

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080517\
 Data File : BF097420.D
 Acq On : 6 Aug 2017 5:12
 Operator : SJ/JU
 Sample : I4601-01MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMPMSD

Quant Time: Aug 06 07:53:44 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	6.43	152	77026	20.00	ng	-0.07
21) Naphthalene-d8	7.71	136	298709	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	96752	20.00	ng	-0.08
63) Phenanthrene-d10	10.92	188	176226	20.00	ng	-0.08
75) Chrysene-d12	13.55	240	131367	20.00	ng	-0.08
86) Perylene-d12	14.89	264	96339	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.03	112	267410	52.34	ng	-0.07
7) Phenol-d6	6.10	99	587187	100.66	ng	-0.06
23) Nitrobenzene-d5	7.00	82	380375	74.70	ng	-0.08
41) 2,4,6-Tribromophenol	10.24	330	21527	28.16	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	539372	94.61	ng	-0.08
78) Terphenyl-d14	12.50	244	429892	66.72	ng	-0.08

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	84851	39.79	ng	# 75
3) Pyridine	2.54	79	240778	36.88	ng	# 62
4) n-Nitrosodimethylamine	2.50	42	145339	40.18	ng	82
6) Aniline	6.09	93	216037	29.43	ng	98
8) 2-Chlorophenol	6.22	128	151005	27.64	ng	94
9) Benzaldehyde	5.97	77	109818	31.81	ng	97
10) Phenol	6.12	94	239699	34.64	ng	95
11) bis(2-Chloroethyl)ether	6.17	93	215103	39.31	ng	88
12) 1,3-Dichlorobenzene	6.36	146	223536	37.97	ng	97
13) 1,4-Dichlorobenzene	6.45	146	223651	38.33	ng	96
14) 1,2-Dichlorobenzene	6.60	146	189567	37.21	ng	96
15) Benzyl Alcohol	6.59	79	152172	41.20	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.72	45	390010	35.53	ng	85
17) 2-Methylphenol	6.72	107	146301	34.70	ng	# 87
18) Hexachloroethane	6.93	117	54302	25.44	ng	# 86
19) n-Nitroso-di-n-propylamine	6.86	70	139018	36.21	ng	# 82
20) 3+4-Methylphenols	6.88	107	195703	35.54	ng	# 61
22) Acetophenone	6.85	105	266878	37.20	ng	# 97
24) Nitrobenzene	7.02	77	186768	35.22	ng	95
25) Isophorone	7.26	82	319446	32.03	ng	97
26) 2-Nitrophenol	7.34	139	27478	9.58	ng	# 91
27) 2,4-Dimethylphenol	7.40	122	160302	33.87	ng	97
28) bis(2-Chloroethoxy)methane	7.47	93	216519	33.27	ng	99
29) 2,4-Dichlorophenol	7.60	162	82013	20.12	ng	96
30) 1,2,4-Trichlorobenzene	7.66	180	134024	34.49	ng	98
31) Naphthalene	7.73	128	557062	39.56	ng	100
32) Benzoic acid	7.40	122	160302	45.36	ng	# 12
33) 4-Chloroaniline	7.80	127	183095	31.96	ng	96
34) Hexachlorobutadiene	7.85	225	79679	38.67	ng	95
35) Caprolactam	8.14	113	45299	34.65	ng	# 44
36) 4-Chloro-3-methylphenol	8.30	107	139944	31.46	ng	# 84
37) 2-Methylnaphthalene	8.42	142	318629	35.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.59	216	110661	42.87	ng	98
40) Hexachlorocyclopentadiene	8.57	237	131	6.72	ng	# 27

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.72	196	8176	4.37	ng	99
43) 2,4,5-Trichlorophenol	8.78	196	20484	10.94	ng #	88
45) 1,1'-Biphenyl	8.89	154	354595	42.91	ng	97
46) 2-Chloronaphthalene	8.90	162	251663	41.38	ng	94
47) 2-Nitroaniline	9.02	65	99485	45.08	ng	95
48) Acenaphthylene	9.31	152	375144	40.19	ng	98
49) Dimethylphthalate	9.19	163	367965	50.08	ng	98
50) 2,6-Dinitrotoluene	9.26	165	54848	35.20	ng #	80
51) Acenaphthene	9.49	154	214760	39.06	ng	96
52) 3-Nitroaniline	9.43	138	85082	43.99	ng	90
54) Dibenzofuran	9.66	168	323784	44.21	ng	99
55) 4-Nitrophenol	9.66	139	123601	107.46	ng #	27
56) 2,4-Dinitrotoluene	9.67	165	62264	34.76	ng #	82
57) Fluorene	10.00	166	232263	42.20	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.76	232	2657	2.06	ng #	33
59) Diethylphthalate	9.89	149	268460	39.83	ng	99
60) 4-Chlorophenyl-phenylether	9.99	204	97628	42.95	ng	95
61) 4-Nitroaniline	10.03	138	85370	46.45	ng	91
62) Azobenzene	10.15	77	244495	39.10	ng	93
65) n-Nitrosodiphenylamine	10.12	169	215811	35.20	ng	99
66) 4-Bromophenyl-phenylether	10.47	248	60901	34.63	ng	93
67) Hexachlorobenzene	10.55	284	66600	33.77	ng	94
68) Atrazine	10.65	200	62221	35.39	ng	94
70) Phenanthrene	10.95	178	391463	41.46	ng	98
71) Anthracene	11.00	178	405175	41.90	ng	99
72) Carbazole	11.16	167	400095	42.07	ng	100
73) Di-n-butylphthalate	11.50	149	426205	36.25	ng	98
74) Fluoranthene	12.13	202	423704	45.81	ng	97
76) Benzidine	12.26	184	266431	54.66	ng #	92
77) Pyrene	12.35	202	415659	38.65	ng	98
79) Butylbenzylphthalate	12.99	149	210237	38.43	ng #	84
80) Benzo(a)anthracene	13.54	228	322014	37.88	ng	99
81) 3,3'-Dichlorobenzidine	13.50	252	115070	35.90	ng #	95
82) Chrysene	13.57	228	306933	36.98	ng	99
83) Bis(2-ethylhexyl)phthalate	13.55	149	274443	38.42	ng	99
84) Di-n-octyl phthalate	14.16	149	483142	36.86	ng #	93
85) Indeno(1,2,3-cd)pyrene	16.09	276	205525	28.88	ng	99
87) Benzo(b)fluoranthene	14.54	252	269471	46.53	ng	97
88) Benzo(k)fluoranthene	14.56	252	219667	39.81	ng #	94
89) Benzo(a)pyrene	14.84	252	211345	39.87	ng	99
90) Dibenzo(a,h)anthracene	16.09	278	171959	39.56	ng	96
91) Benzo(g,h,i)perylene	16.44	276	173839	38.14	ng	98

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

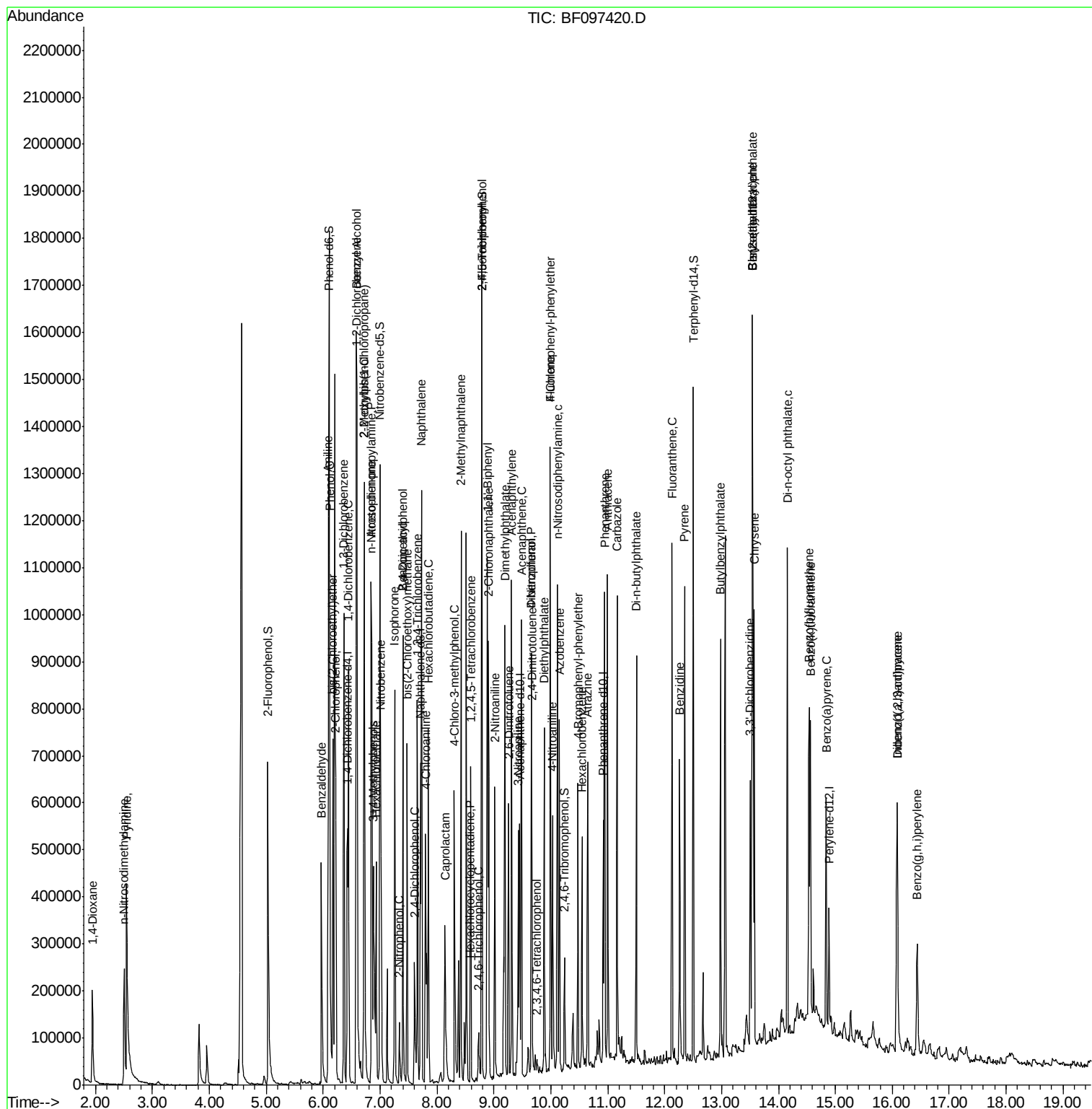
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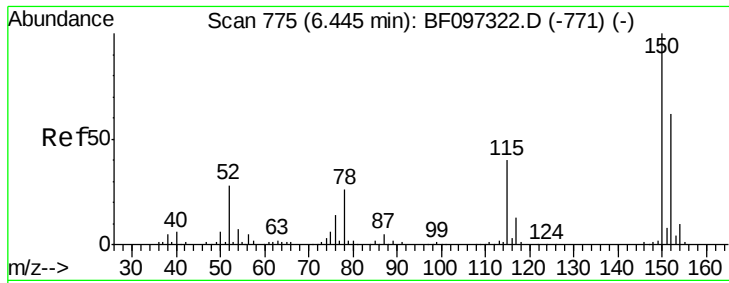
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080517\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.43 min Scan# 789

Delta R.T. -0.07 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMSD

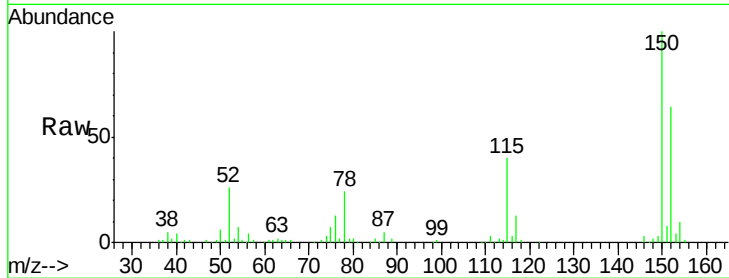
Tgt Ion:152 Resp: 77026

Ion Ratio Lower Upper

152 100

150 157.4 126.2 189.2

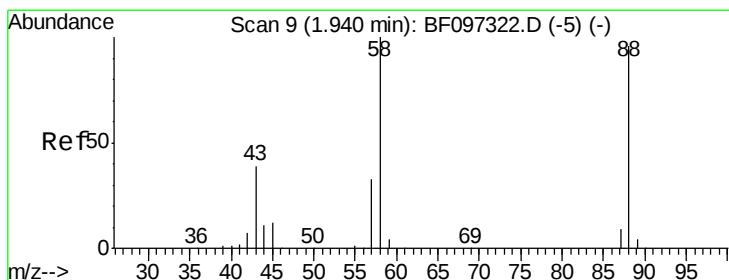
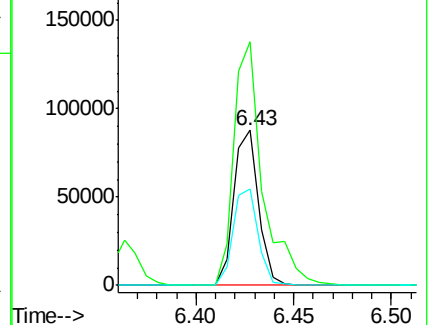
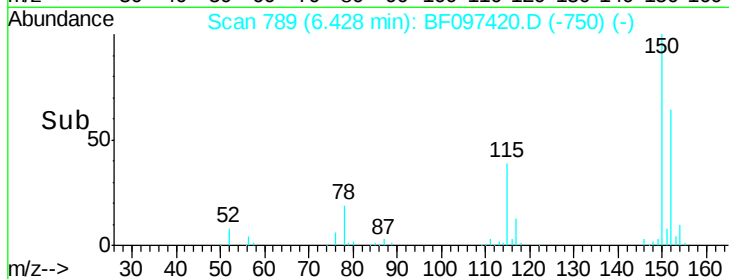
115 62.3 52.2 78.2



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: 39.79 ng

RT: 1.95 min Scan# 27

Delta R.T. -0.10 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

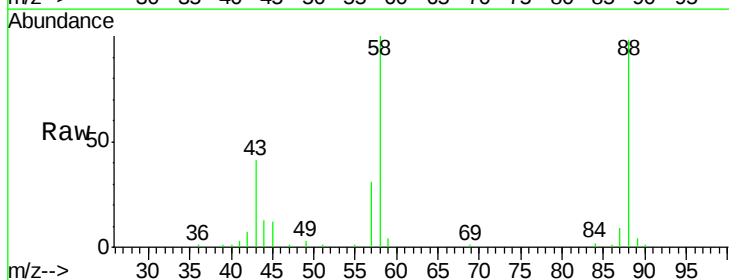
Tgt Ion: 88 Resp: 84851

Ion Ratio Lower Upper

88 100

58 101.1 61.4 92.0#

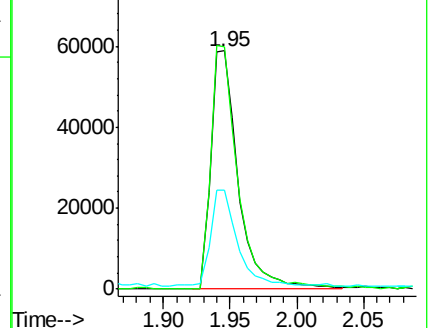
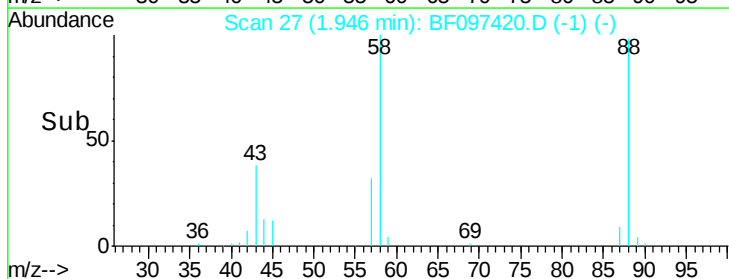
43 38.6 23.4 35.0#

