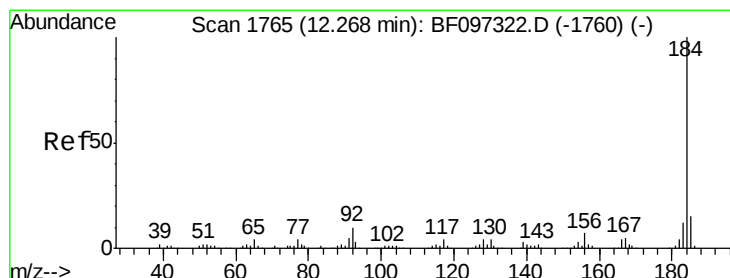
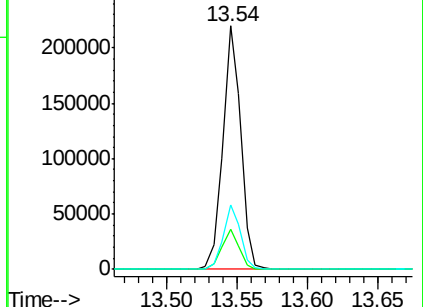
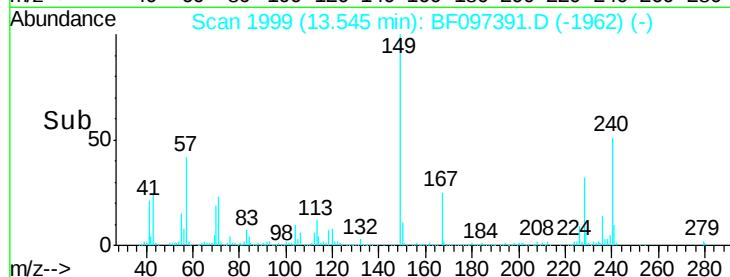
236 26.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.59 ng

RT: 12.26 min Scan# 1780

Delta R.T. -0.08 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

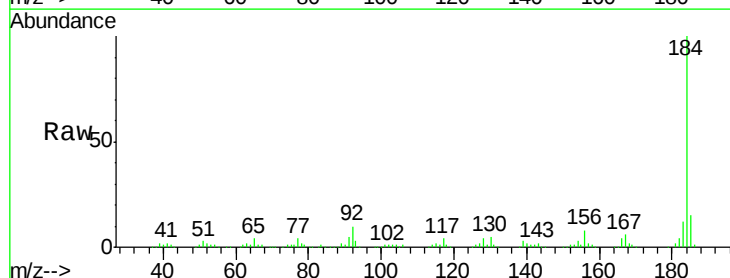
Tgt Ion:184 Resp: 227555

Ion Ratio Lower Upper

184 100

185 14.9 15.5 23.3#

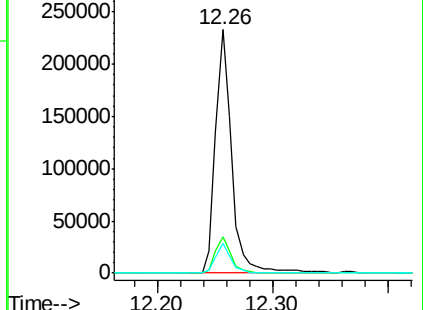
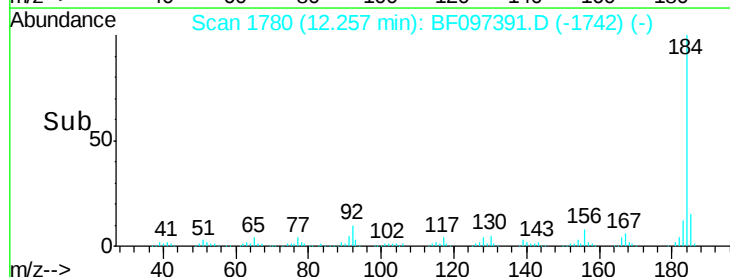
183 12.1 9.8 14.6

