

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097378.D
 Acq On : 5 Aug 2017 2:12
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 05 03:24:47 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	6.44	152	98677	20.00	ng	-0.06
21) Naphthalene-d8	7.72	136	401800	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	167735	20.00	ng	-0.07
63) Phenanthrene-d10	10.93	188	253673	20.00	ng	-0.07
75) Chrysene-d12	13.56	240	161722	20.00	ng	-0.07
86) Perylene-d12	14.89	264	167126	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	571269	87.27	ng	-0.06
7) Phenol-d6	6.12	99	675681	90.42	ng	-0.05
23) Nitrobenzene-d5	7.02	82	572620	83.60	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	96473	72.80	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	823652	83.33	ng	-0.07
78) Terphenyl-d14	12.52	244	606270	76.43	ng	-0.07

Target Compounds						Qvalue
2) 1,4-Dioxane	1.91	88	111646	40.87	ng	# 73
3) Pyridine	2.52	79	331369	39.62	ng	# 60
4) n-Nitrosodimethylamine	2.48	42	192573	41.56	ng	81
6) Aniline	6.10	93	442382	47.04	ng	96
8) 2-Chlorophenol	6.23	128	312908	44.71	ng	93
9) Benzaldehyde	5.98	77	240210	54.31	ng	91
10) Phenol	6.13	94	411852	46.46	ng	95
11) bis(2-Chloroethyl)ether	6.19	93	308634	44.02	ng	88
12) 1,3-Dichlorobenzene	6.38	146	310522	41.17	ng	99
13) 1,4-Dichlorobenzene	6.46	146	314427	42.06	ng	96
14) 1,2-Dichlorobenzene	6.61	146	263401	40.36	ng	99
15) Benzyl Alcohol	6.60	79	206672	43.68	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.73	45	575725	40.94	ng	92
17) 2-Methylphenol	6.73	107	222940	41.27	ng	# 87
18) Hexachloroethane	6.95	117	92972	34.00	ng	# 81
19) n-Nitroso-di-n-propylamine	6.87	70	209666	42.63	ng	# 80
20) 3+4-Methylphenols	6.89	107	321399	45.55	ng	# 61
22) Acetophenone	6.86	105	398169	41.26	ng	# 98
24) Nitrobenzene	7.03	77	308419	43.24	ng	97
25) Isophorone	7.27	82	516075	38.47	ng	98
26) 2-Nitrophenol	7.35	139	142861	37.02	ng	# 88
27) 2,4-Dimethylphenol	7.41	122	250016	39.27	ng	98
28) bis(2-Chloroethoxy)methane	7.49	93	353933	40.43	ng	99
29) 2,4-Dichlorophenol	7.61	162	233253	42.53	ng	98
30) 1,2,4-Trichlorobenzene	7.67	180	209826	40.14	ng	97
31) Naphthalene	7.75	128	779325	41.15	ng	100
32) Benzoic acid	7.57	122	107728	22.66	ng	99
33) 4-Chloroaniline	7.81	127	338037	43.86	ng	97
34) Hexachlorobutadiene	7.87	225	109194	39.40	ng	97
35) Caprolactam	8.19	113	74605	42.42	ng	# 53
36) 4-Chloro-3-methylphenol	8.32	107	250496	41.87	ng	87
37) 2-Methylnaphthalene	8.43	142	484154	40.37	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.60	216	197380	44.10	ng	99
40) Hexachlorocyclopentadiene	8.59	237	5209	9.65	ng	93

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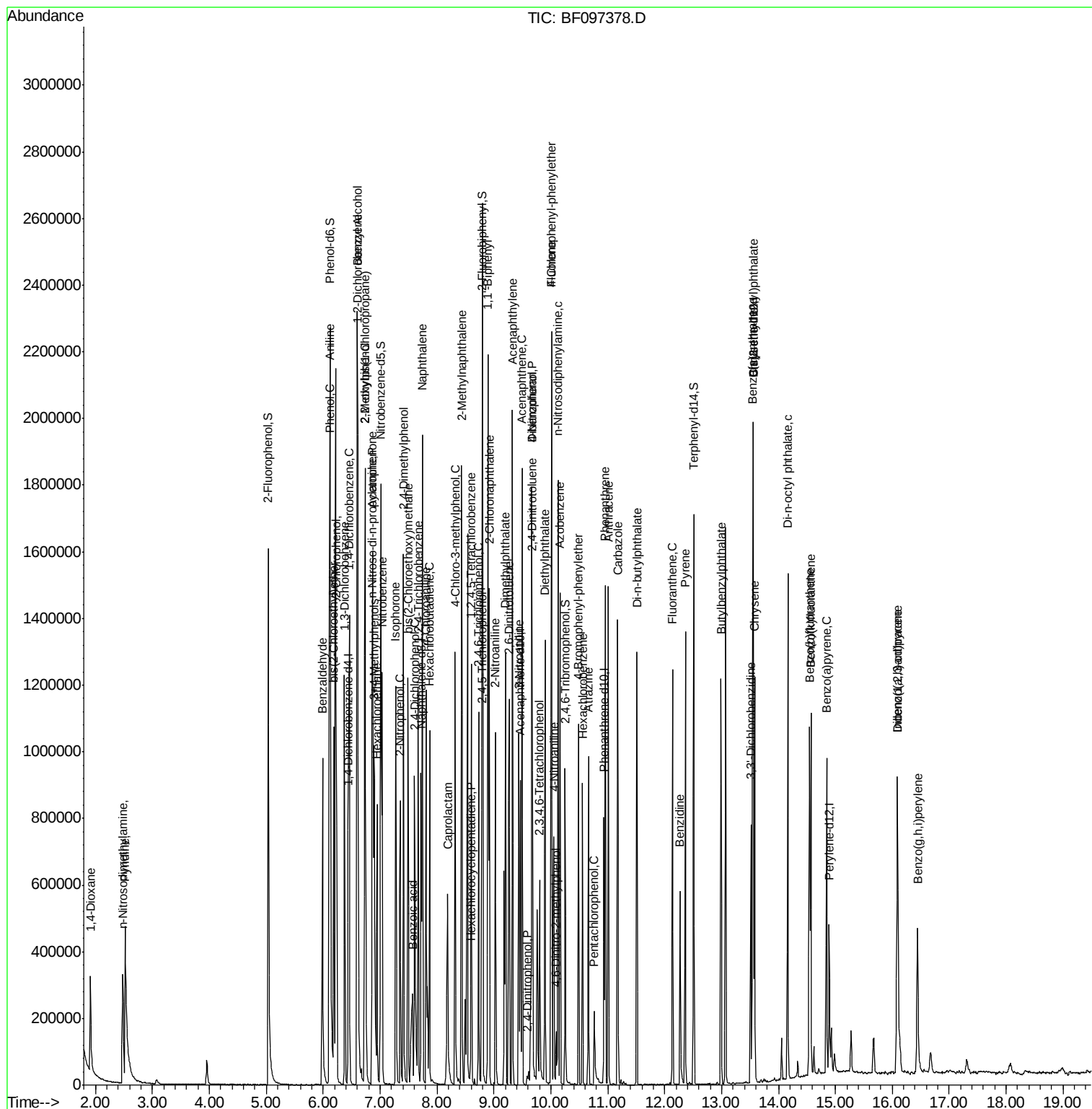
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.73	196	133697	41.22	nq	98
43) 2,4,5-Trichlorophenol	8.78	196	124398	38.32	nq	98
45) 1,1'-Biphenyl	8.90	154	600280	41.90	nq	98
46) 2-Chloronaphthalene	8.92	162	435900	41.35	nq	95
47) 2-Nitroaniline	9.03	65	168826	44.12	nq	97
48) Acenaphthylene	9.33	152	661085	40.85	nq	98
49) Dimethylphthalate	9.20	163	564918	44.35	nq	100
50) 2,6-Dinitrotoluene	9.27	165	114268	42.30	nq	# 67
51) Acenaphthene	9.50	154	388058	40.71	nq	99
52) 3-Nitroaniline	9.44	138	142223	42.41	nq	96
53) 2,4-Dinitrophenol	9.58	184	7294	5.94	nq	# 66
54) Dibenzofuran	9.67	168	541158	42.62	nq	97
55) 4-Nitrophenol	9.67	139	296857	148.86	nq	# 33
56) 2,4-Dinitrotoluene	9.68	165	134904	43.44	nq	# 81
57) Fluorene	10.01	166	415113	43.50	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.80	232	80323	35.84	nq	98
59) Diethylphthalate	9.90	149	518657	44.38	nq	98
60) 4-Chlorophenyl-phenylether	10.00	204	174601	44.31	nq	99
61) 4-Nitroaniline	10.05	138	129762	40.73	nq	93
62) Azobenzene	10.16	77	488264	45.04	nq	92
64) 4,6-Dinitro-2-methylphenol	10.09	198	19047	12.08	nq	90
65) n-Nitrosodiphenylamine	10.13	169	409205	46.36	nq	99
66) 4-Bromophenyl-phenylether	10.49	248	106586	42.10	nq	94
67) Hexachlorobenzene	10.56	284	114841	40.45	nq	# 86
68) Atrazine	10.66	200	96343	38.07	nq	93
69) Pentachlorophenol	10.76	266	31669	26.96	nq	97
70) Phenanthrene	10.96	178	559751	41.18	nq	99
71) Anthracene	11.01	178	556700	39.99	nq	99
72) Carbazole	11.17	167	538719	39.35	nq	99
73) Di-n-butylphthalate	11.52	149	706843	41.77	nq	98
74) Fluoranthene	12.14	202	500983	37.62	nq	99
76) Benzidine	12.27	184	247989	41.33	nq	# 94
77) Pyrene	12.36	202	523756	39.56	nq	99
79) Butylbenzylphthalate	12.99	149	267863	39.77	nq	# 80
80) Benzo(a)anthracene	13.54	228	407997	38.99	nq	100
81) 3,3'-Dichlorobenzidine	13.52	252	167066	42.34	nq	# 96
82) Chrysene	13.58	228	413819	40.50	nq	99
83) Bis(2-ethylhexyl)phthalate	13.56	149	328530	37.36	nq	99
84) Di-n-octyl phthalate	14.16	149	669305	41.48	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.09	276	344788	39.35	nq	97
87) Benzo(b)fluoranthene	14.54	252	429103	42.71	nq	96
88) Benzo(k)fluoranthene	14.57	252	359662	37.57	nq	95
89) Benzo(a)pyrene	14.84	252	376812	40.98	nq	98
90) Dibenzo(a,h)anthracene	16.10	278	289855	38.44	nq	98
91) Benzo(g,h,i)perylene	16.44	276	283491	35.85	nq	98

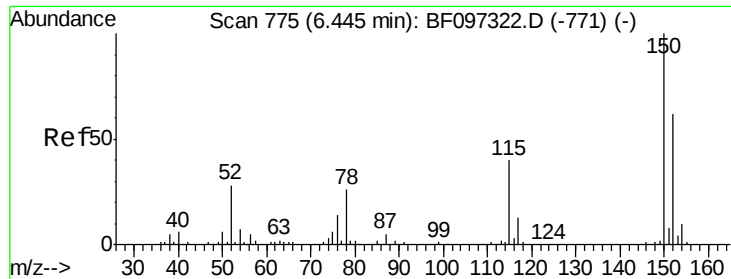
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : SSTCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.44 min Scan# 791

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

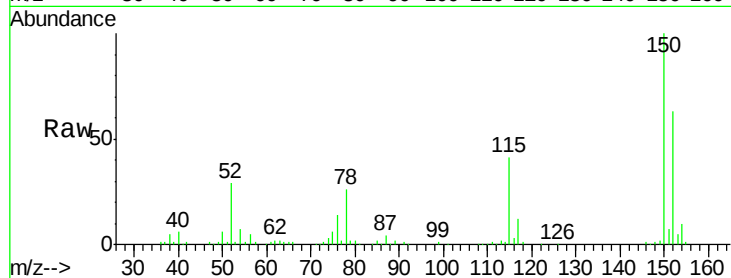
Tot Ion:152 Resp: 98677

Ion Ratio Lower Upper

152 100

150 159.8 126.2 189.2

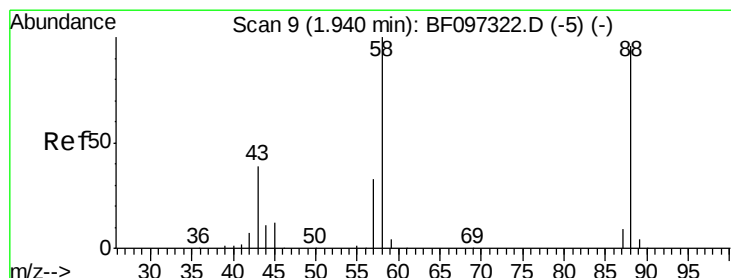
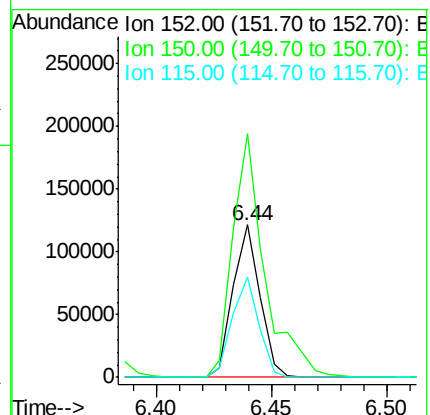
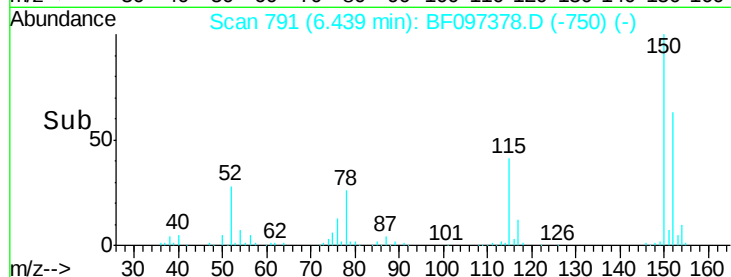
115 65.9 52.2 78.2



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: 40.87 ng

RT: 1.91 min Scan# 21

Delta R.T. -0.14 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

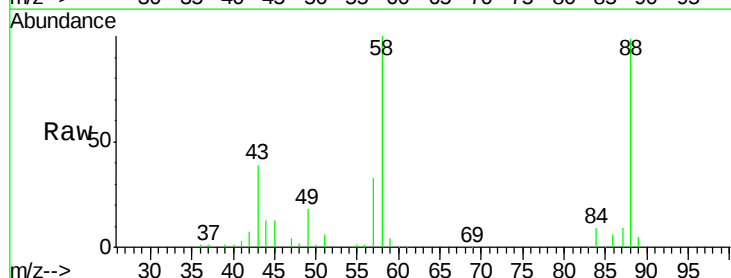
Tgt Ion: 88 Resp: 111646

Ion Ratio Lower Upper

88 100

58 101.3 61.4 92.0#

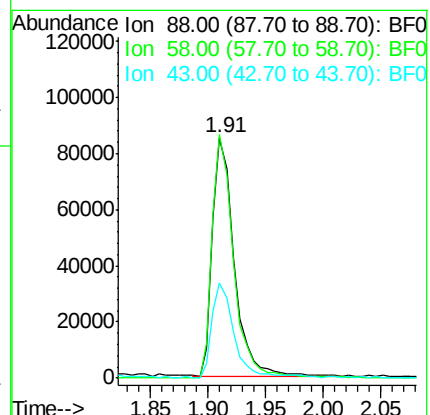
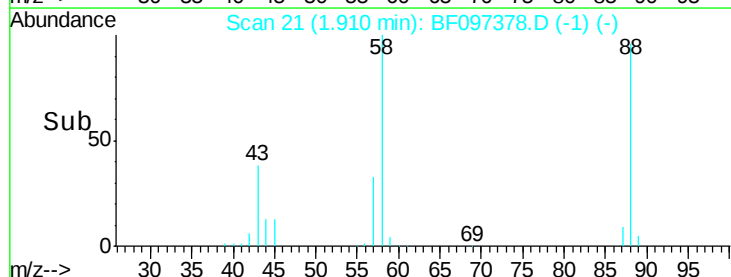
43 40.6 23.4 35.0#

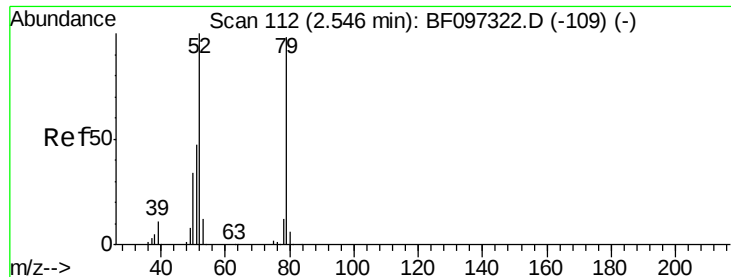


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.62 ng

RT: 2.52 min Scan# 124

Delta R.T. -0.15 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

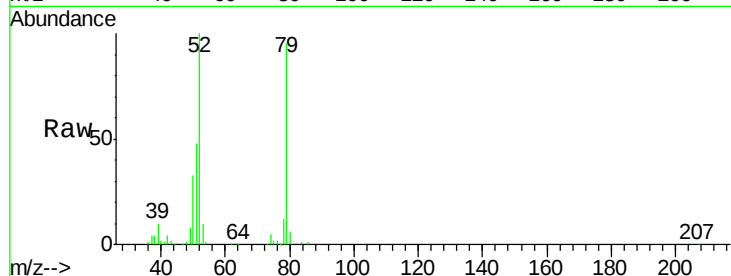
Tot Ion: 79 Resp: 331369

Ion Ratio Lower Upper

79 100

52 105.0 54.8 82.2#

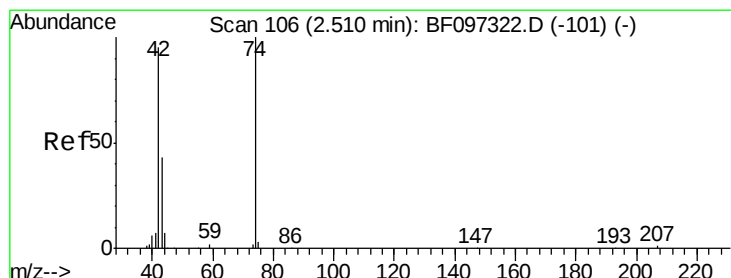
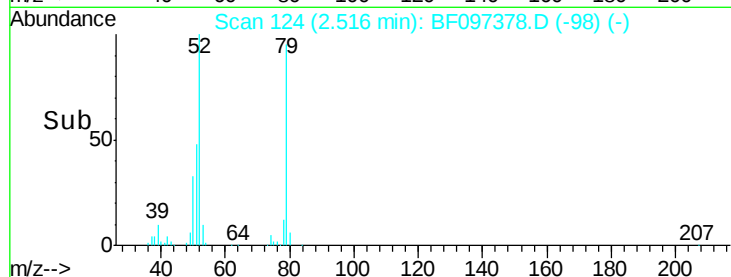
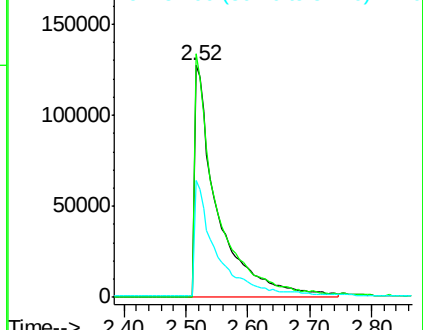
51 50.6 27.0 40.4#



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: 41.56 ng

RT: 2.48 min Scan# 118

Delta R.T. -0.14 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

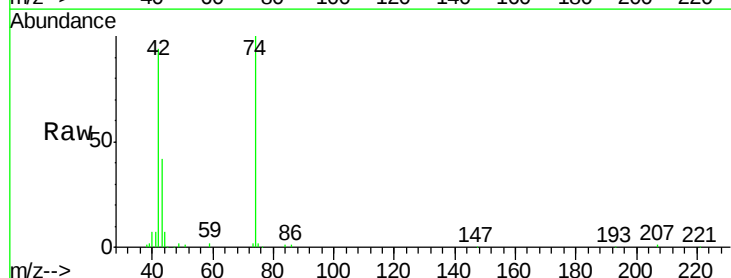
Tgt Ion: 42 Resp: 192573

Ion Ratio Lower Upper

42 100

74 106.2 103.9 155.9

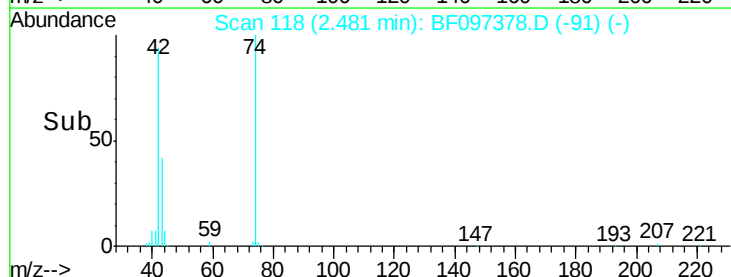
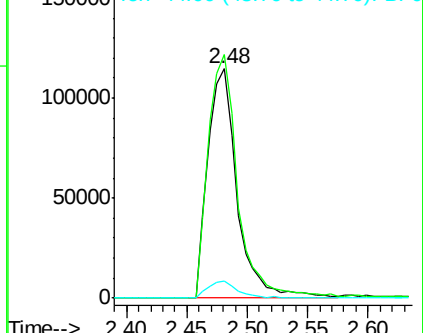
44 7.5 5.7 8.5

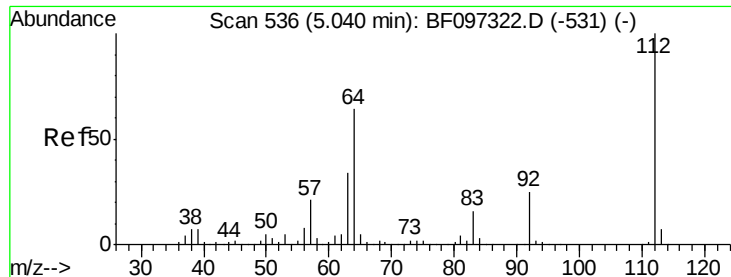


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 87.27 ng

RT: 5.03 min Scan# 552

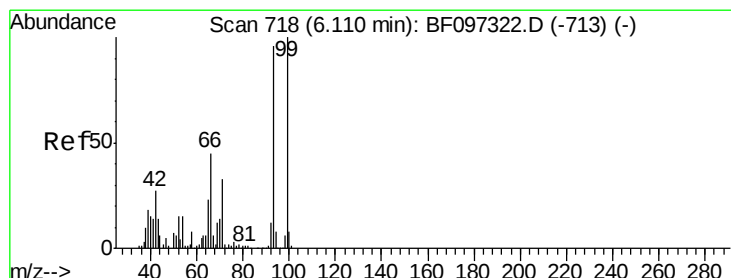
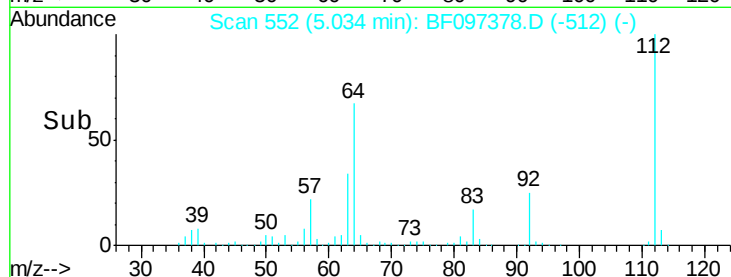
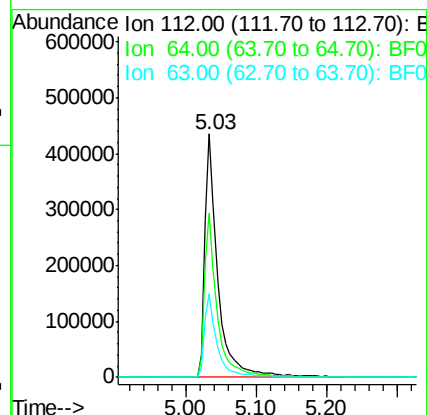
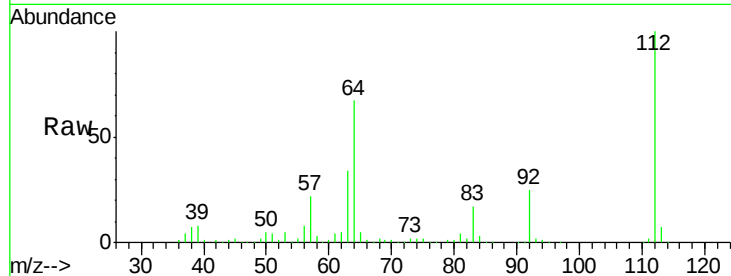
Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	571269
Ion	Ratio	Lower	Upper
112	100		
64	67.4	46.0	69.0
63	34.1	23.4	35.0



#6

Aniline

Concen: 47.04 ng

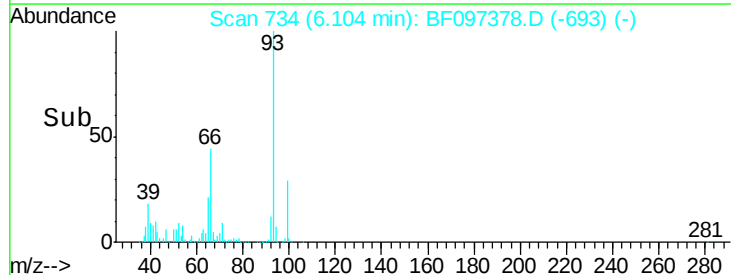
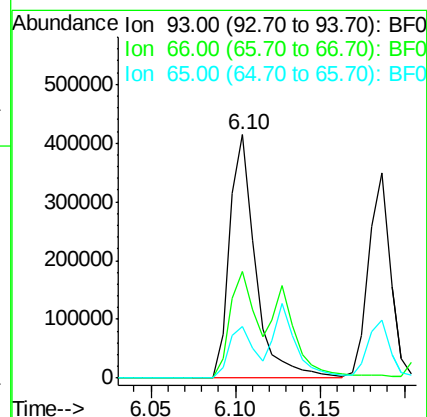
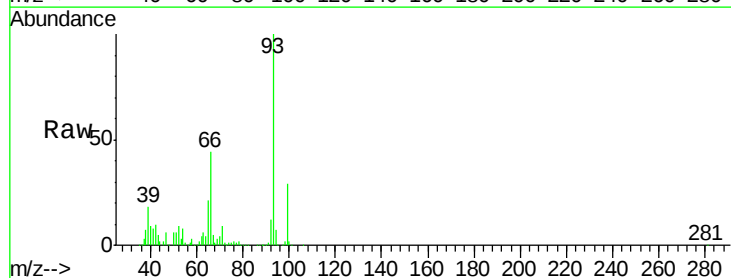
RT: 6.10 min Scan# 734

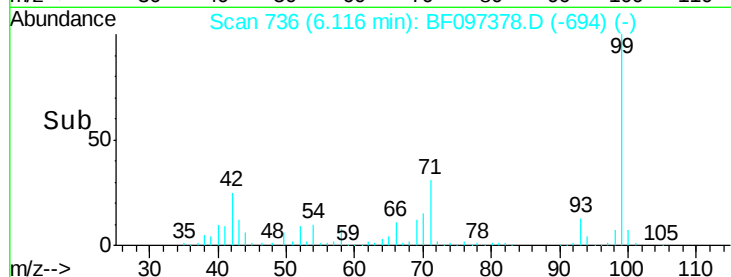
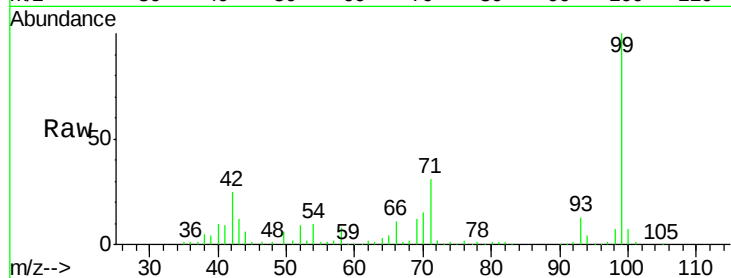
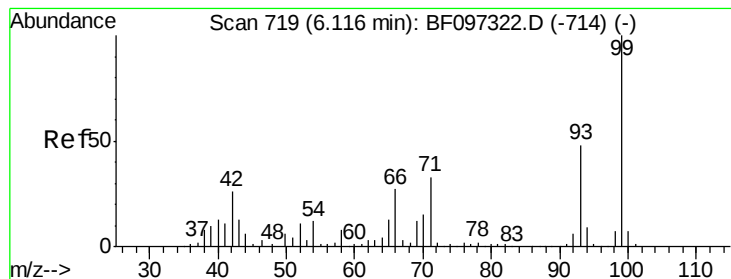
Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Tgt Ion:	93	Resp:	442382
Ion	Ratio	Lower	Upper
93	100		
66	43.6	32.9	49.3
65	21.3	16.0	24.0





#7

Phenol-d6

Concen: 90.42 ng

RT: 6.12 min Scan# 736

Delta R.T. -0.05 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampled :

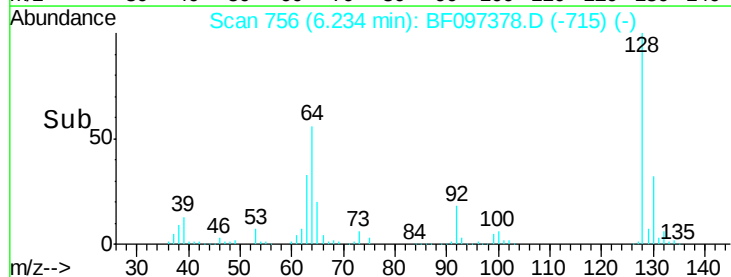
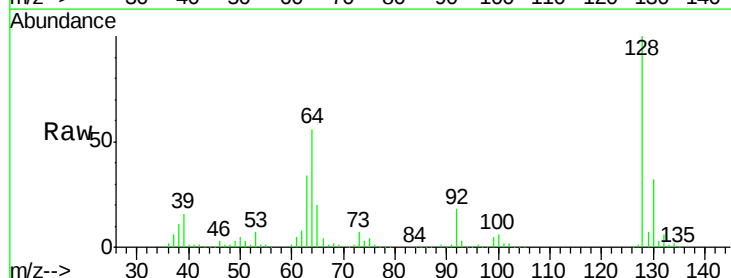
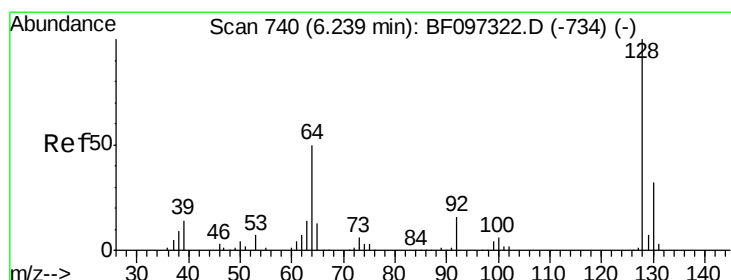
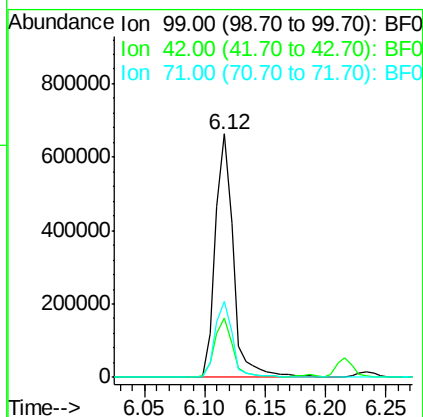
Tot Ion: 99 Resp: 675681