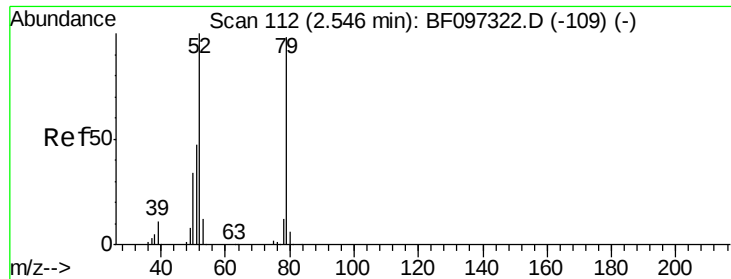


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.88 ng

RT: 2.54 min Scan# 128

Delta R.T. -0.12 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

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ClientSampleId :

352-338-351-COMPMSD

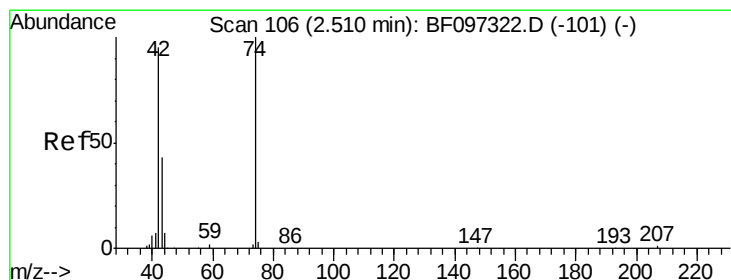
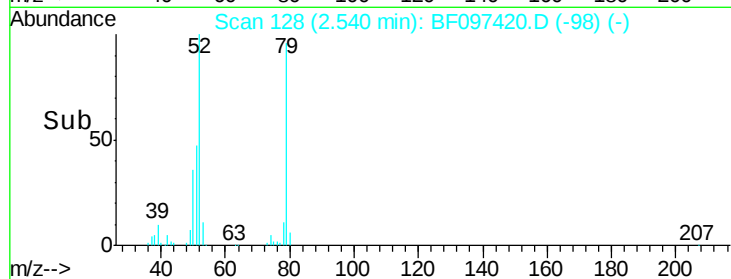
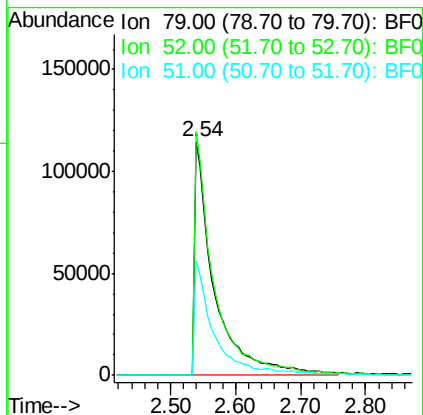
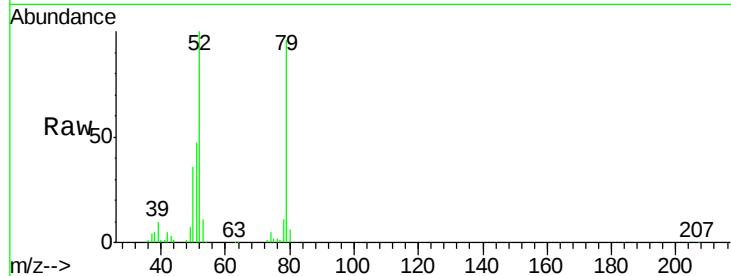
Tgt Ion: 79 Resp: 240778

Ion Ratio Lower Upper

79 100

52 104.2 54.8 82.2#

51 48.7 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 40.18 ng

RT: 2.50 min Scan# 122

Delta R.T. -0.12 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

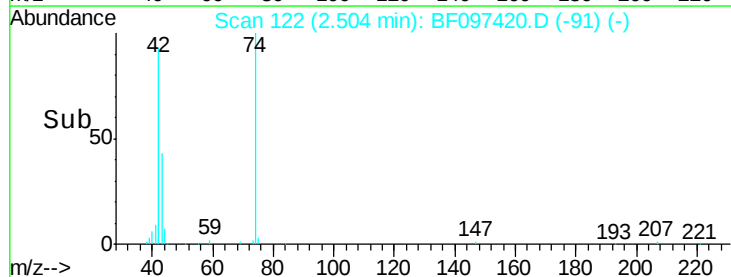
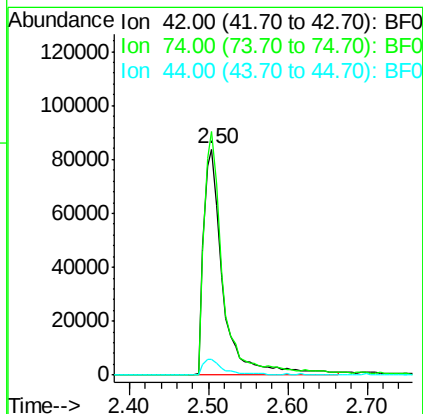
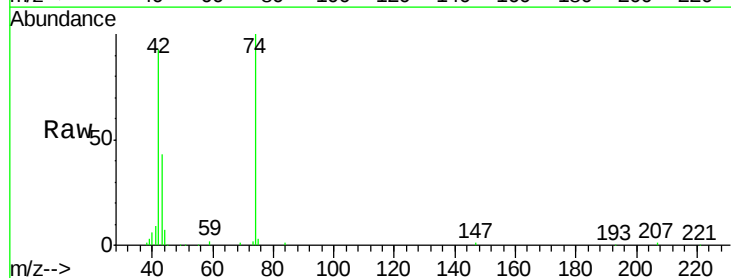
Tgt Ion: 42 Resp: 145339

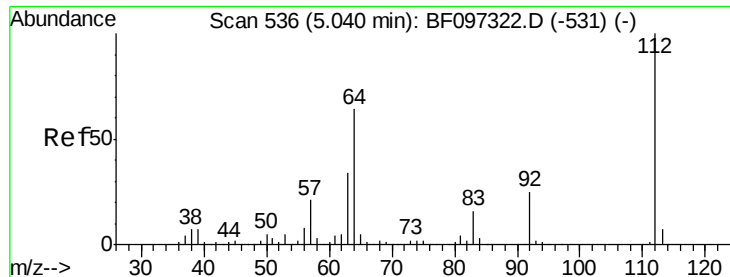
Ion Ratio Lower Upper

42 100

74 107.6 103.9 155.9

44 7.2 5.7 8.5





#5

2-Fluorophenol

Concen: 52.34 ng

RT: 5.03 min Scan# 551

Delta R.T. -0.07 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

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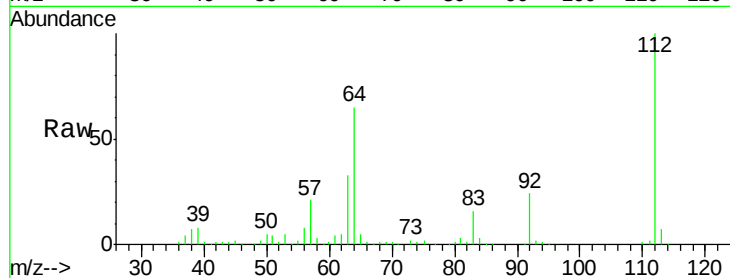
Tgt Ion: 112 Resp: 267410

Ion Ratio Lower Upper

112 100

64 65.4 46.0 69.0

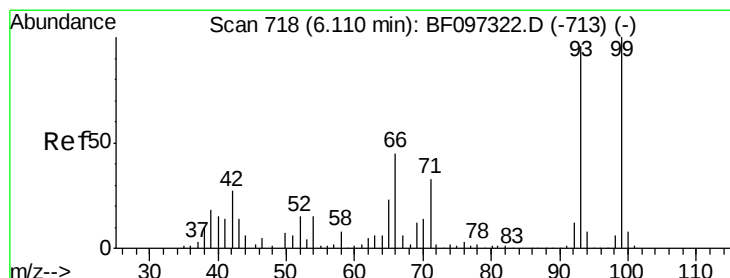
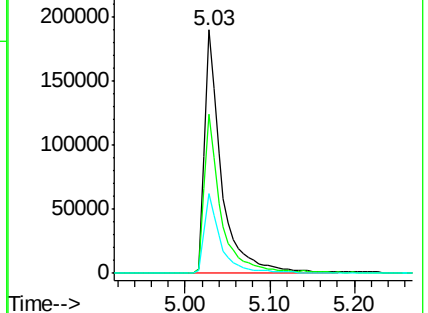
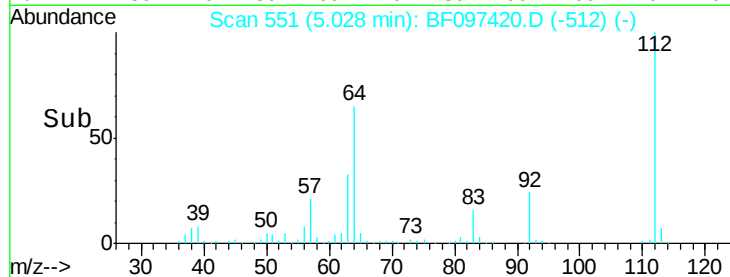
63 33.0 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.43 ng

RT: 6.09 min Scan# 731

Delta R.T. -0.08 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

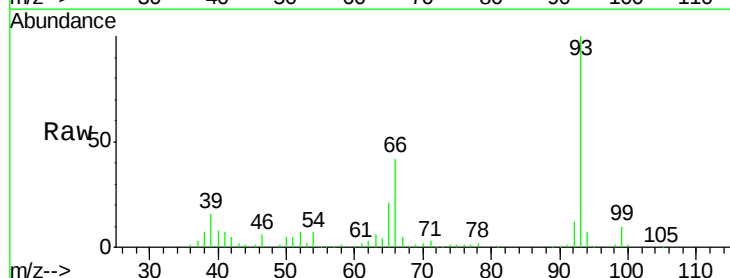
Tgt Ion: 93 Resp: 216037

Ion Ratio Lower Upper

93 100

66 42.4 32.9 49.3

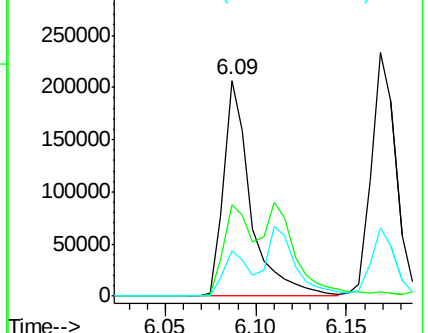
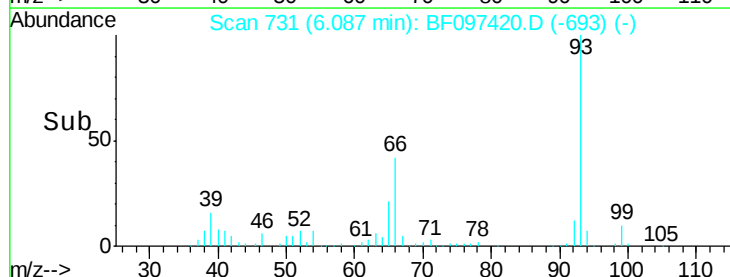
65 20.9 16.0 24.0

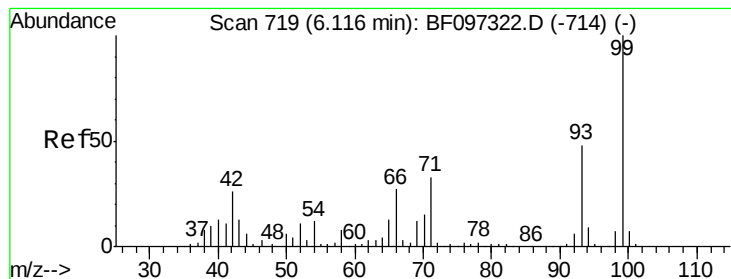


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 100.66 ng

RT: 6.10 min Scan# 734

Delta R.T. -0.06 min

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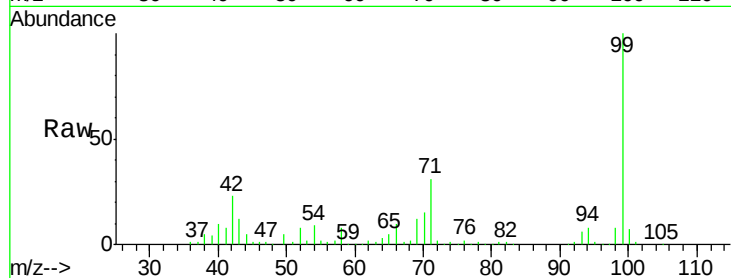
Tgt Ion: 99 Resp: 587187

Ion Ratio Lower Upper

99 100

42 22.8 13.5 20.3#

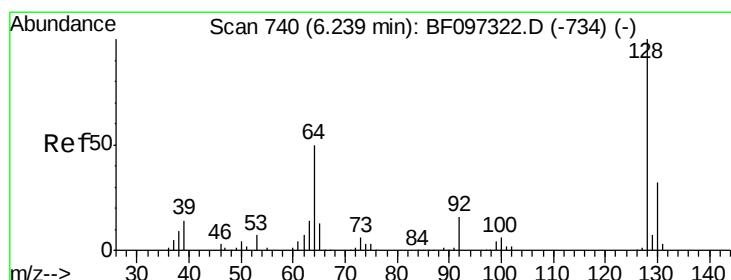
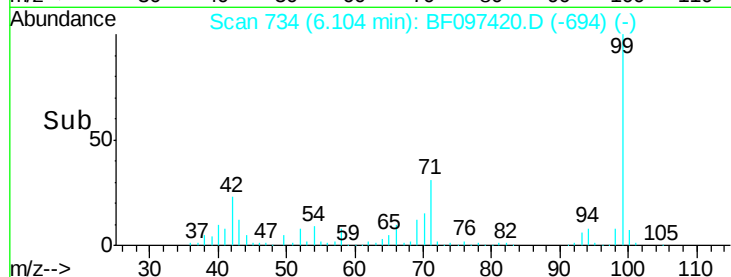
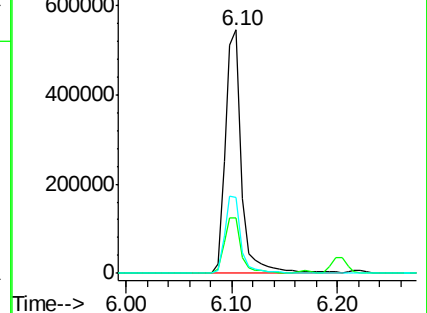
71 31.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 27.64 ng