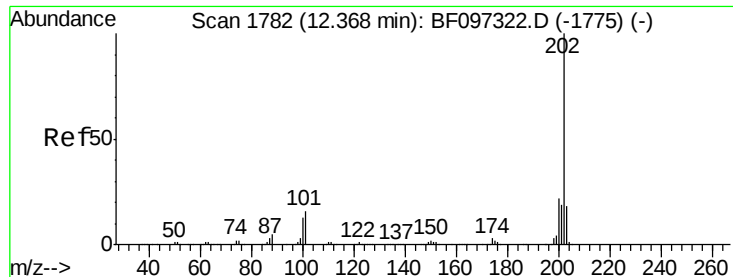


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

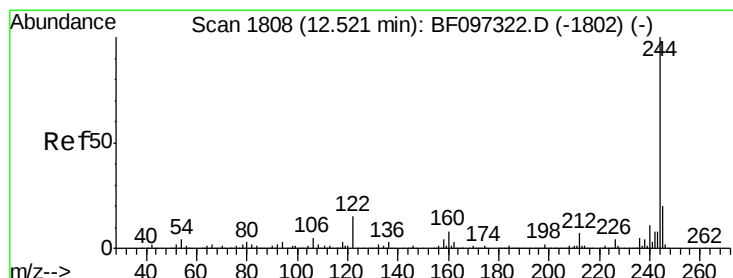
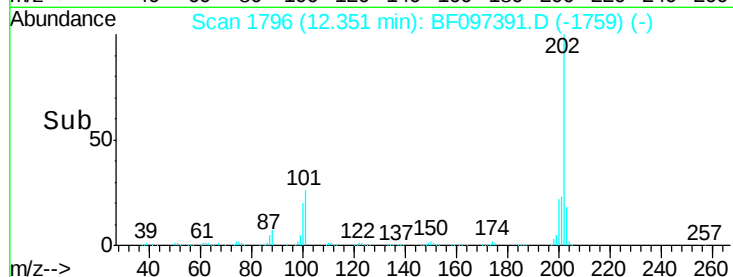
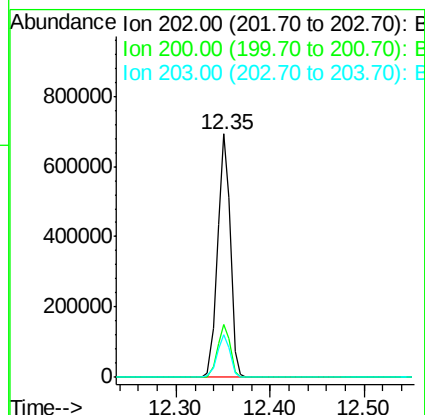
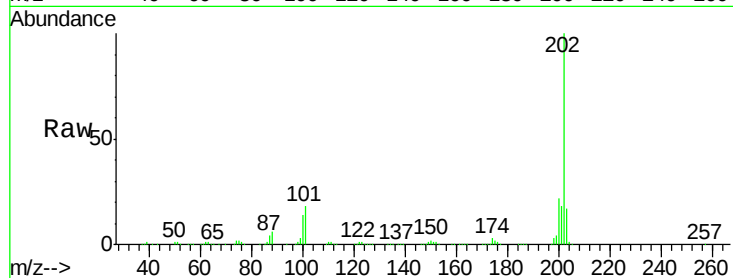




#77
Pvrene
Concen: 41.82 ng
RT: 12.35 min Scan# 1796
Delta R.T. -0.08 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

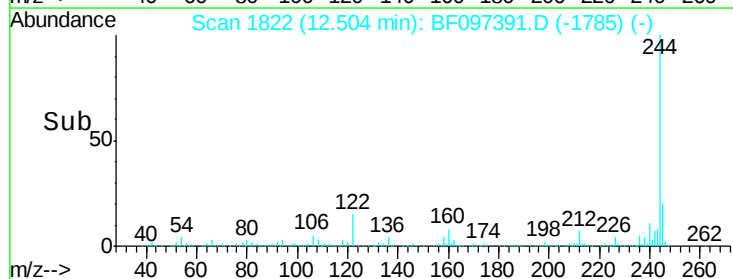
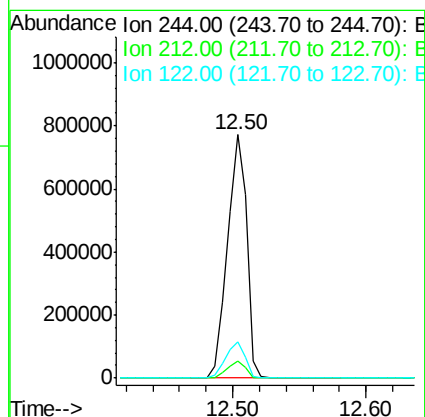
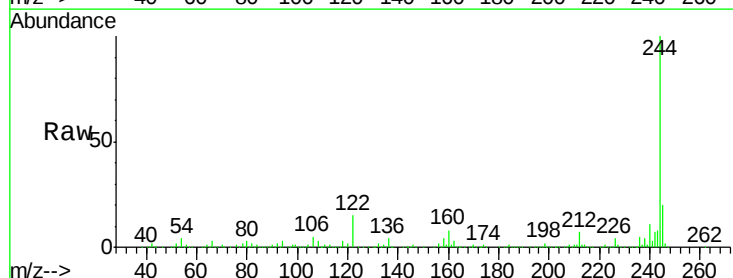
Instrument :
BNA_F
ClientSampleId :

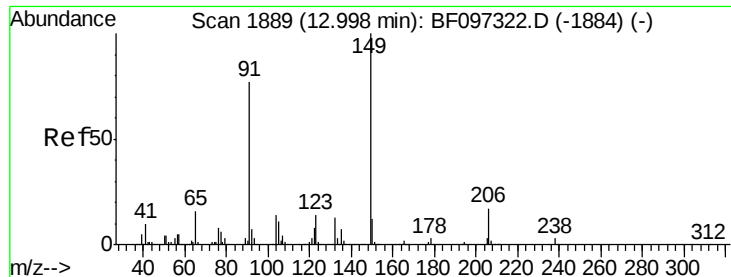
Tot Ion:202 Resp: 664667
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 17.4 14.4 21.6



#78
Terphenyl-d14
Concen: 82.64 ng
RT: 12.50 min Scan# 1822
Delta R.T. -0.08 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

Tgt Ion:244 Resp: 786872
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 14.9 10.3 15.5