Ion Ratio Lower Upper

99 100

42 24.6 13.5 20.3#

71 31.4 24.5 36.7



#8

2-Chlorophenol

Concen: 44.71 ng

RT: 6.23 min Scan# 756

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

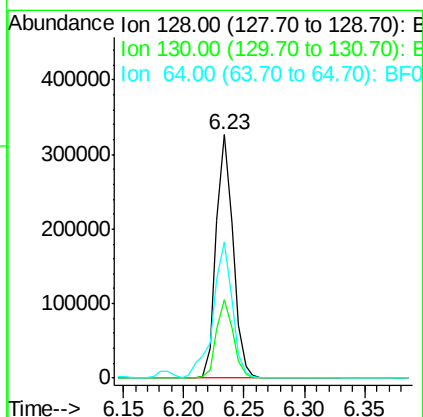
Tgt Ion: 128 Resp: 312908

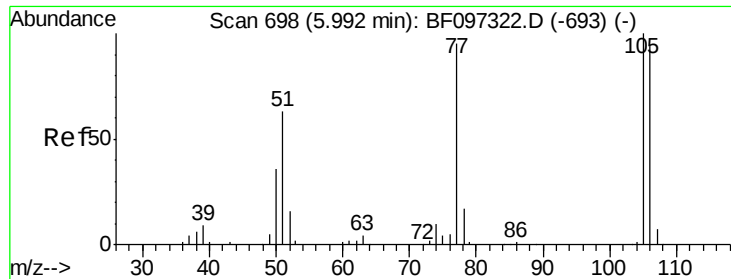
Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

64 56.2 28.4 68.4

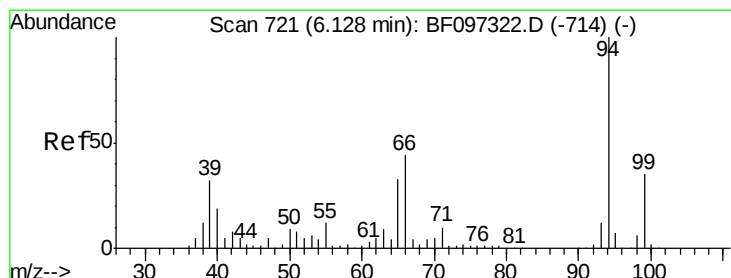
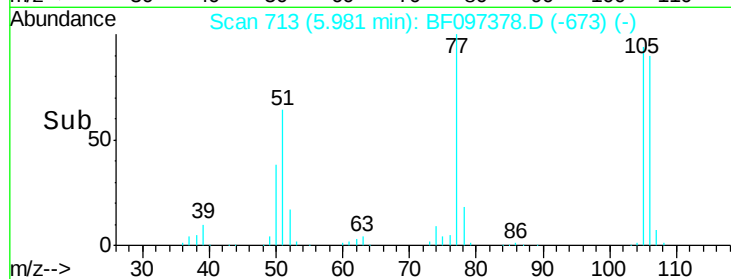
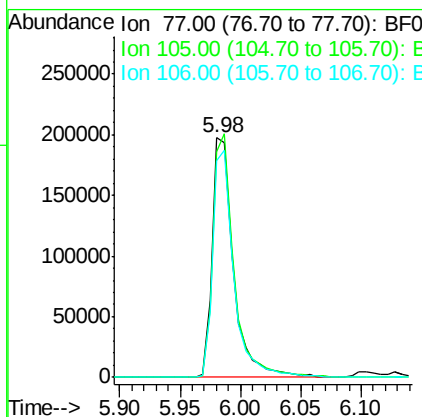
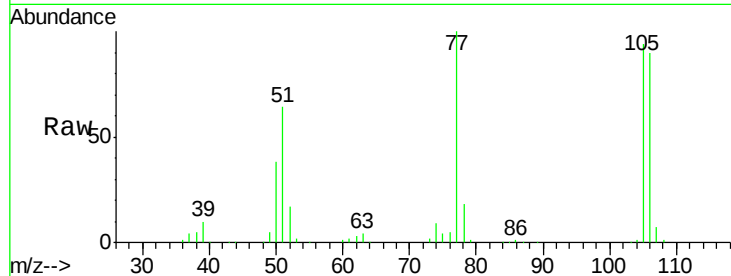




#9
Benzaldehyde
Concen: 54.31 ng
RT: 5.98 min Scan# 713
Delta R.T. -0.06 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

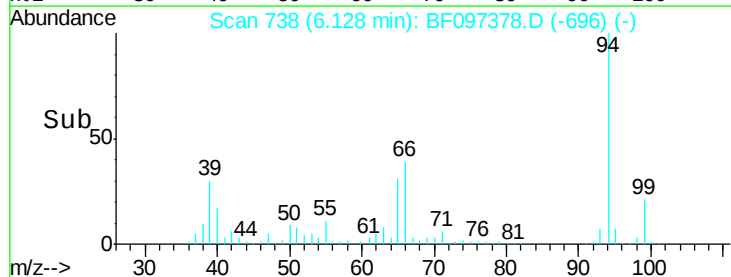
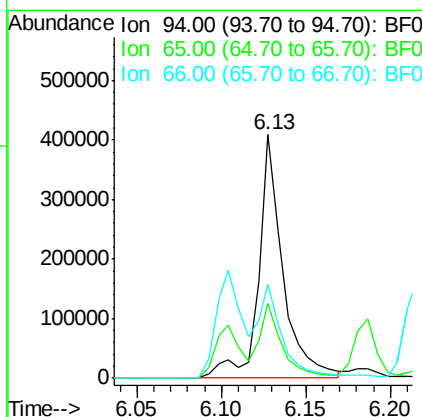
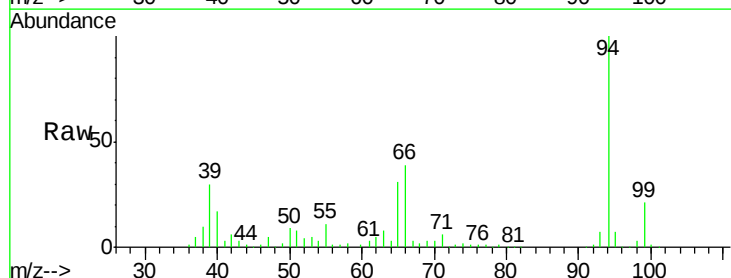
Instrument :
BNA_F
ClientSampleId :

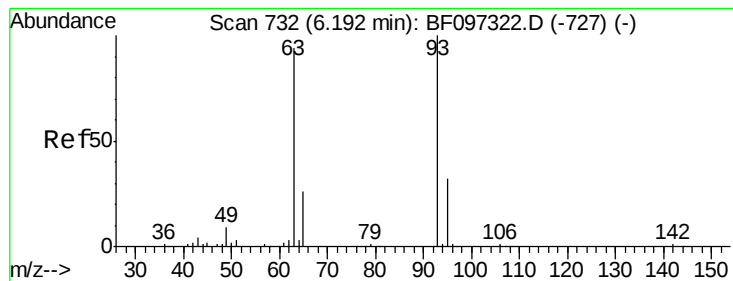
Tot Ion: 77 Resp: 240210
Ion Ratio Lower Upper
77 100
105 94.3 83.8 123.8
106 90.3 79.1 119.1



#10
Phenol
Concen: 46.46 ng
RT: 6.13 min Scan# 738
Delta R.T. -0.05 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion: 94 Resp: 411852
Ion Ratio Lower Upper
94 100
65 30.8 9.9 49.9
66 38.6 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 44.02 ng

RT: 6.19 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

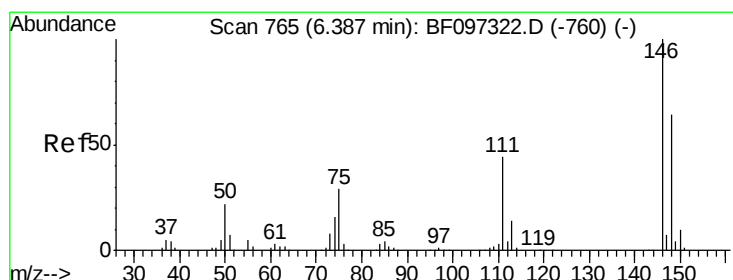
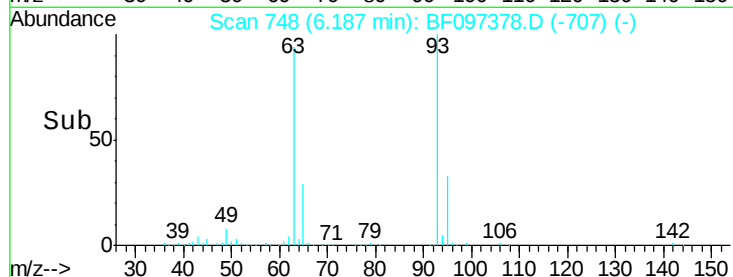
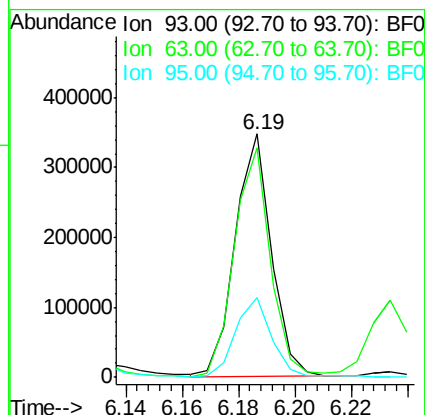
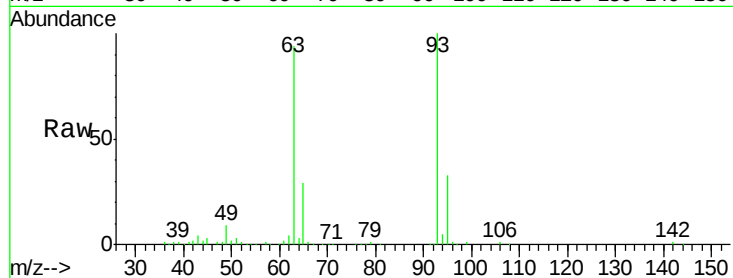
Tot Ion: 93 Resp: 308634

Ion Ratio Lower Upper

93 100

63 94.1 59.2 99.2

95 32.6 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.17 ng

RT: 6.38 min Scan# 781

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

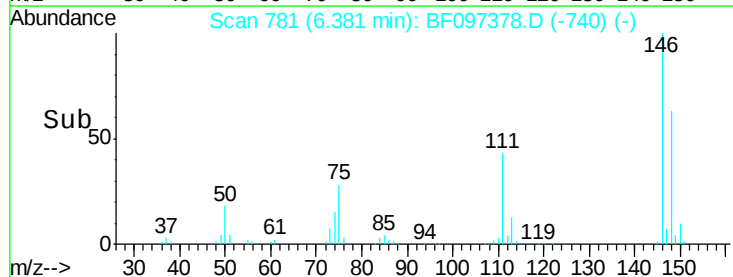
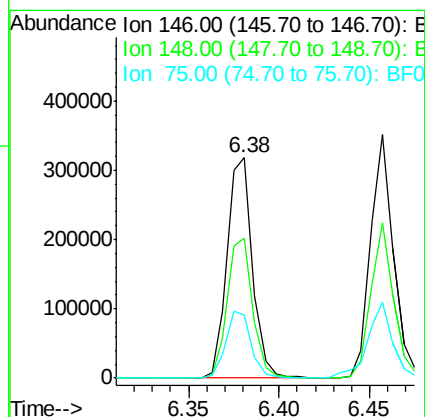
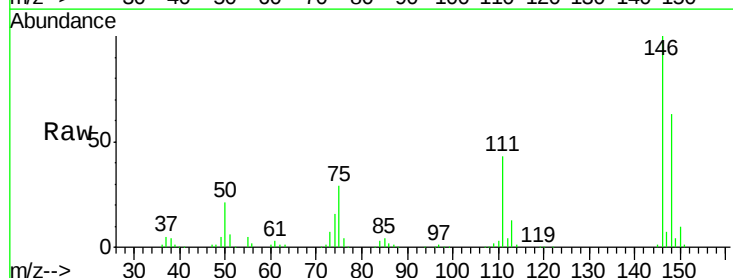
Tgt Ion: 146 Resp: 310522

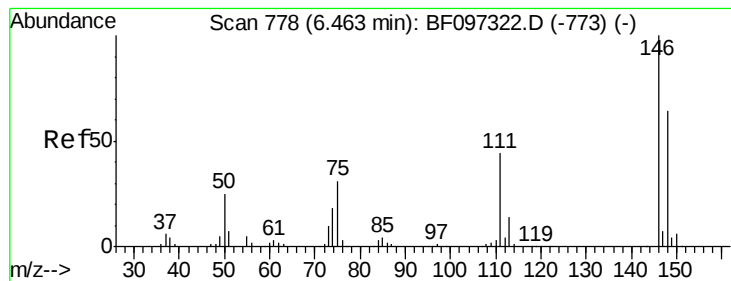
Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.6

75 28.8 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 42.06 ng

RT: 6.46 min Scan# 794

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampled :

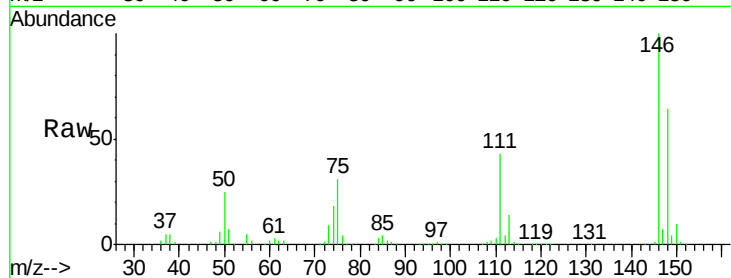
Tot Ion:146 Resp: 314427

Ion Ratio Lower Upper

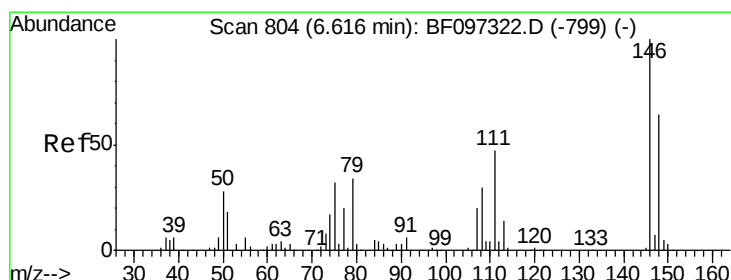
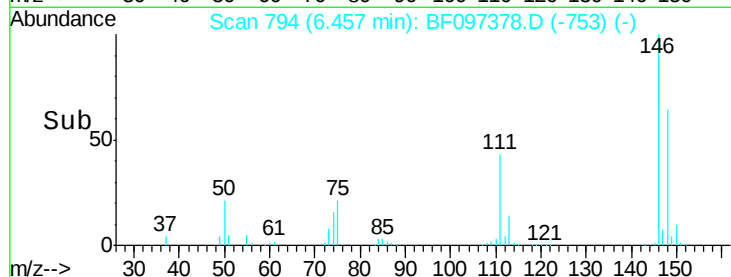
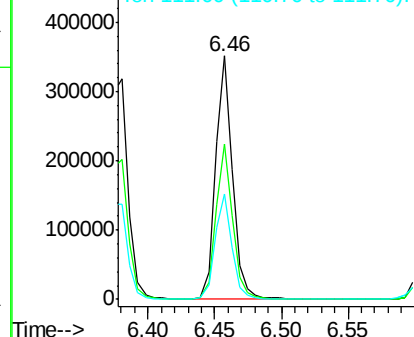
146 100

148 64.0 52.2 78.2

111 43.3 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 40.36 ng

RT: 6.61 min Scan# 820

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

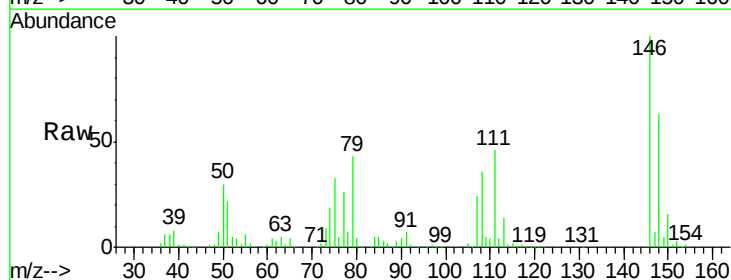
Tgt Ion:146 Resp: 263401

Ion Ratio Lower Upper

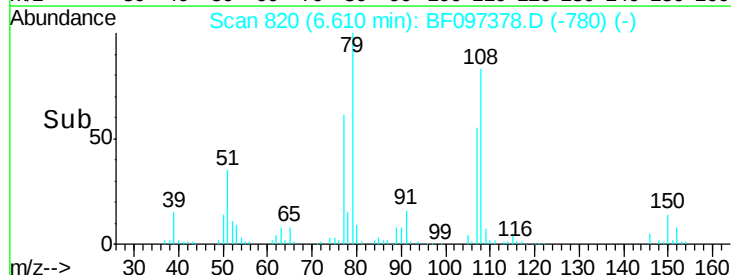
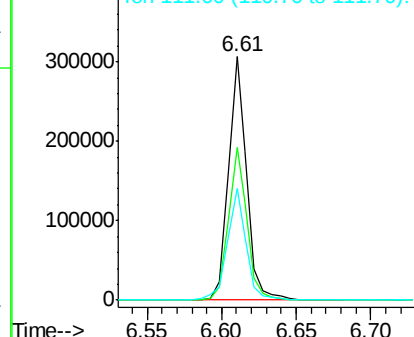
146 100

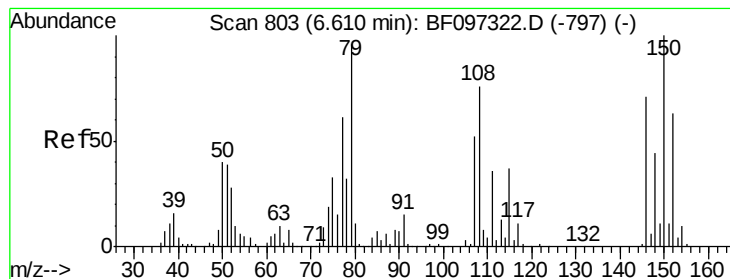
148 62.9 50.4 75.6

111 46.1 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 43.68 ng

RT: 6.60 min Scan# 819

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

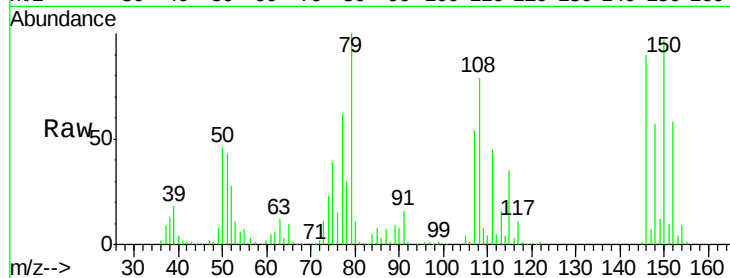
Tot Ion: 79 Resp: 206672

Ion Ratio Lower Upper

79 100

108 78.8 63.4 95.0

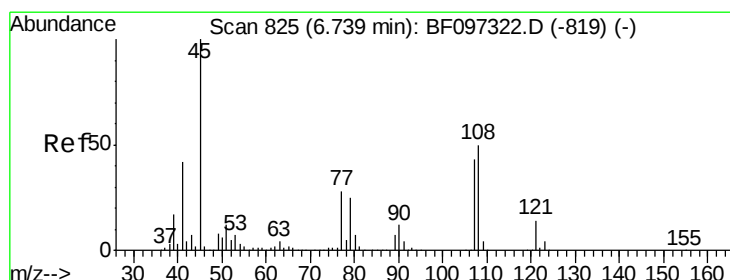
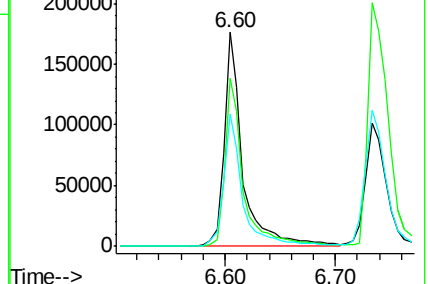
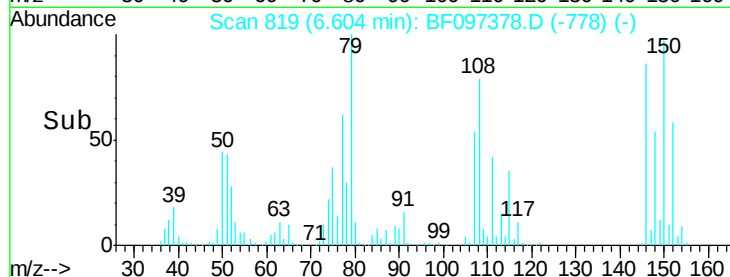
77 61.7 49.2 73.8



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: 40.94 ng

RT: 6.73 min Scan# 840

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

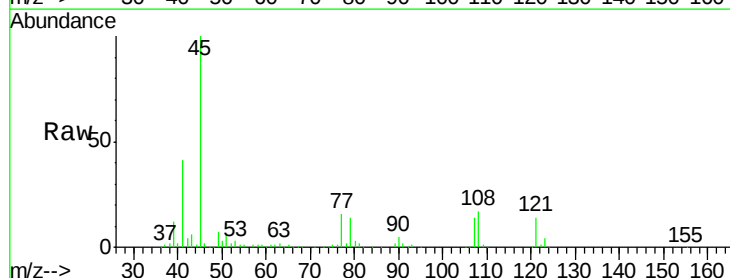
Tgt Ion: 45 Resp: 575725

Ion Ratio Lower Upper

45 100

77 15.9 0.0 33.2

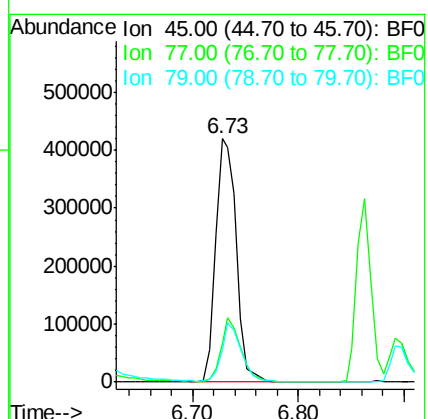
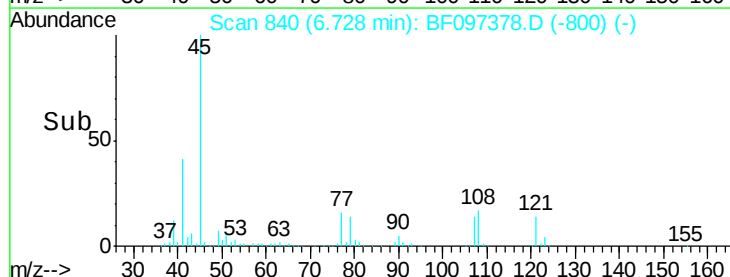
79 13.6 0.0 30.0

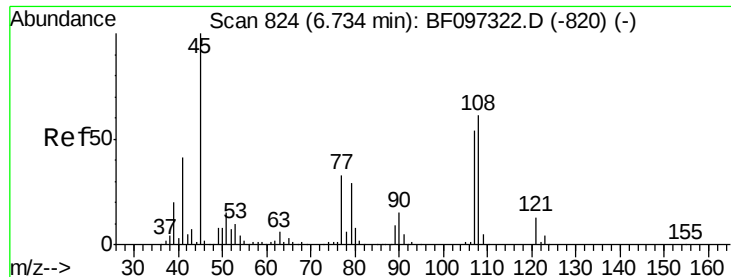


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

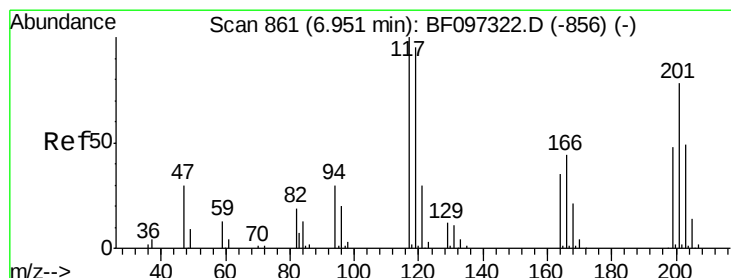
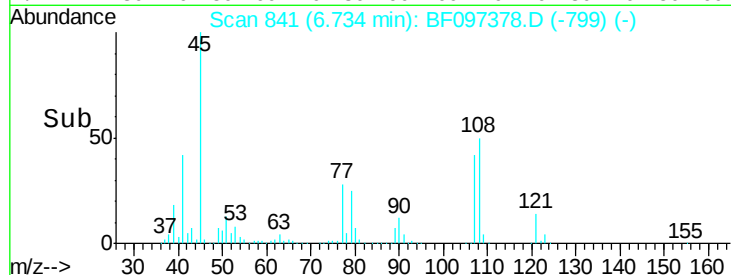
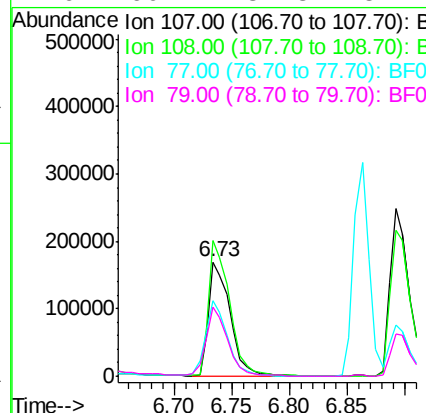
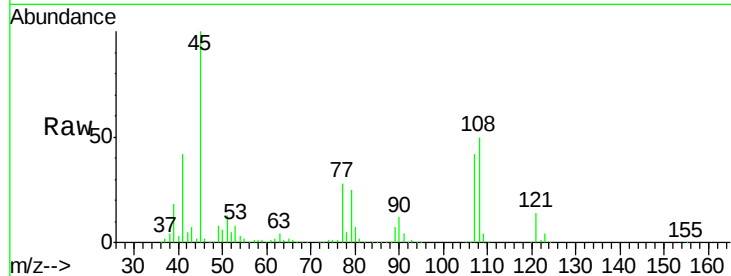




#17
2-Methylphenol
Concen: 41.27 ng
RT: 6.73 min Scan# 841
Delta R.T. -0.05 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

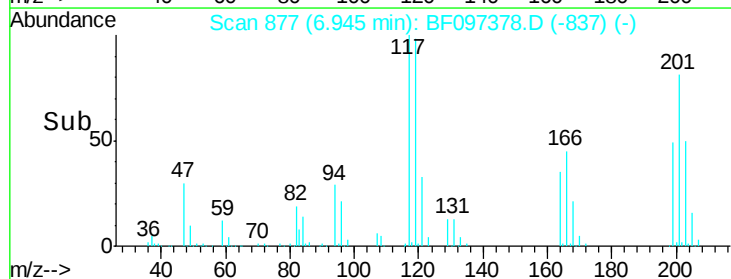
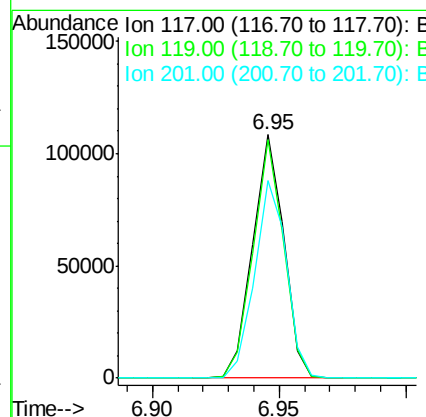
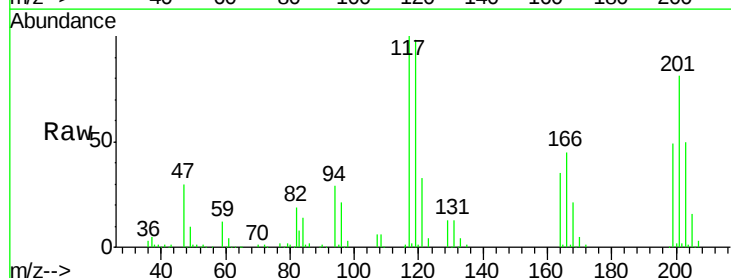
Instrument :
BNA_F
ClientSampleId :

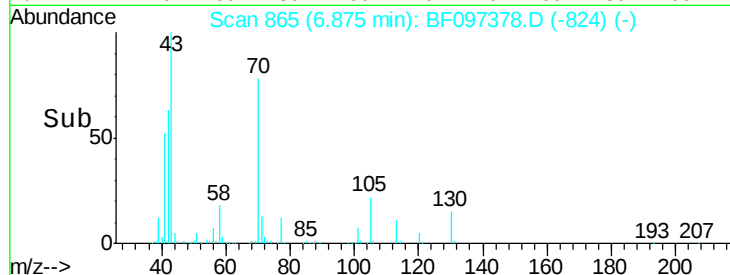
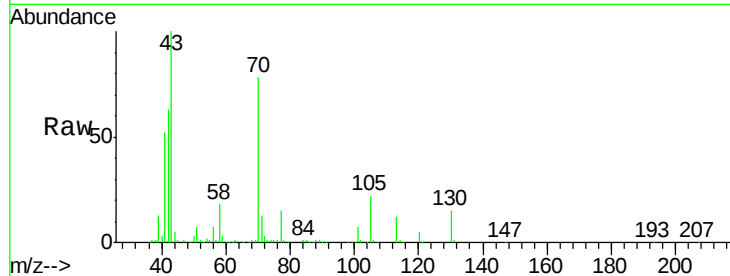
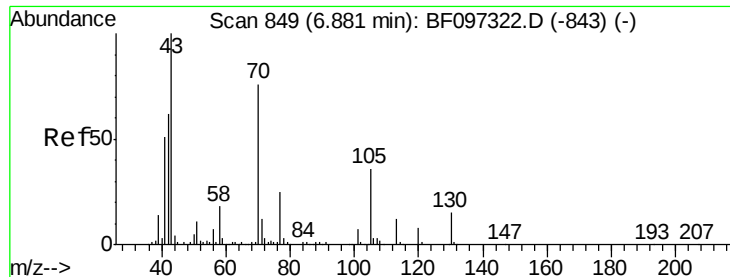
Tot Ion	Ratio	Lower	Upper
107	100		
108	118.0	93.4	140.0
77	65.9	35.8	53.6#
79	60.1	34.8	52.2#



#18
Hexachloroethane
Concen: 34.00 ng
RT: 6.95 min Scan# 877
Delta R.T. -0.06 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.4	116.0
201	81.0	94.6	141.8#

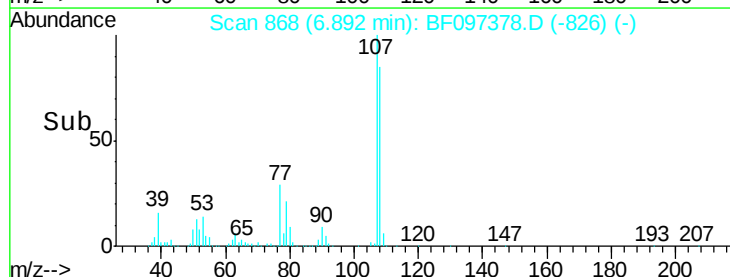
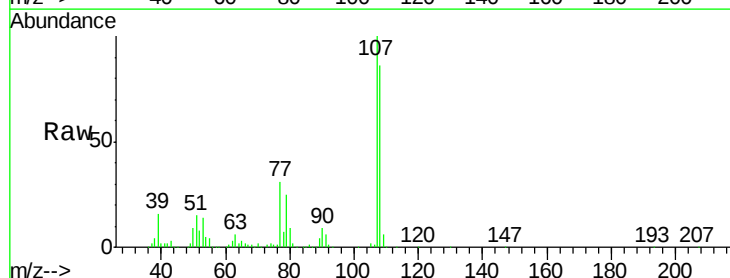
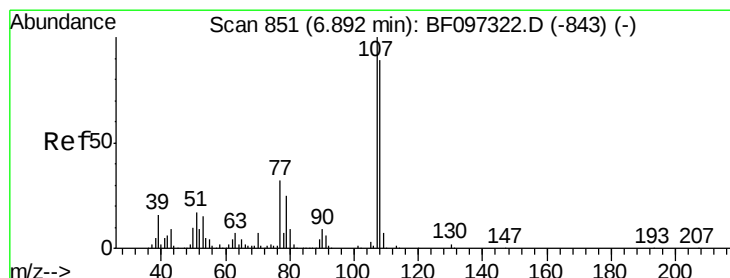
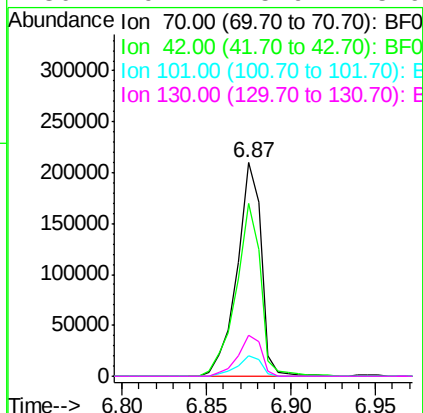