RT: 6.22 min Scan# 754

Delta R.T. -0.07 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

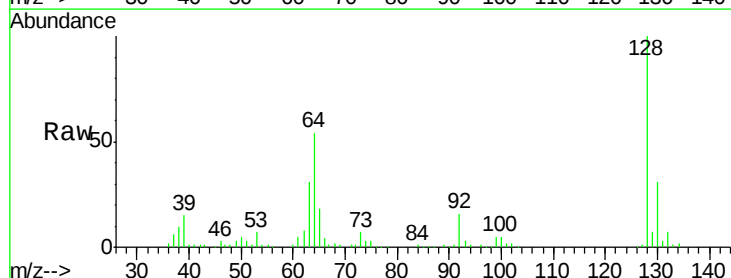
Tgt Ion: 128 Resp: 151005

Ion Ratio Lower Upper

128 100

130 31.5 12.9 52.9

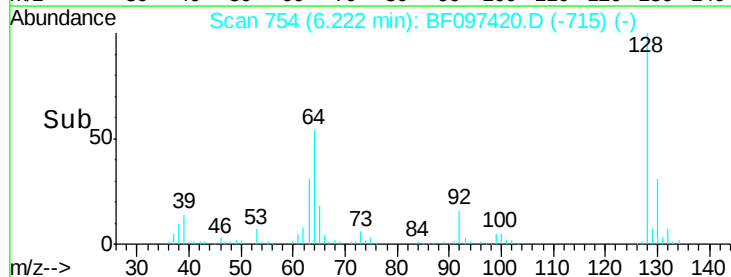
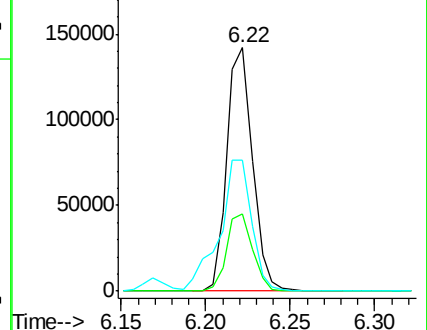
64 53.8 28.4 68.4

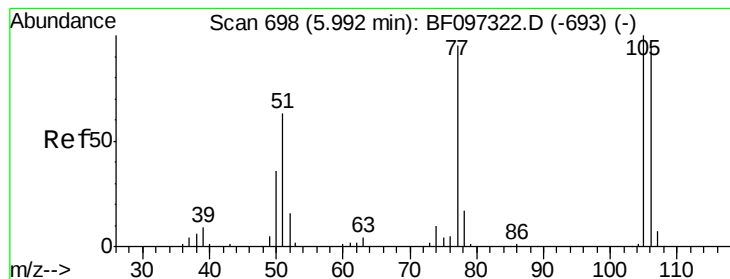


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 31.81 ng

RT: 5.97 min Scan# 711

Delta R.T. -0.08 min

Lab File: BF097420.D

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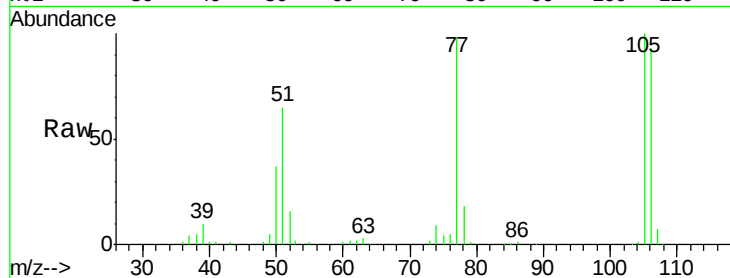
Tgt Ion: 77 Resp: 109818

Ion Ratio Lower Upper

77 100

105 102.3 83.8 123.8

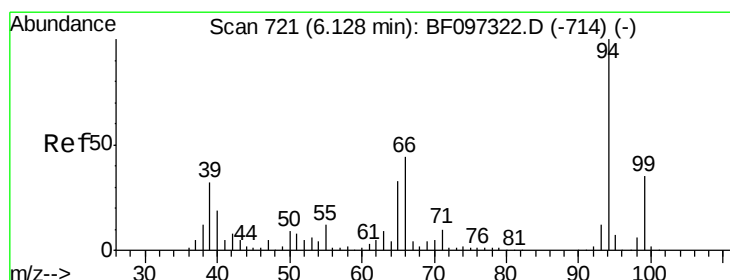
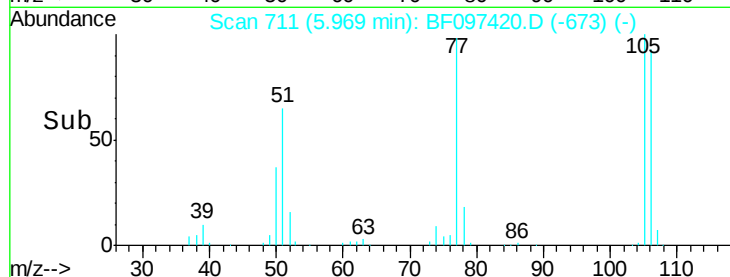
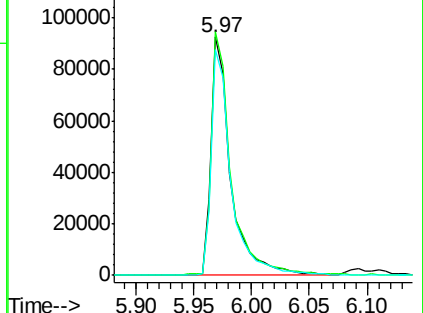
106 94.7 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.64 ng

RT: 6.12 min Scan# 736

Delta R.T. -0.06 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

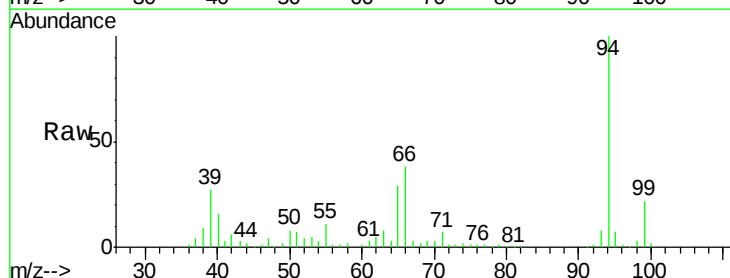
Tgt Ion: 94 Resp: 239699

Ion Ratio Lower Upper

94 100

65 29.2 9.9 49.9

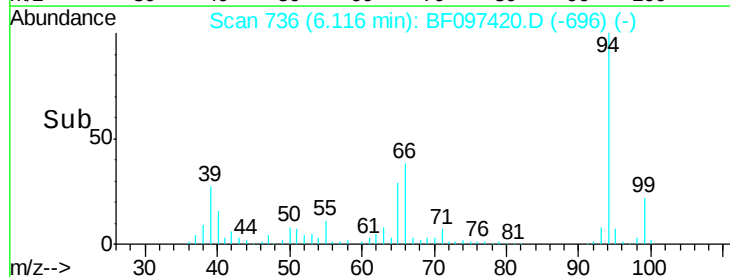
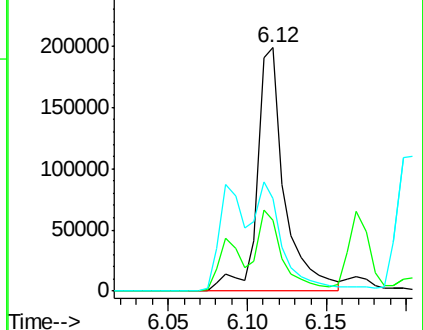
66 38.0 23.1 63.1

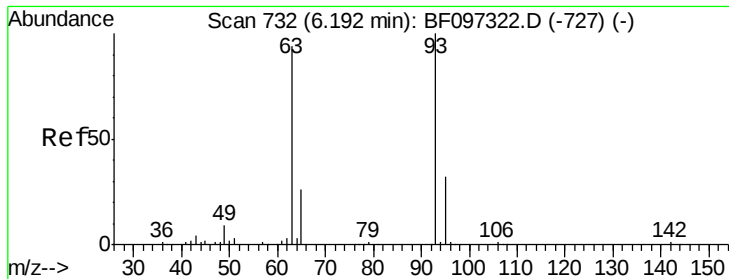


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

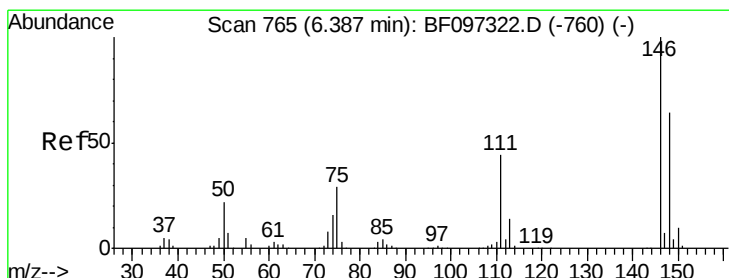
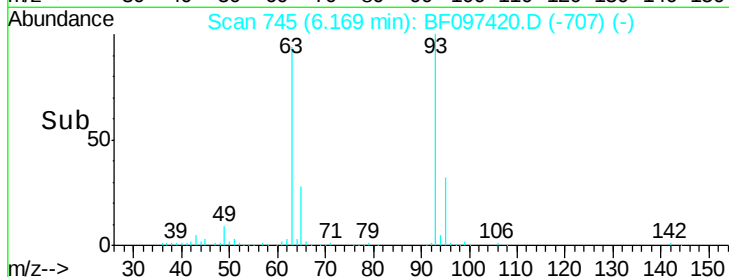
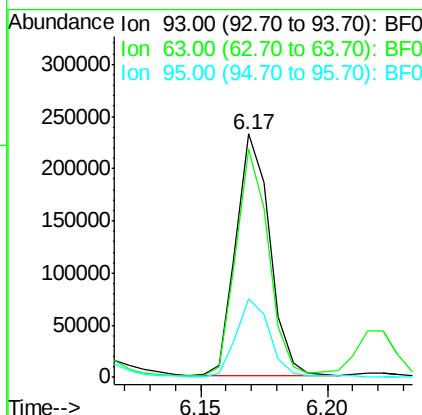
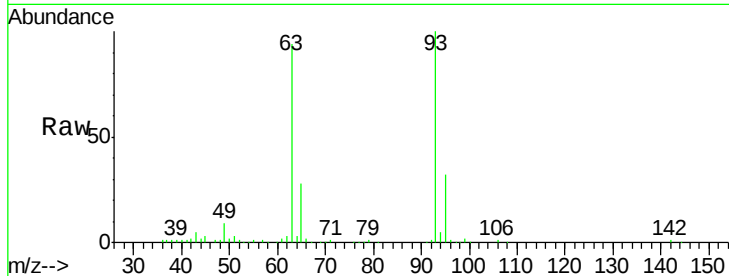




#11
 bis(2-Chloroethyl)ether
 Concen: 39.31 ng
 RT: 6.17 min Scan# 745
 Delta R.T. -0.08 min
 Lab File: BF097420.D
 Acq: 6 Aug 2017 5:12

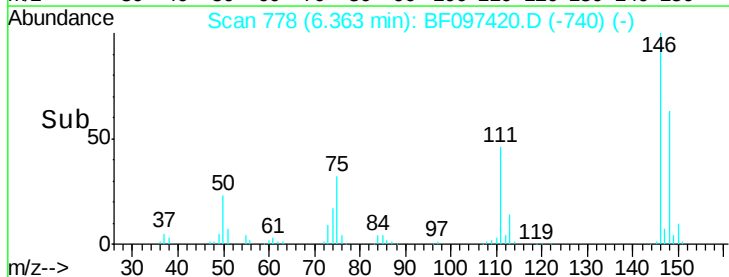
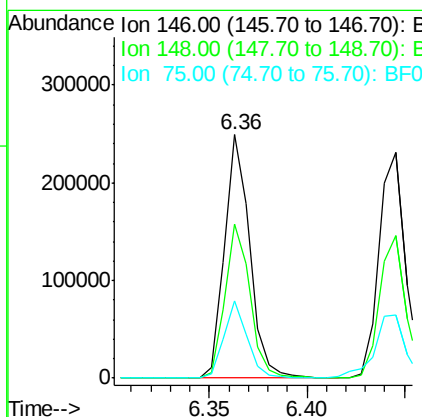
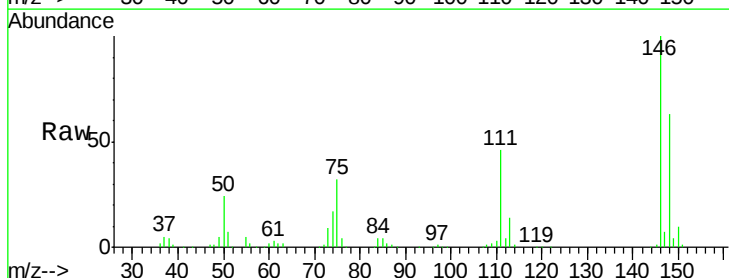
Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMPMSD

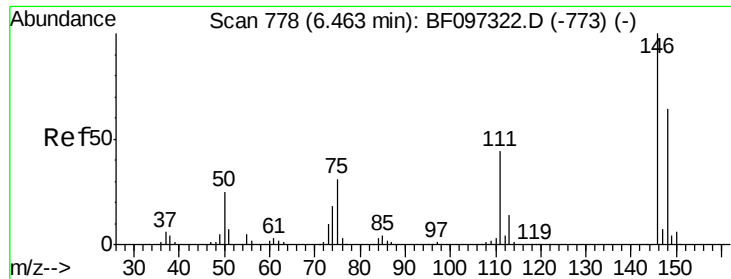
Tgt Ion: 93 Resp: 215103
 Ion Ratio Lower Upper
 93 100
 63 93.9 59.2 99.2
 95 32.2 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 37.97 ng
 RT: 6.36 min Scan# 778
 Delta R.T. -0.08 min
 Lab File: BF097420.D
 Acq: 6 Aug 2017 5:12

Tgt Ion: 146 Resp: 223536
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.8 77.6
 75 31.6 23.1 34.7

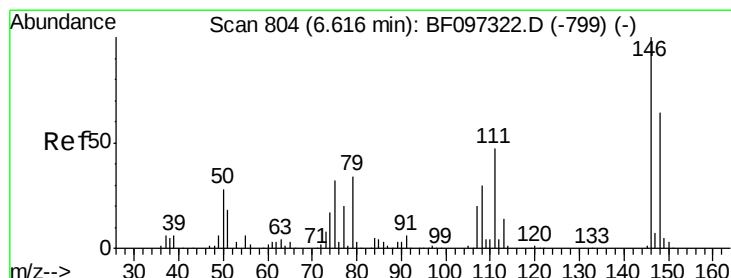
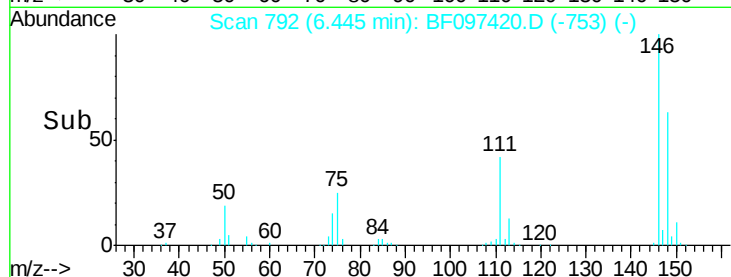
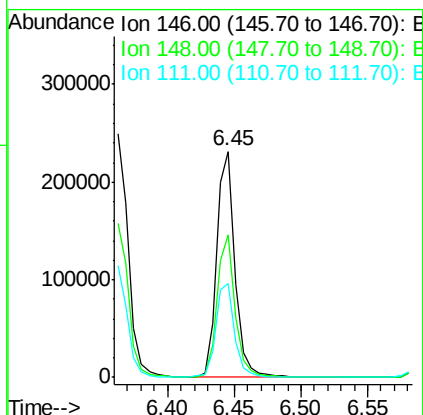
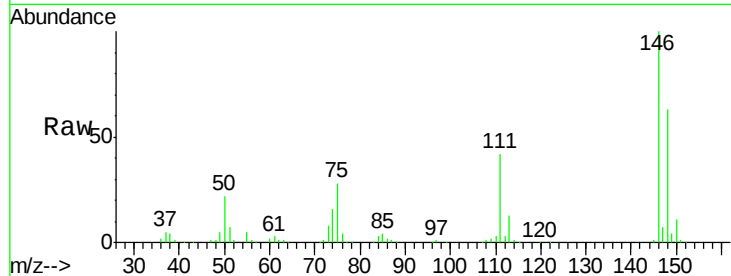