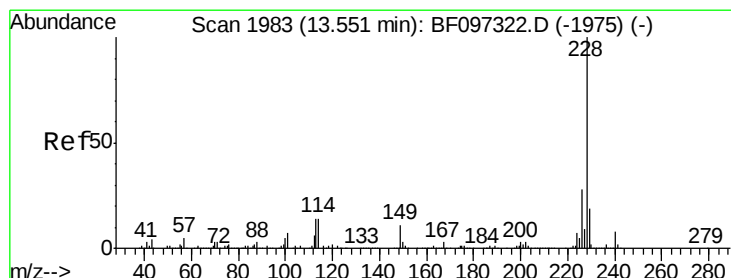
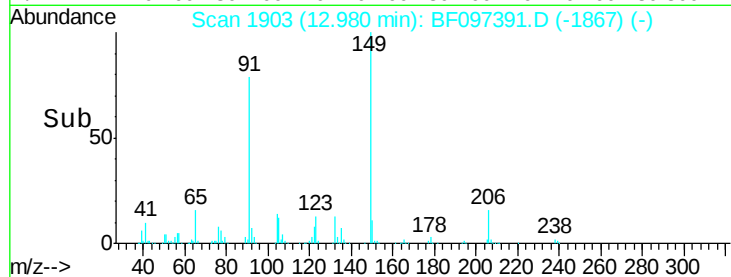
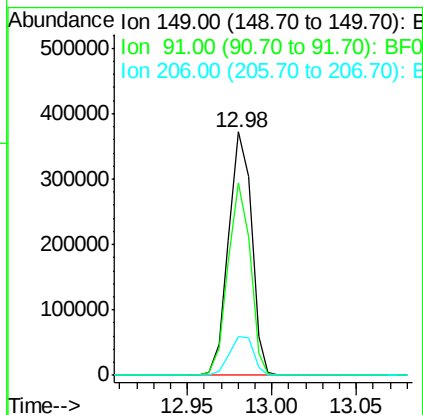
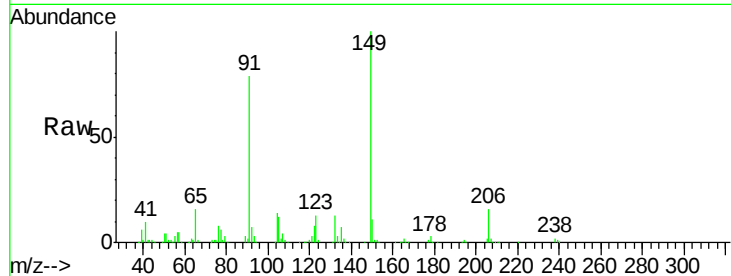




#79
Butylbenzylphthalate
Concen: 43.56 ng
RT: 12.98 min Scan# 1903
Delta R.T. -0.09 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

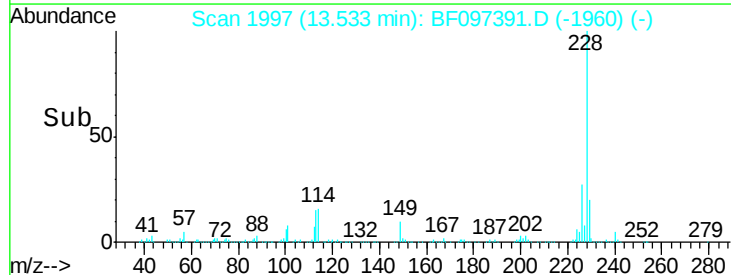
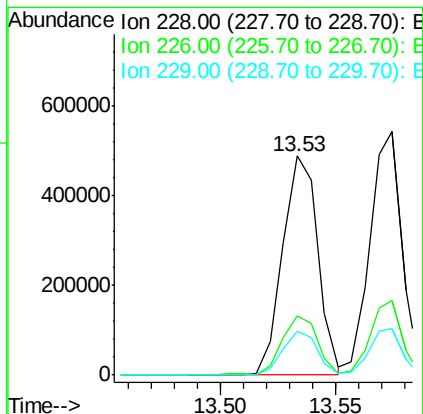
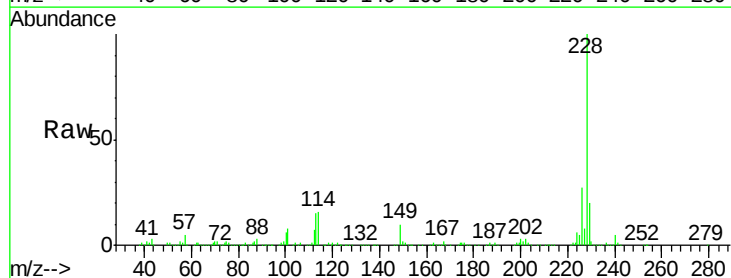
Instrument :
BNA_F
ClientSampled :

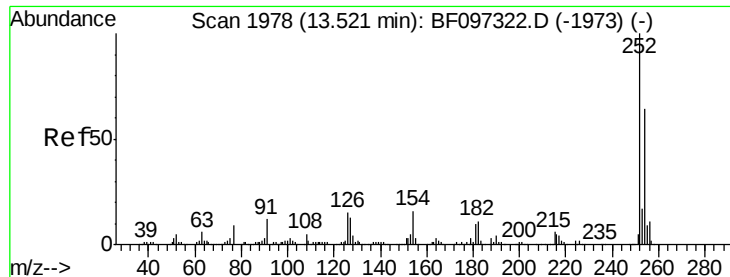
Tot Ion:149 Resp: 352175
Ion Ratio Lower Upper
149 100
91 79.2 45.0 67.4#
206 16.0 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 40.86 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.08 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

Tgt Ion:228 Resp: 513270
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 20.3 16.3 24.5