#19
n-Nitroso-di-n-propylamine
Concen: 42.63 ng
RT: 6.87 min Scan# 865
Delta R.T. -0.06 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

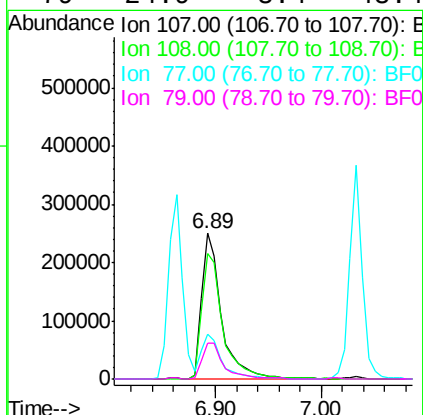
Instrument :
BNA_F
ClientSampleId :

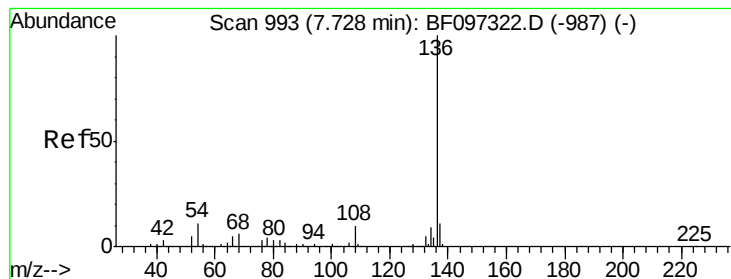
Tot Ion:	70	Resp:	209666
Ion	Ratio	Lower	Upper
70	100		
42	81.1	47.2	70.8#
101	9.4	7.2	10.8
130	19.1	15.9	23.9



#20
3+4-Methylphenols
Concen: 45.55 ng
RT: 6.89 min Scan# 868
Delta R.T. -0.05 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion:	107	Resp:	321399
Ion	Ratio	Lower	Upper
107	100		
108	86.4	71.0	111.0
77	30.5	90.5	130.5#
79	24.9	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.72 min Scan# 1009

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 401800

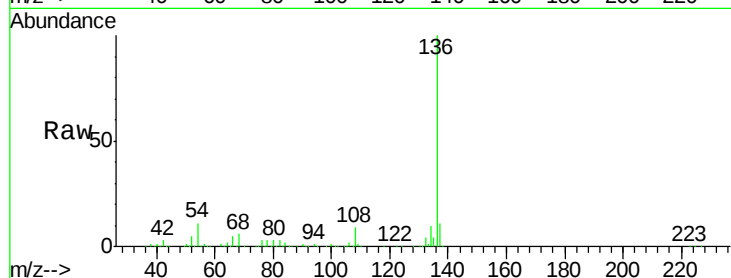
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 11.3 4.9 7.3#

68 5.5 4.1 6.1

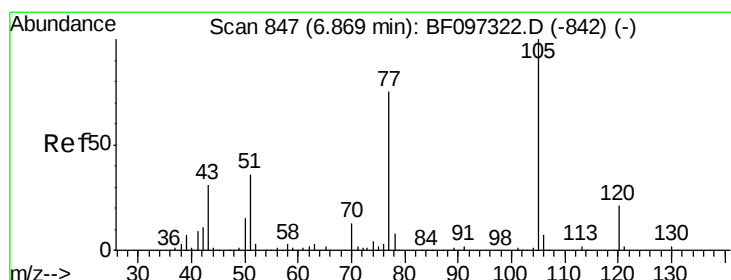
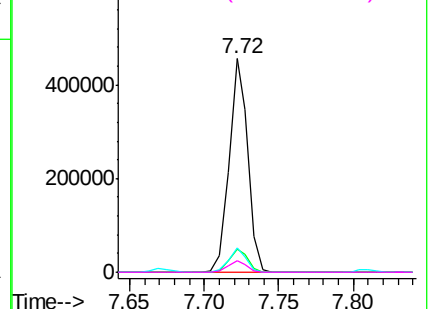
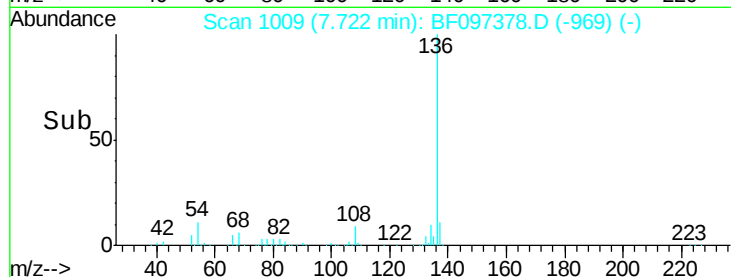


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.26 ng

RT: 6.86 min Scan# 863

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Tgt Ion:105 Resp: 398169

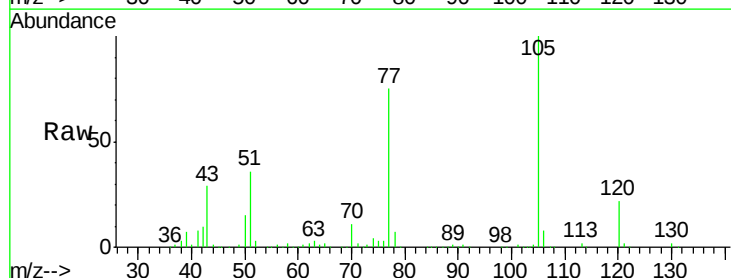
Ion Ratio Lower Upper

105 100

71 1.8 2.8 4.2#

51 36.3 30.7 46.1

120 21.6 17.4 26.0

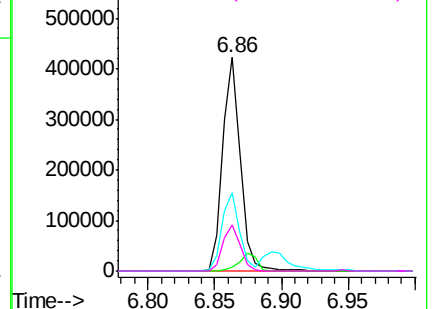
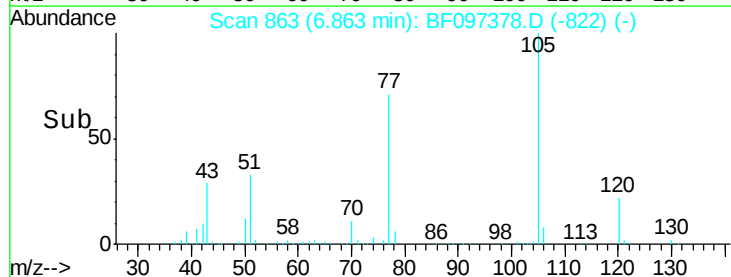


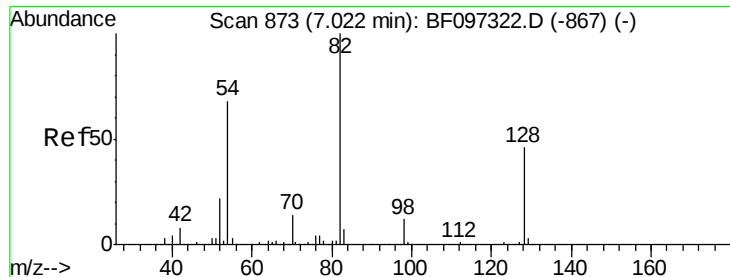
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

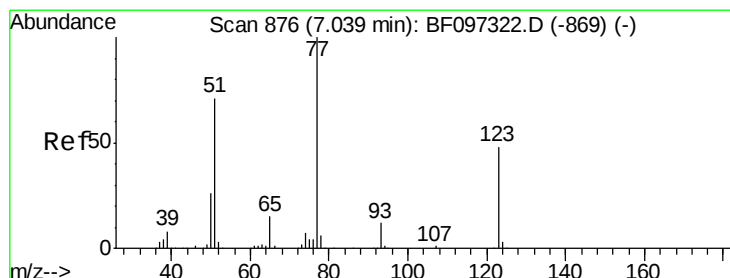
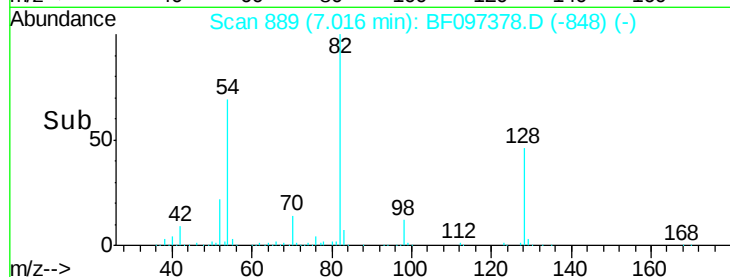
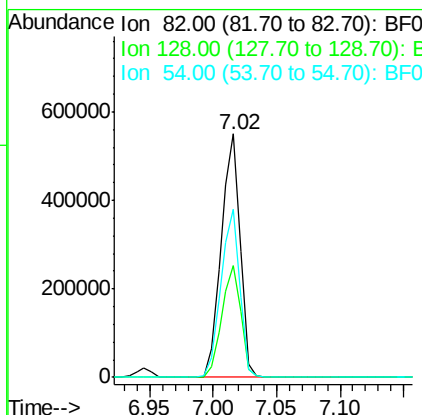
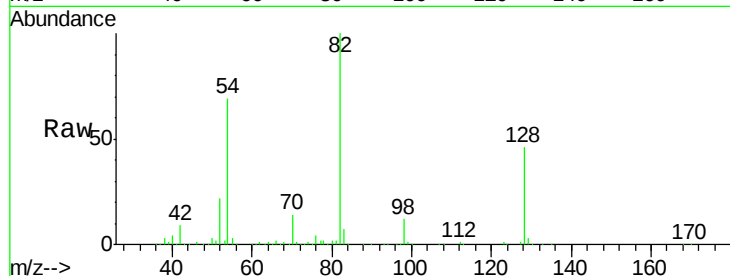




#23
 Nitrobenzene-d5
 Concen: 83.60 ng
 RT: 7.02 min Scan# 889
 Delta R.T. -0.06 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

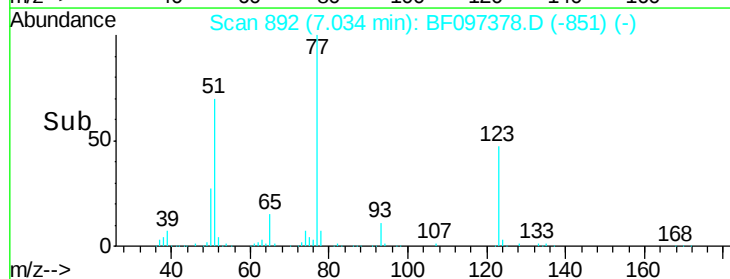
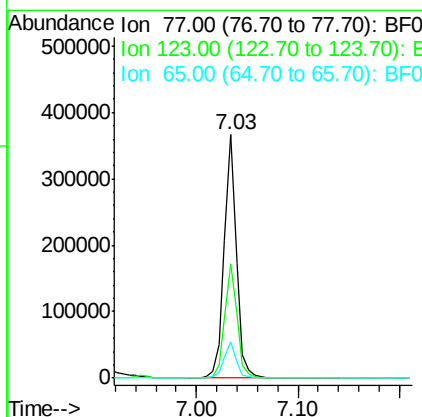
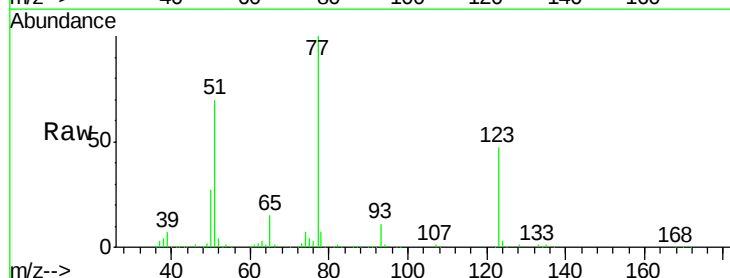
Instrument :
 BNA_F
 ClientSampleId :

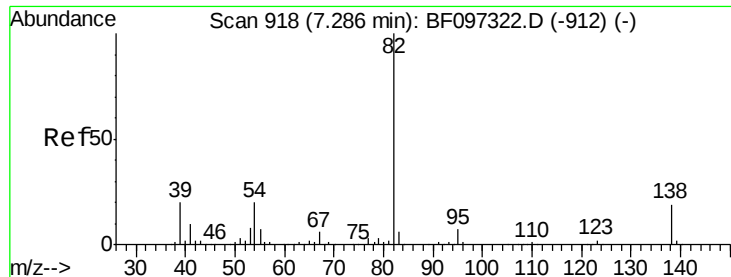
Tot Ion: 82 Resp: 572620
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.0 51.0
 54 68.9 42.2 63.2#



#24
 Nitrobenzene
 Concen: 43.24 ng
 RT: 7.03 min Scan# 892
 Delta R.T. -0.06 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Tgt Ion: 77 Resp: 308419
 Ion Ratio Lower Upper
 77 100
 123 46.8 35.8 53.8
 65 15.1 10.6 15.8

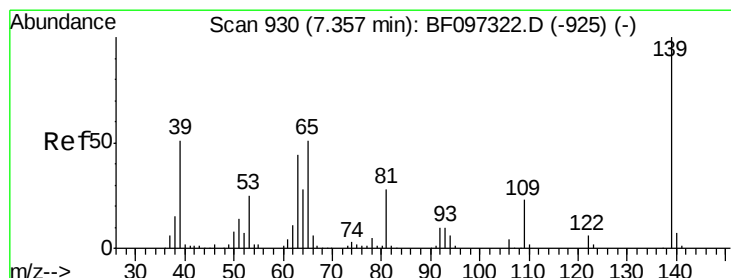
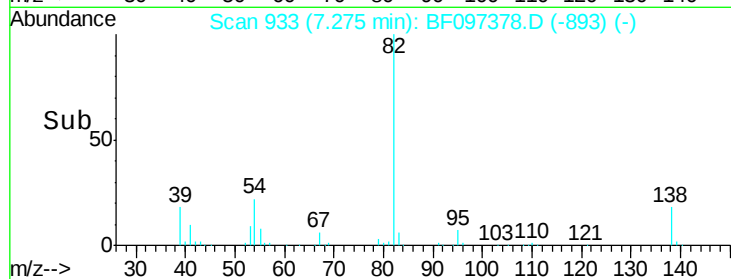
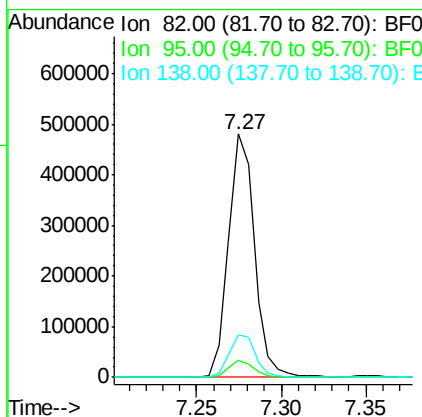
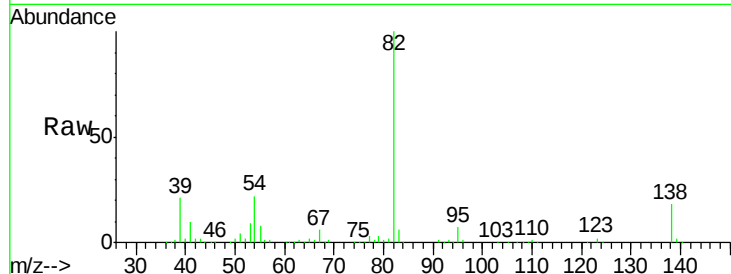




#25
Isophorone
Concen: 38.47 ng
RT: 7.27 min Scan# 933
Delta R.T. -0.06 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

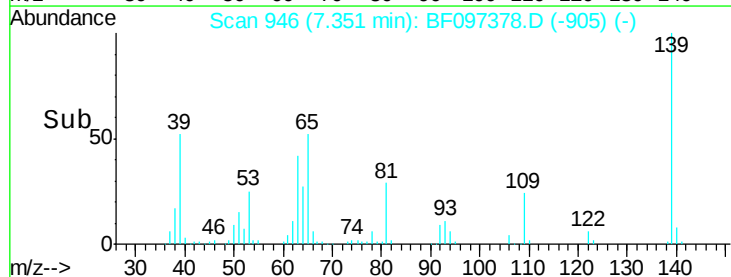
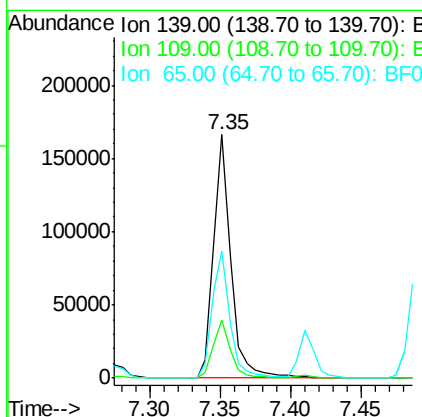
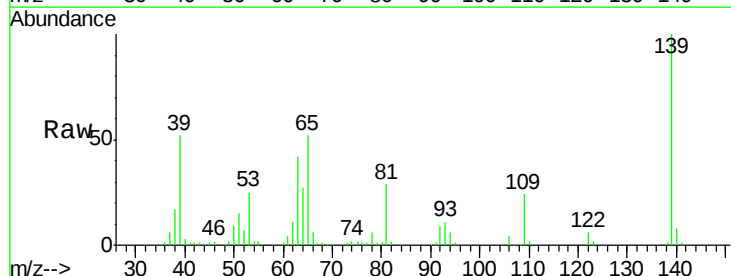
Instrument :
BNA_F
ClientSampleId :

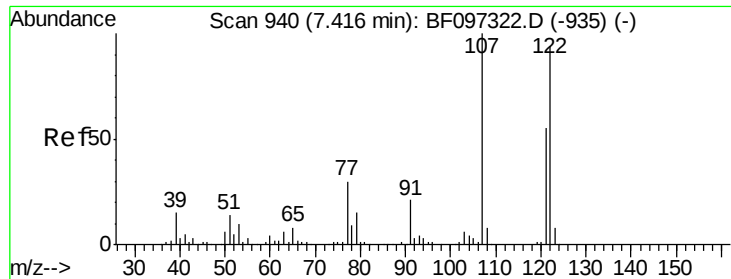
Tot Ion: 82 Resp: 516075
Ion Ratio Lower Upper
82 100
95 6.9 5.3 7.9
138 17.6 13.1 19.7



#26
2-Nitrophenol
Concen: 37.02 ng
RT: 7.35 min Scan# 946
Delta R.T. -0.06 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion: 139 Resp: 142861
Ion Ratio Lower Upper
139 100
109 23.9 21.0 31.6
65 52.1 33.0 49.6#

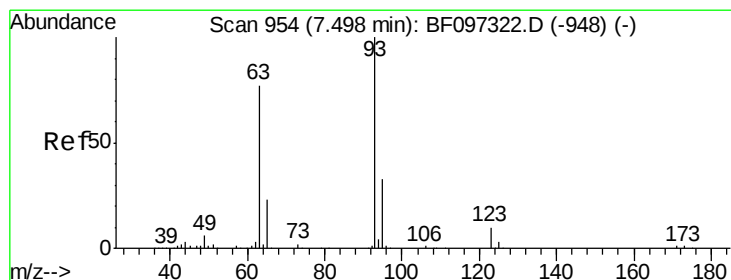
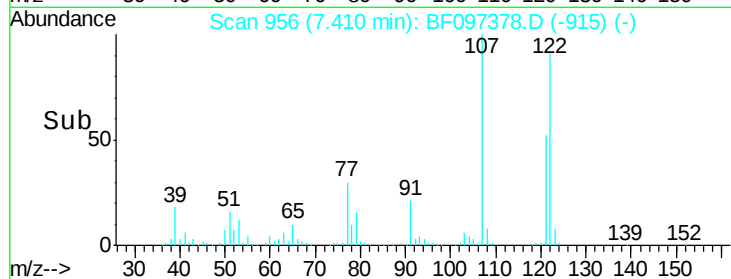
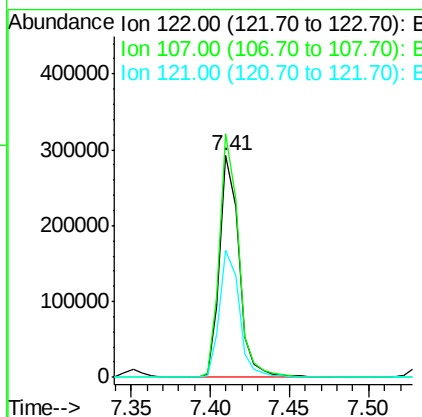
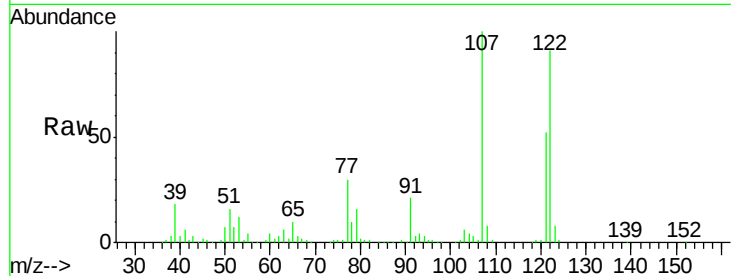




#27
 2,4-Dimethylphenol
 Concen: 39.27 ng
 RT: 7.41 min Scan# 956
 Delta R.T. -0.06 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

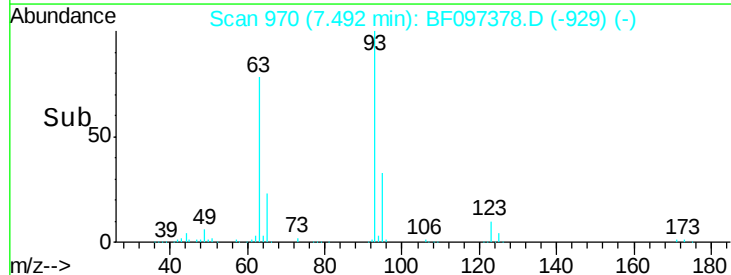
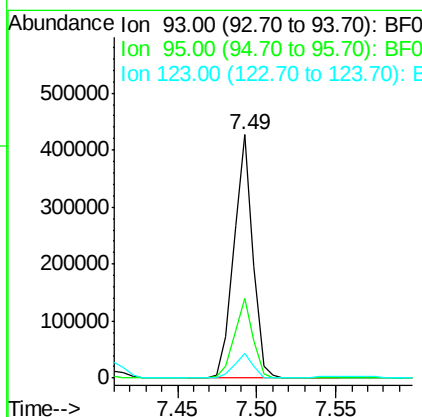
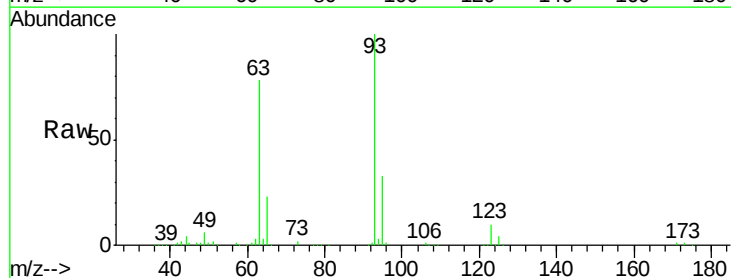
Instrument :
 BNA_F
 ClientSampled :

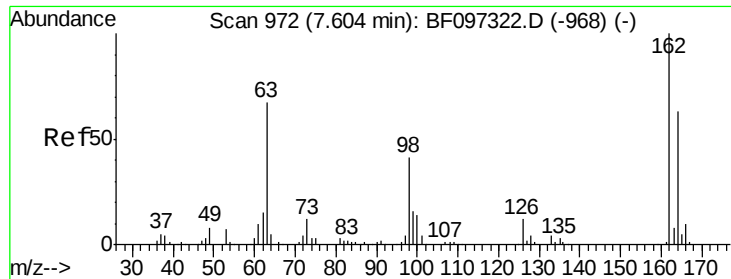
Tot Ion:122 Resp: 250016
 Ion Ratio Lower Upper
 122 100
 107 109.8 89.2 133.8
 121 57.6 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.43 ng
 RT: 7.49 min Scan# 970
 Delta R.T. -0.06 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Tgt Ion: 93 Resp: 353933
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 10.3 9.0 13.4

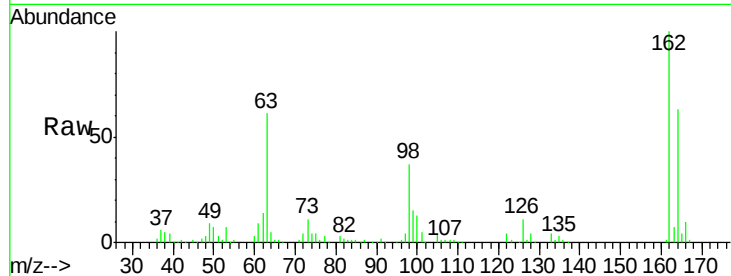




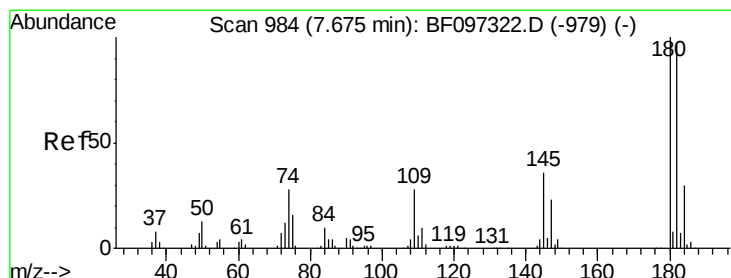
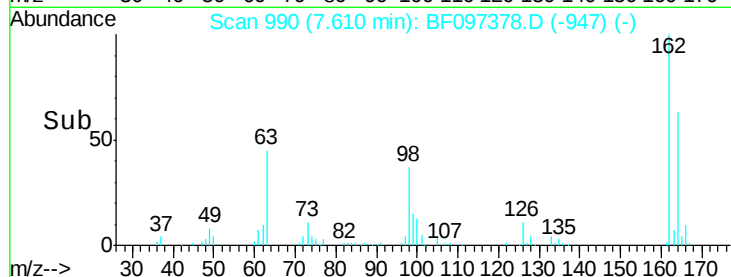
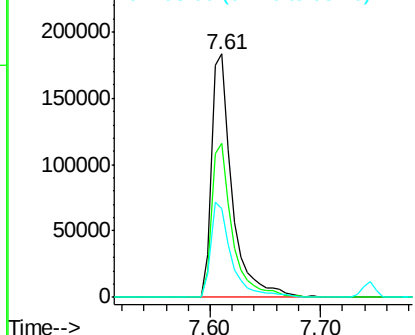
#29
 2,4-Dichlorophenol
 Concen: 42.53 ng
 RT: 7.61 min Scan# 990
 Delta R.T. -0.05 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	36.7	14.8	54.8

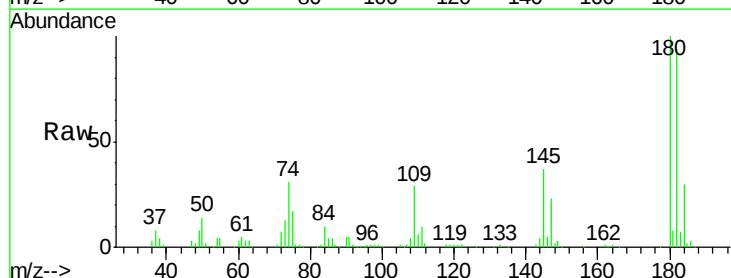


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

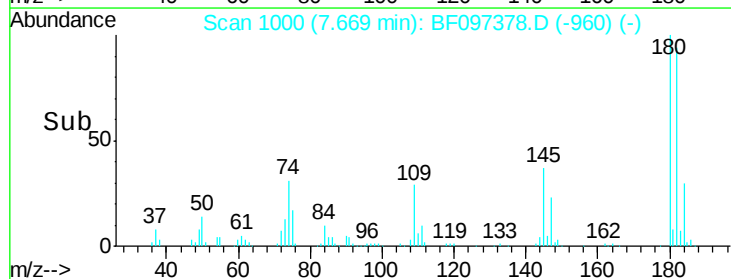
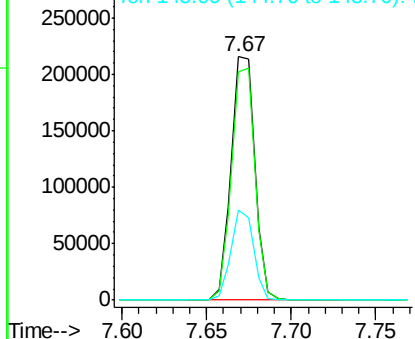


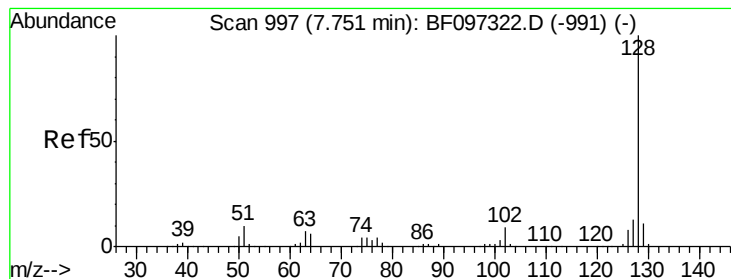
#30
 1,2,4-Trichlorobenzene
 Concen: 40.14 ng
 RT: 7.67 min Scan# 1000
 Delta R.T. -0.06 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.8	113.6
145	37.0	25.3	37.9



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





#31

Naphthalene

Concen: 41.15 ng

RT: 7.75 min Scan# 1013

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

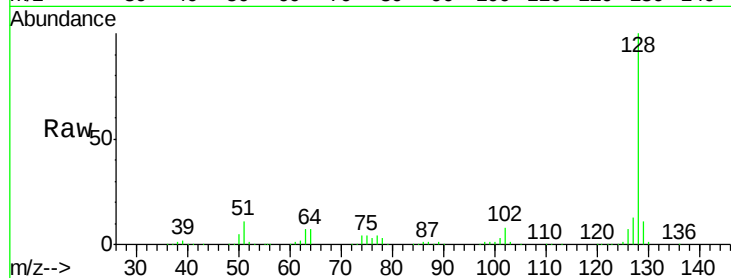
Tot Ion:128 Resp: 779325

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

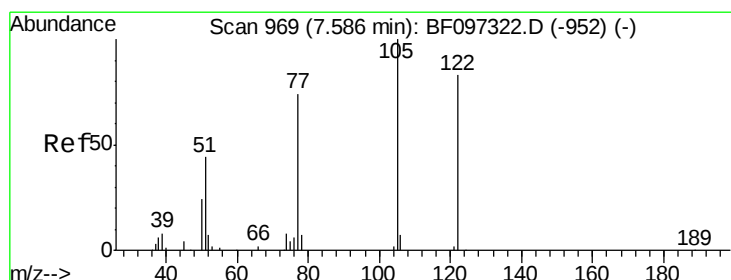
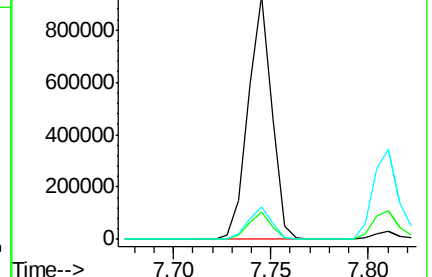
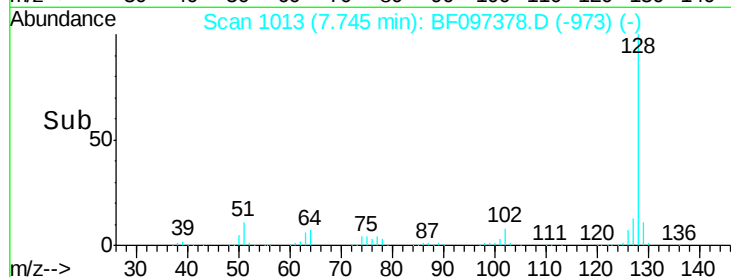
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.66 ng