#13
 1,4-Dichlorobenzene
 Concen: 38.33 ng
 RT: 6.45 min Scan# 792
 Delta R.T. -0.07 min
 Lab File: BF097420.D
 Acq: 6 Aug 2017 5:12

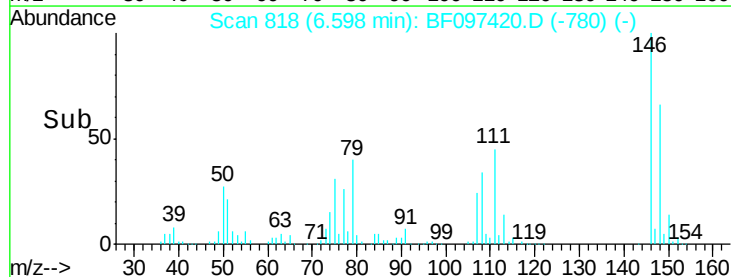
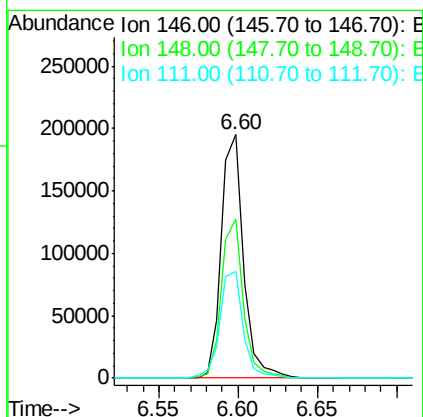
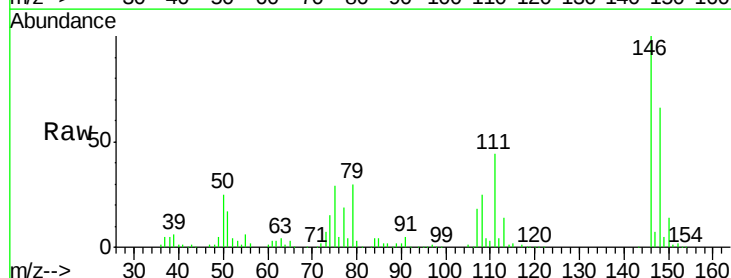
Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMPMSD

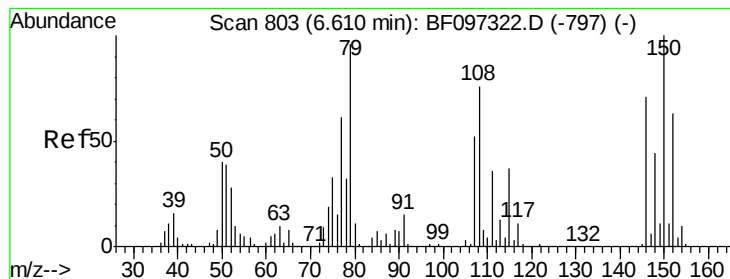
Tgt Ion:146 Resp: 223651
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.2 78.2
 111 41.6 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 37.21 ng
 RT: 6.60 min Scan# 818
 Delta R.T. -0.08 min
 Lab File: BF097420.D
 Acq: 6 Aug 2017 5:12

Tgt Ion:146 Resp: 189567
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.4 75.6
 111 43.9 38.2 57.4





#15

Benzyl Alcohol

Concen: 41.20 ng

RT: 6.59 min Scan# 817

Delta R.T. -0.07 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMSD

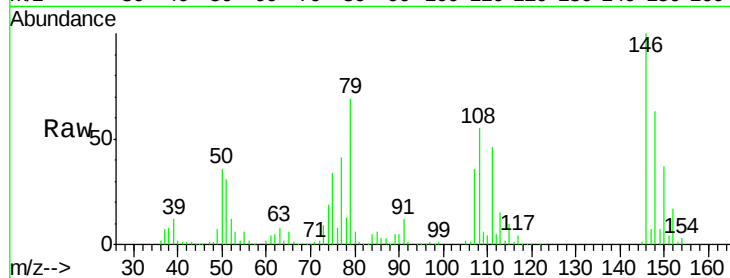
Tgt Ion: 79 Resp: 152172

Ion Ratio Lower Upper

79 100

108 80.5 63.4 95.0

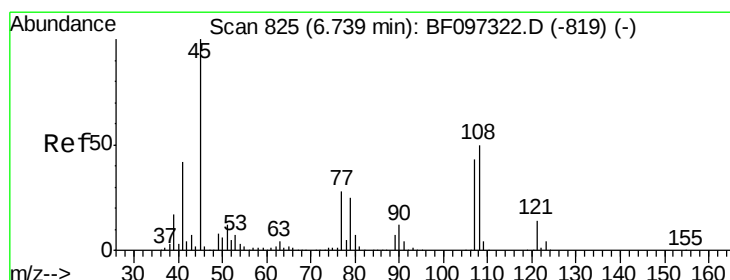
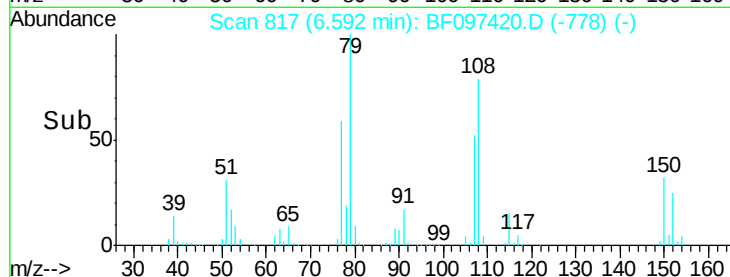
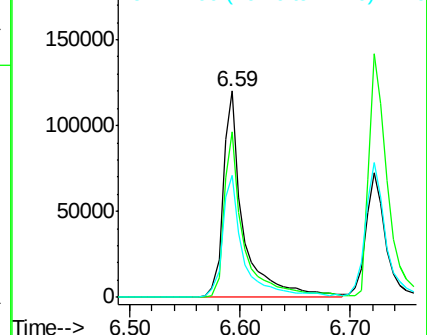
77 59.2 49.2 73.8



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: 35.53 ng

RT: 6.72 min Scan# 838

Delta R.T. -0.08 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

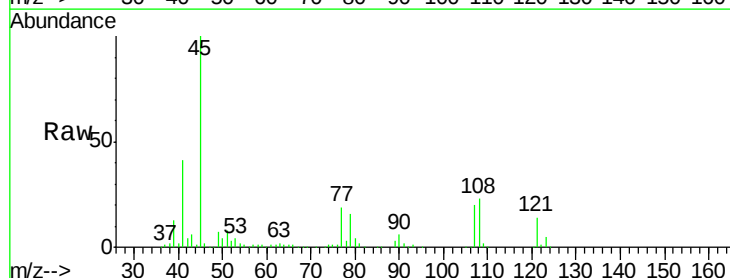
Tgt Ion: 45 Resp: 390010

Ion Ratio Lower Upper

45 100

77 18.7 0.0 33.2

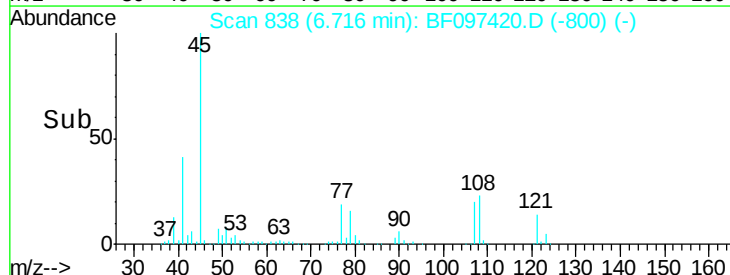
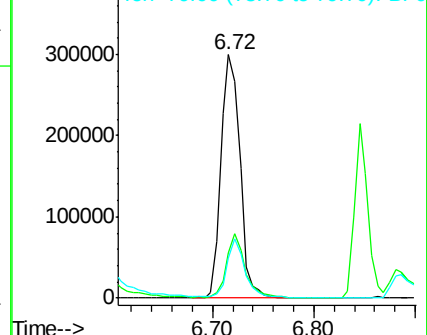
79 16.4 0.0 30.0

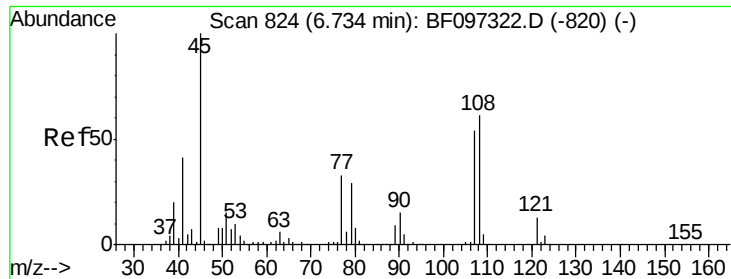


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

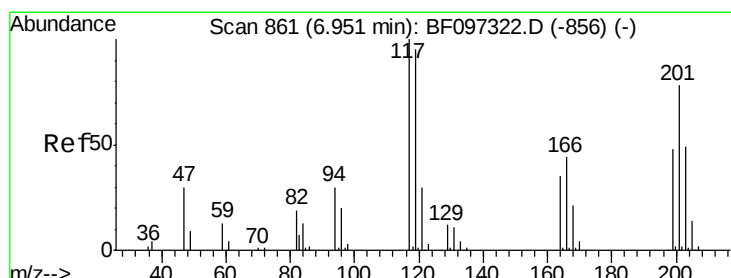
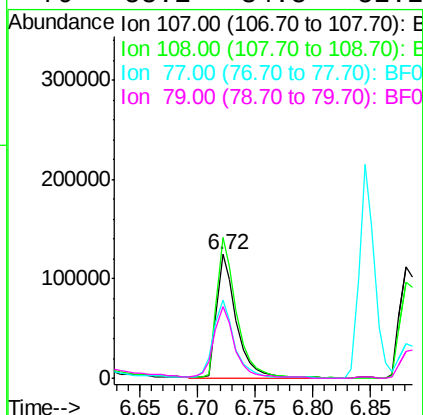
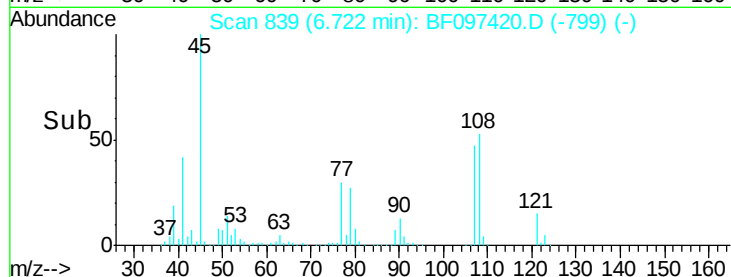
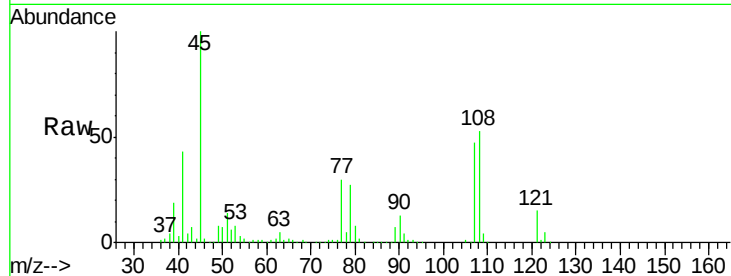




#17
2-Methylphenol
Concen: 34.70 ng
RT: 6.72 min Scan# 839
Delta R.T. -0.06 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

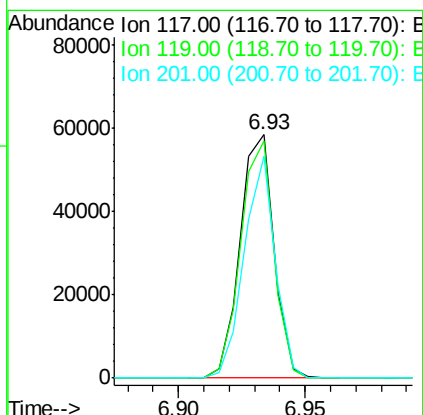
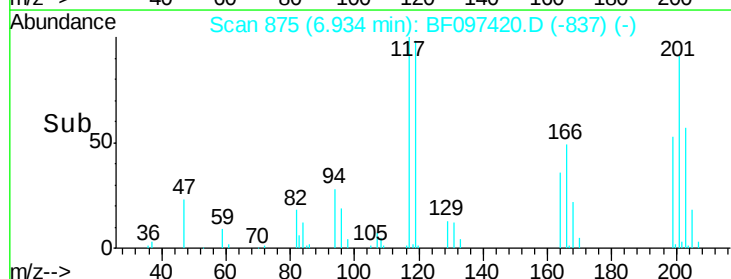
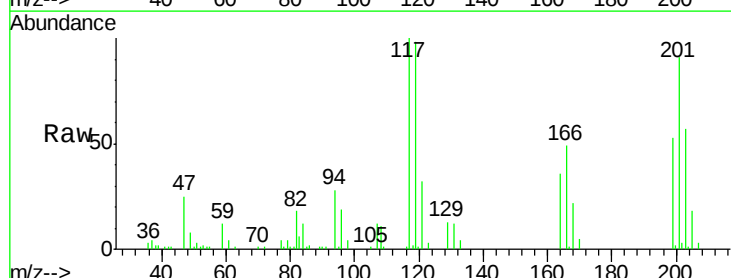
Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMSD