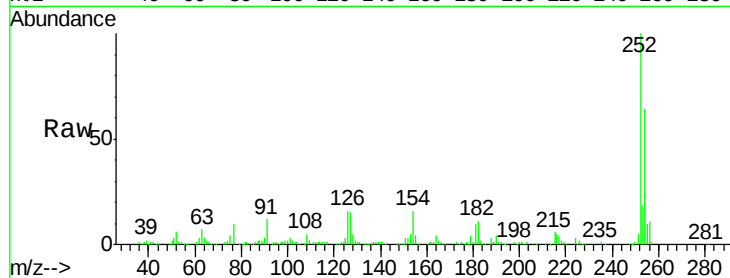




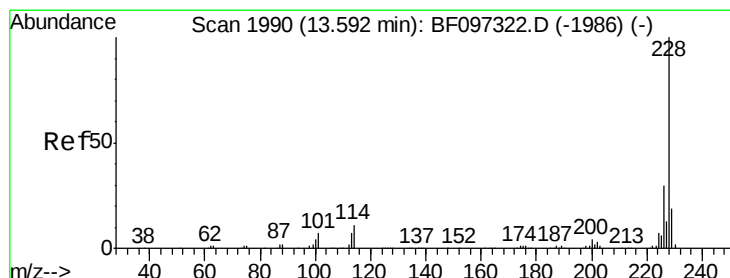
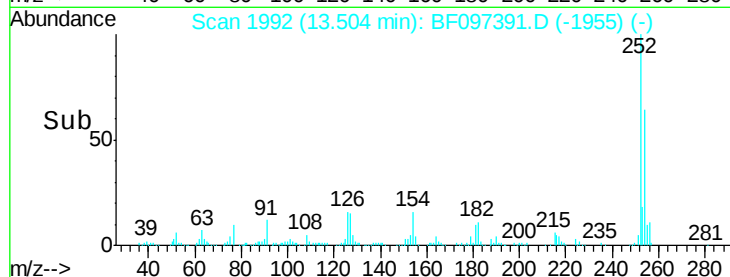
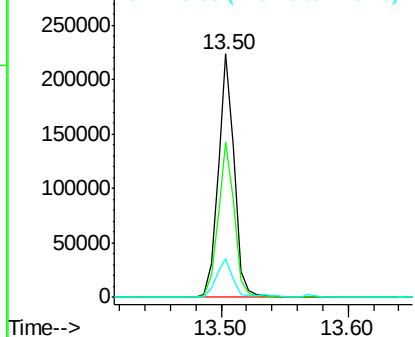
#81
 3,3'-Dichlorobenzidine
 Concen: 41.97 ng
 RT: 13.50 min Scan# 1992
 Delta R.T. -0.08 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.5	77.3
126	15.8	15.8	23.8#

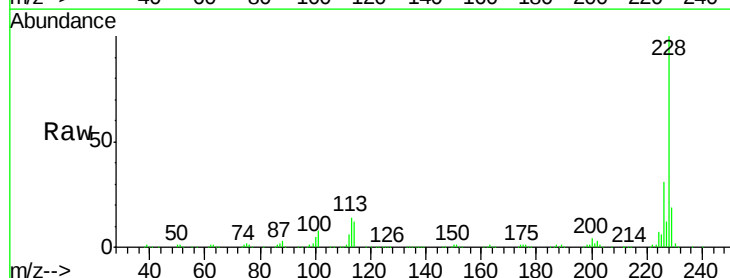


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

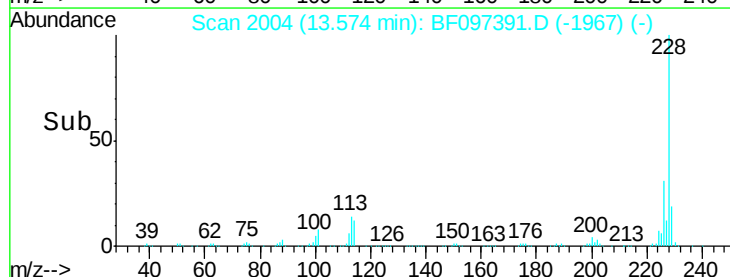
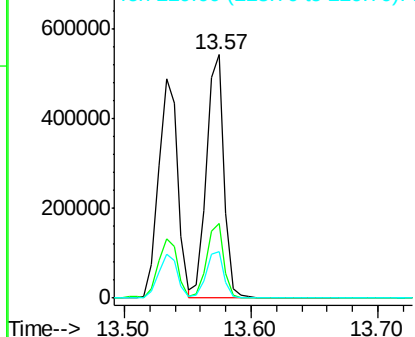


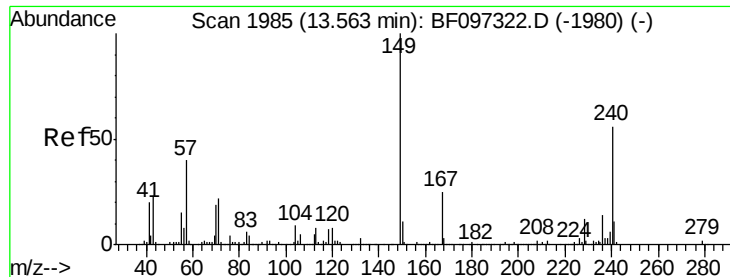
#82
 Chrysene
 Concen: 42.67 ng
 RT: 13.57 min Scan# 2004
 Delta R.T. -0.08 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	19.3	15.8	23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.76 ng

RT: 13.55 min Scan# 2000

Delta R.T. -0.08 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

Instrument :

BNA_F

ClientSampleId :