RT: 7.57 min Scan# 983

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

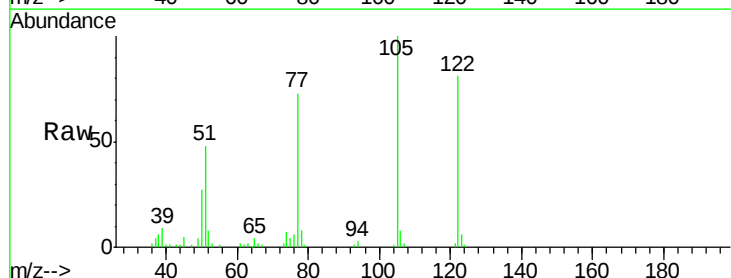
Tgt Ion:122 Resp: 107728

Ion Ratio Lower Upper

122 100

105 123.3 103.3 143.3

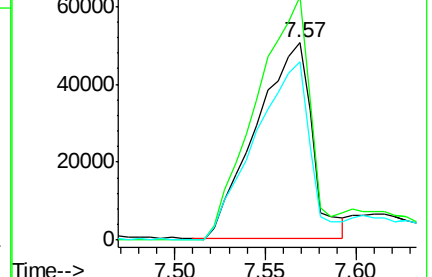
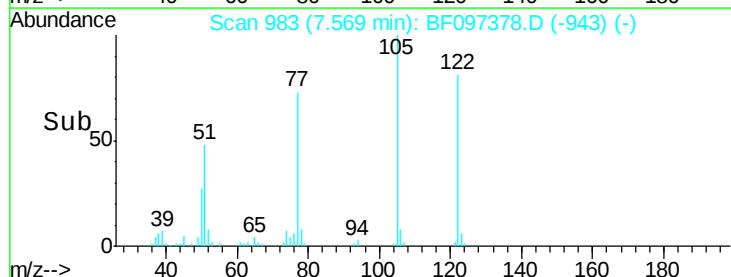
77 90.4 73.7 113.7

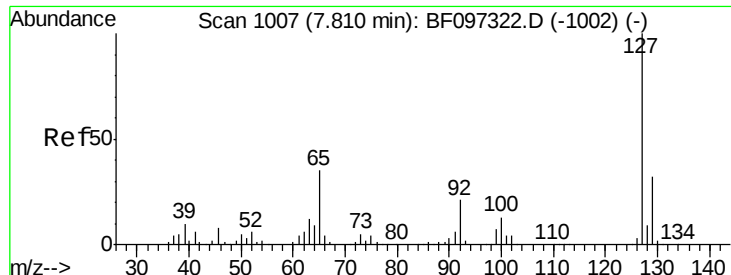


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

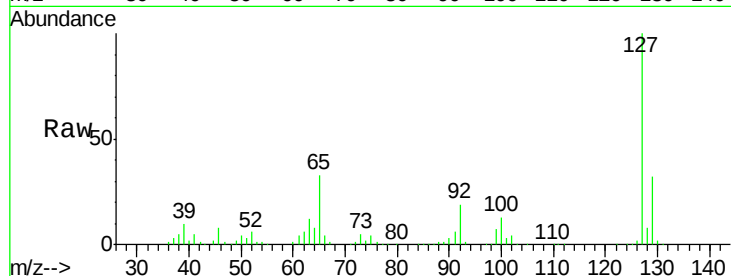




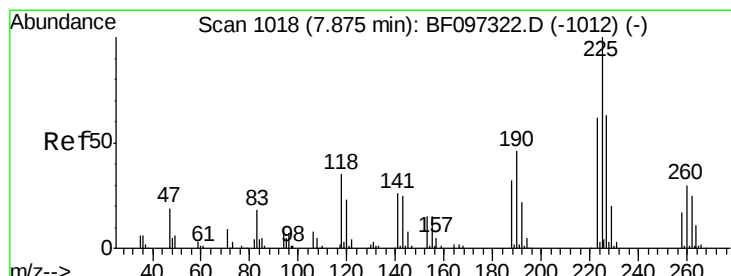
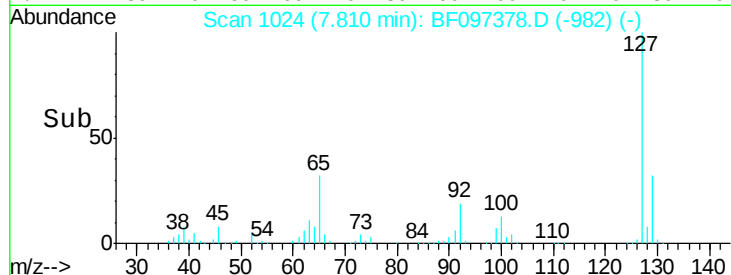
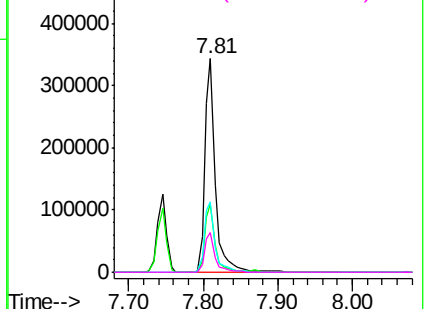
#33
4-Chloroaniline
Concen: 43.86 ng
RT: 7.81 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	338037
Ion Ratio	Lower	Upper	
127	100		
129	32.0	26.2	39.2
65	32.9	27.8	41.8
92	18.8	16.8	25.2

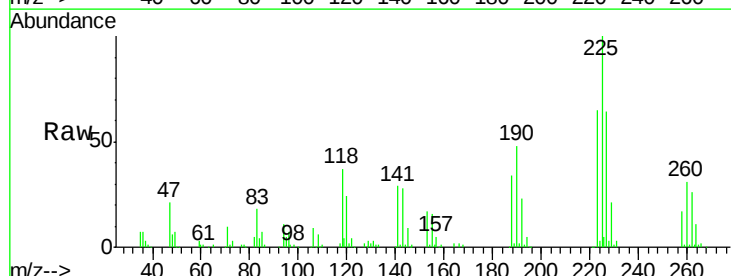


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

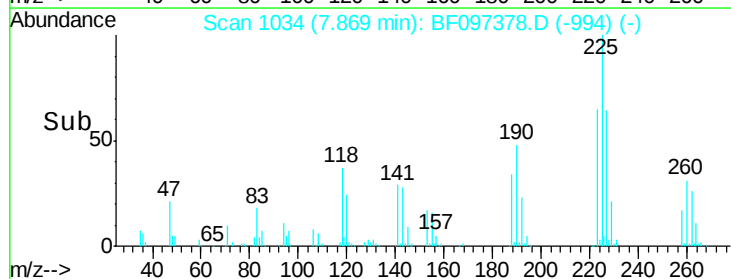
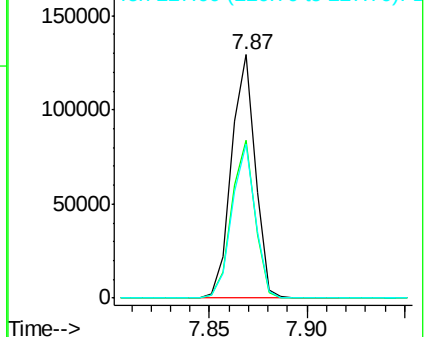


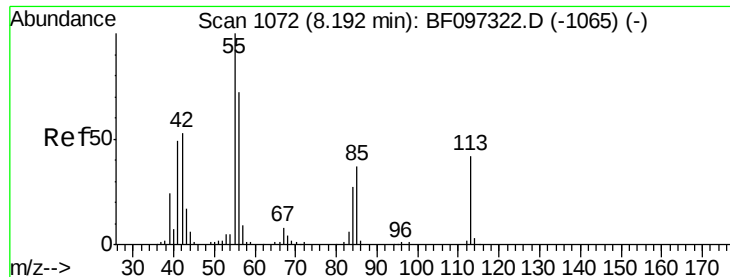
#34
Hexachlorobutadiene
Concen: 39.40 ng
RT: 7.87 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion:	225	Resp:	109194
Ion Ratio	Lower	Upper	
225	100		
223	64.9	48.8	73.2
227	63.5	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: 42.42 ng

RT: 8.19 min Scan# 1088

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

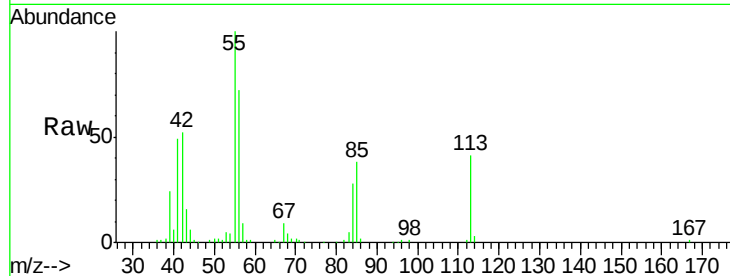
Tot Ion:113 Resp: 74605

Ion Ratio Lower Upper

113 100

55 241.5 150.2 190.2#

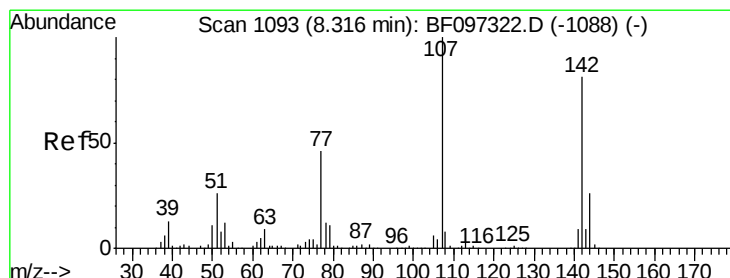
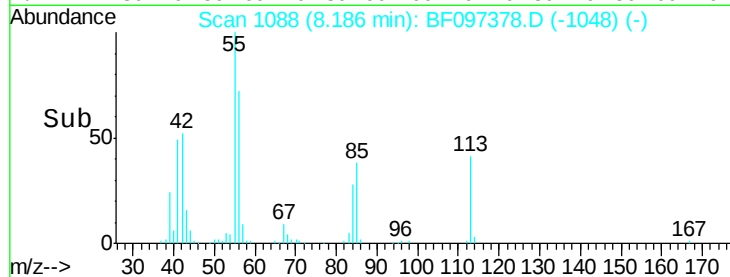
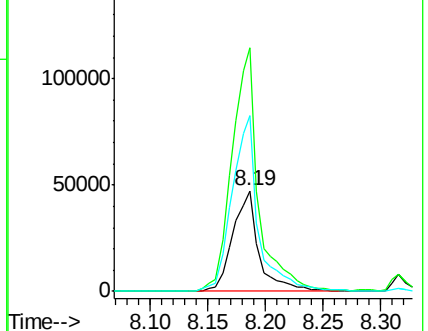
56 173.9 107.8 147.8#



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: 41.87 ng

RT: 8.32 min Scan# 1110

Delta R.T. -0.05 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

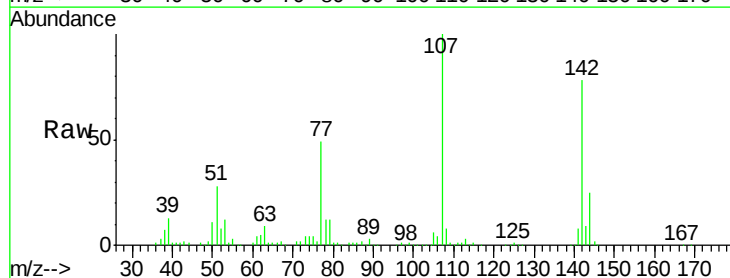
Tgt Ion:107 Resp: 250496

Ion Ratio Lower Upper

107 100

144 25.2 24.2 36.4

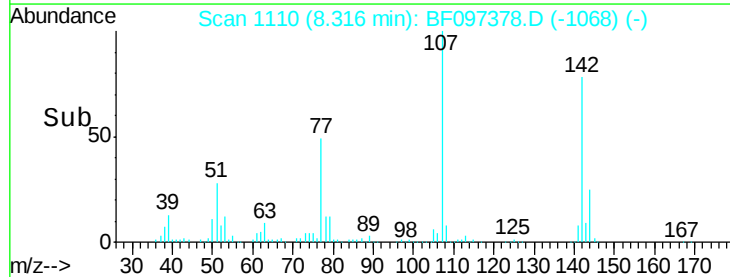
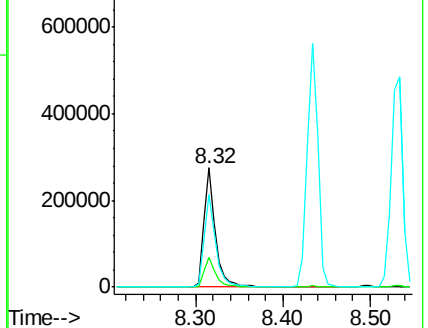
142 77.9 73.4 110.0

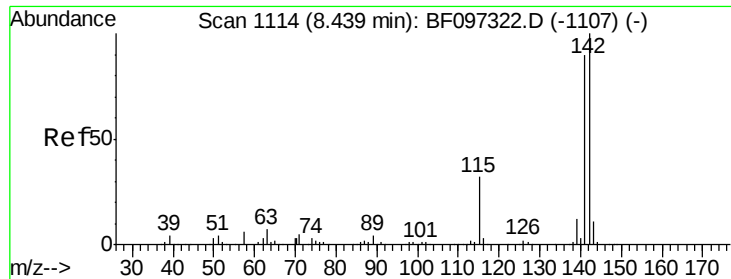


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

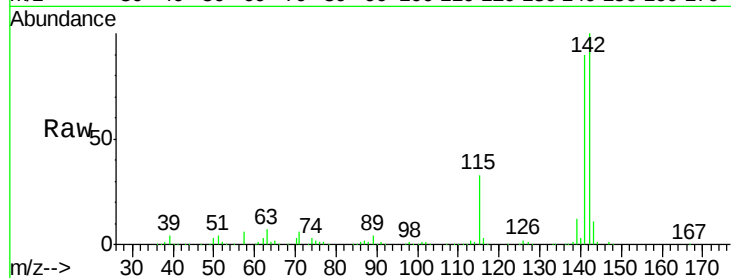




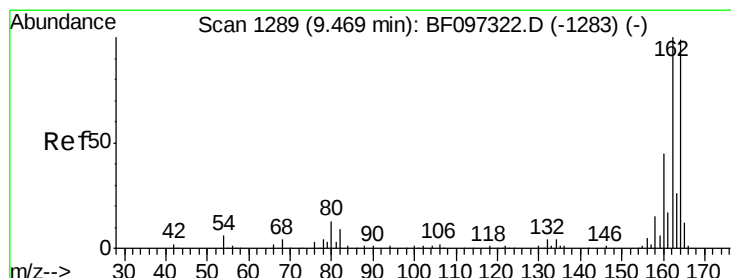
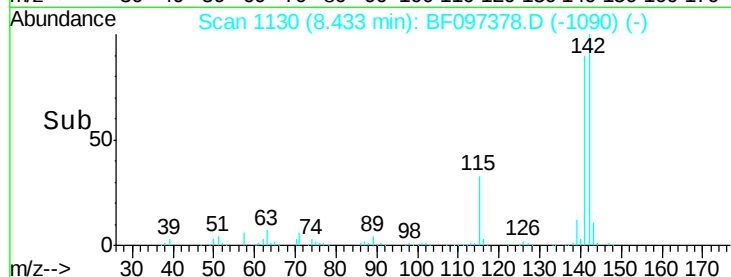
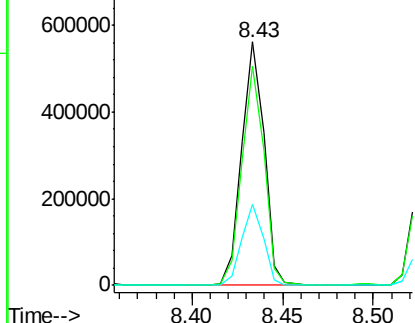
#37
2-Methylnaphthalene
Concen: 40.37 ng
RT: 8.43 min Scan# 1130
Delta R.T. -0.06 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 484154
Ion Ratio Lower Upper
142 100
141 89.8 71.3 106.9
115 33.3 27.1 40.7

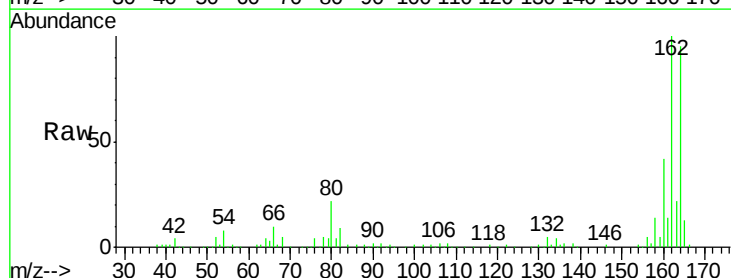


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

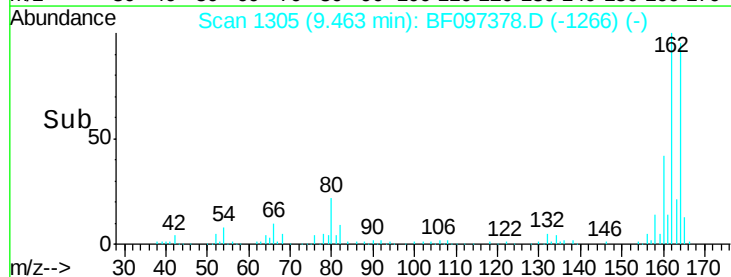
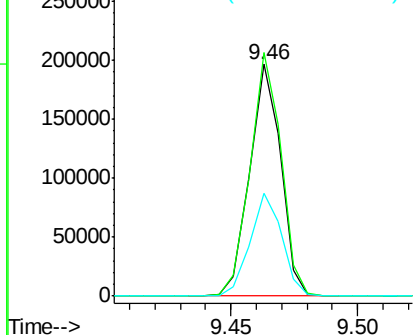


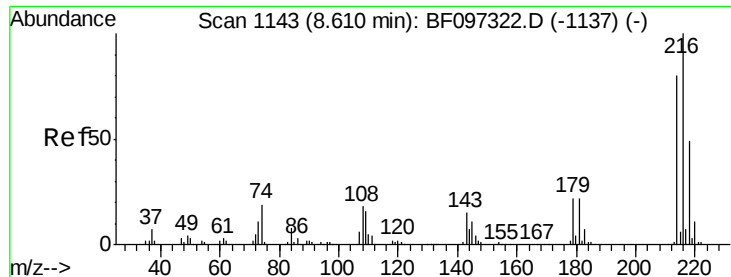
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.46 min Scan# 1305
Delta R.T. -0.07 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion:164 Resp: 167735
Ion Ratio Lower Upper
164 100
162 105.2 82.6 123.8
160 44.3 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.10 ng

RT: 8.60 min Scan# 1159

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 197380

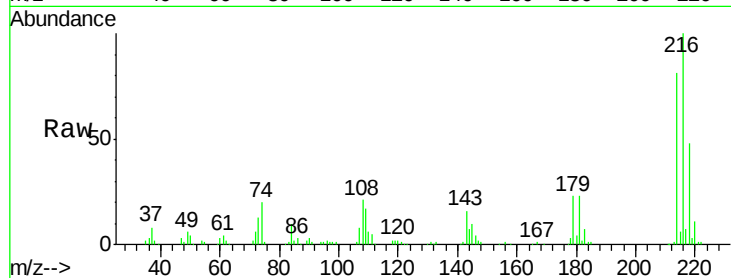
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.2

179 22.5 17.9 26.9

108 21.5 16.5 24.7

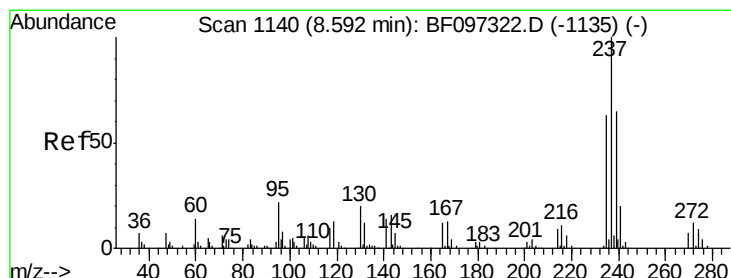
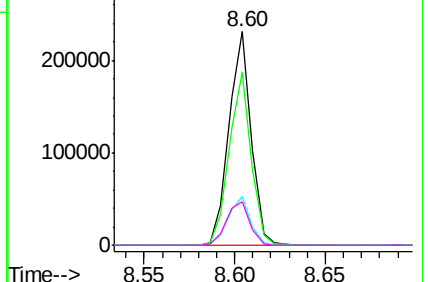
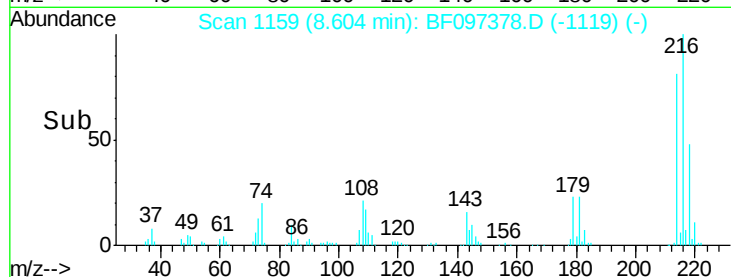


Abundance Ion 216.00 (215.70 to 216.70): E

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: 9.65 ng

RT: 8.59 min Scan# 1156

Delta R.T. -0.07 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

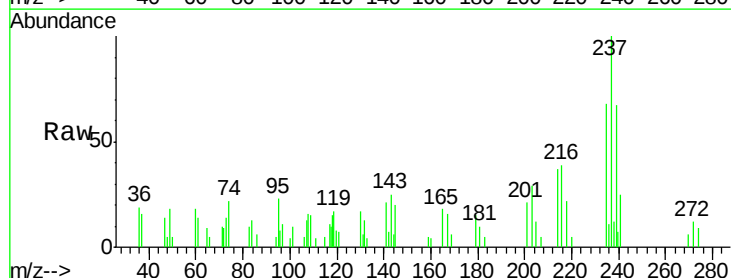
Tgt Ion:237 Resp: 5209

Ion Ratio Lower Upper

237 100

235 68.5 42.6 82.6

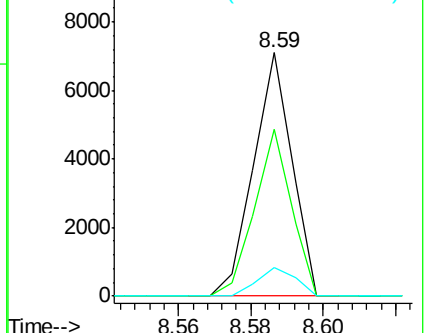
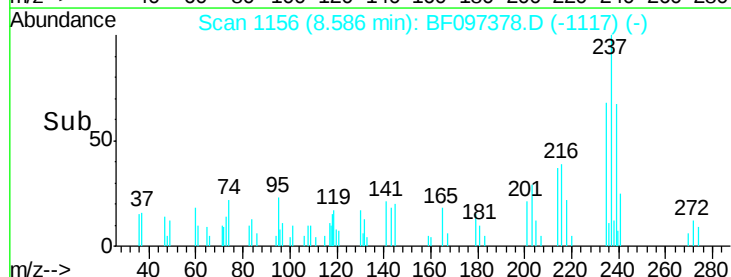
272 11.6 0.0 31.9

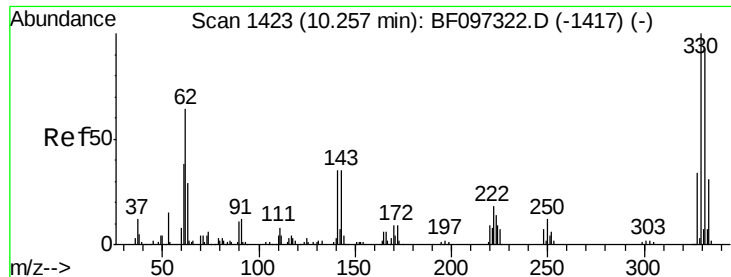


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

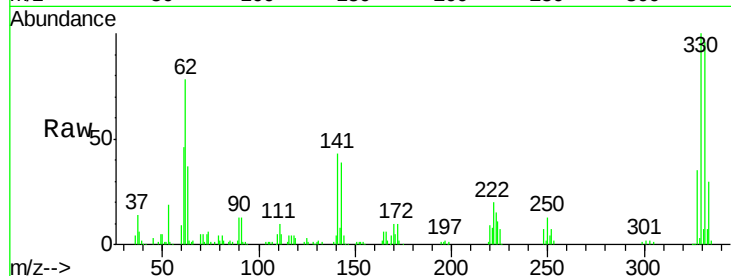




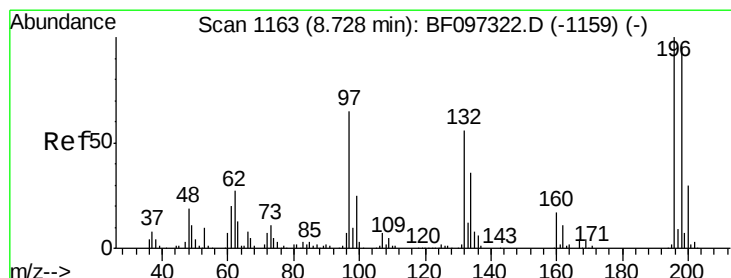
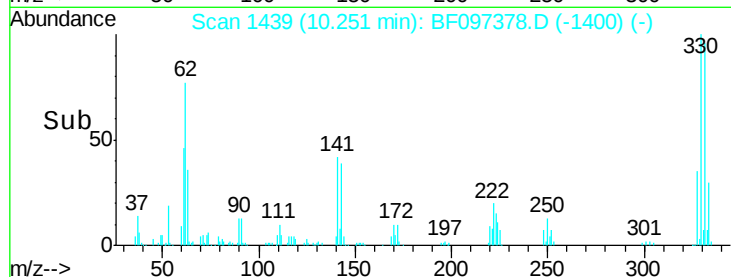
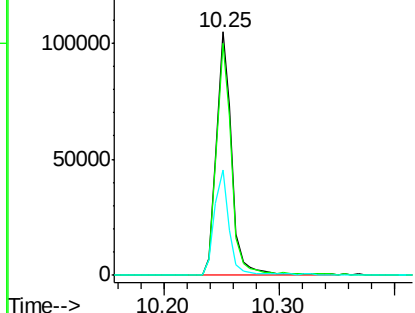
#41
 2,4,6-Tribromophenol
 Concen: 72.80 ng
 RT: 10.25 min Scan# 1439
 Delta R.T. -0.07 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	76.6	115.0
141	41.5	31.4	47.2

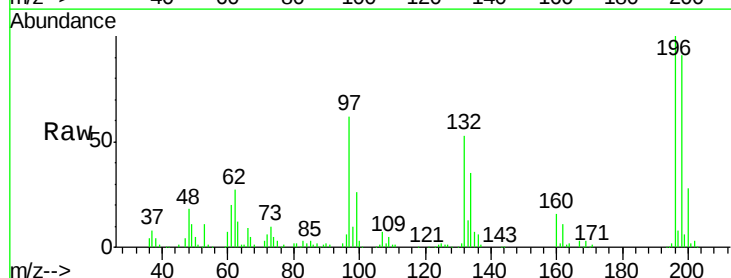


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

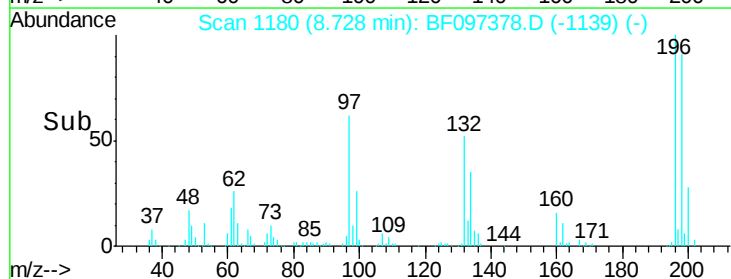
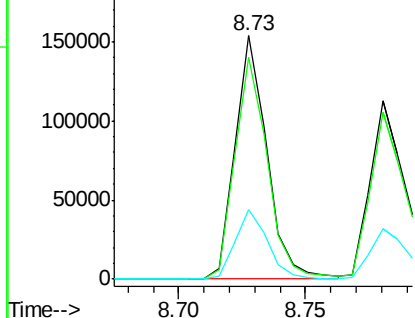


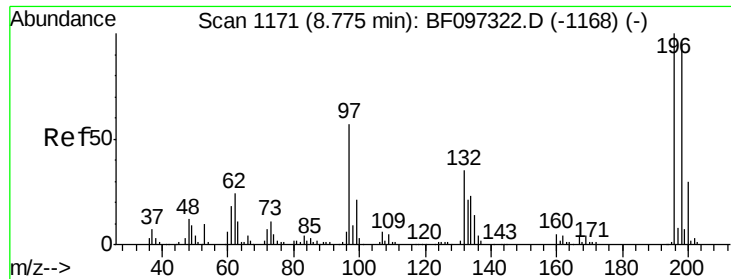
#42
 2,4,6-Trichlorophenol
 Concen: 41.22 ng
 RT: 8.73 min Scan# 1180
 Delta R.T. -0.06 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.1	74.2	111.4
200	28.3	24.0	36.0



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

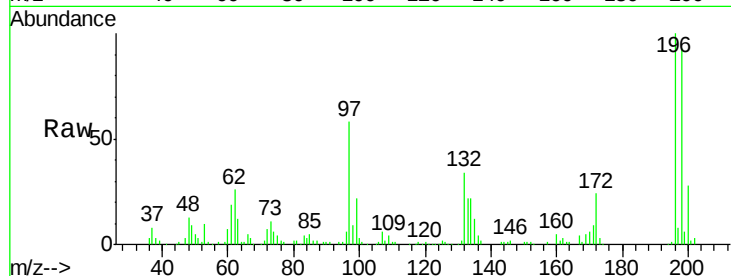




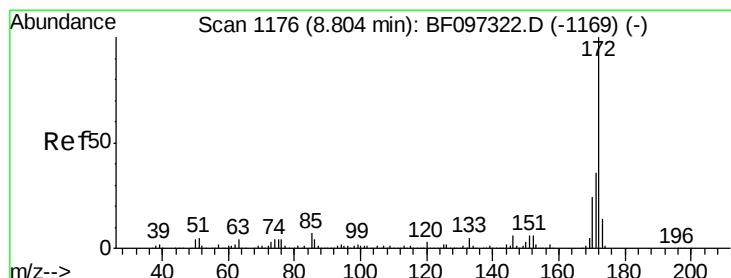
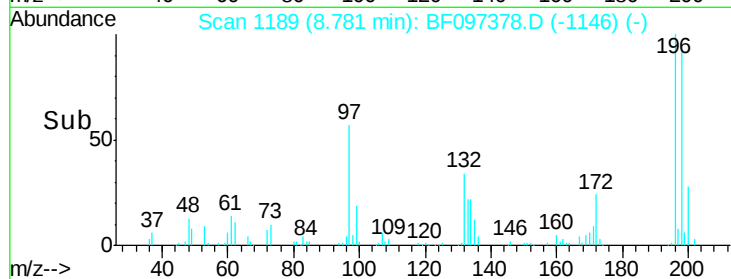
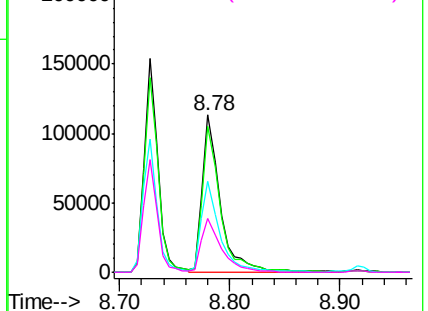
#43
 2,4,5-Trichlorophenol
 Concen: 38.32 ng
 RT: 8.78 min Scan# 1189
 Delta R.T. -0.05 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	93.3	75.7	113.5	
97	57.8	47.7	71.5	
132	34.0	28.0	42.0	