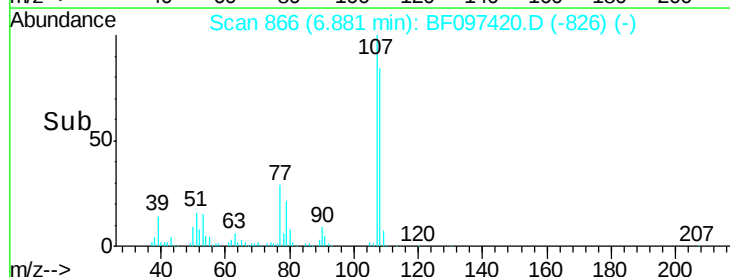
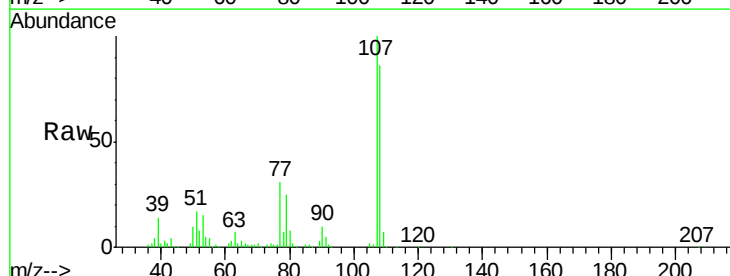
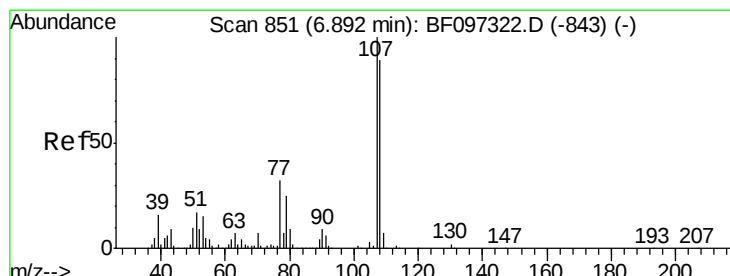
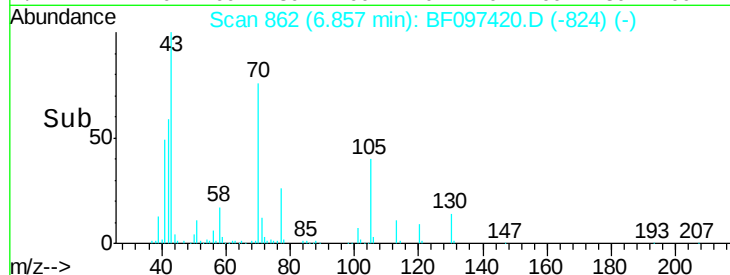
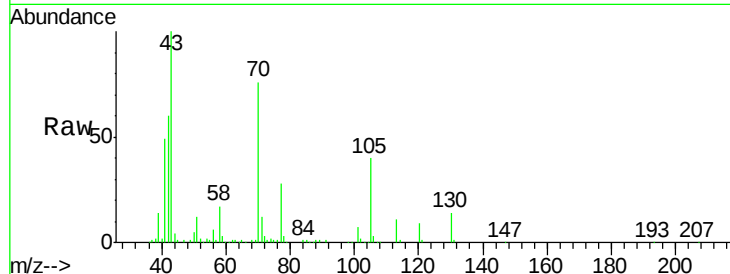
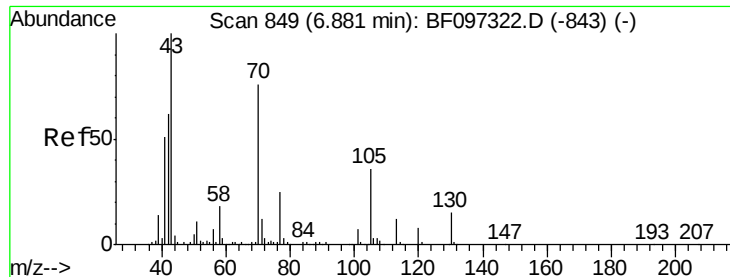
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.4	93.4	140.0
77	63.0	35.8	53.6#
79	58.1	34.8	52.2#



#18
Hexachloroethane
Concen: 25.44 ng
RT: 6.93 min Scan# 875
Delta R.T. -0.08 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.4	116.0
201	91.0	94.6	141.8#

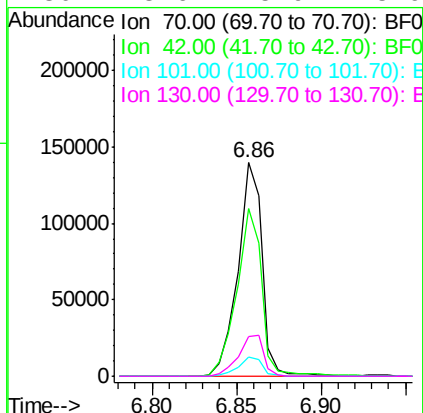




#19
n-Nitroso-di-n-propylamine
Concen: 36.21 ng
RT: 6.86 min Scan# 862
Delta R.T. -0.08 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

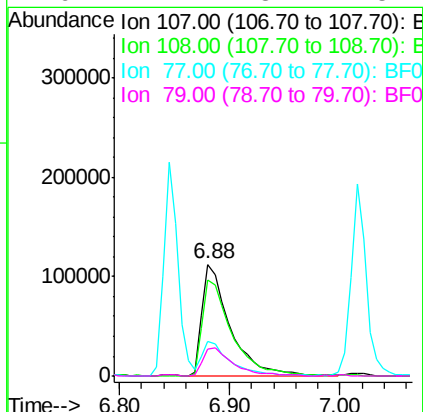
Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMSD

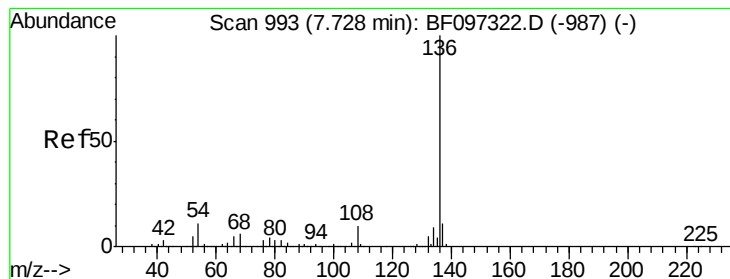
Tgt Ion: 70 Resp: 139018
Ion Ratio Lower Upper
70 100
42 78.3 47.2 70.8#
101 9.1 7.2 10.8
130 18.6 15.9 23.9



#20
3+4-Methylphenols
Concen: 35.54 ng
RT: 6.88 min Scan# 866
Delta R.T. -0.06 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

Tgt Ion:107 Resp: 195703
Ion Ratio Lower Upper
107 100
108 85.9 71.0 111.0
77 30.9 90.5 130.5#
79 24.7 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.71 min Scan# 1007

Delta R.T. -0.08 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

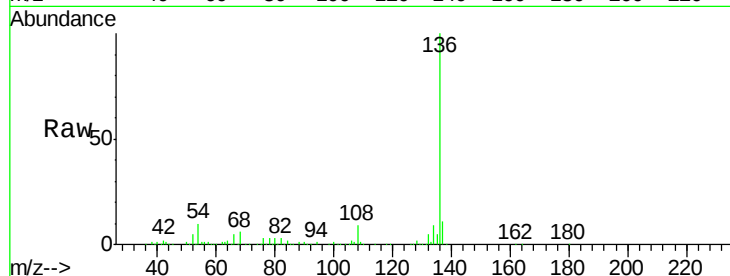
Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMSD

Tgt Ion:	136	Resp:	298709
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.1	4.9	7.3#
68	5.7	4.1	6.1



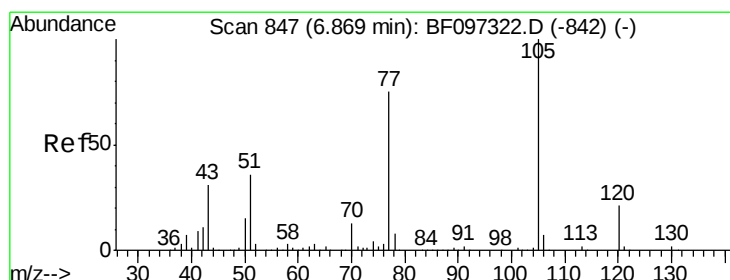
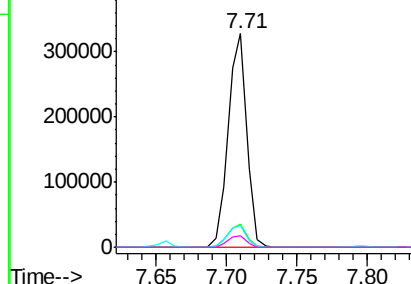
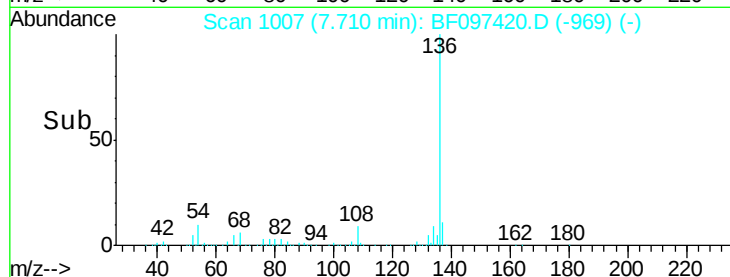
Abundance

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: 37.20 ng

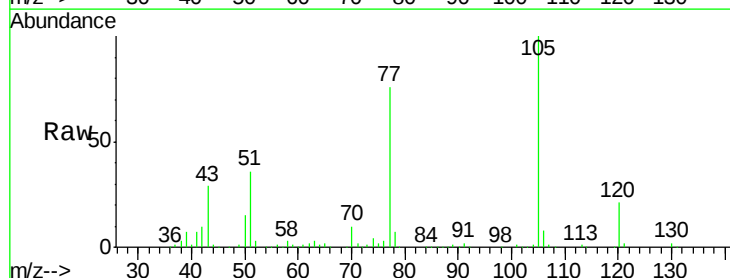
RT: 6.85 min Scan# 860

Delta R.T. -0.08 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

Tgt Ion:	105	Resp:	266878
Ion	Ratio	Lower	Upper
105	100		
71	1.8	2.8	4.2#
51	36.1	30.7	46.1
120	21.4	17.4	26.0



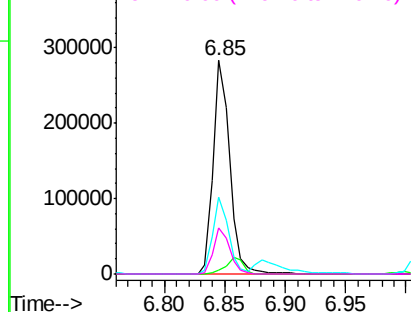
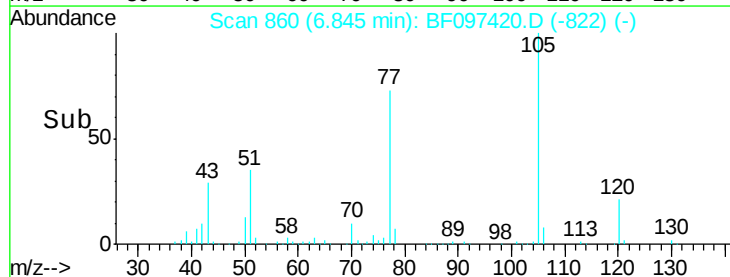
Abundance

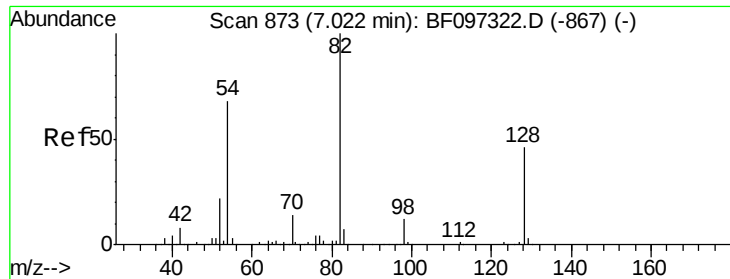
Ion 105.00 (104.70 to 105.70): E

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

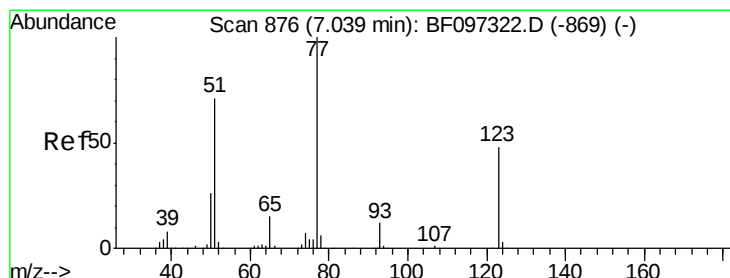
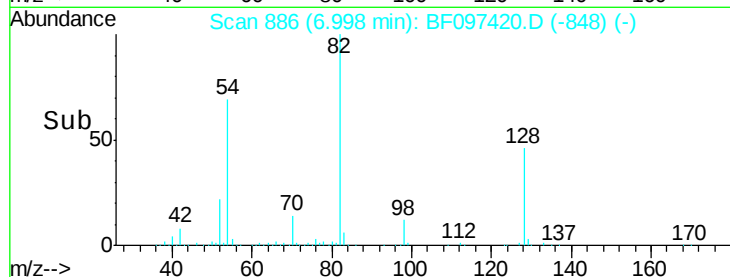
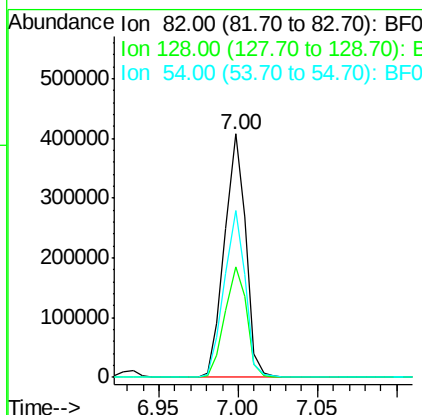
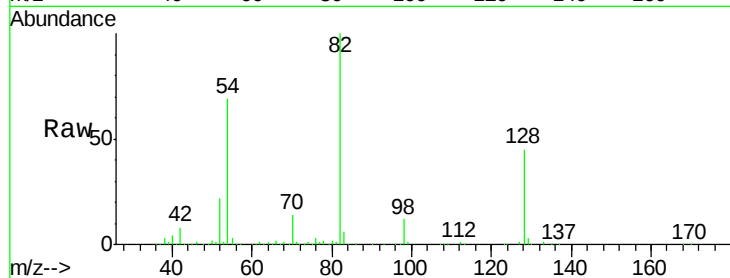




#23
Nitrobenzene-d5
Concen: 74.70 ng
RT: 7.00 min Scan# 886
Delta R.T. -0.08 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

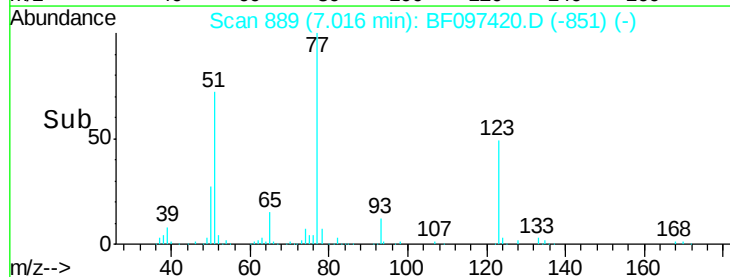
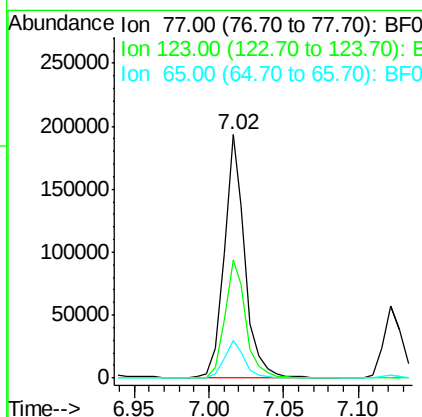
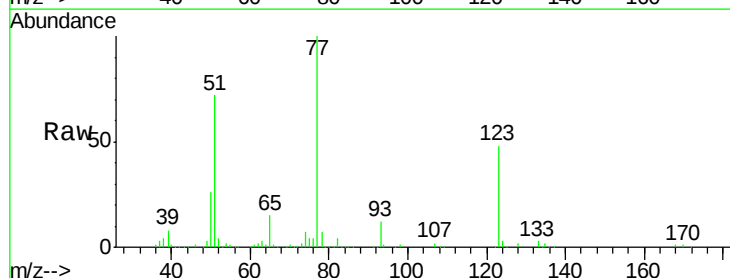
Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMSD