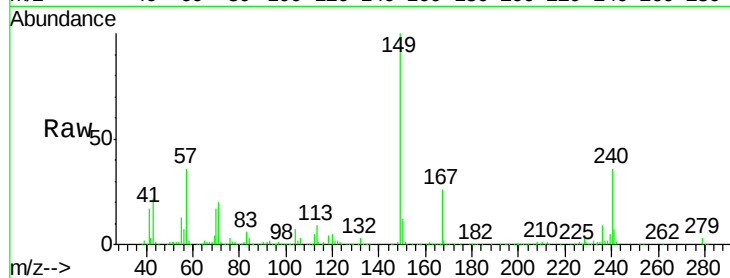
Tot Ion:149 Resp: 451296

Ion Ratio Lower Upper

149 100

167 25.7 21.0 31.4

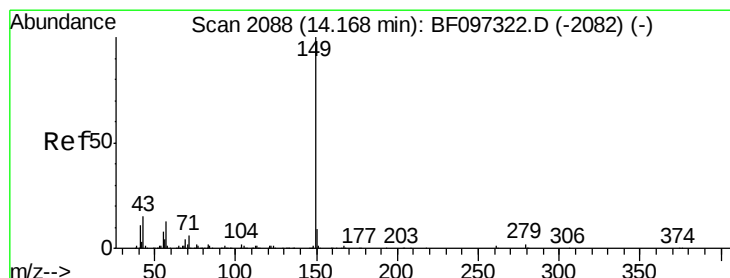
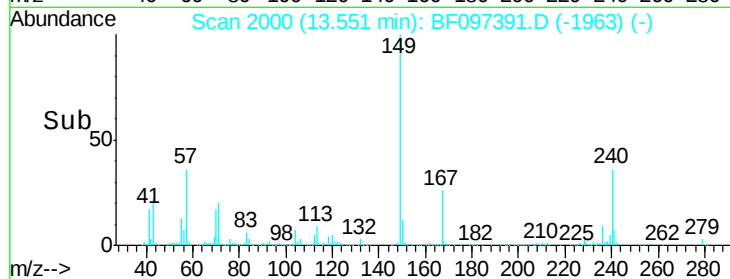
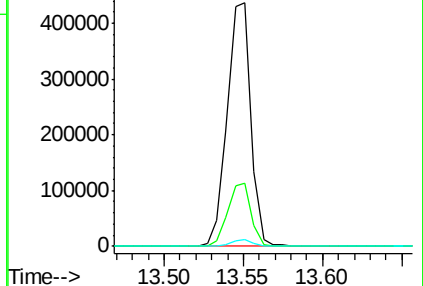
279 2.9 1.9 2.9#



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: 39.93 ng

RT: 14.15 min Scan# 2102

Delta R.T. -0.09 min

Lab File: BF097391.D

Acq: 5 Aug 2017 12:25

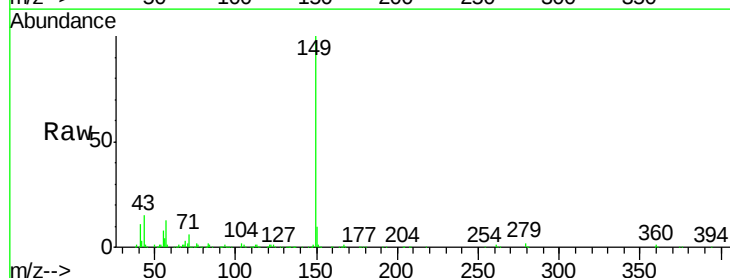
Tgt Ion:149 Resp: 773509

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

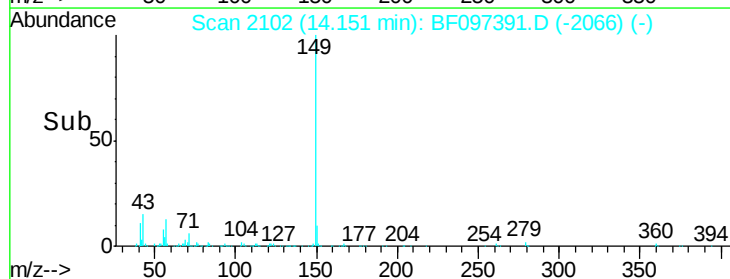
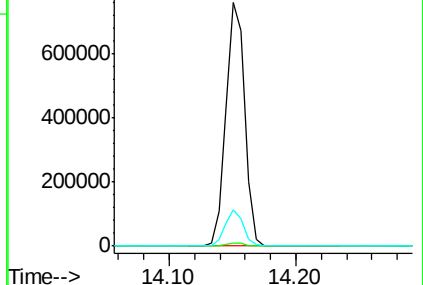
43 14.4 8.5 12.7#