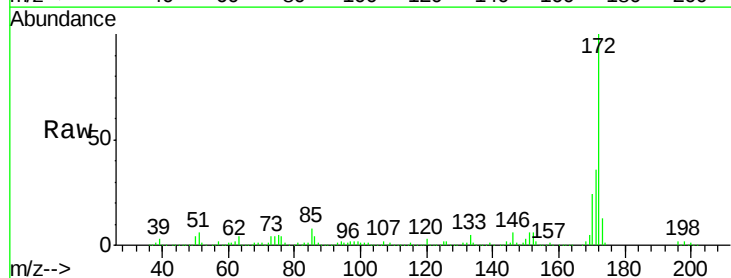


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

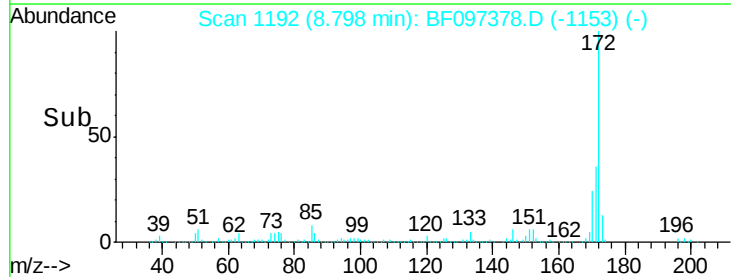
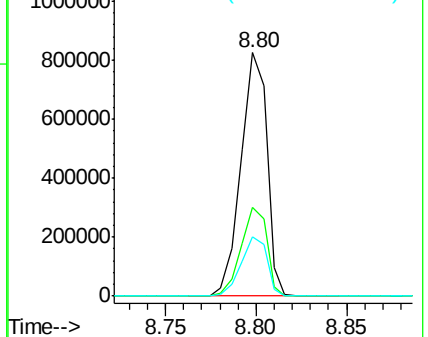


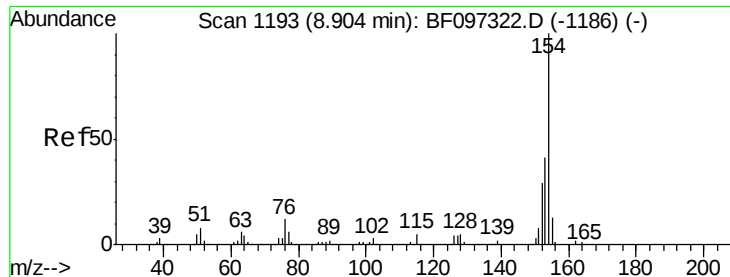
#44
 2-Fluorobiphenyl
 Concen: 83.33 ng
 RT: 8.80 min Scan# 1192
 Delta R.T. -0.07 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.2	29.6	44.4	
170	24.3	19.8	29.8	



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

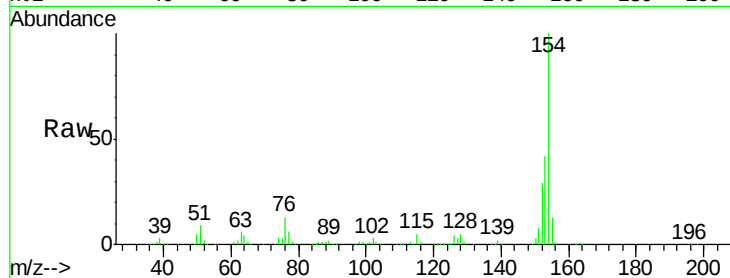




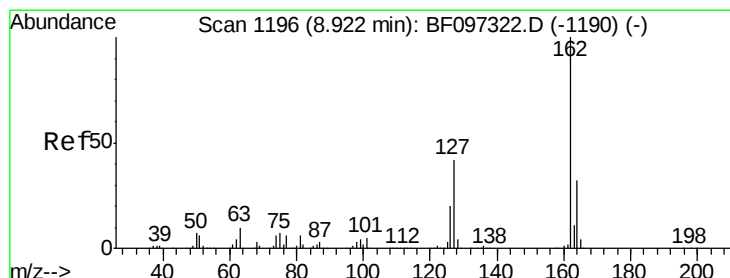
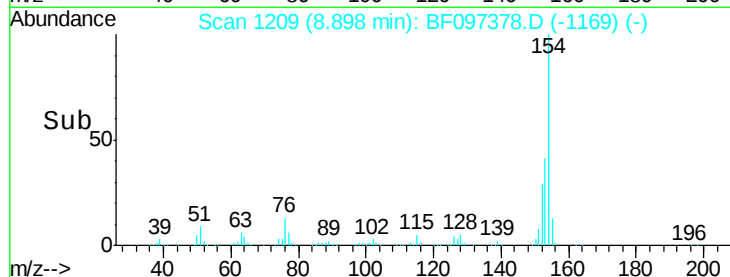
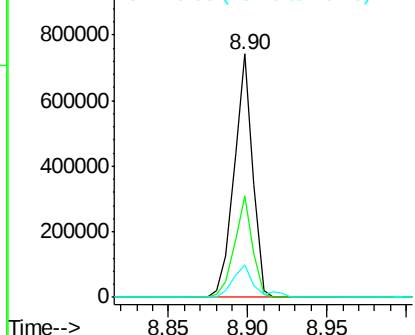
#45
 1,1'-Biphenyl
 Concen: 41.90 ng
 RT: 8.90 min Scan# 1209
 Delta R.T. -0.06 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.2	61.2
76	13.5	0.0	29.9

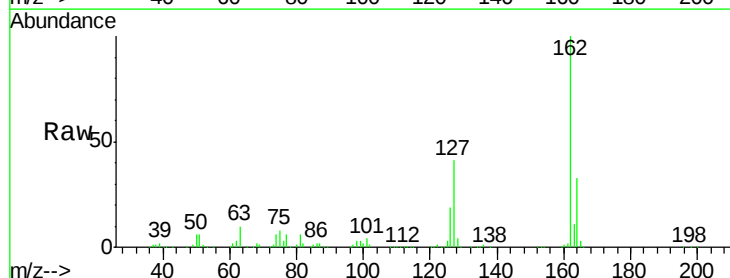


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

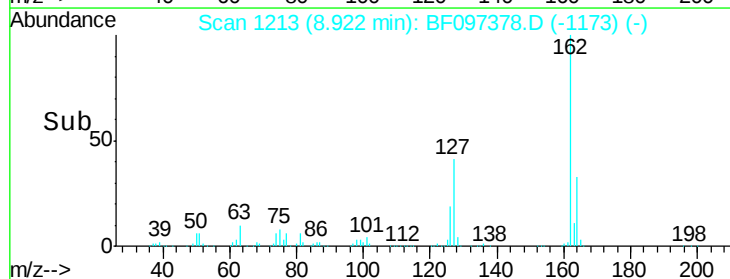
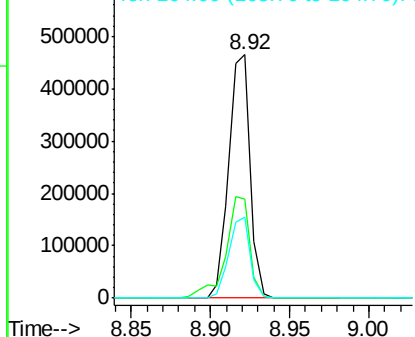


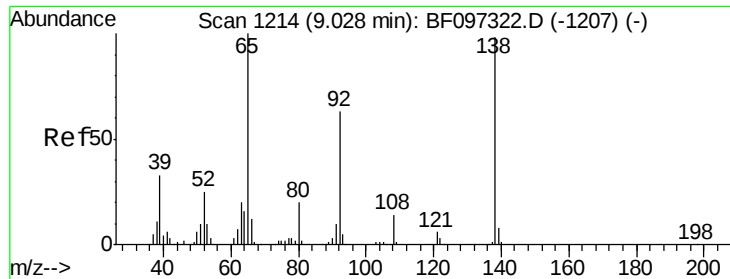
#46
 2-Chloronaphthalene
 Concen: 41.35 ng
 RT: 8.92 min Scan# 1213
 Delta R.T. -0.06 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	28.3	42.5
164	33.4	27.0	40.4



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

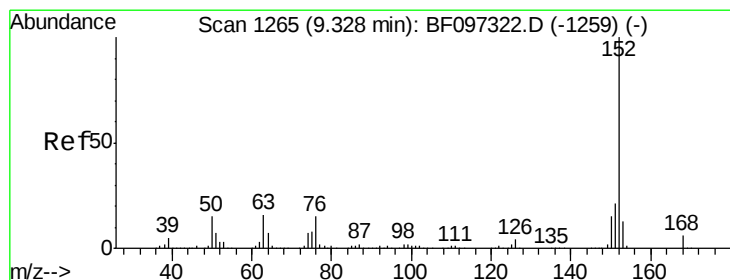
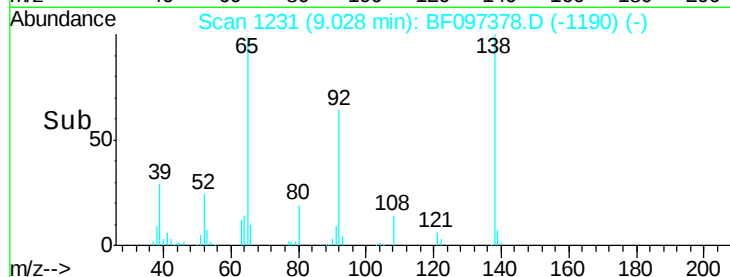
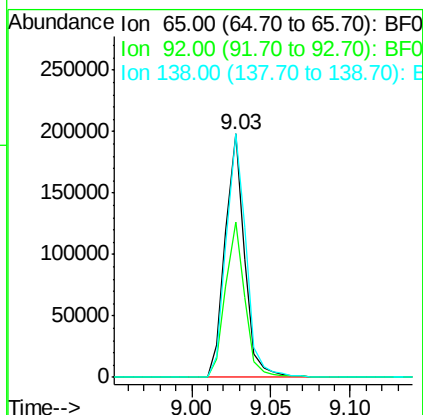
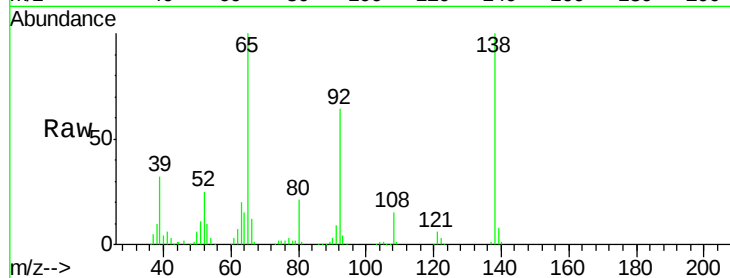




#47
2-Nitroaniline
Concen: 44.12 ng
RT: 9.03 min Scan# 1231
Delta R.T. -0.06 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

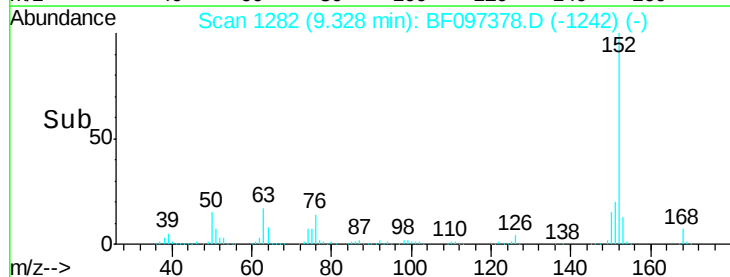
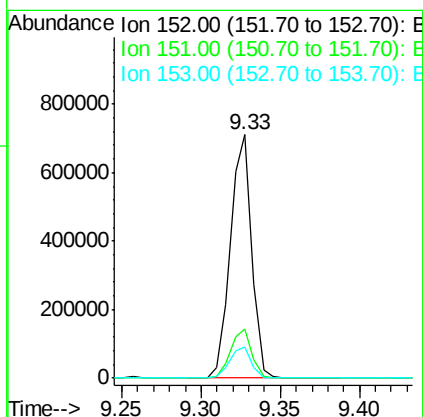
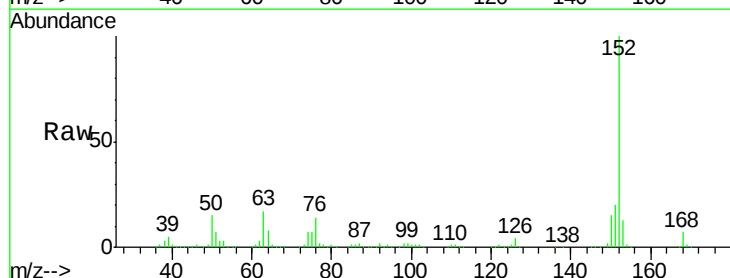
Instrument :
BNA_F
ClientSampled :

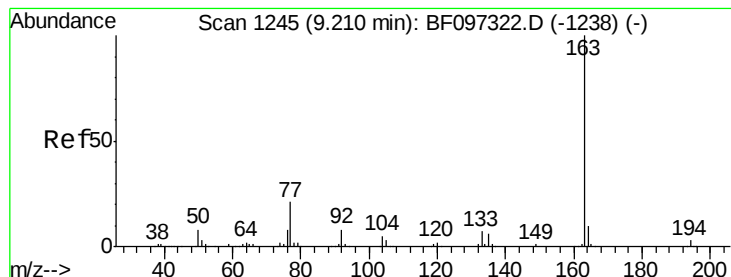
Tot Ion: 65 Resp: 168826
Ion Ratio Lower Upper
65 100
92 64.0 53.9 80.9
138 99.9 78.8 118.2



#48
Acenaphthylene
Concen: 40.85 ng
RT: 9.33 min Scan# 1282
Delta R.T. -0.06 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion: 152 Resp: 661085
Ion Ratio Lower Upper
152 100
151 20.1 16.8 25.2
153 12.6 10.8 16.2





#49

Dimethylphthalate

Concen: 44.35 ng

RT: 9.20 min Scan# 1261

Delta R.T. -0.07 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

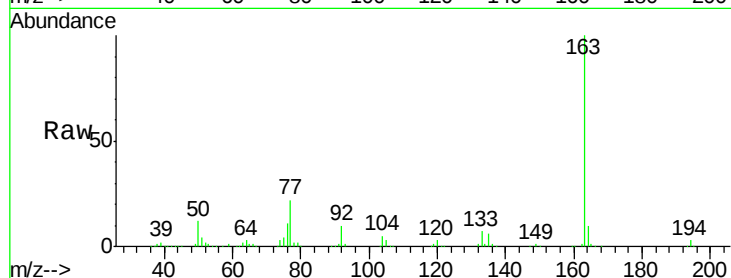
Tot Ion:163 Resp: 564918

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

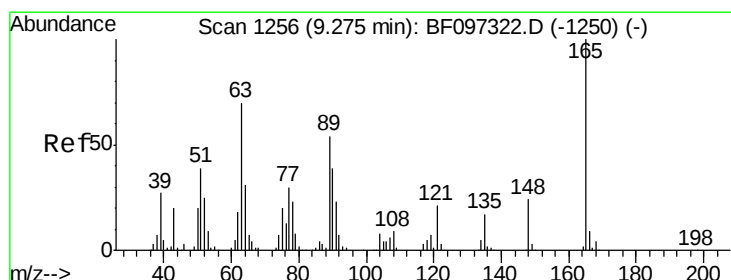
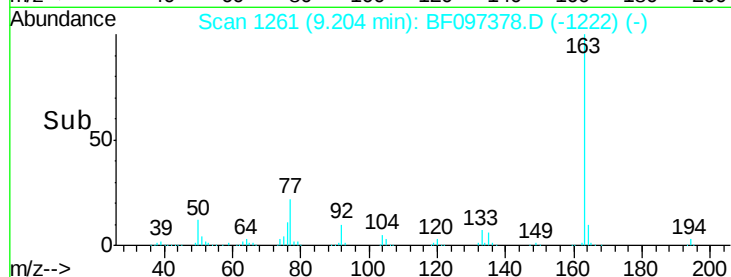
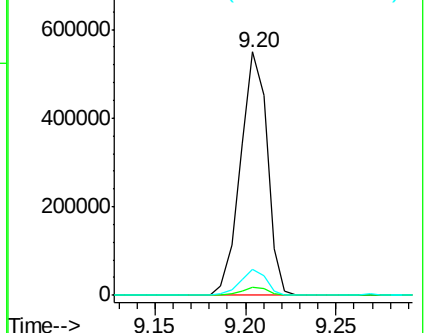
164 10.5 8.4 12.6



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: 42.30 ng

RT: 9.27 min Scan# 1272

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

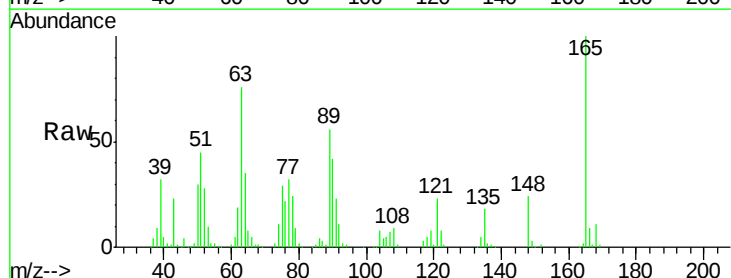
Tgt Ion:165 Resp: 114268

Ion Ratio Lower Upper

165 100

63 76.4 34.3 51.5#

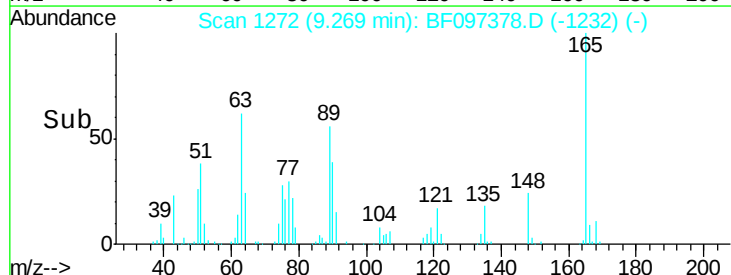
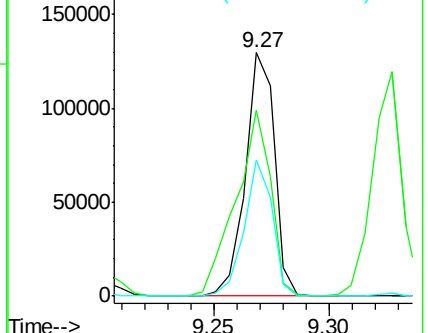
89 56.0 37.1 55.7#

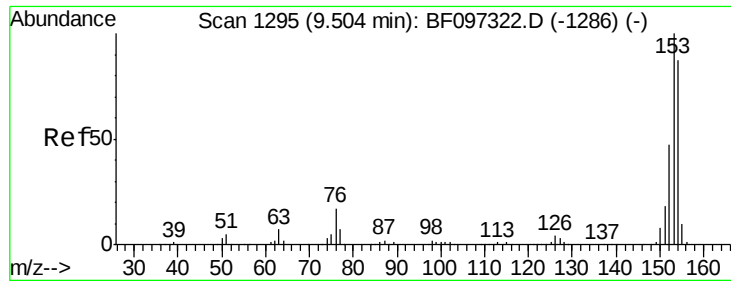


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.71 ng

RT: 9.50 min Scan# 1311

Delta R.T. -0.07 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

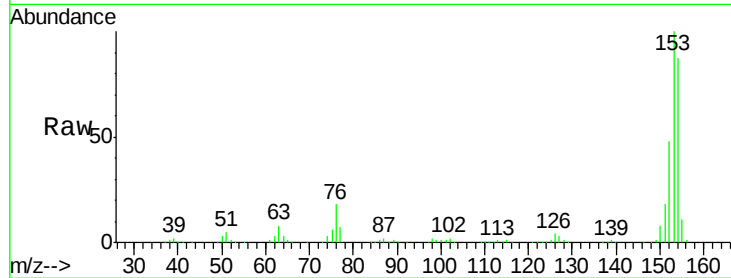
Tot Ion:154 Resp: 388058

Ion Ratio Lower Upper

154 100

153 114.9 90.5 135.7

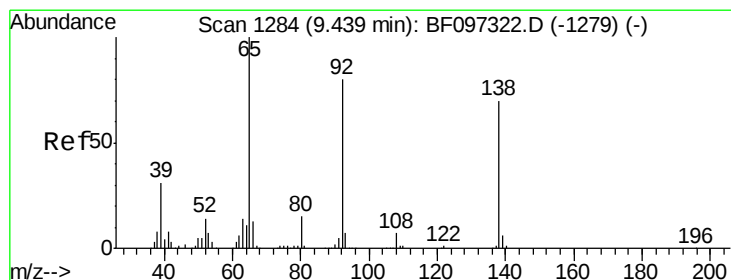
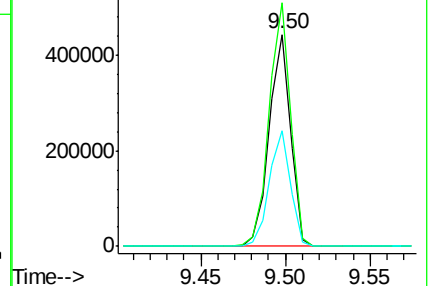
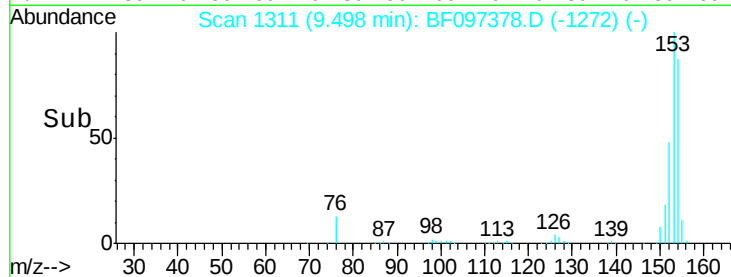
152 54.8 43.6 65.4



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: 42.41 ng

RT: 9.44 min Scan# 1301

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

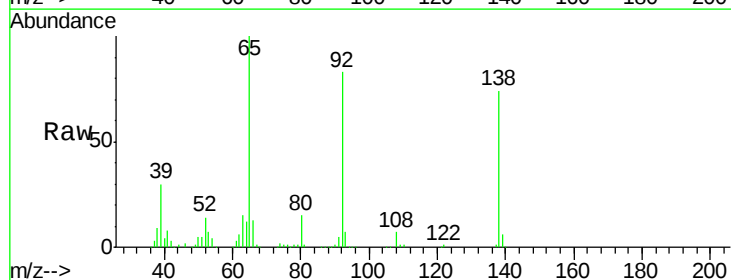
Tgt Ion:138 Resp: 142223

Ion Ratio Lower Upper

138 100

108 9.5 9.1 13.7

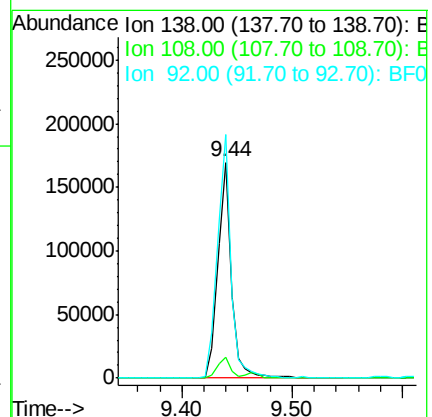
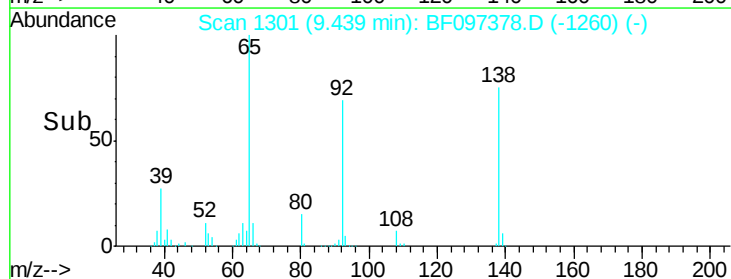
92 112.8 93.8 140.6

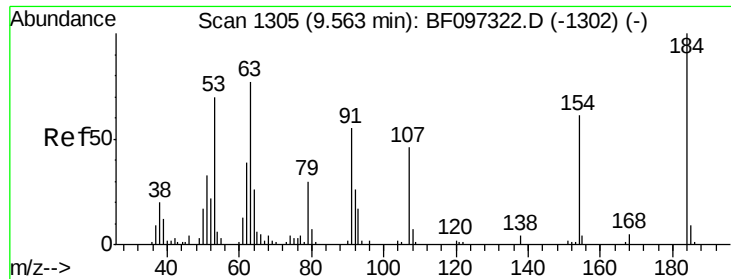


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

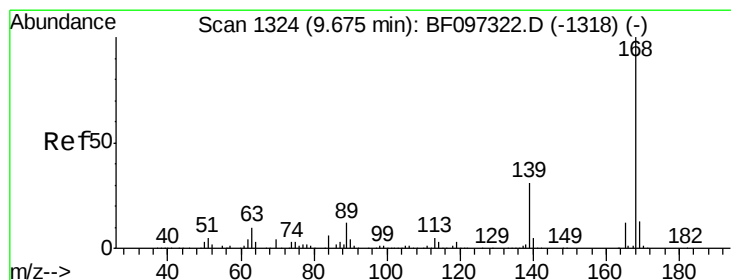
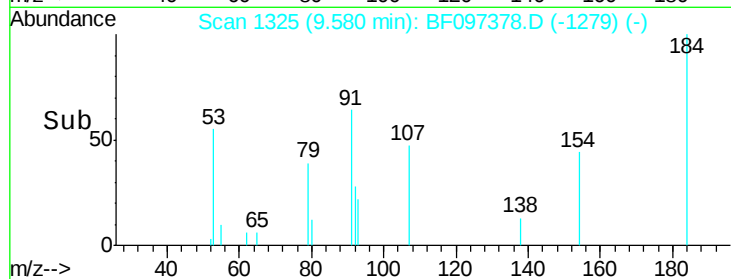
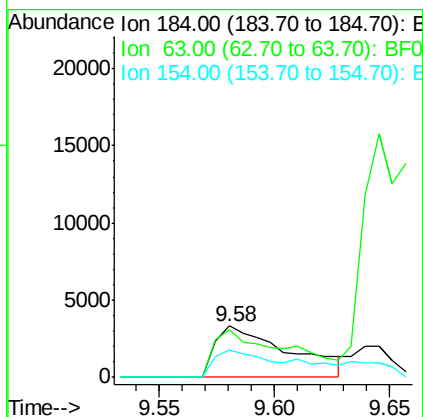
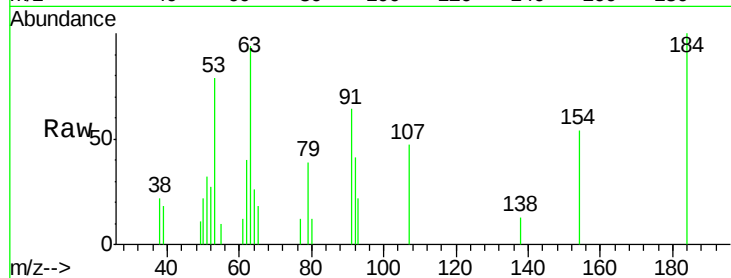




#53
2,4-Dinitrophenol
Concen: 5.94 ng
RT: 9.58 min Scan# 1325
Delta R.T. -0.03 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

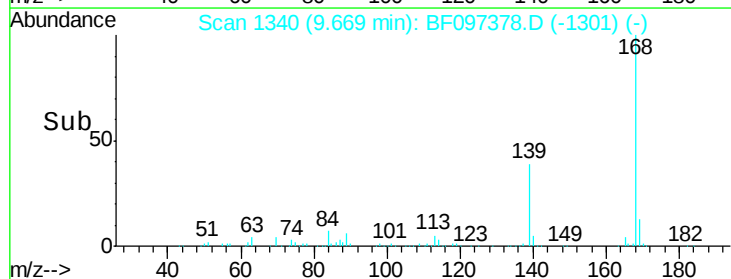
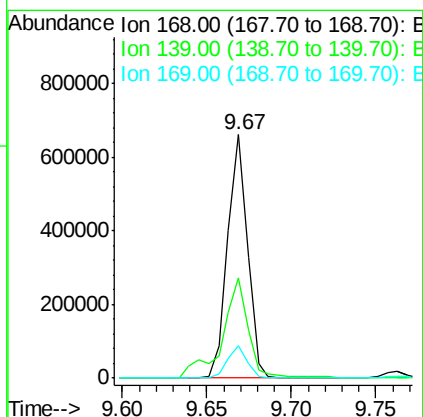
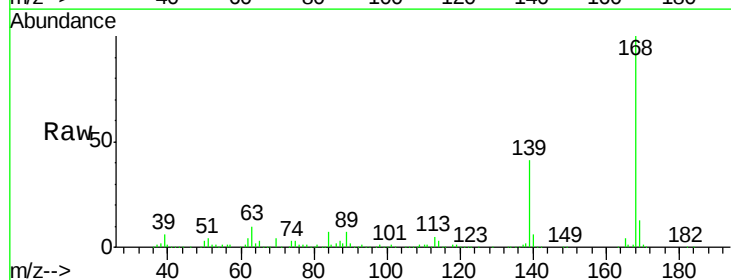
Instrument :
BNA_F
ClientSampleId :

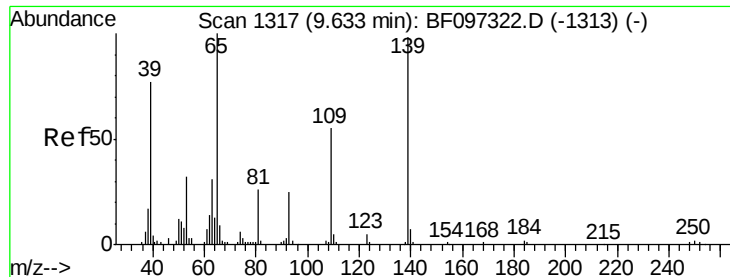
Tot Ion:184 Resp: 7294
Ion Ratio Lower Upper
184 100
63 94.1 62.7 94.1#
154 54.2 81.1 121.7#



#54
Dibenzofuran
Concen: 42.62 ng
RT: 9.67 min Scan# 1340
Delta R.T. -0.07 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion:168 Resp: 541158
Ion Ratio Lower Upper
168 100
139 40.9 30.6 45.8
169 13.3 10.8 16.2

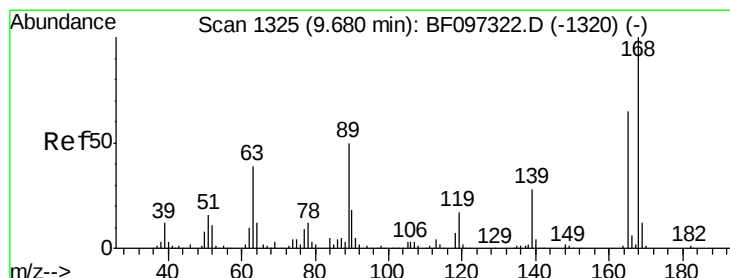
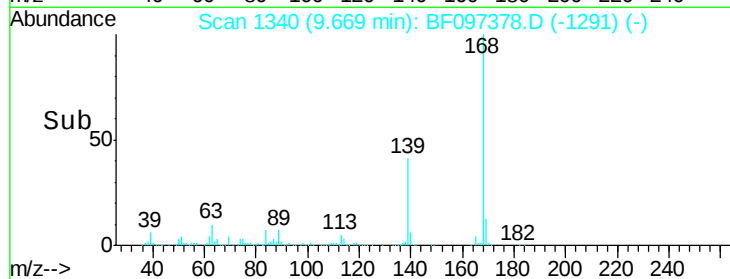
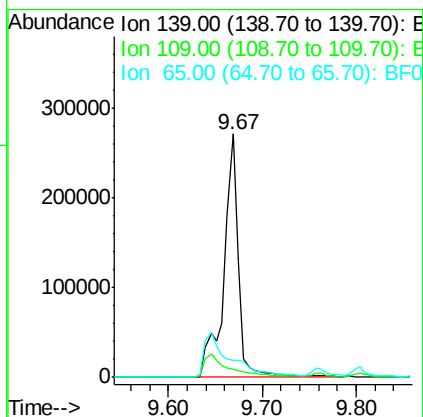
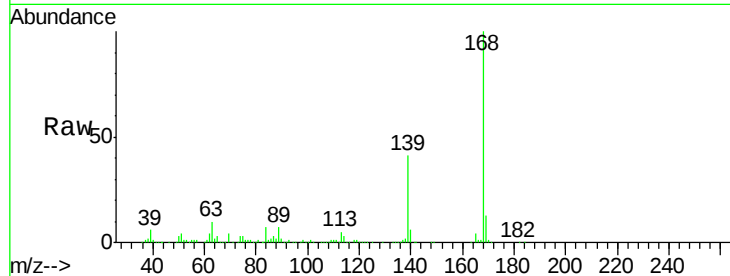