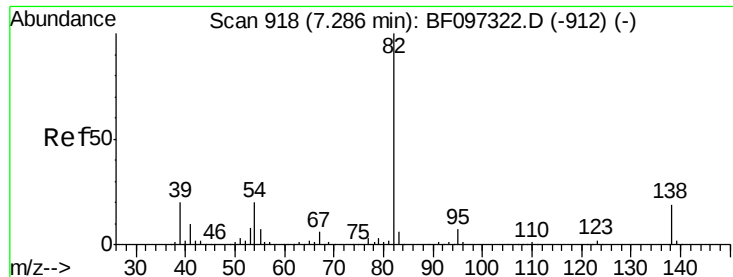
Tgt Ion: 82 Resp: 380375
Ion Ratio Lower Upper
82 100
128 45.5 34.0 51.0
54 68.6 42.2 63.2#



#24
Nitrobenzene
Concen: 35.22 ng
RT: 7.02 min Scan# 889
Delta R.T. -0.08 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

Tgt Ion: 77 Resp: 186768
Ion Ratio Lower Upper
77 100
123 48.3 35.8 53.8
65 15.4 10.6 15.8

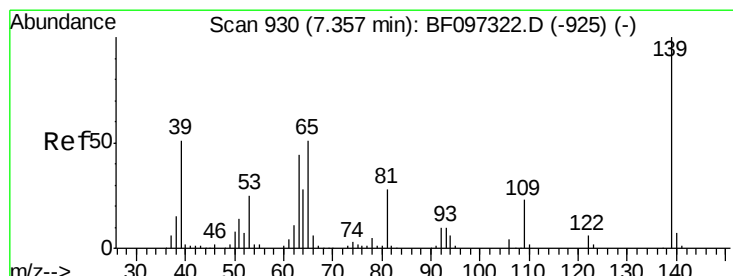
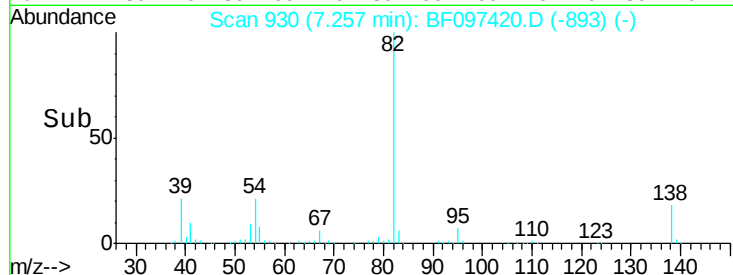
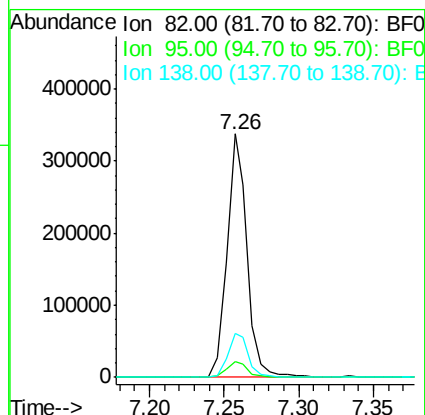
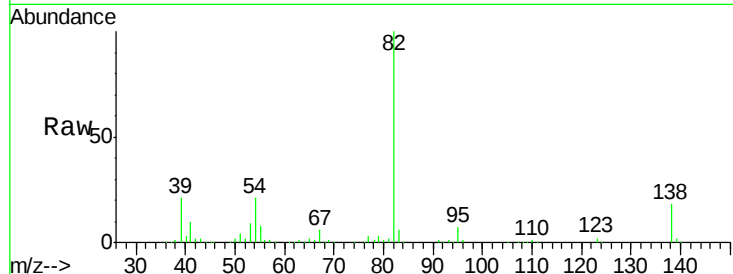




#25
Isophorone
Concen: 32.03 ng
RT: 7.26 min Scan# 930
Delta R.T. -0.08 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

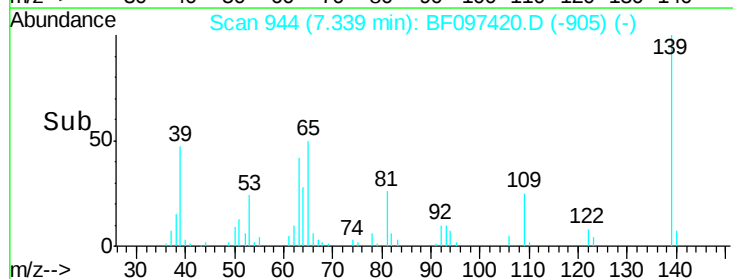
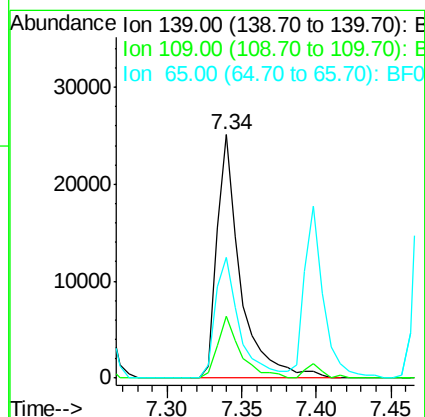
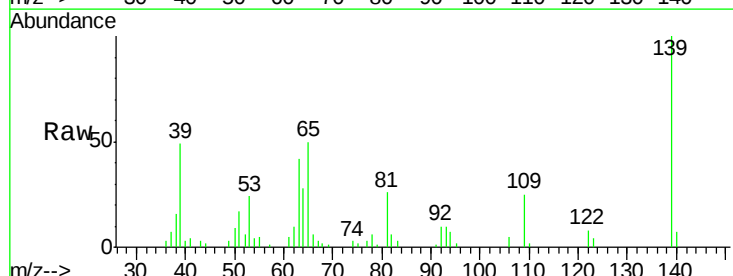
Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMSD

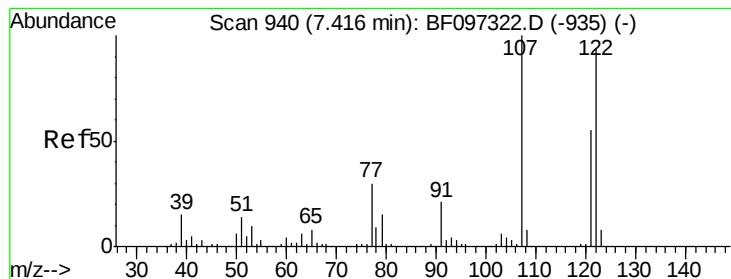
Tgt Ion: 82 Resp: 319446
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 18.1 13.1 19.7



#26
2-Nitrophenol
Concen: 9.58 ng
RT: 7.34 min Scan# 944
Delta R.T. -0.07 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

Tgt Ion: 139 Resp: 27478
Ion Ratio Lower Upper
139 100
109 25.3 21.0 31.6
65 49.7 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 33.87 ng

RT: 7.40 min Scan# 954

Delta R.T. -0.07 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMSD

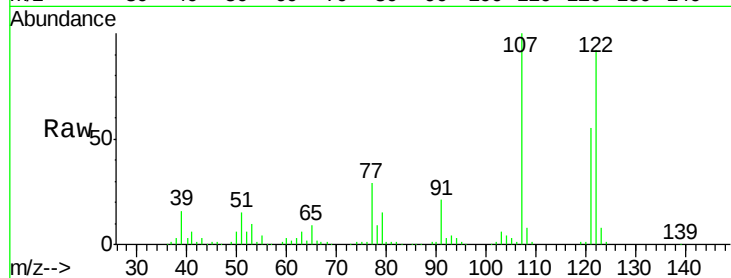
Tgt Ion:122 Resp: 160302

Ion Ratio Lower Upper

122 100

107 108.8 89.2 133.8

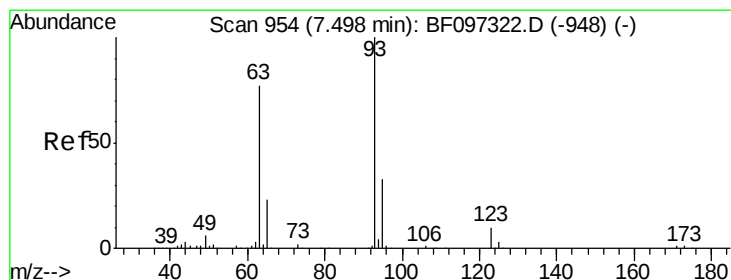
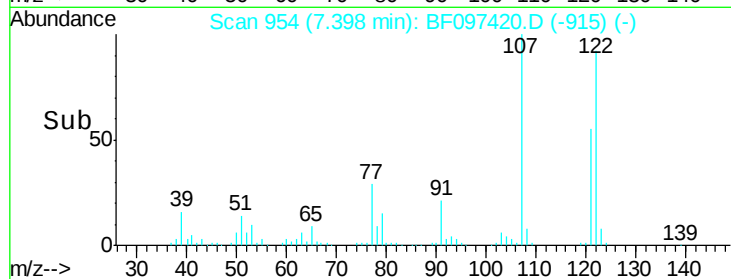
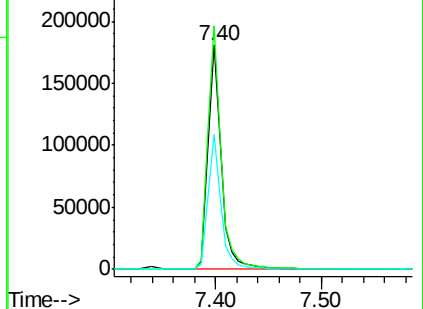
121 60.0 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.27 ng

RT: 7.47 min Scan# 967

Delta R.T. -0.08 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

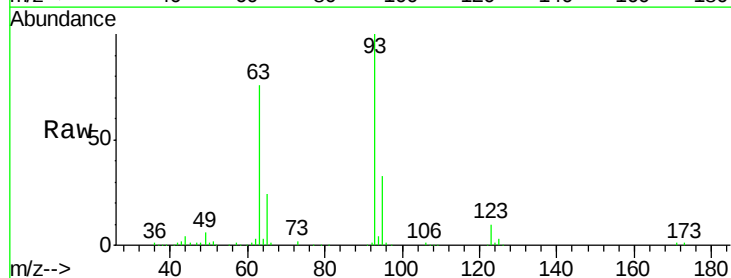
Tgt Ion: 93 Resp: 216519

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

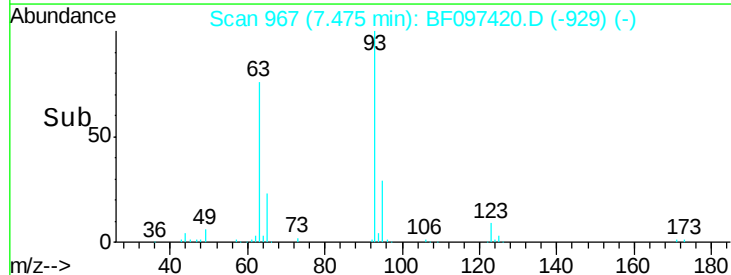
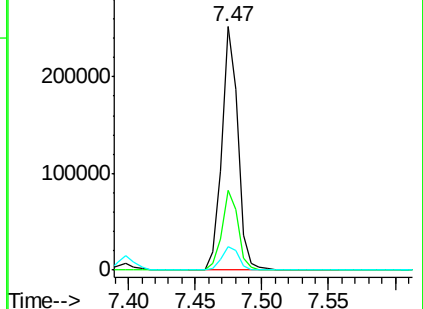
123 9.7 9.0 13.4

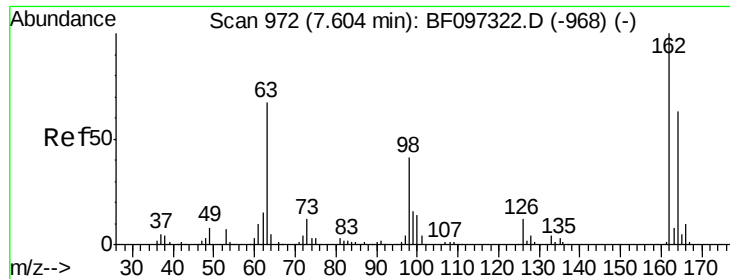


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

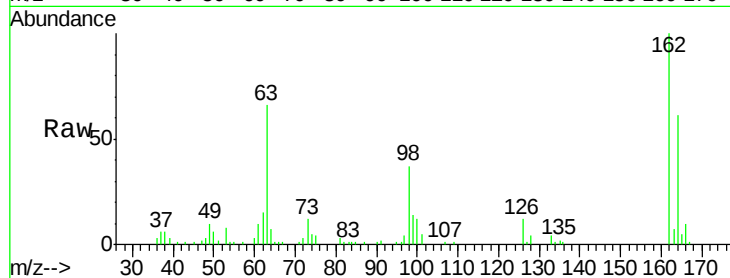




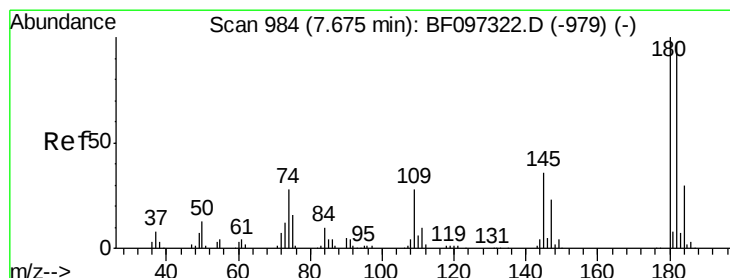
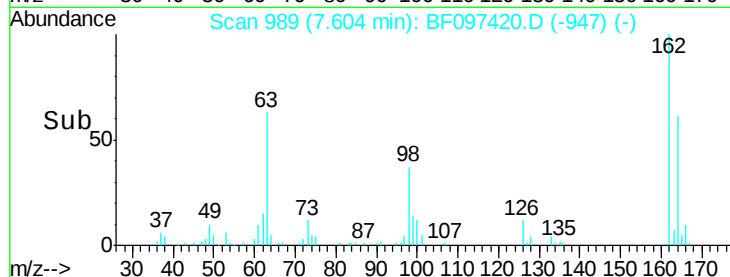
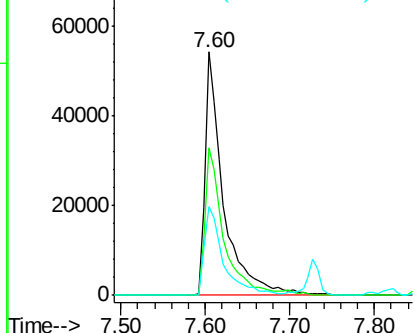
#29
 2,4-Dichlorophenol
 Concen: 20.12 ng
 RT: 7.60 min Scan# 989
 Delta R.T. -0.05 min
 Lab File: BF097420.D
 Acq: 6 Aug 2017 5:12

Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMPMSD

Tgt Ion:162 Resp: 82013
 Ion Ratio Lower Upper
 162 100
 164 60.9 44.6 84.6
 98 36.5 14.8 54.8