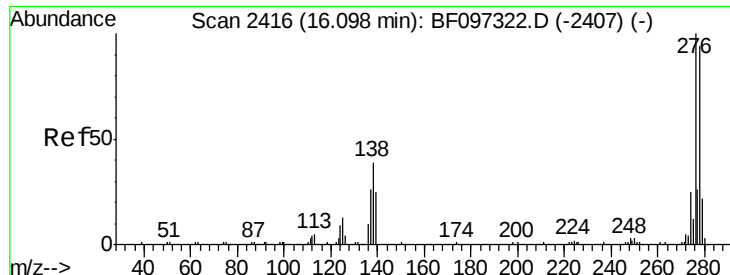


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

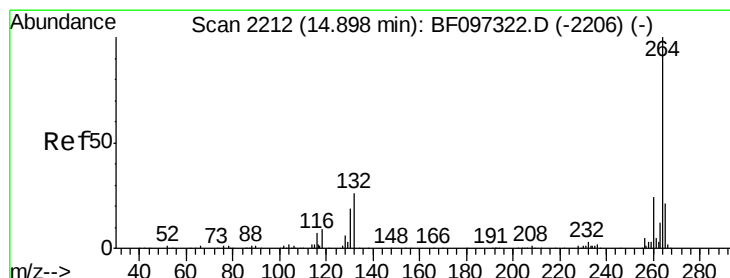
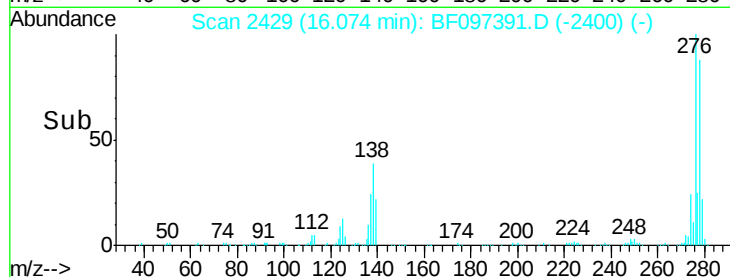
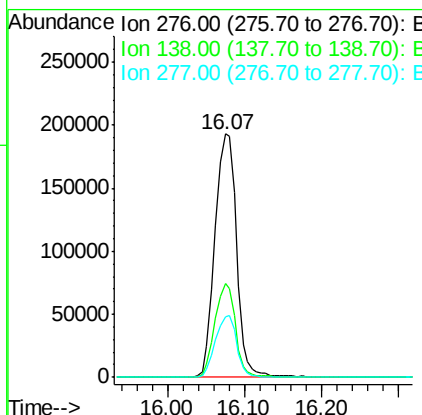
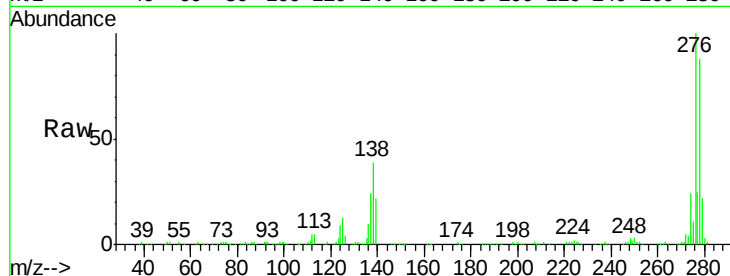




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.62 ng
 RT: 16.07 min Scan# 2429
 Delta R.T. -0.13 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

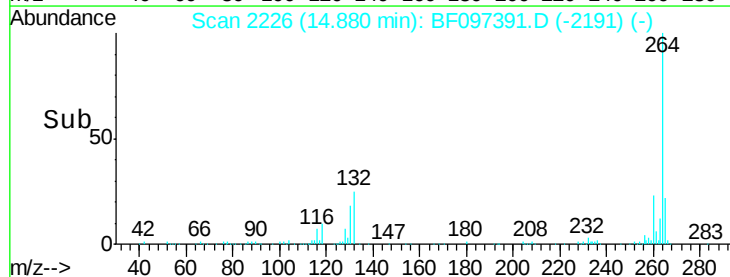
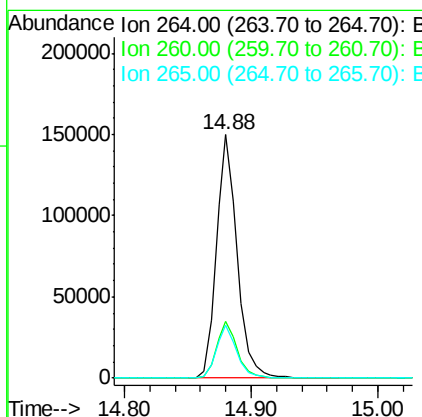
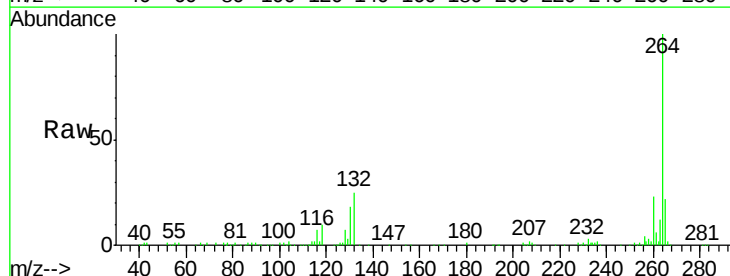
Instrument :
 BNA_F
 ClientSampled :

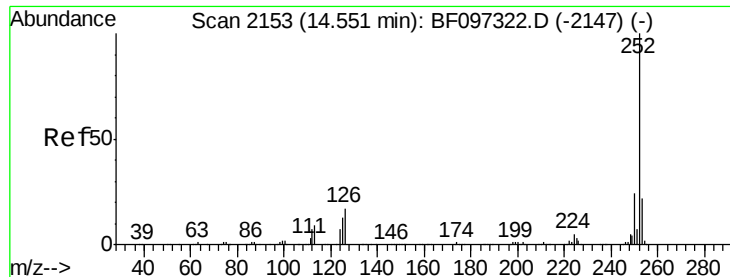
Tot Ion	Ratio	Lower	Upper
276	100		
138	37.0	27.8	41.6
277	24.9	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2226
 Delta R.T. -0.09 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.6	17.2	25.8