#55
4-Nitrophenol
Concen: 148.86 ng
RT: 9.67 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

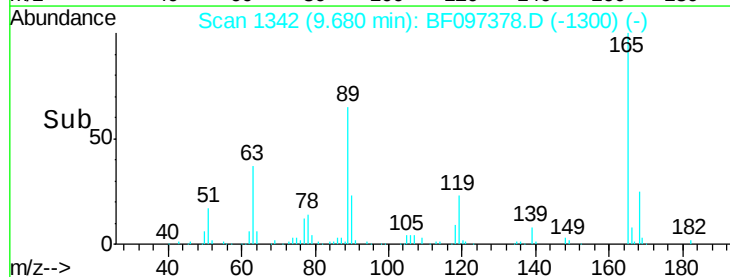
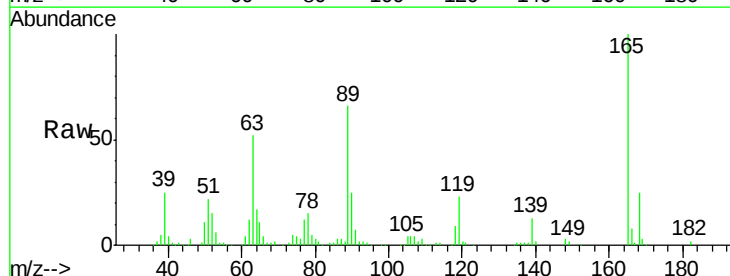
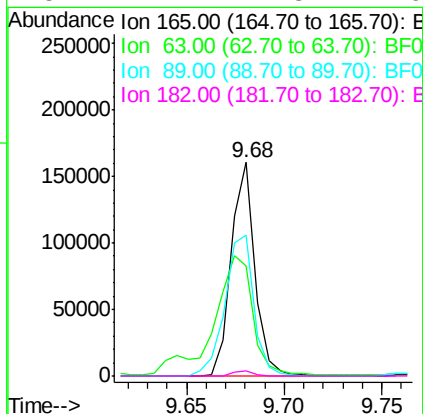
Instrument :
BNA_F
ClientSampleId :

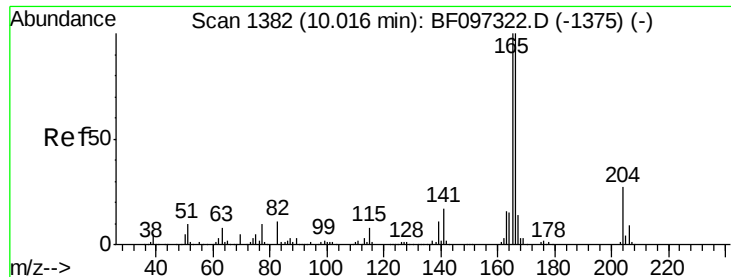
Tot Ion	Ratio	Lower	Upper
139	100		
109	3.5	34.1	74.1#
65	7.1	31.4	71.4#



#56
2,4-Dinitrotoluene
Concen: 43.44 ng
RT: 9.68 min Scan# 1342
Delta R.T. -0.05 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.7	25.4	38.0#
89	65.9	46.4	69.6
182	2.1	1.8	2.6





#57

Fluorene

Concen: 43.50 ng

RT: 10.01 min Scan# 1398

Delta R.T. -0.07 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

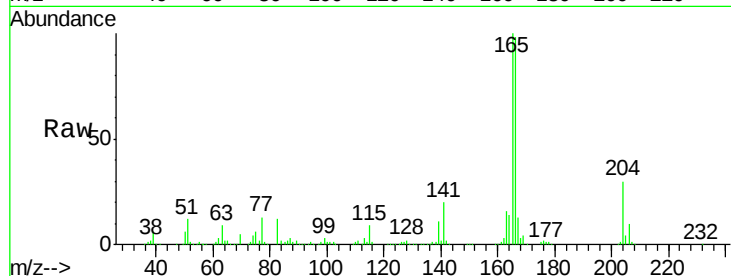
Tot Ion:166 Resp: 415113

Ion Ratio Lower Upper

166 100

165 101.5 78.8 118.2

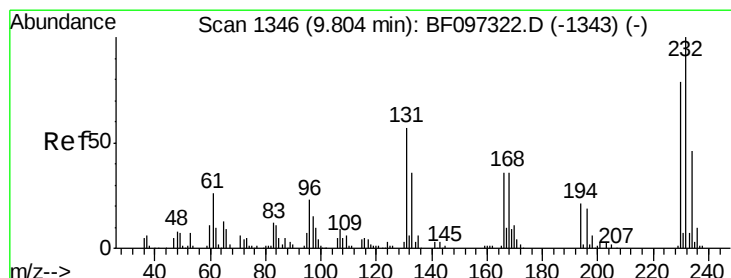
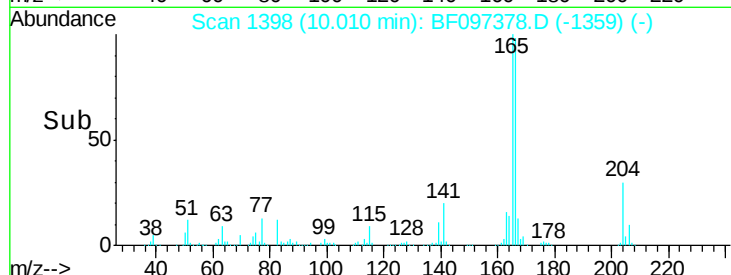
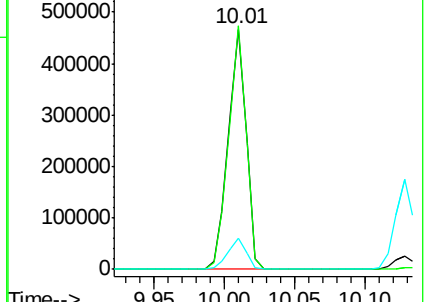
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.84 ng

RT: 9.80 min Scan# 1363

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Tgt Ion:232 Resp: 80323

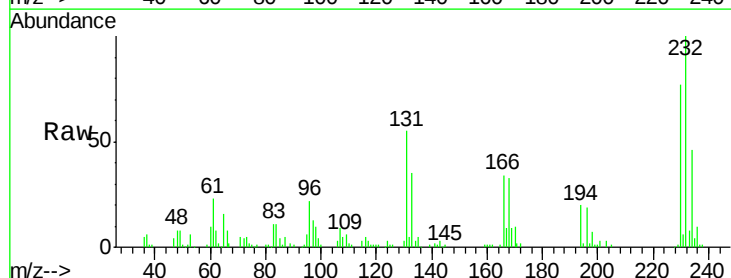
Ion Ratio Lower Upper

232 100

131 55.4 44.8 67.2

130 2.4 2.3 3.5

166 34.1 29.0 43.4

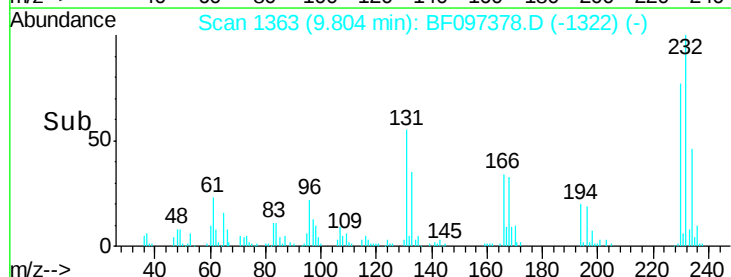
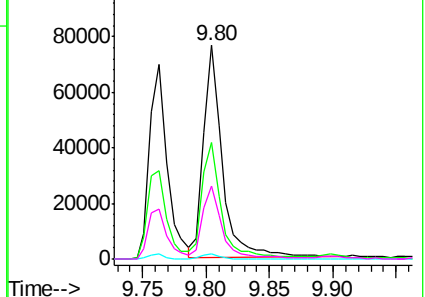


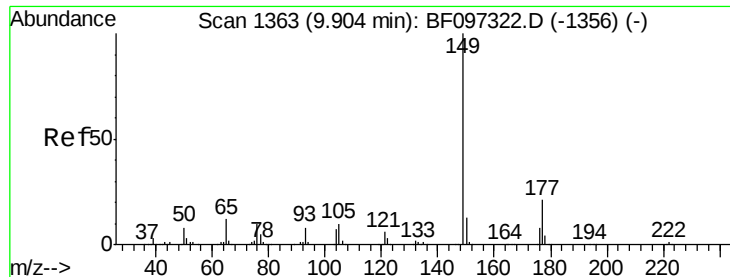
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

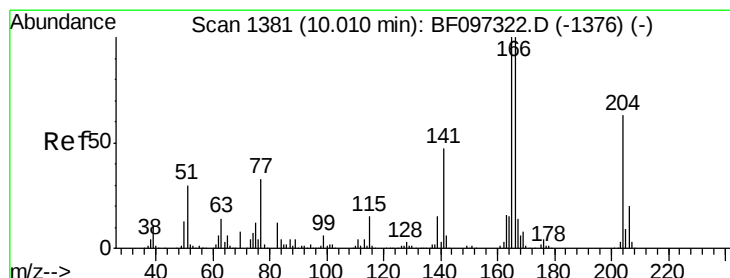
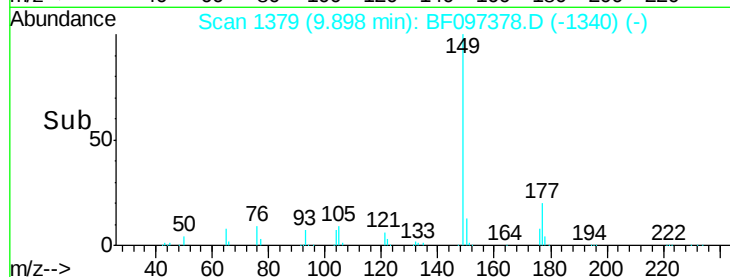
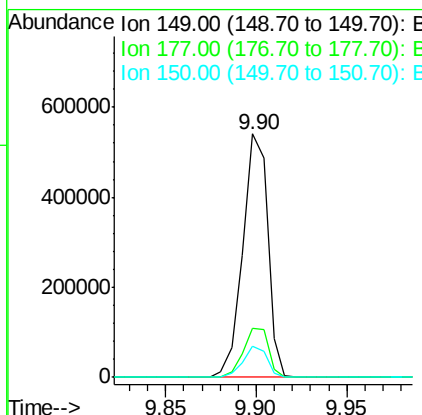
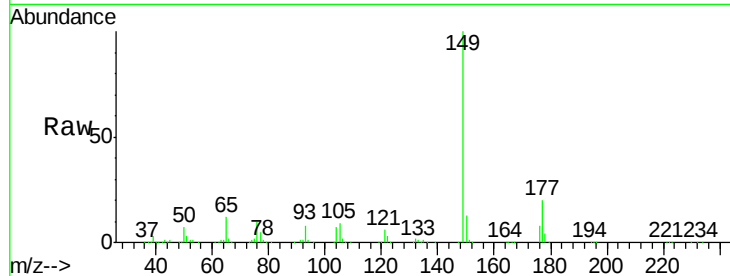




#59
Diethylphthalate
Concen: 44.38 ng
RT: 9.90 min Scan# 1379
Delta R.T. -0.07 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

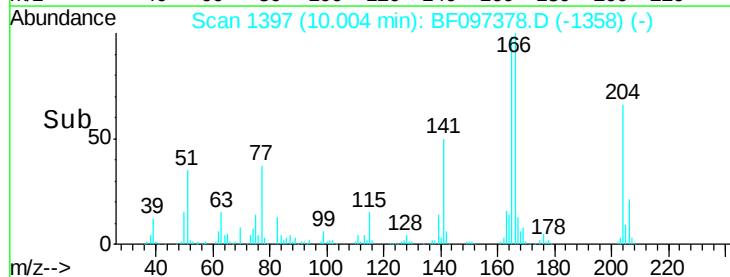
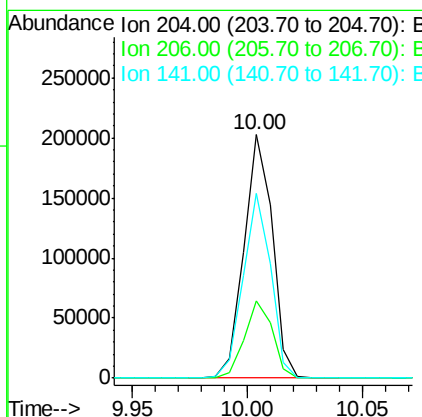
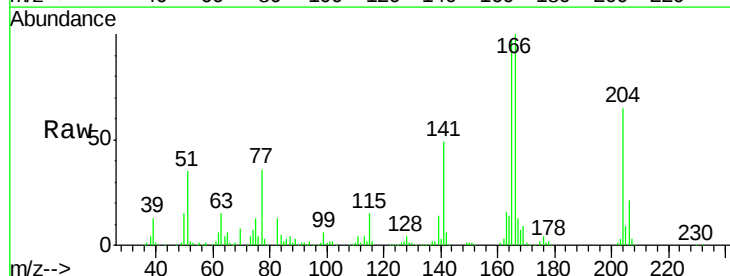
Instrument :
BNA_F
ClientSampleId :

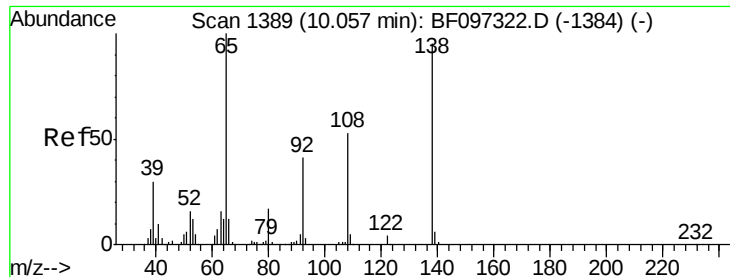
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.0	16.7	25.1
150	13.0	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.31 ng
RT: 10.00 min Scan# 1397
Delta R.T. -0.07 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.2	39.2
141	75.8	60.8	91.2

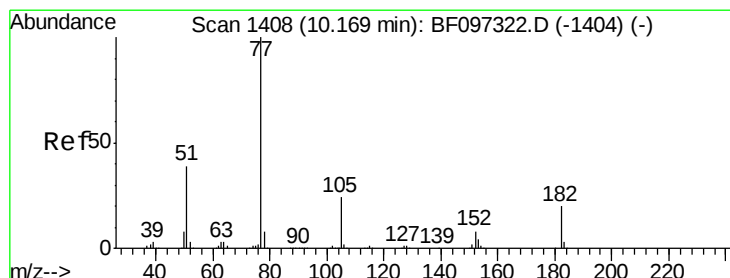
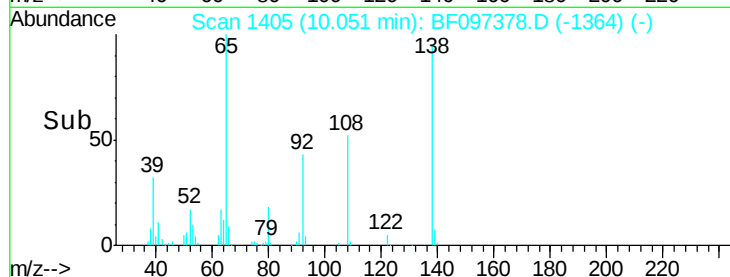
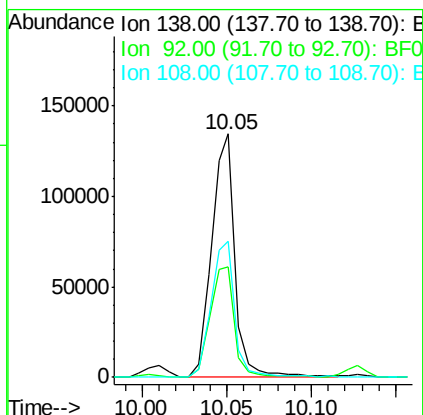
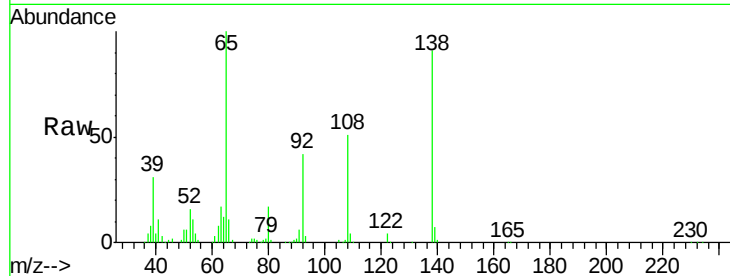




#61
4-Nitroaniline
Concen: 40.73 ng
RT: 10.05 min Scan# 1405
Delta R.T. -0.06 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

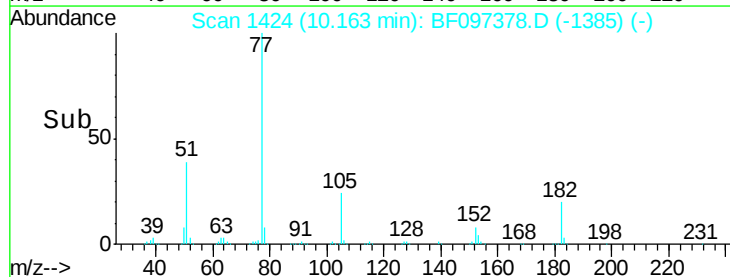
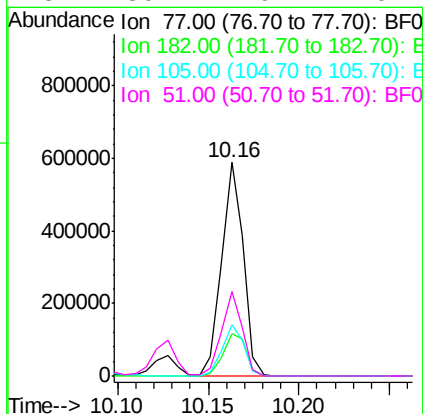
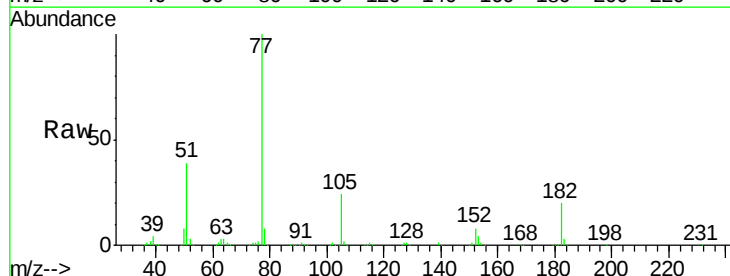
Instrument :
BNA_F
ClientSampled :

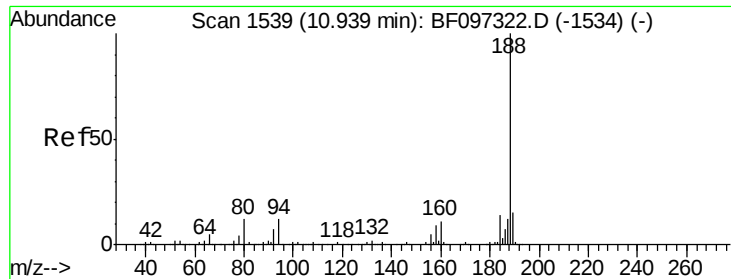
Tot Ion:138 Resp: 129762
Ion Ratio Lower Upper
138 100
92 45.6 21.8 61.8
108 55.9 42.3 82.3



#62
Azobenzene
Concen: 45.04 ng
RT: 10.16 min Scan# 1424
Delta R.T. -0.07 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion: 77 Resp: 488264
Ion Ratio Lower Upper
77 100
182 20.0 0.1 40.1
105 23.9 3.6 43.6
51 39.4 9.4 49.4

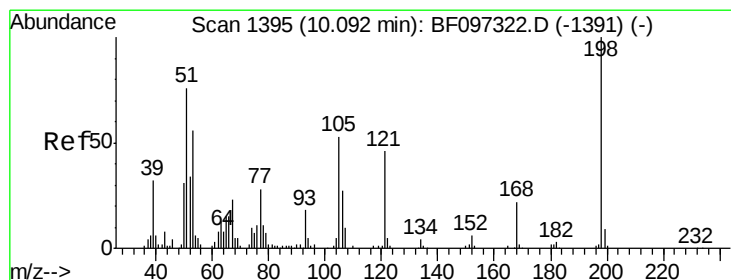
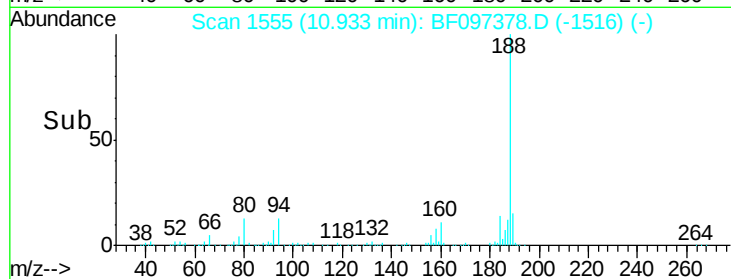
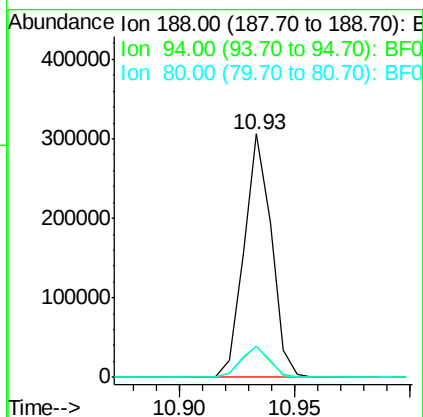
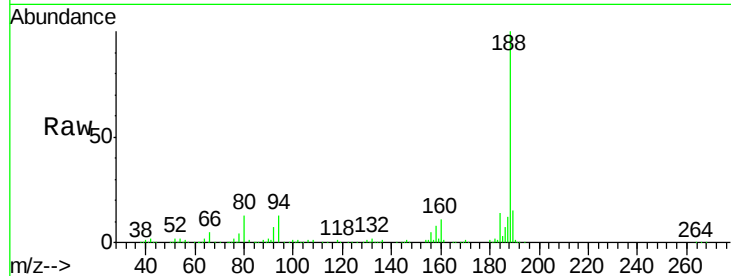




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.07 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

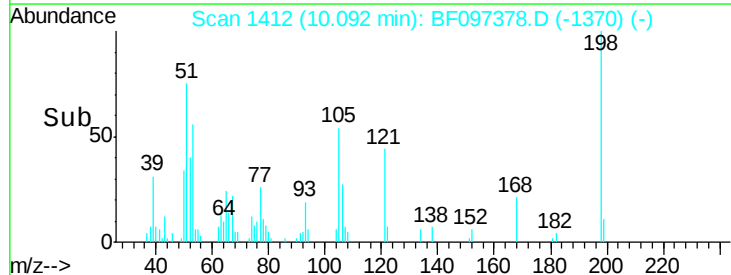
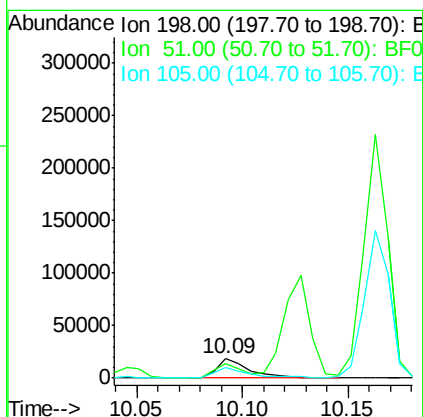
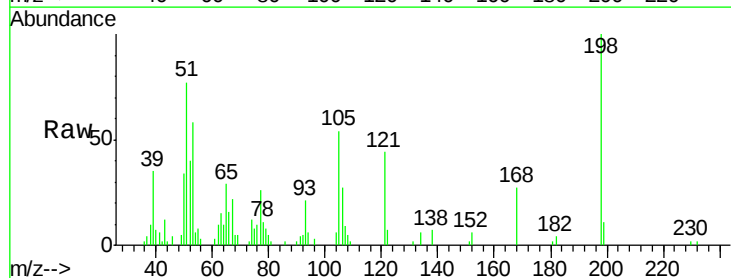
Instrument :
BNA_F
ClientSampleId :

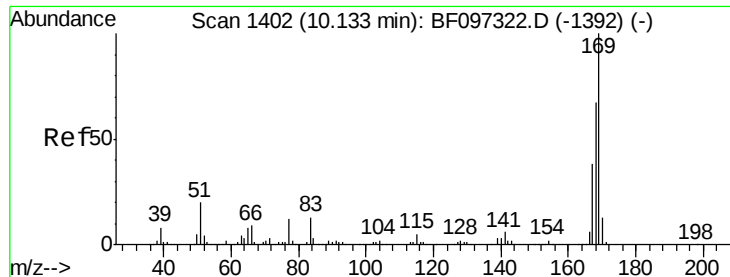
Tot Ion:188 Resp: 253673
Ion Ratio Lower Upper
188 100
94 12.7 9.4 14.2
80 12.8 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 12.08 ng
RT: 10.09 min Scan# 1412
Delta R.T. -0.05 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion:198 Resp: 19047
Ion Ratio Lower Upper
198 100
51 77.2 53.2 93.2
105 54.1 45.8 85.8

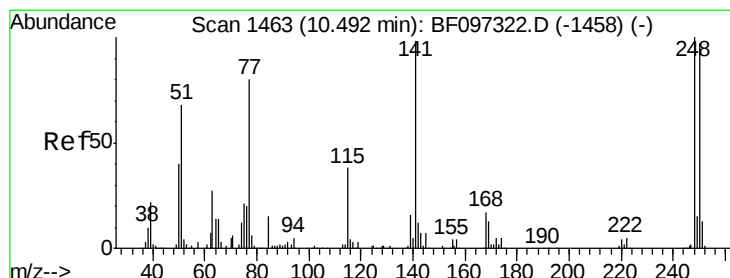
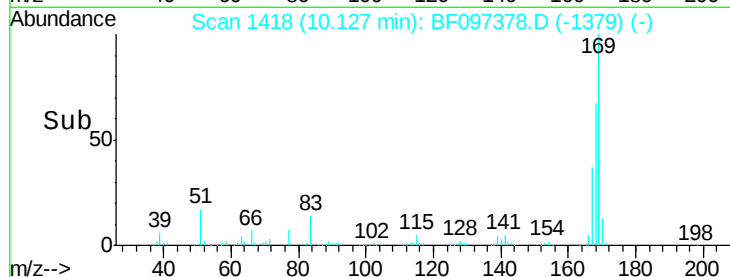
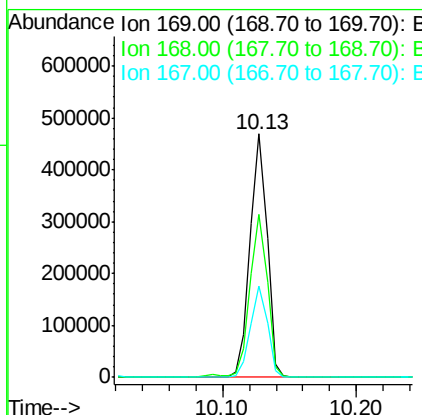
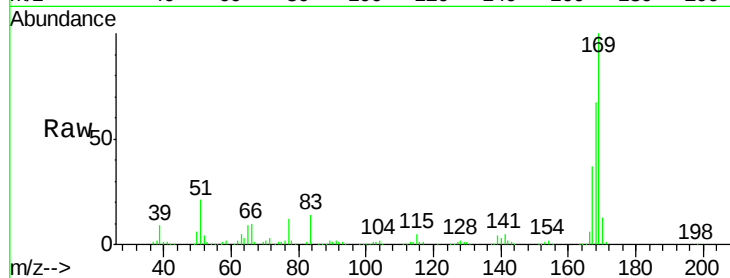




#65
 n-Nitrosodiphenylamine
 Concen: 46.36 ng
 RT: 10.13 min Scan# 1418
 Delta R.T. -0.07 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

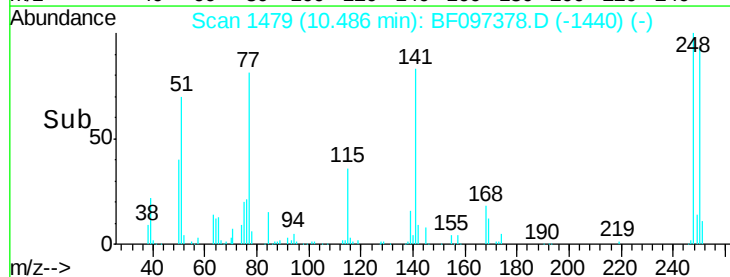
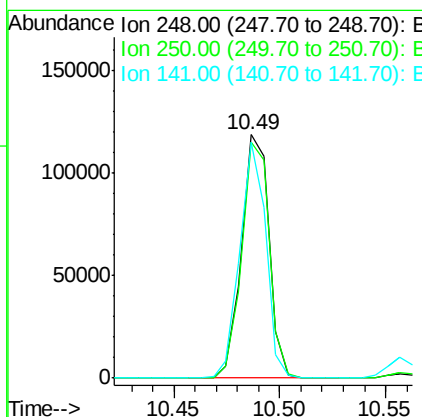
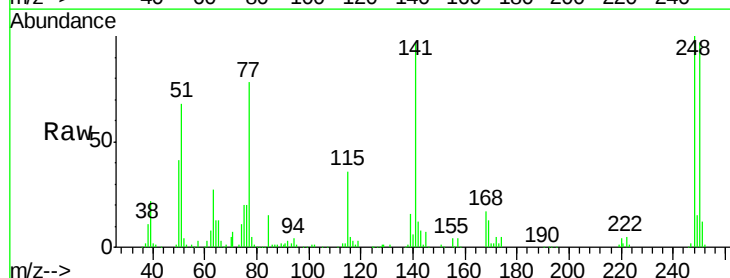
Instrument :
 BNA_F
 ClientSampleId :

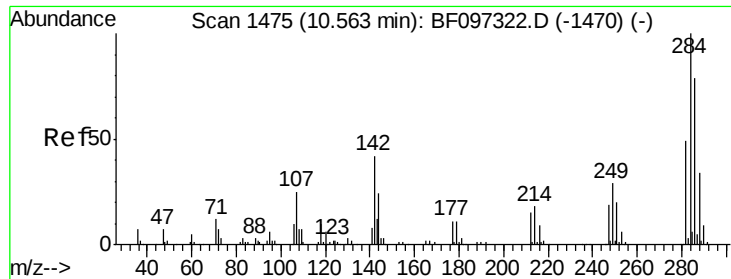
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.2	79.8
167	37.3	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 42.10 ng
 RT: 10.49 min Scan# 1479
 Delta R.T. -0.07 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.8	115.2
141	96.7	68.6	103.0

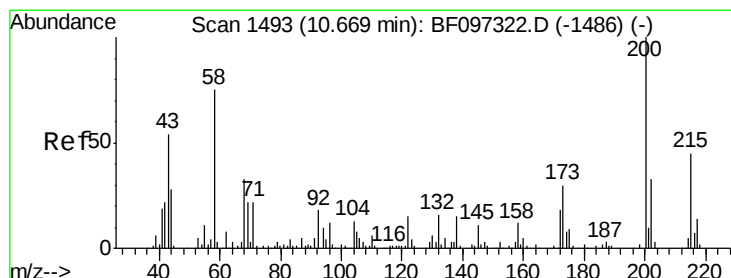
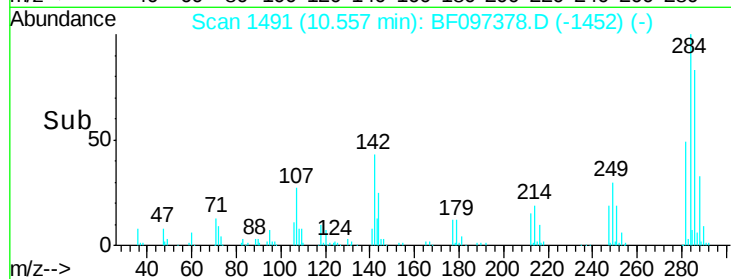
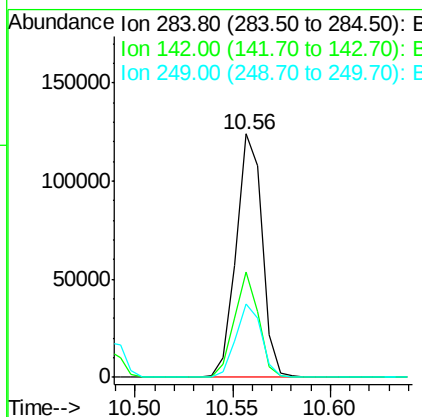
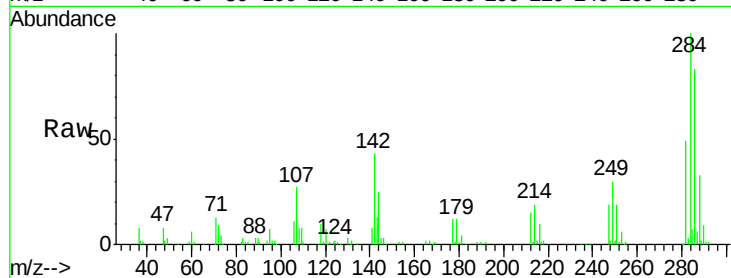