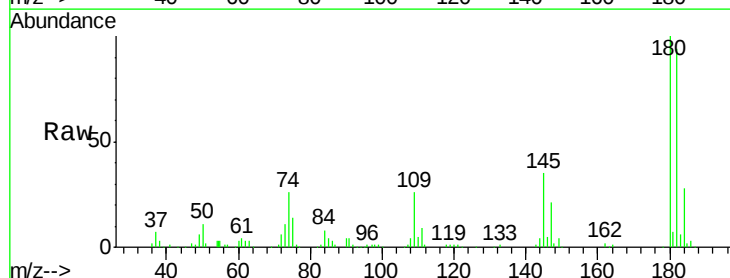


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

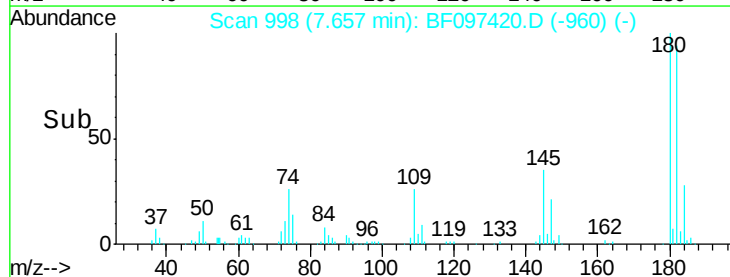
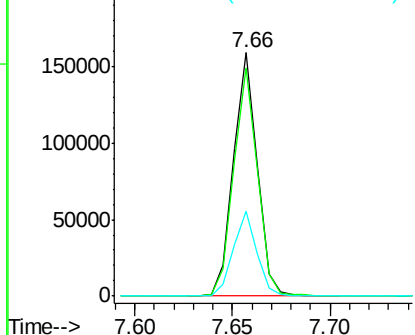


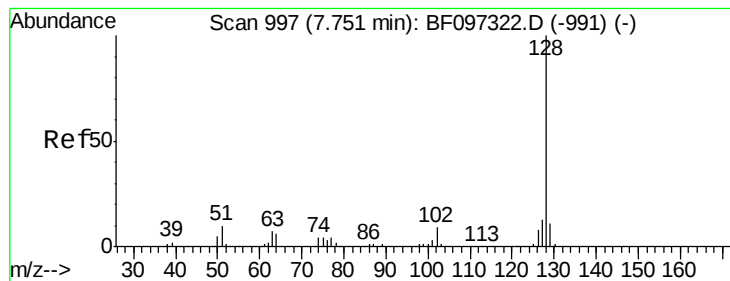
#30
 1,2,4-Trichlorobenzene
 Concen: 34.49 ng
 RT: 7.66 min Scan# 998
 Delta R.T. -0.08 min
 Lab File: BF097420.D
 Acq: 6 Aug 2017 5:12

Tgt Ion:180 Resp: 134024
 Ion Ratio Lower Upper
 180 100
 182 93.8 75.8 113.6
 145 34.7 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: 39.56 ng

RT: 7.73 min Scan# 1010

Delta R.T. -0.08 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMSD

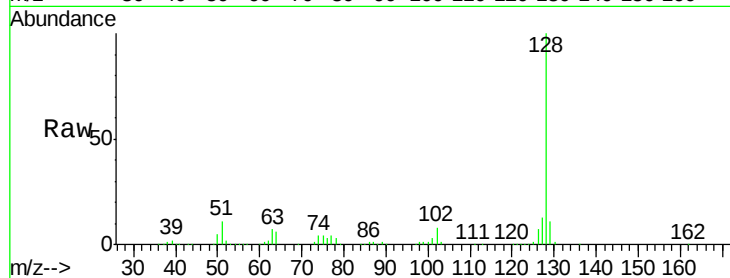
Tgt Ion:128 Resp: 557062

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

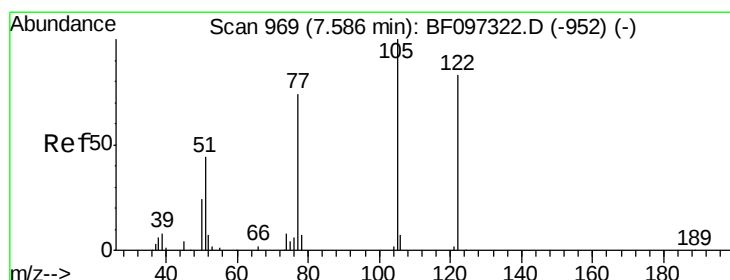
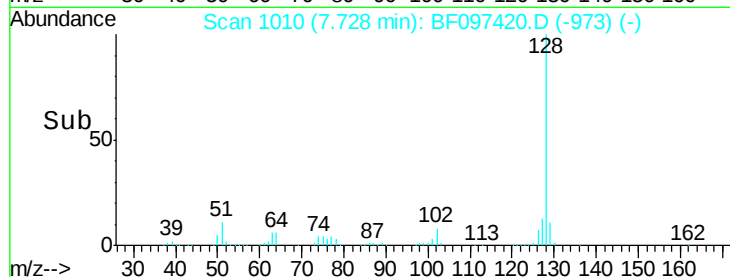
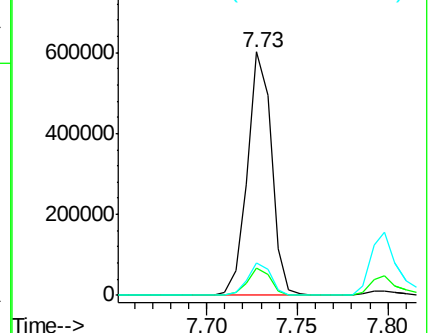
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.36 ng

RT: 7.40 min Scan# 954

Delta R.T. -0.24 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

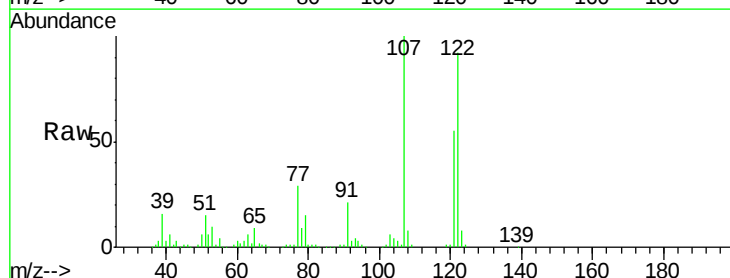
Tgt Ion:122 Resp: 160302

Ion Ratio Lower Upper

122 100

105 3.4 103.3 143.3#

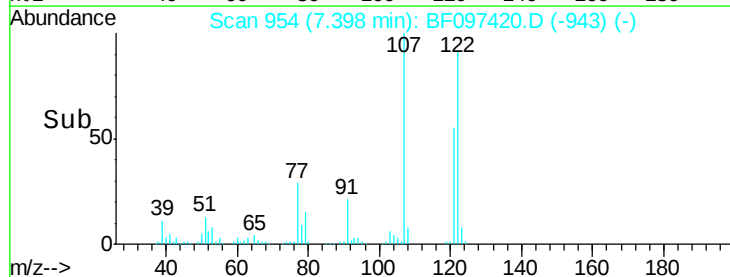
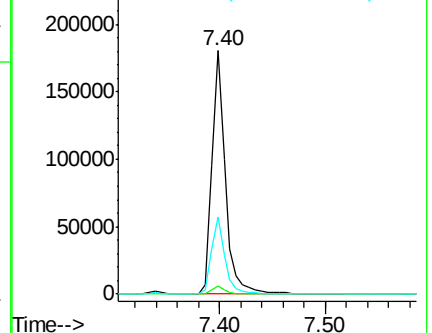
77 31.6 73.7 113.7#

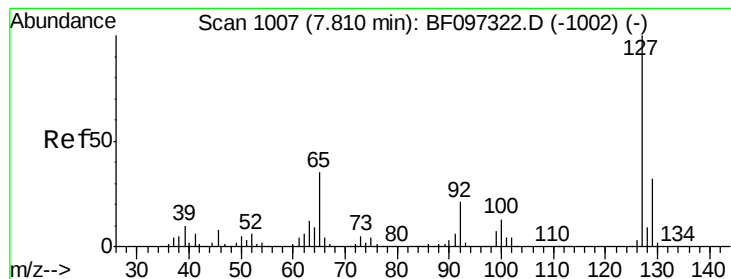


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 31.96 ng

RT: 7.80 min Scan# 1022

Delta R.T. -0.06 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMSD

Tgt Ion:127 Resp: 183095

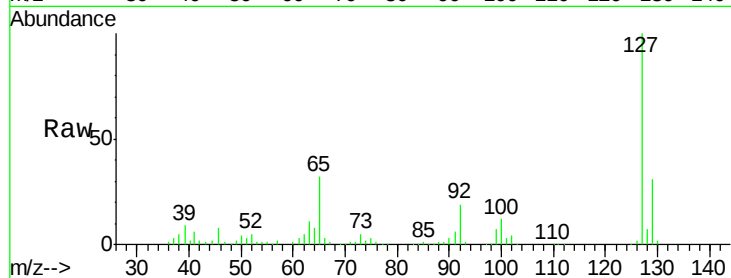
Ion Ratio Lower Upper

127 100

129 31.1 26.2 39.2

65 31.6 27.8 41.8

92 18.9 16.8 25.2

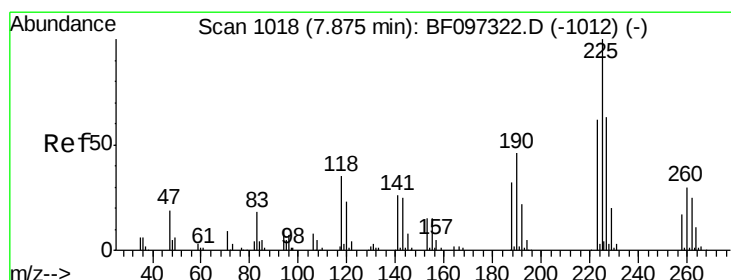
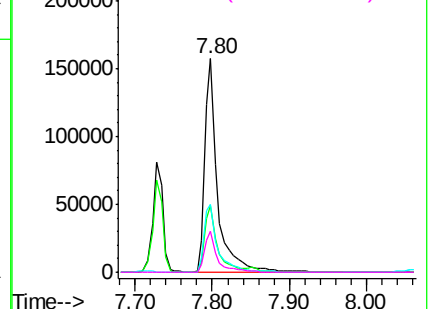
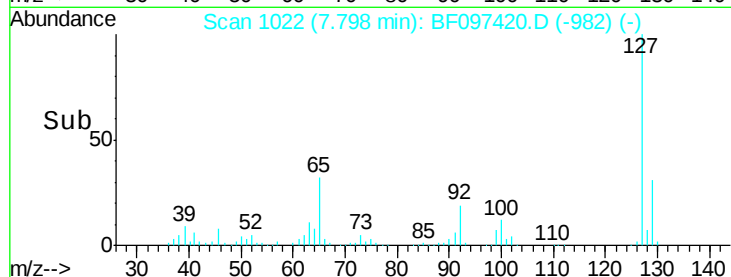


Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.67 ng

RT: 7.85 min Scan# 1031

Delta R.T. -0.08 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

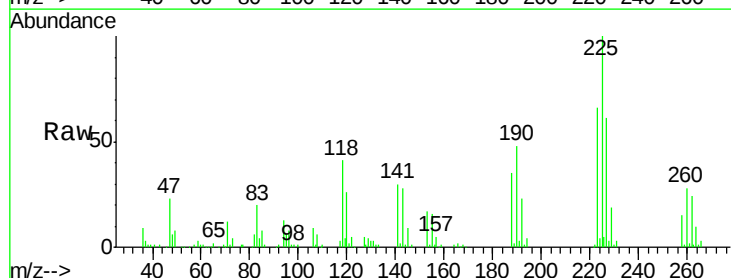
Tgt Ion:225 Resp: 79679

Ion Ratio Lower Upper

225 100

223 65.5 48.8 73.2

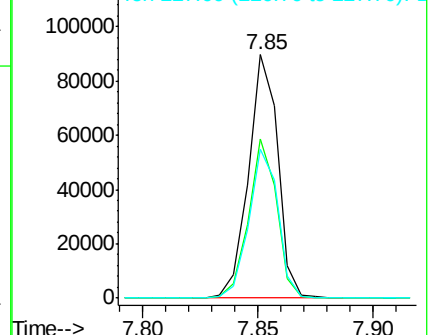
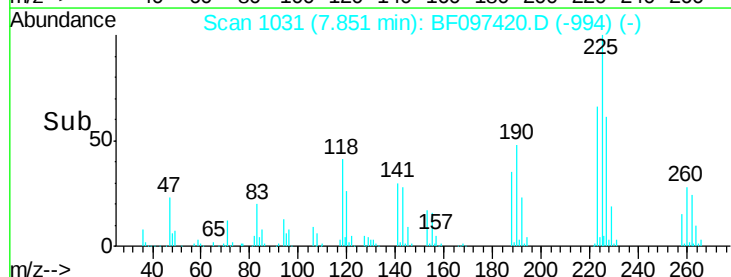
227 61.2 51.1 76.7

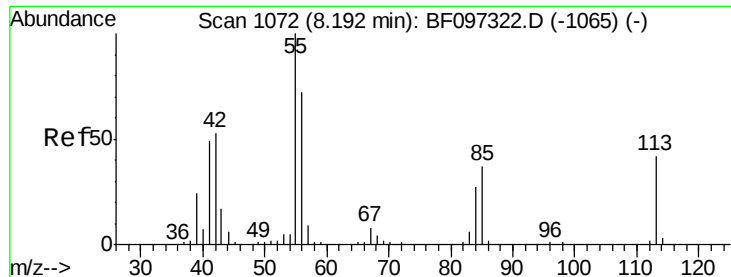


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

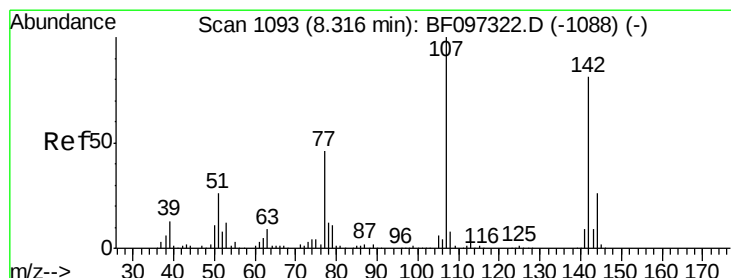
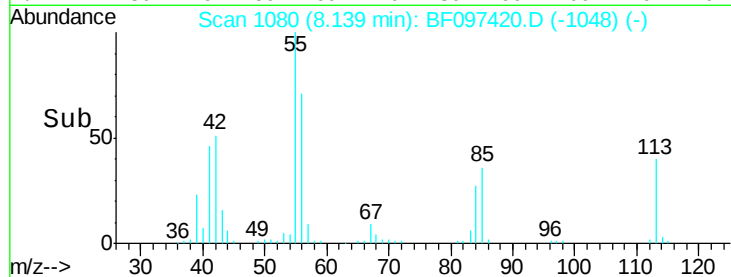
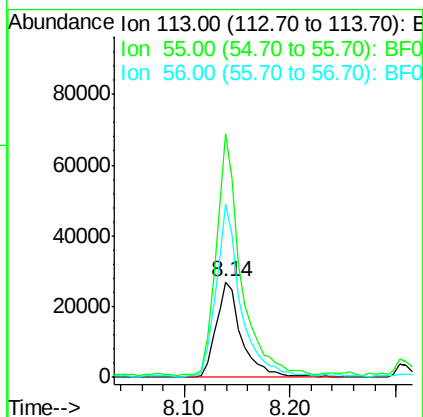
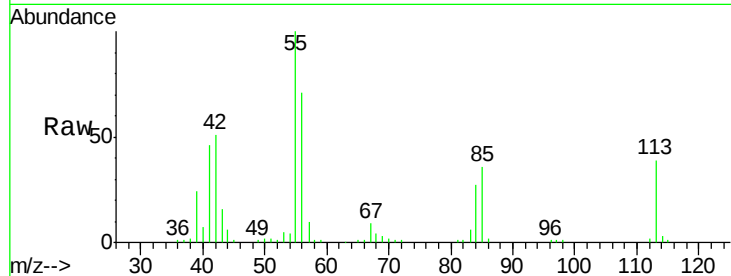