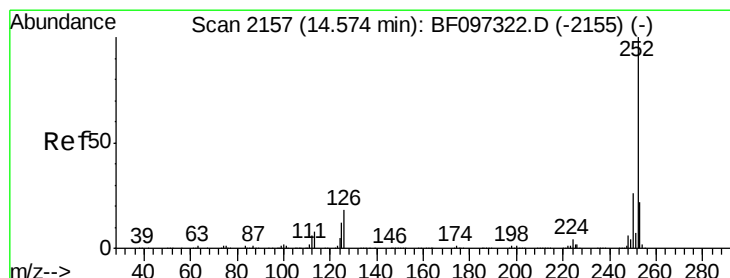
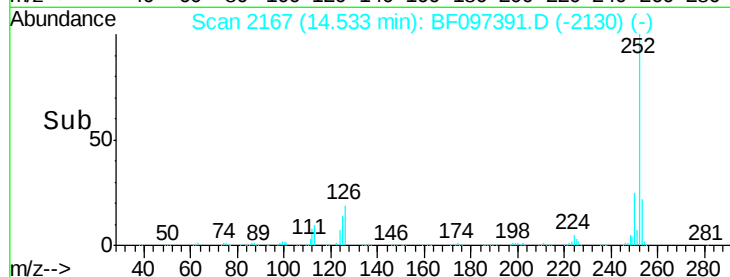
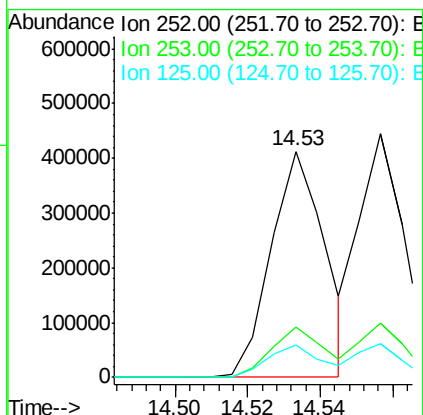
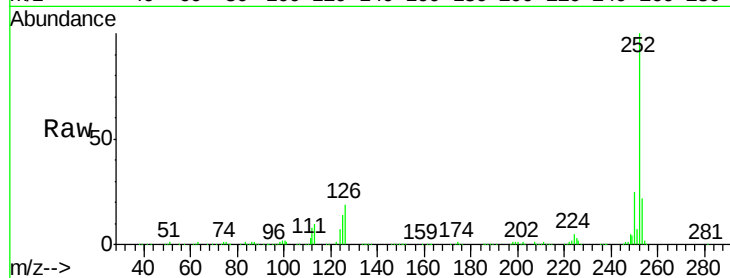




#87
Benzo(b)fluoranthene
Concen: 41.46 ng
RT: 14.53 min Scan# 2167
Delta R.T. -0.08 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

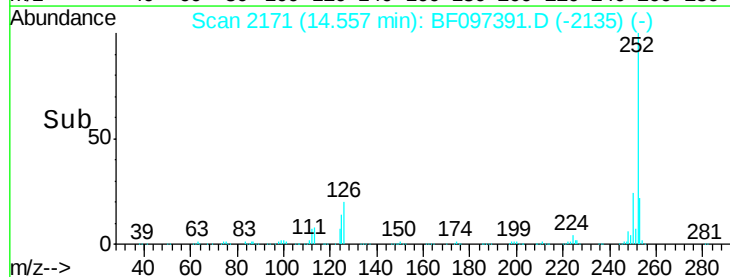
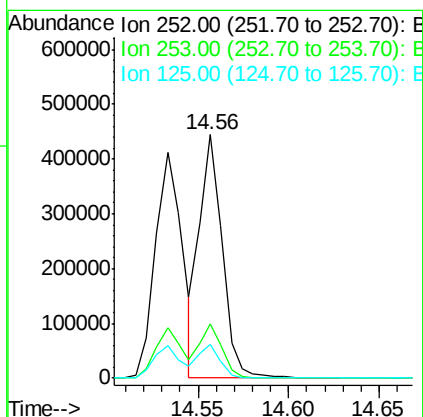
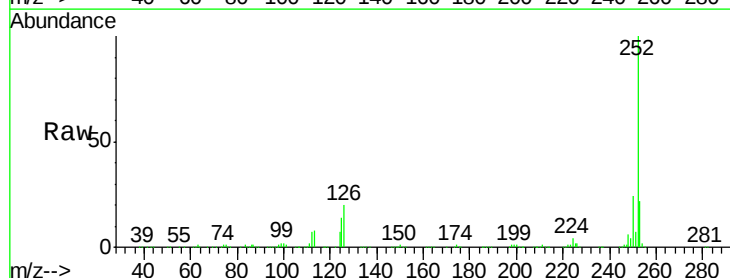
Instrument :
BNA_F
ClientSampleId :

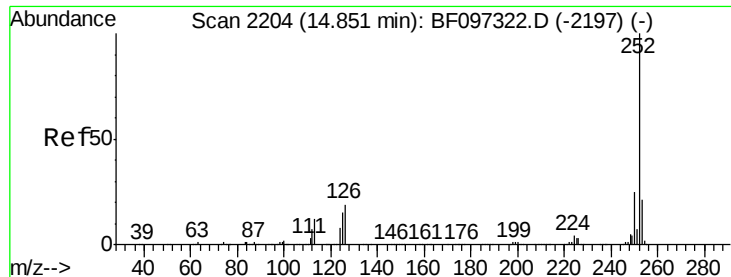
Tot Ion:252 Resp: 426201
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 14.4 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 39.81 ng
RT: 14.56 min Scan# 2171
Delta R.T. -0.09 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

Tgt Ion:252 Resp: 389941
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 13.8 13.1 19.7