#67
Hexachlorobenzene
Concen: 40.45 ng
RT: 10.56 min Scan# 1491
Delta R.T. -0.07 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

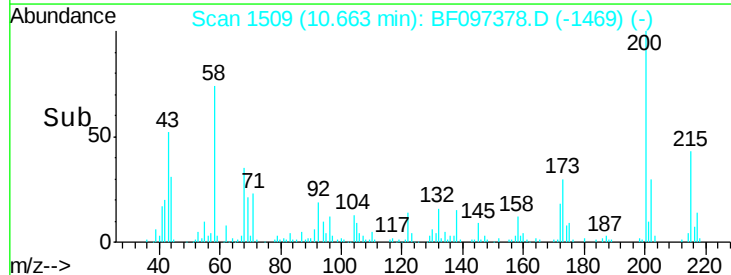
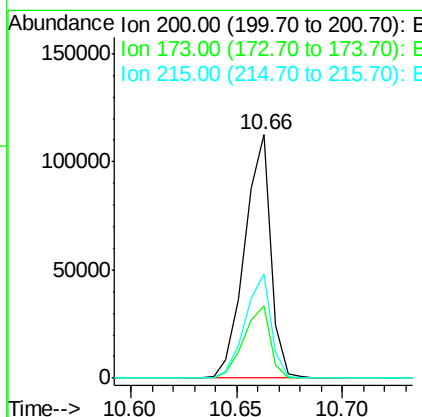
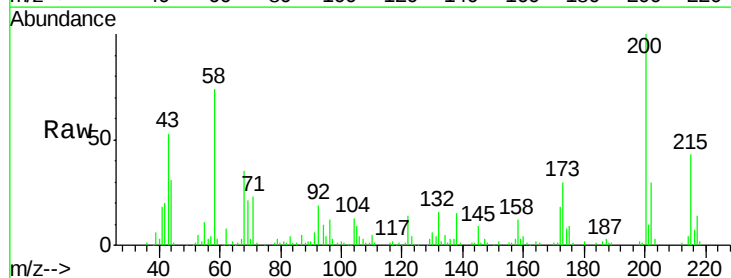
Instrument :
BNA_F
ClientSampleId :

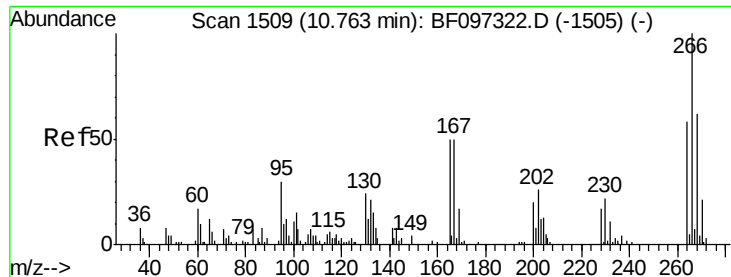
Tot Ion:284 Resp: 114841
Ion Ratio Lower Upper
284 100
142 43.4 22.8 34.2#
249 30.3 24.0 36.0



#68
Atrazine
Concen: 38.07 ng
RT: 10.66 min Scan# 1509
Delta R.T. -0.06 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion:200 Resp: 96343
Ion Ratio Lower Upper
200 100
173 29.8 6.3 46.3
215 42.8 27.2 67.2

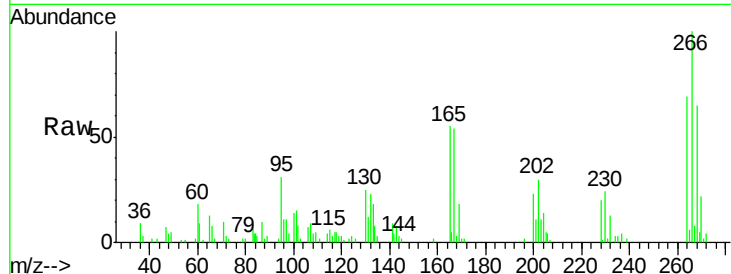




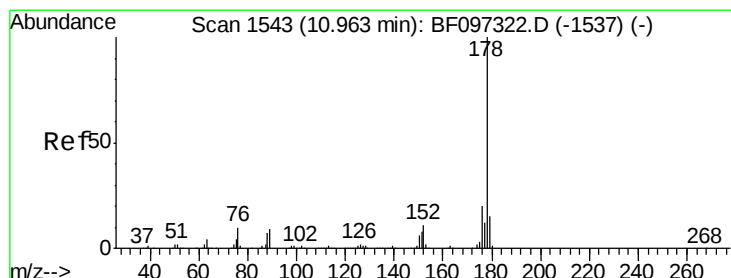
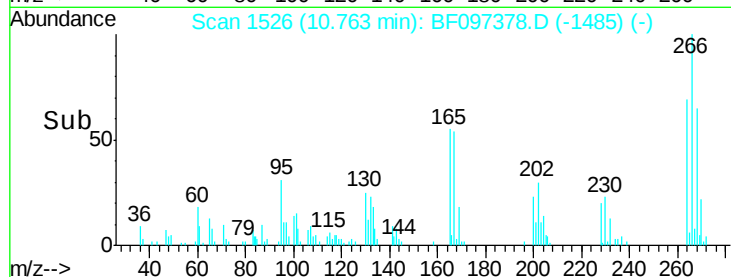
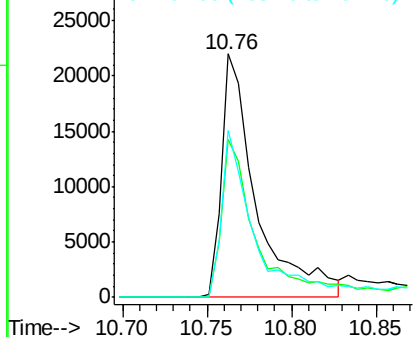
#69
 Pentachlorophenol
 Concen: 26.96 ng
 RT: 10.76 min Scan# 1526
 Delta R.T. -0.06 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 31669
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.1 76.7
 264 68.7 51.7 77.5

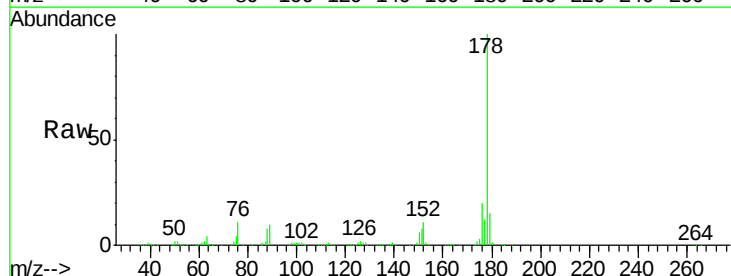


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

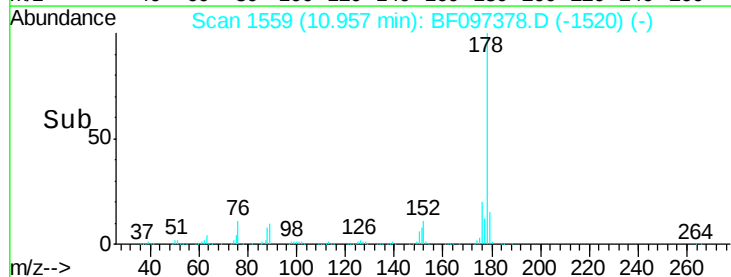
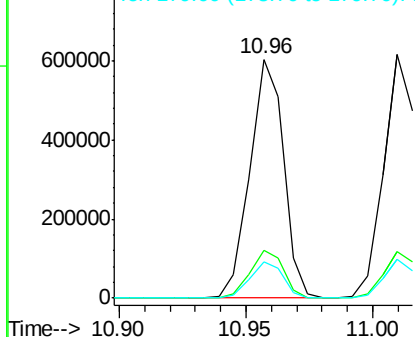


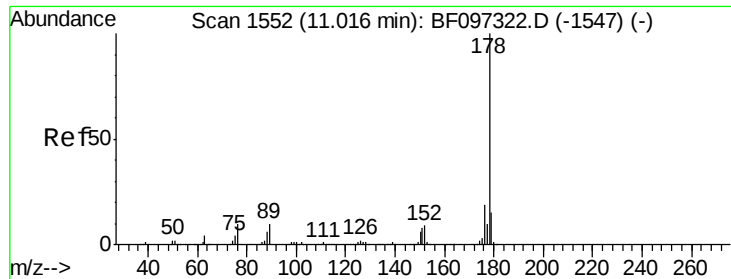
#70
 Phenanthrene
 Concen: 41.18 ng
 RT: 10.96 min Scan# 1559
 Delta R.T. -0.07 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Tgt Ion:178 Resp: 559751
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 15.3 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

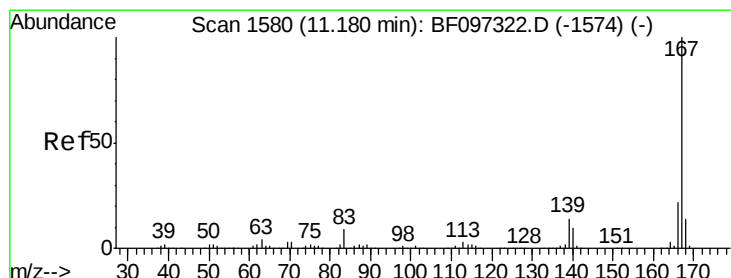
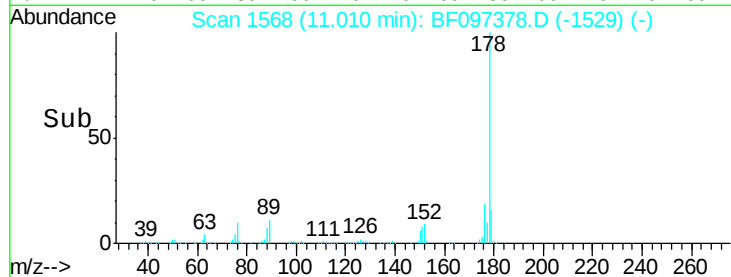
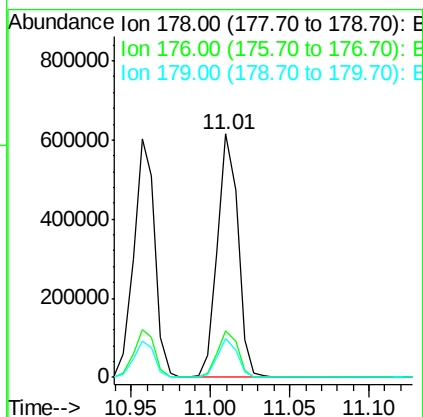
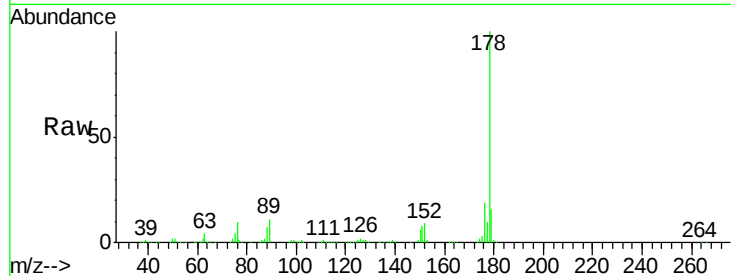




#71
 Anthracene
 Concen: 39.99 ng
 RT: 11.01 min Scan# 1568
 Delta R.T. -0.07 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

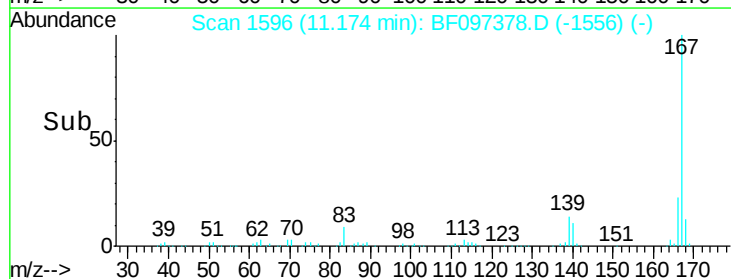
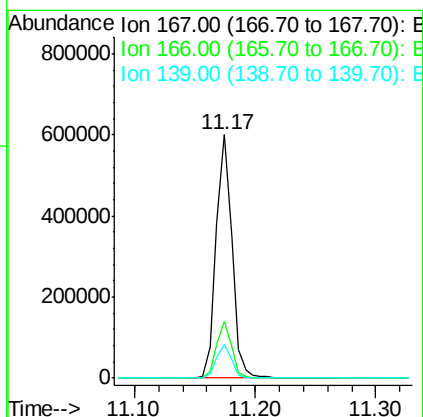
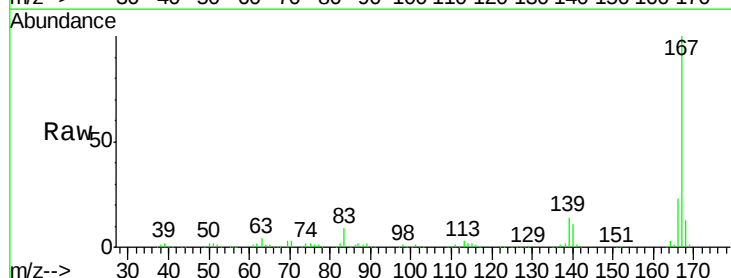
Instrument :
 BNA_F
 ClientSampleId :

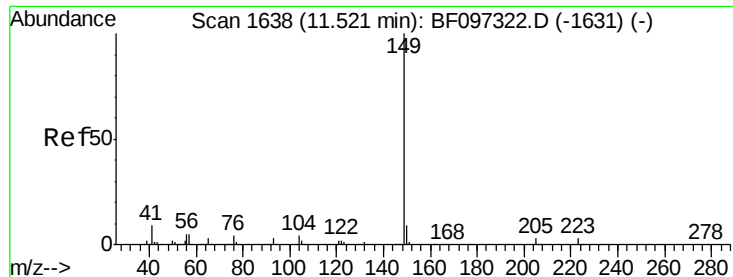
Tot Ion:178 Resp: 556700
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 39.35 ng
 RT: 11.17 min Scan# 1596
 Delta R.T. -0.06 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Tgt Ion:167 Resp: 538719
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.1 27.1
 139 14.0 11.7 17.5





#73

Di-n-butylphthalate

Concen: 41.77 ng

RT: 11.52 min Scan# 1654

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

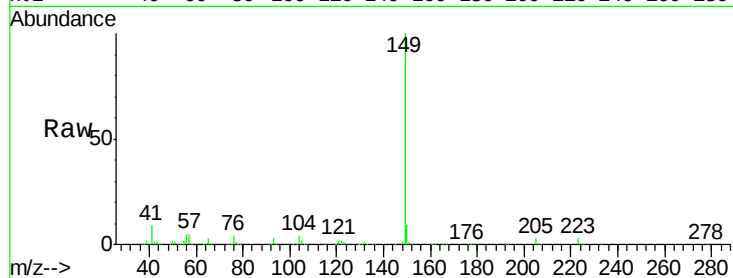
Tot Ion:149 Resp: 706843

Ion Ratio Lower Upper

149 100

150 8.9 7.7 11.5

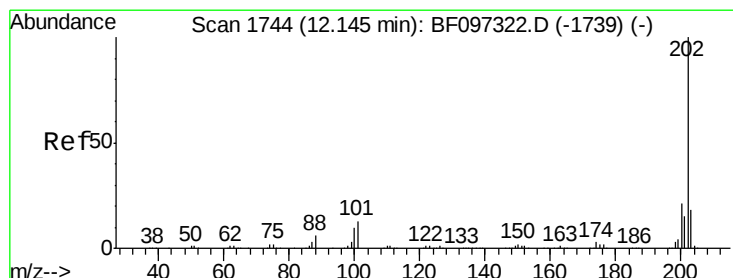
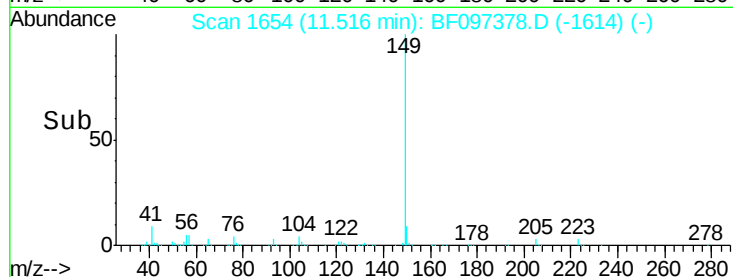
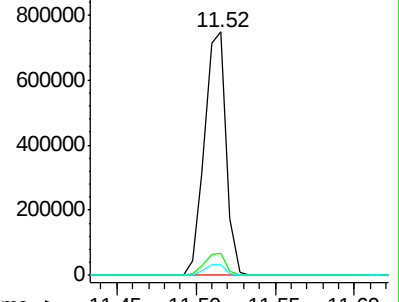
104 4.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.62 ng

RT: 12.14 min Scan# 1760

Delta R.T. -0.07 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

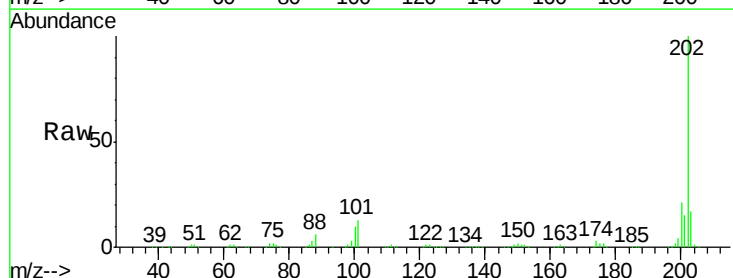
Tgt Ion:202 Resp: 500983

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.2

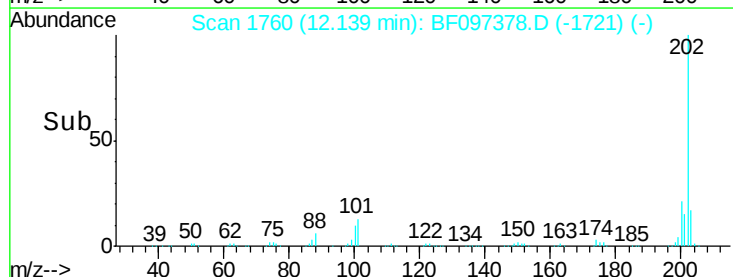
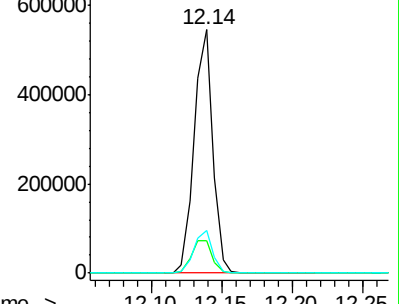
203 17.3 0.0 38.1

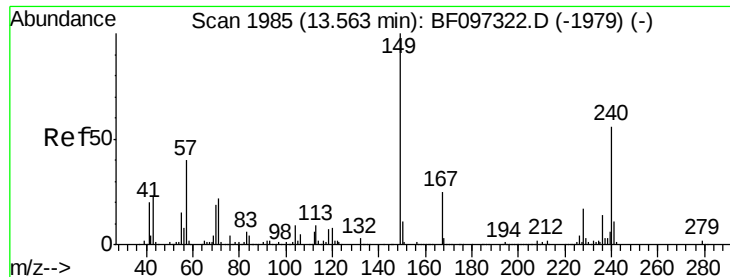


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.56 min Scan# 2001

Delta R.T. -0.07 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

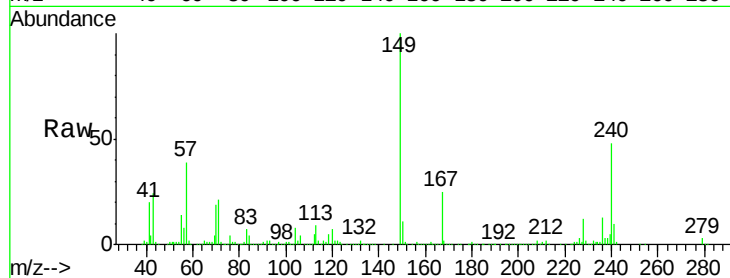
Tot Ion:240 Resp: 161722

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

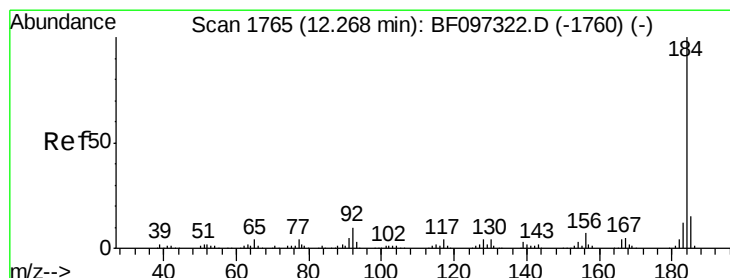
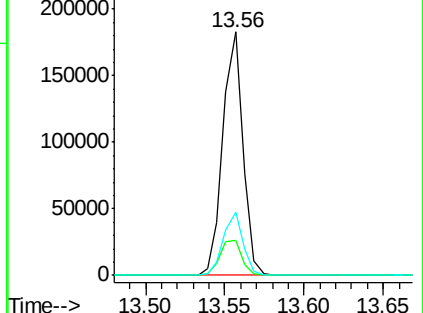
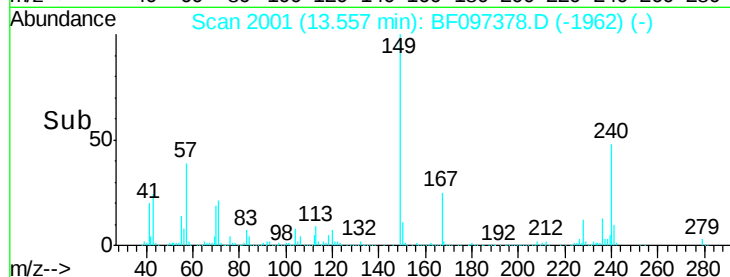
236 26.0 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.33 ng

RT: 12.27 min Scan# 1782

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

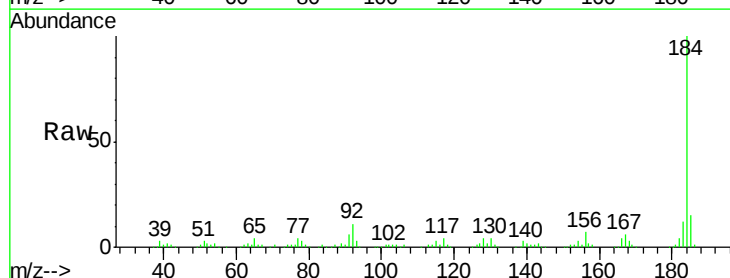
Tgt Ion:184 Resp: 247989

Ion Ratio Lower Upper

184 100

185 15.1 15.5 23.3#

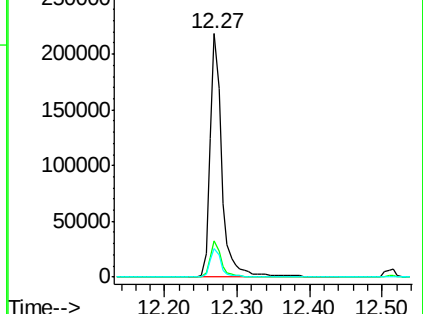
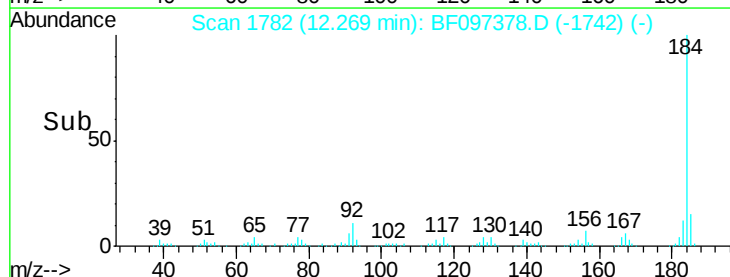
183 11.7 9.8 14.6

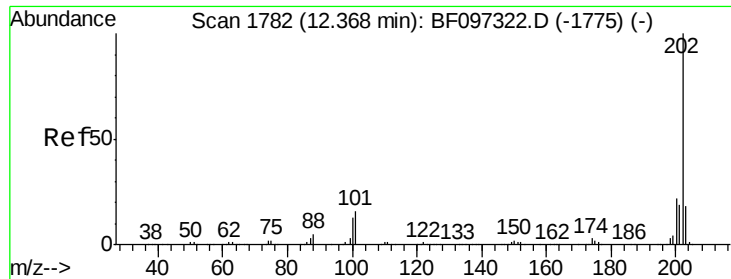


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

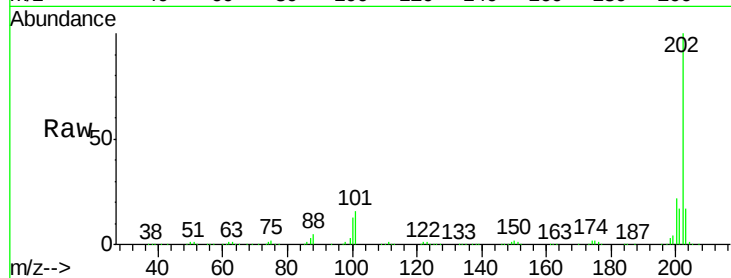




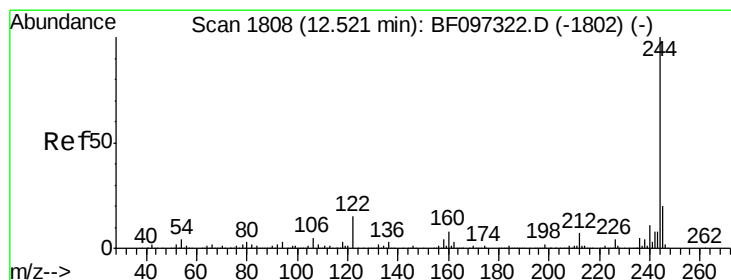
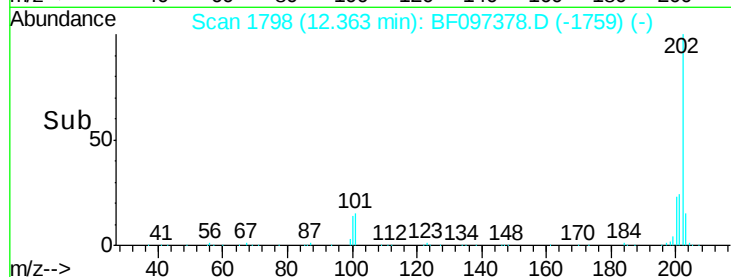
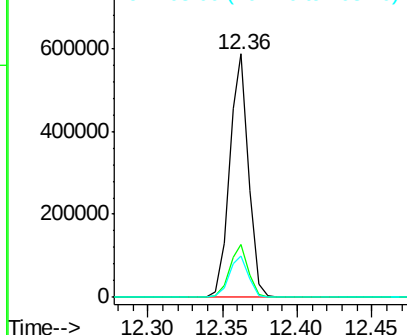
#77
Pvrene
Concen: 39.56 ng
RT: 12.36 min Scan# 1798
Delta R.T. -0.07 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	16.9	14.4	21.6

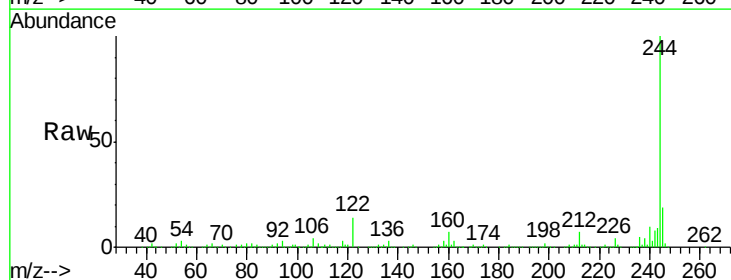


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

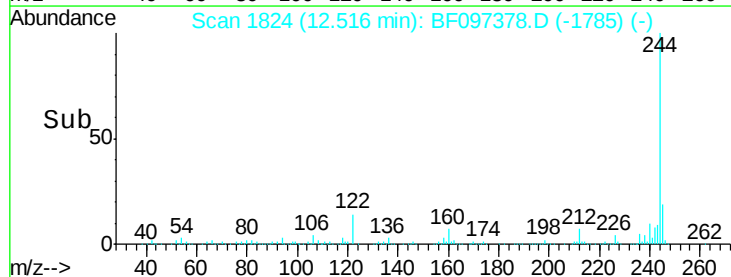
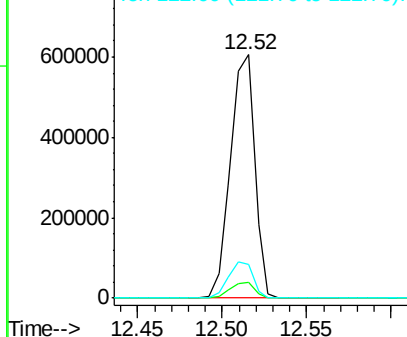


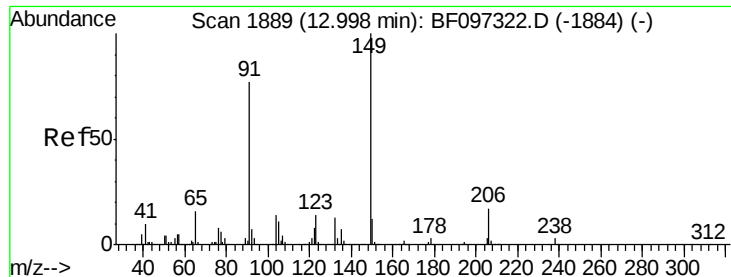
#78
Terphenyl-d14
Concen: 76.43 ng
RT: 12.52 min Scan# 1824
Delta R.T. -0.07 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.1	10.3	15.5



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

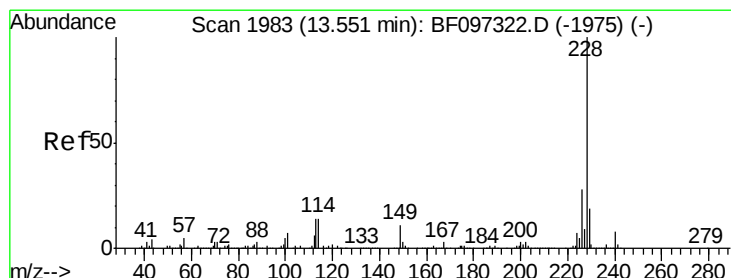
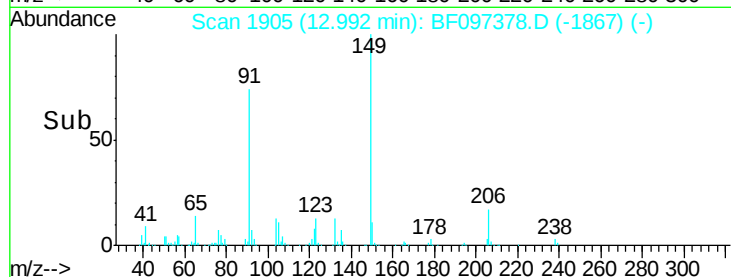
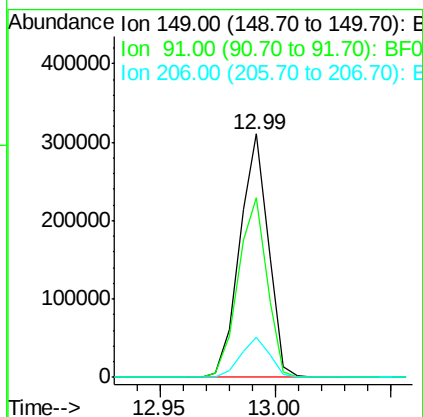
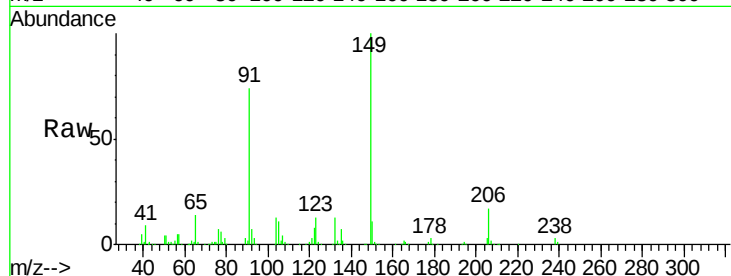