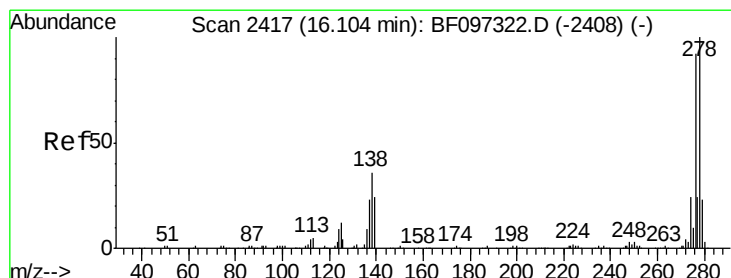
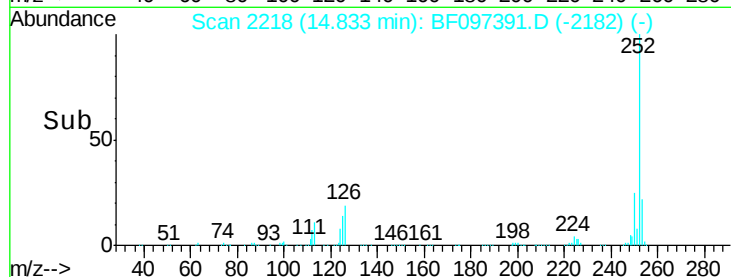
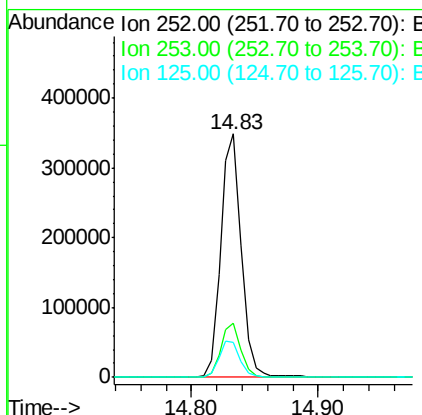
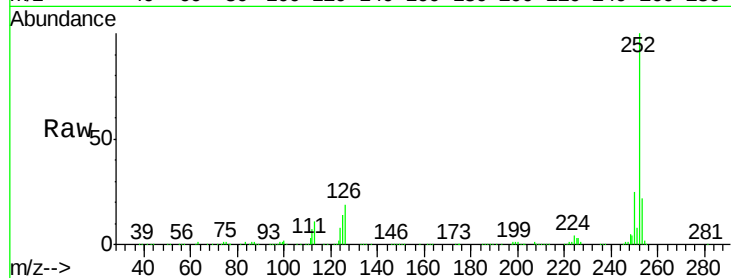




#89
Benzo(a)pyrene
Concen: 41.69 ng
RT: 14.83 min Scan# 2218
Delta R.T. -0.09 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

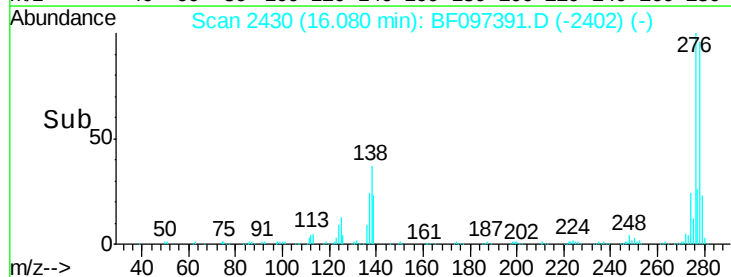
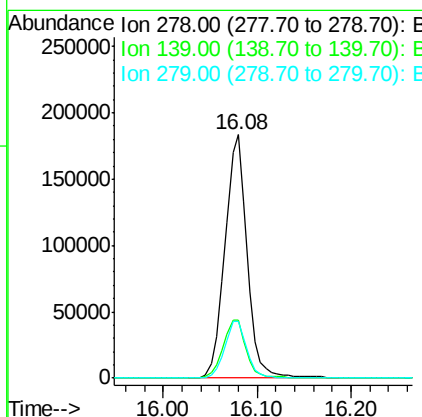
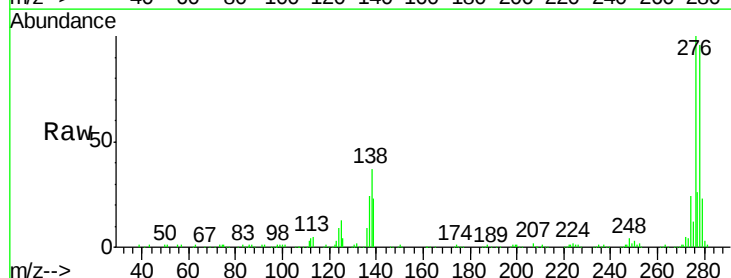
Instrument :
BNA_F
ClientSampleId :

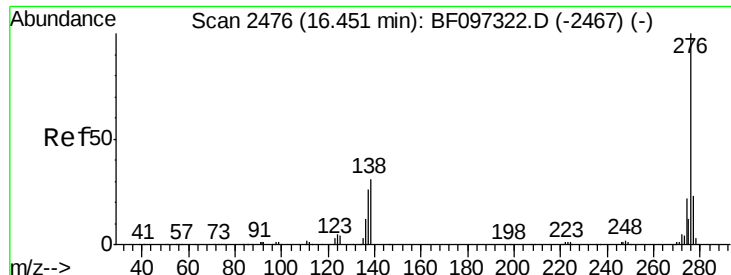
Tot Ion:252 Resp: 392180
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 14.5 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 39.05 ng
RT: 16.08 min Scan# 2430
Delta R.T. -0.14 min
Lab File: BF097391.D
Acq: 5 Aug 2017 12:25

Tgt Ion:278 Resp: 301218
Ion Ratio Lower Upper
278 100
139 23.7 16.6 24.8
279 23.5 19.3 28.9

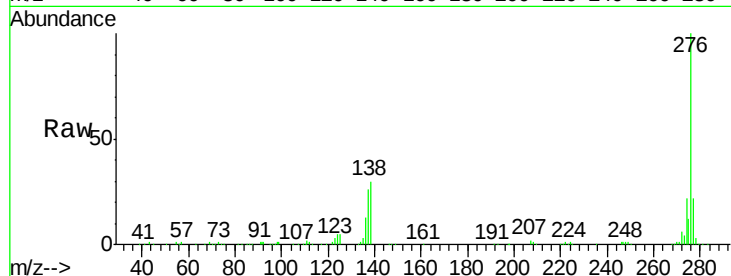




#91
 Benzo(a,h,i)perylene
 Concen: 40.42 ng
 RT: 16.43 min Scan# 2489
 Delta R.T. -0.14 min
 Lab File: BF097391.D
 Acq: 5 Aug 2017 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276	Resp:	326980
Ion	Ratio	Lower Upper
276	100	
277	21.9	18.6 28.0
138	30.1	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