#79
Butylbenzylphthalate
Concen: 39.77 ng
RT: 12.99 min Scan# 1905
Delta R.T. -0.08 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

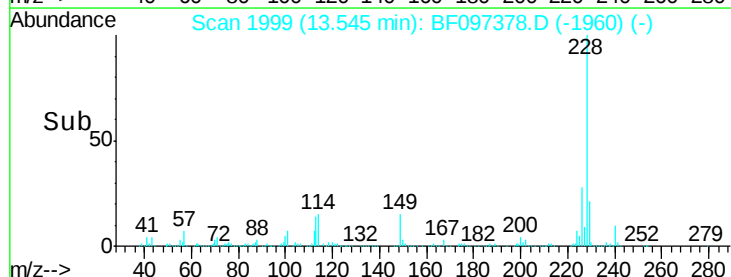
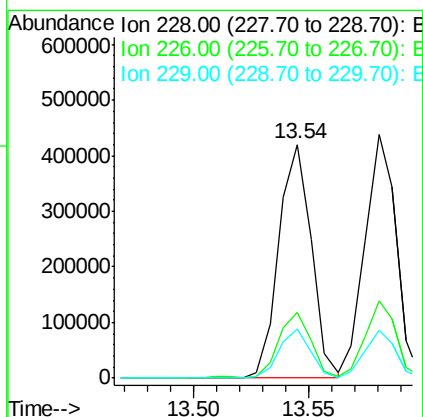
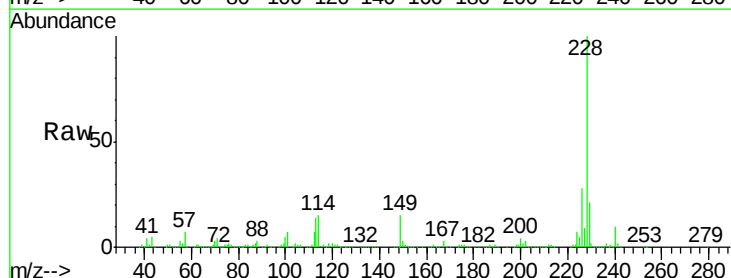
Instrument :
BNA_F
ClientSampleId :

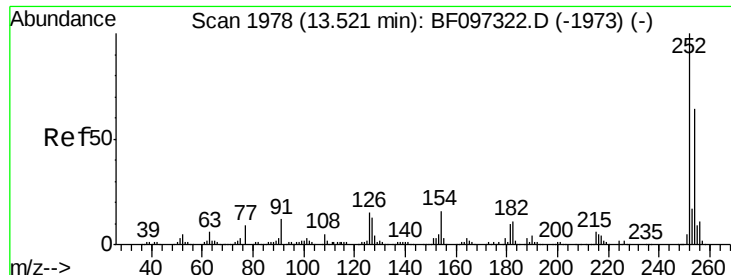
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.7	45.0	67.4#
206	16.7	17.0	25.6#



#80
Benzo(a)anthracene
Concen: 38.99 ng
RT: 13.54 min Scan# 1999
Delta R.T. -0.07 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.8	16.3	24.5

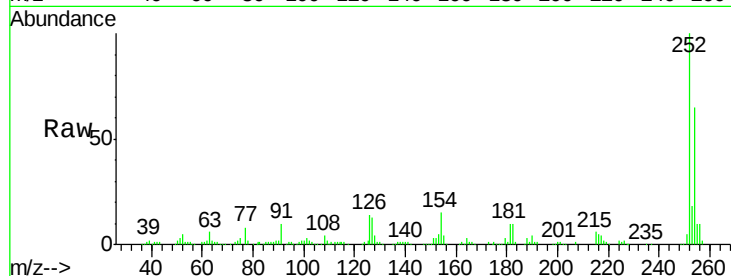




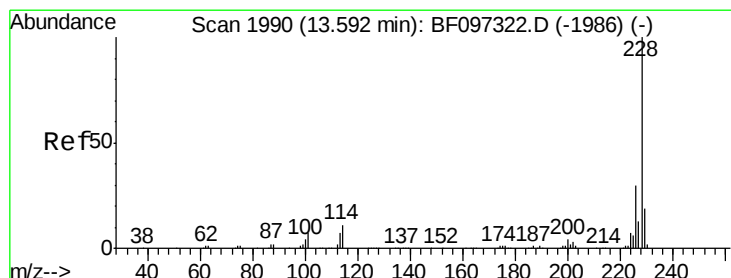
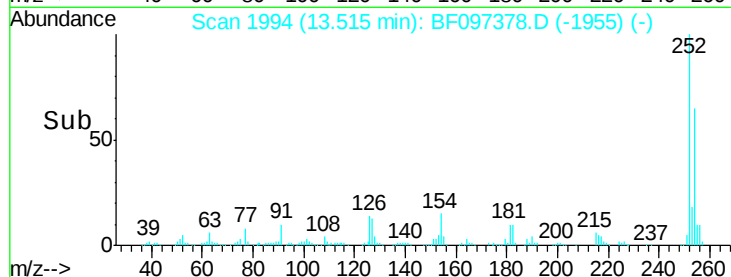
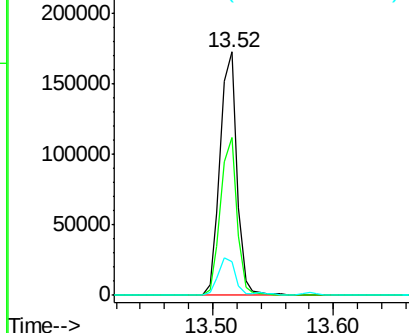
#81
 3,3'-Dichlorobenzidine
 Concen: 42.34 ng
 RT: 13.52 min Scan# 1994
 Delta R.T. -0.07 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.5	77.3
126	13.7	15.8	23.8#

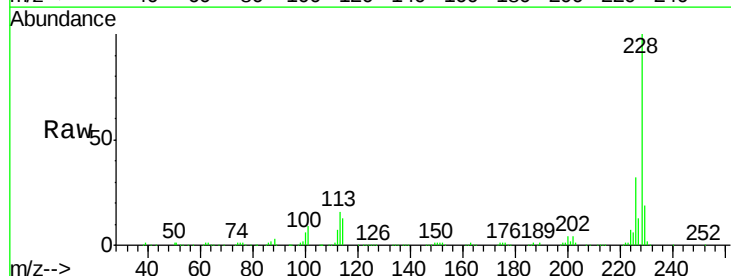


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

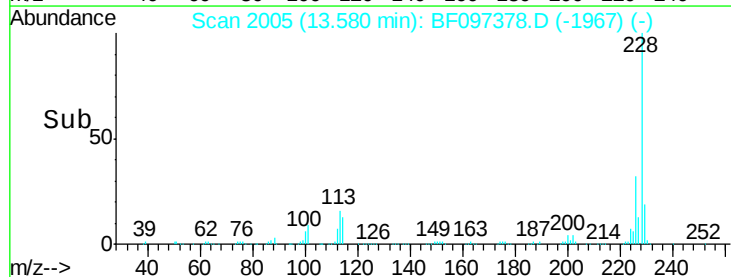
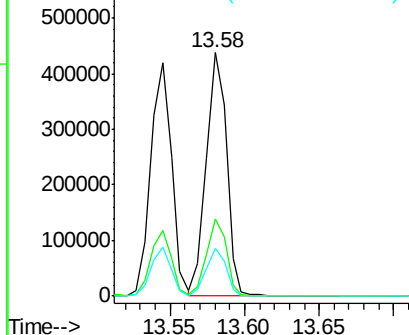


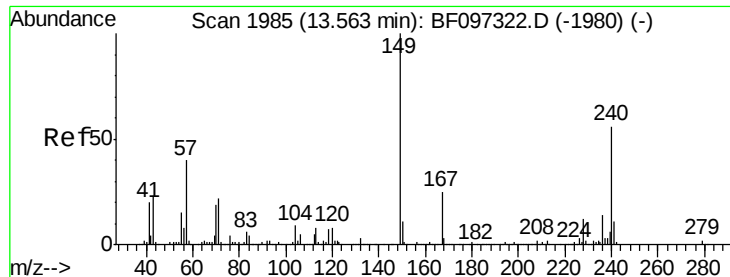
#82
 Chrysene
 Concen: 40.50 ng
 RT: 13.58 min Scan# 2005
 Delta R.T. -0.08 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	19.4	15.8	23.6



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

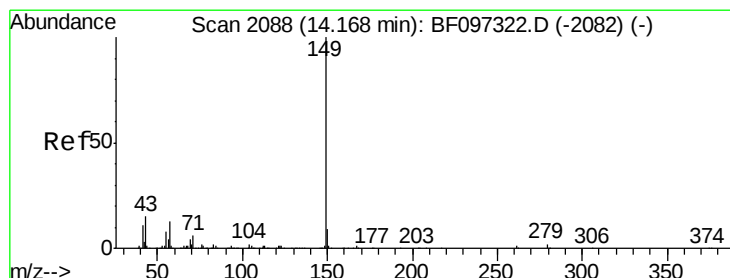
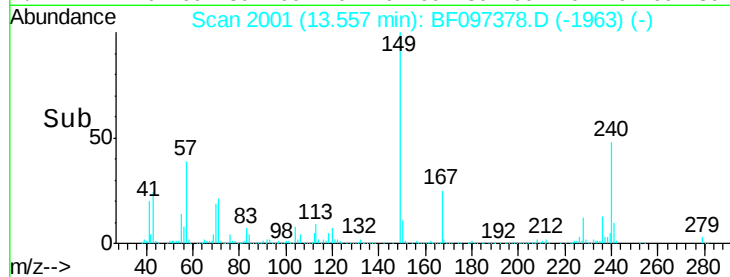
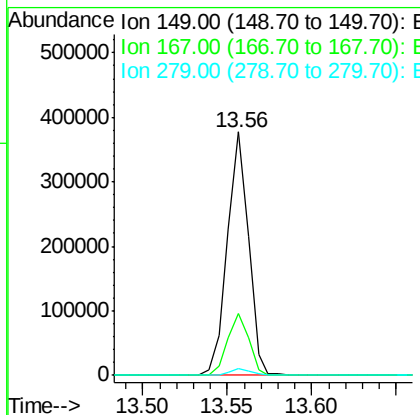
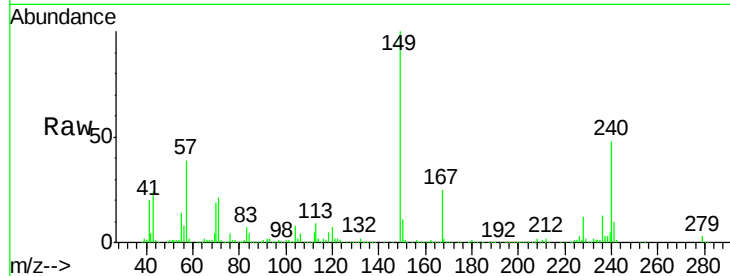




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.36 ng
 RT: 13.56 min Scan# 2001
 Delta R.T. -0.08 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

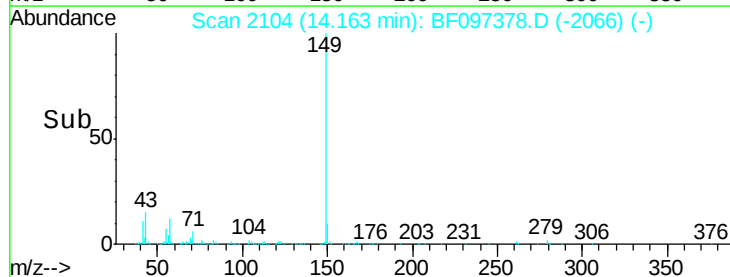
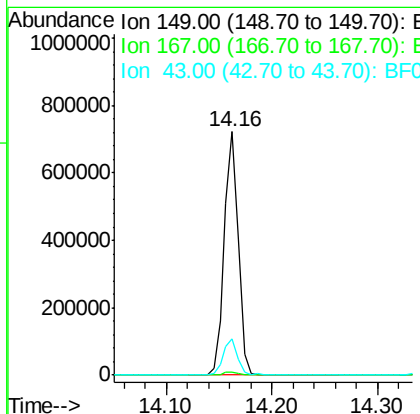
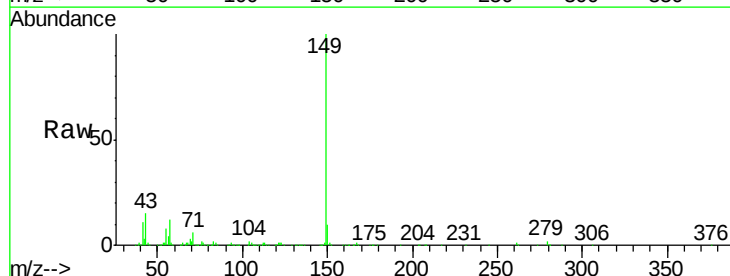
Instrument :
 BNA_F
 ClientSampleId :

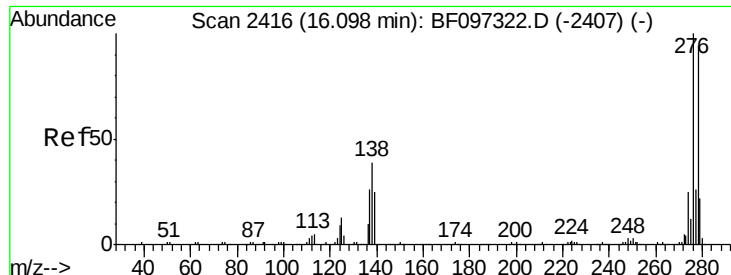
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.0	31.4
279	2.6	1.9	2.9



#84
 Di-n-octyl phthalate
 Concen: 41.48 ng
 RT: 14.16 min Scan# 2104
 Delta R.T. -0.08 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	15.1	8.5	12.7#

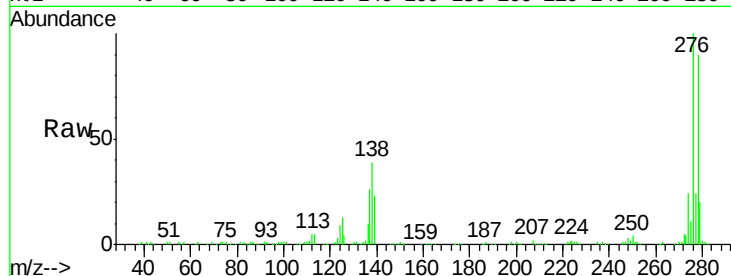




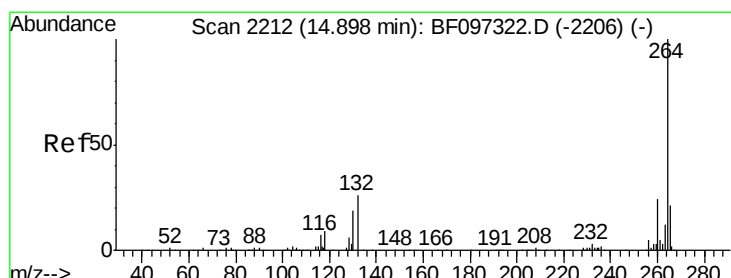
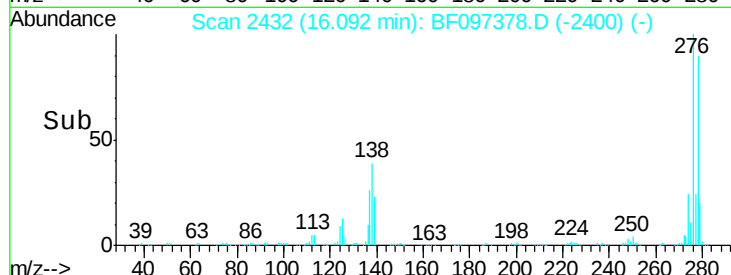
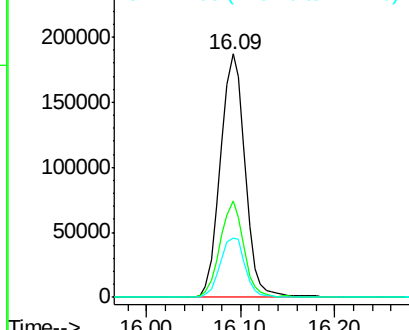
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.35 ng
 RT: 16.09 min Scan# 2432
 Delta R.T. -0.11 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	37.5	27.8	41.6
277	24.9	20.2	30.4

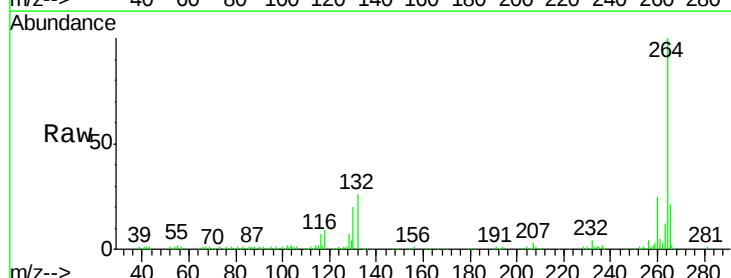


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

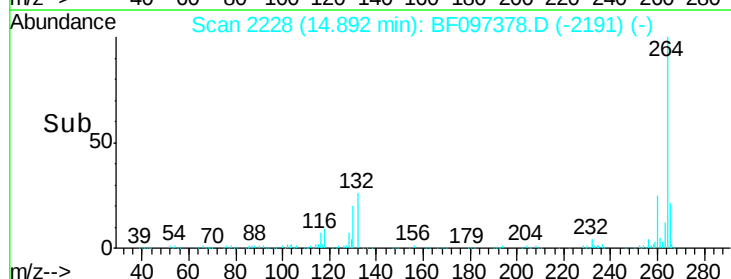
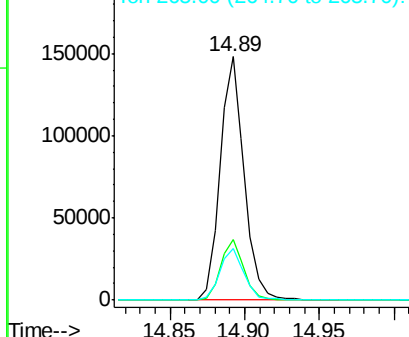


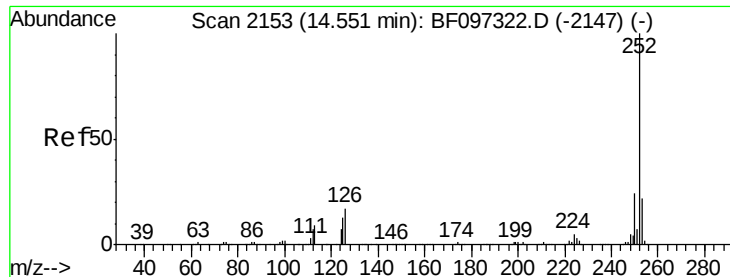
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.89 min Scan# 2228
 Delta R.T. -0.08 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	21.2	17.2	25.8



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

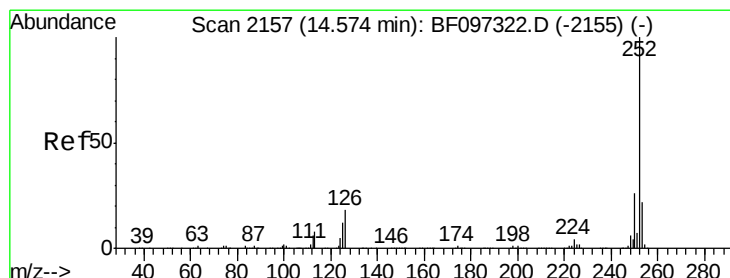
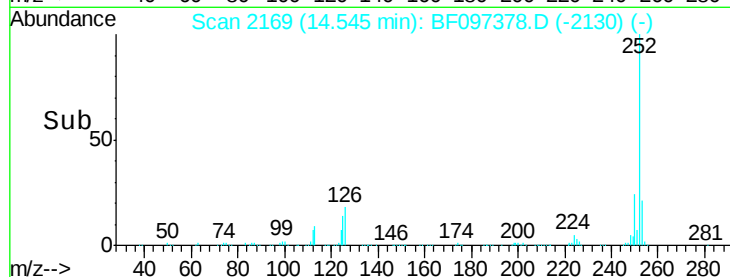
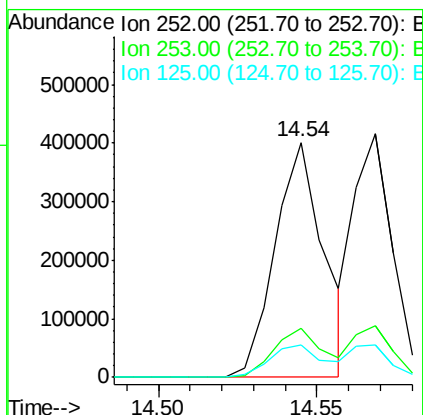
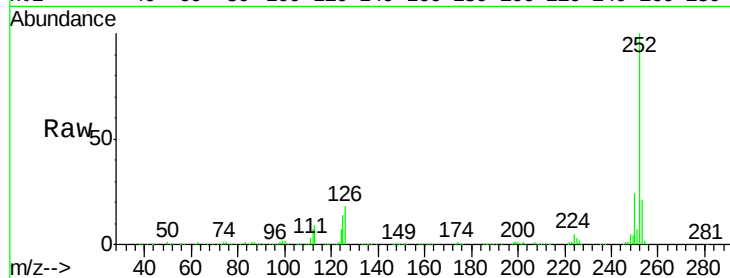




#87
Benzo(b)fluoranthene
Concen: 42.71 ng
RT: 14.54 min Scan# 2169
Delta R.T. -0.07 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

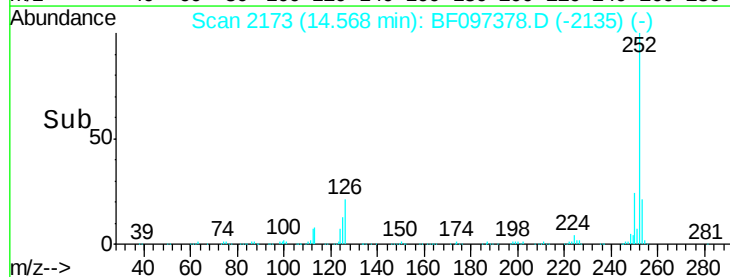
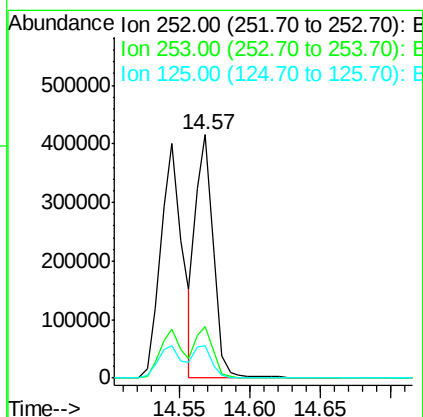
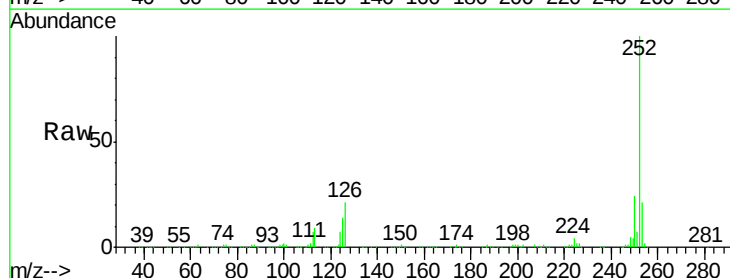
Instrument :
BNA_F
ClientSampleId :

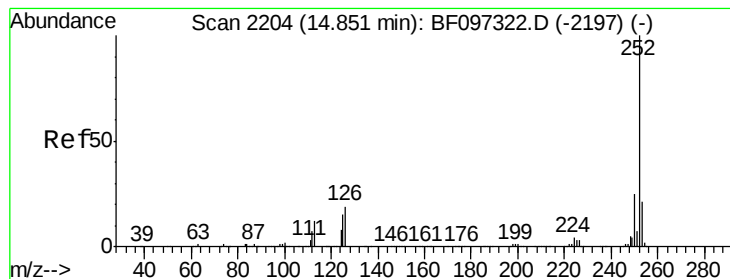
Tot Ion:252 Resp: 429103
Ion Ratio Lower Upper
252 100
253 20.8 18.1 27.1
125 14.0 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 37.57 ng
RT: 14.57 min Scan# 2173
Delta R.T. -0.08 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion:252 Resp: 359662
Ion Ratio Lower Upper
252 100
253 21.3 18.4 27.6
125 13.6 13.1 19.7





#89

Benzo(a)pyrene

Concen: 40.98 ng

RT: 14.84 min Scan# 2220

Delta R.T. -0.08 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampled :

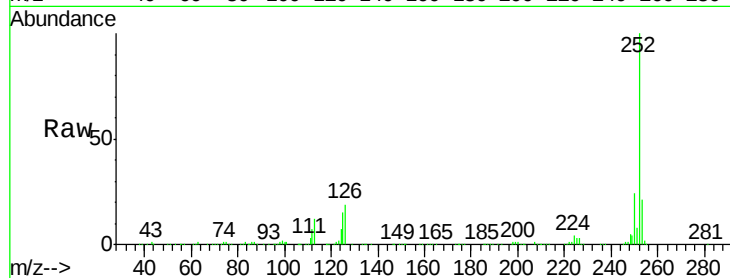
Tot Ion:252 Resp: 376812

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

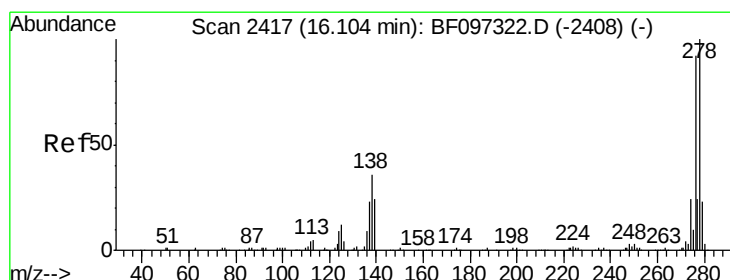
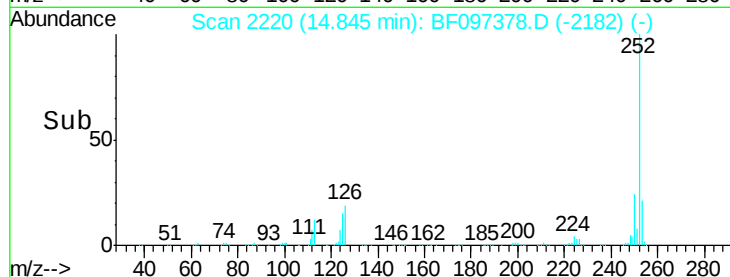
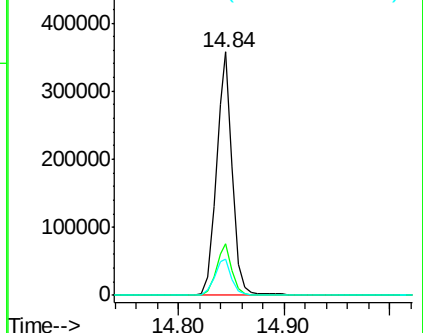
125 14.8 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.44 ng

RT: 16.10 min Scan# 2433

Delta R.T. -0.12 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

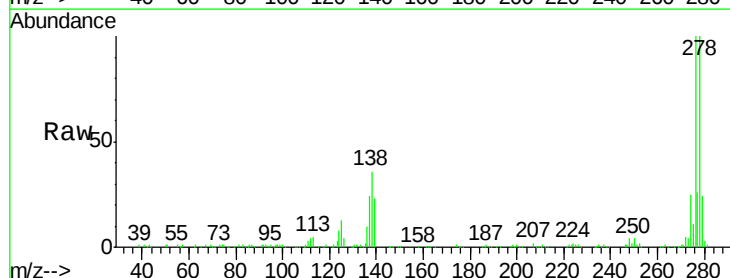
Tgt Ion:278 Resp: 289855

Ion Ratio Lower Upper

278 100

139 22.9 16.6 24.8

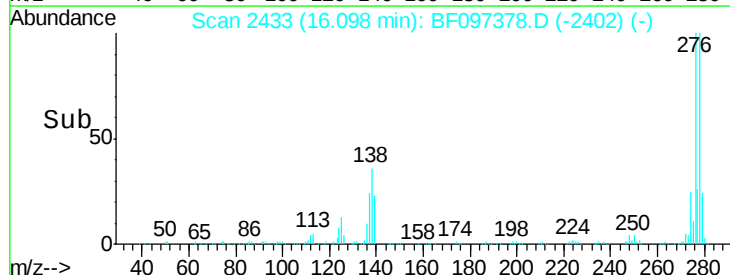
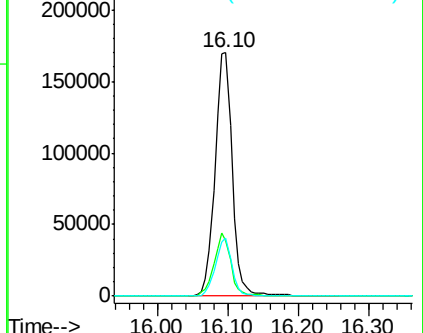
279 23.8 19.3 28.9

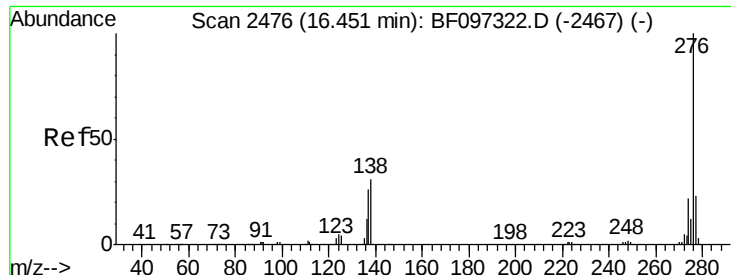


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 35.85 ng

RT: 16.44 min Scan# 2492

Delta R.T. -0.12 min

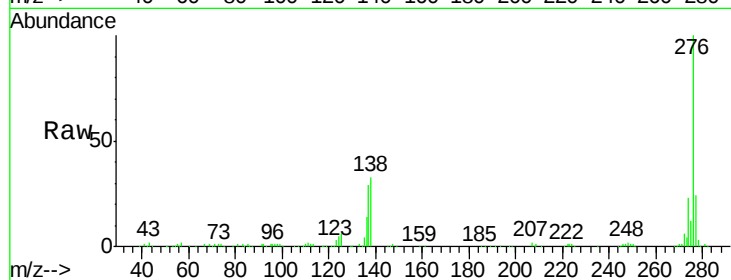
Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :



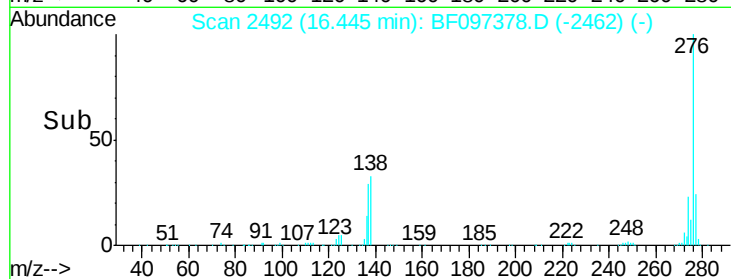
Tot Ion: 276 Resp: 283491

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 33.1 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