#35
 Caprolactam
 Concen: 34.65 ng
 RT: 8.14 min Scan# 1080
 Delta R.T. -0.11 min
 Lab File: BF097420.D
 Acq: 6 Aug 2017 5:12

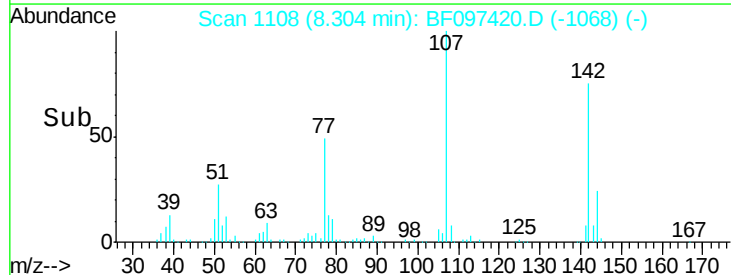
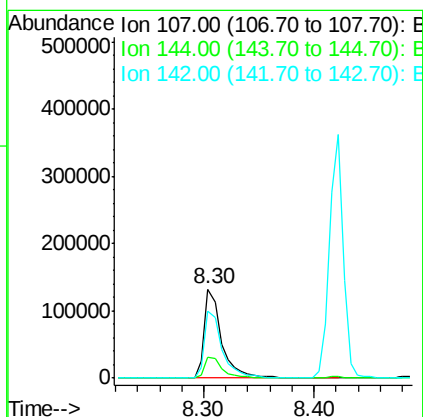
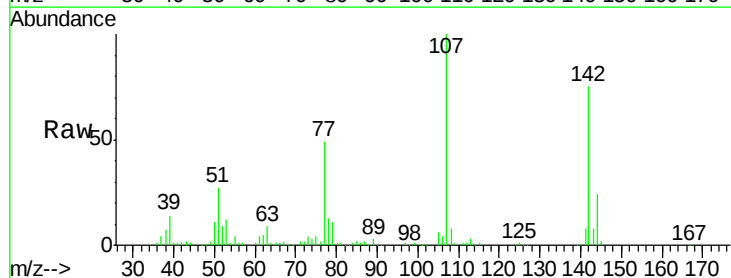
Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMPMSD

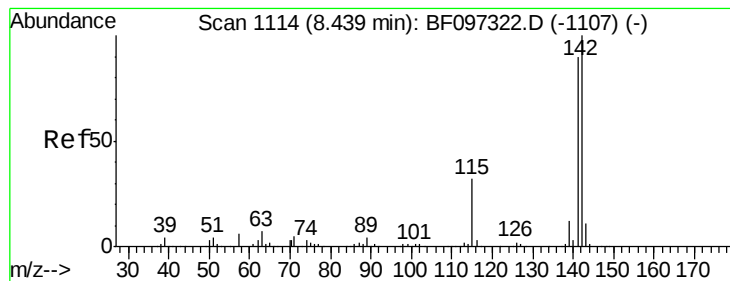
Tgt Ion: 113 Resp: 45299
 Ion Ratio Lower Upper
 113 100
 55 255.6 150.2 190.2#
 56 181.9 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 31.46 ng
 RT: 8.30 min Scan# 1108
 Delta R.T. -0.06 min
 Lab File: BF097420.D
 Acq: 6 Aug 2017 5:12

Tgt Ion: 107 Resp: 139944
 Ion Ratio Lower Upper
 107 100
 144 24.0 24.2 36.4#
 142 75.1 73.4 110.0





#37

2-Methylnaphthalene

Concen: 35.74 ng

RT: 8.42 min Scan# 1128

Delta R.T. -0.08 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMSD

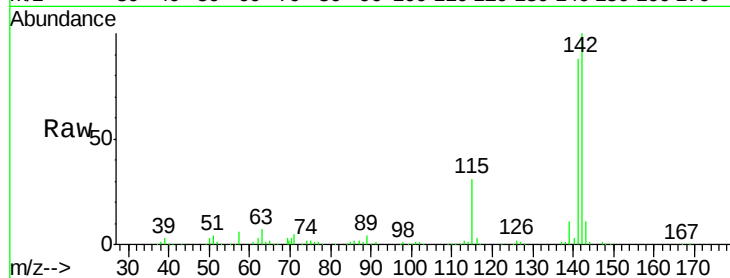
Tgt Ion:142 Resp: 318629

Ion Ratio Lower Upper

142 100

141 87.6 71.3 106.9

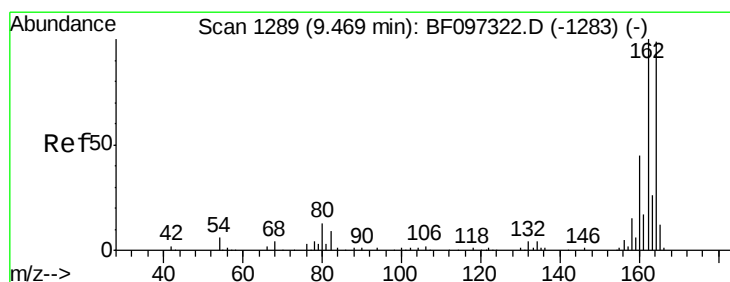
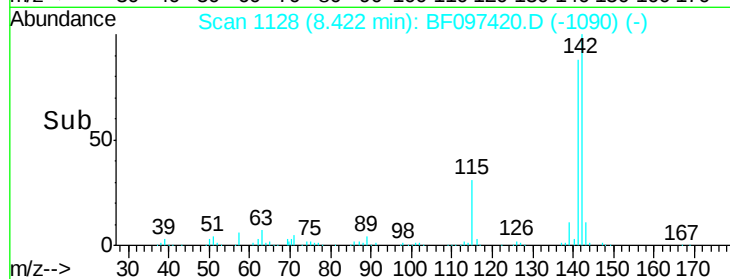
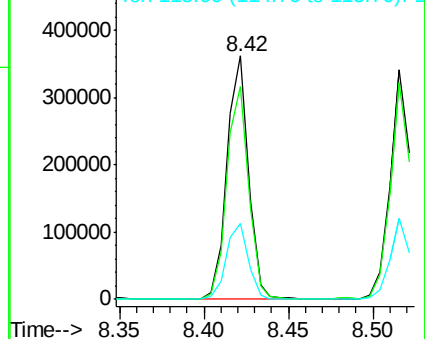
115 31.2 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.45 min Scan# 1303

Delta R.T. -0.08 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

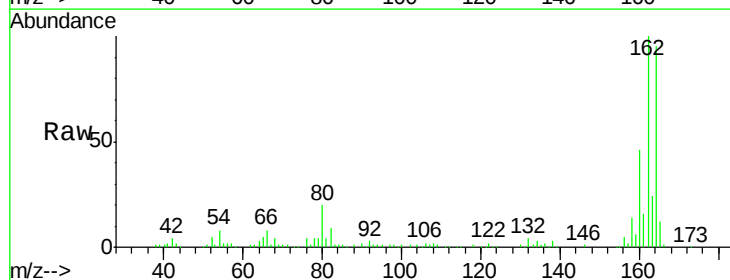
Tgt Ion:164 Resp: 96752

Ion Ratio Lower Upper

164 100

162 105.0 82.6 123.8

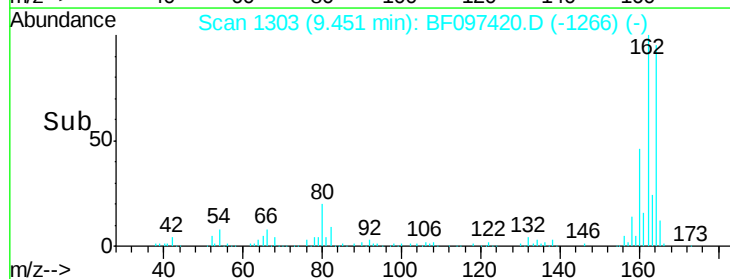
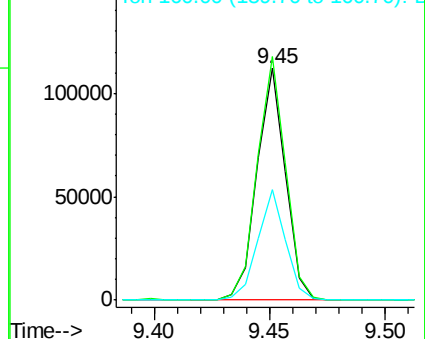
160 47.9 36.2 54.2

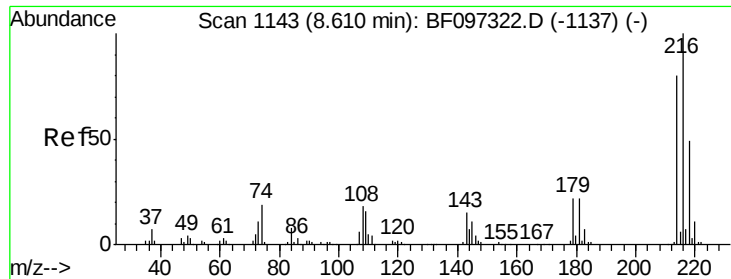


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

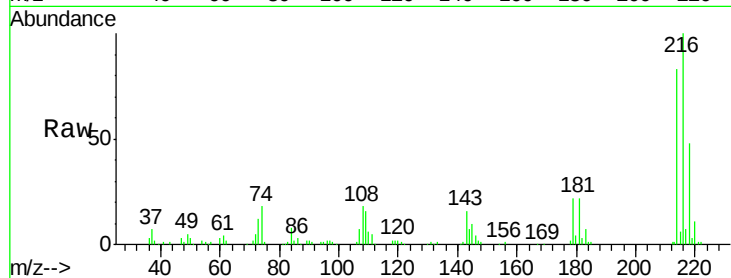




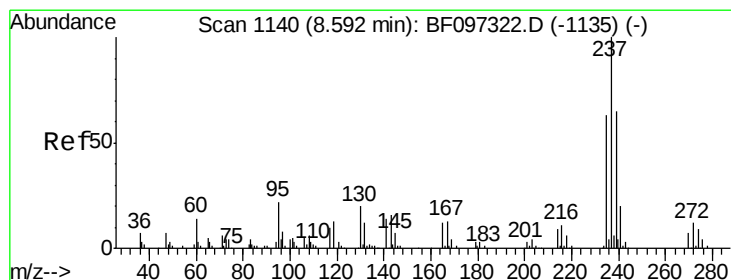
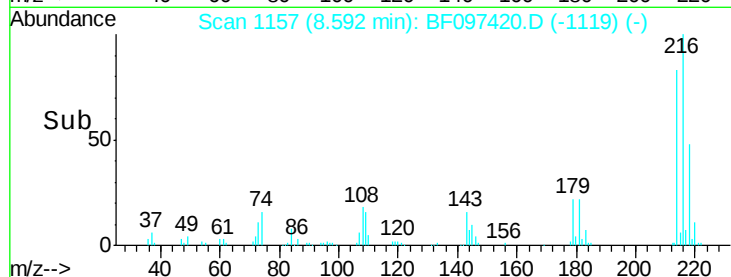
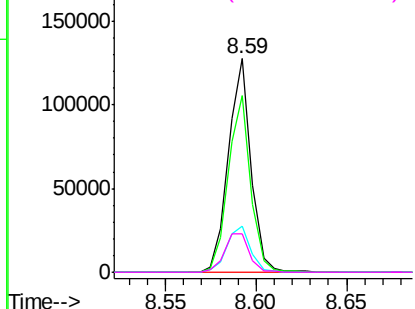
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.87 ng
 RT: 8.59 min Scan# 1157
 Delta R.T. -0.08 min
 Lab File: BF097420.D
 Acq: 6 Aug 2017 5:12

Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMPMSD

Tgt Ion:	216	Resp:	110661
Ion	Ratio	Lower	Upper
216	100		
214	82.1	63.4	95.2
179	22.8	17.9	26.9
108	20.3	16.5	24.7

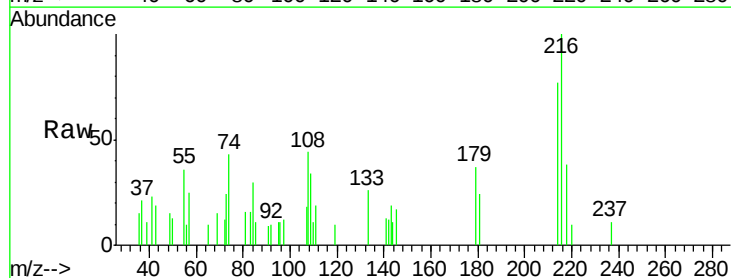


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

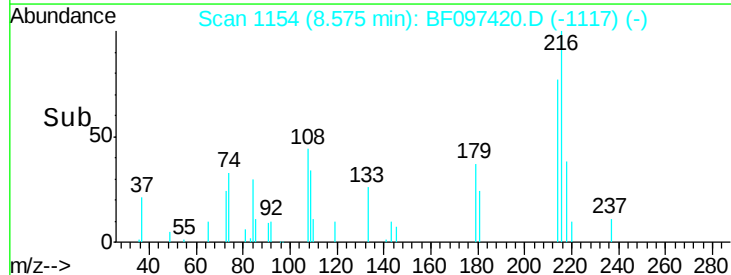
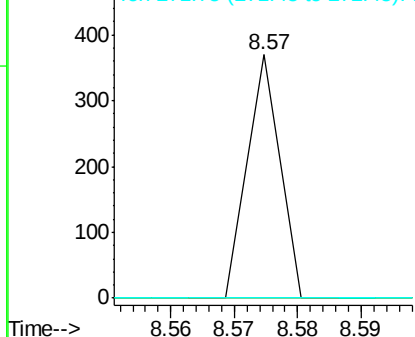


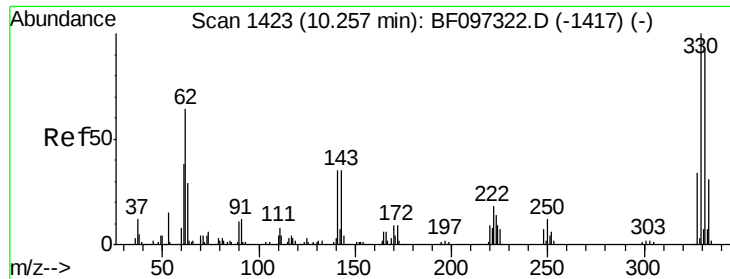
#40
 Hexachlorocyclopentadiene
 Concen: 6.72 ng
 RT: 8.57 min Scan# 1154
 Delta R.T. -0.08 min
 Lab File: BF097420.D
 Acq: 6 Aug 2017 5:12

Tgt Ion:	237	Resp:	131
Ion	Ratio	Lower	Upper
237	100		
235	0.0	42.6	82.6#
272	0.0	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

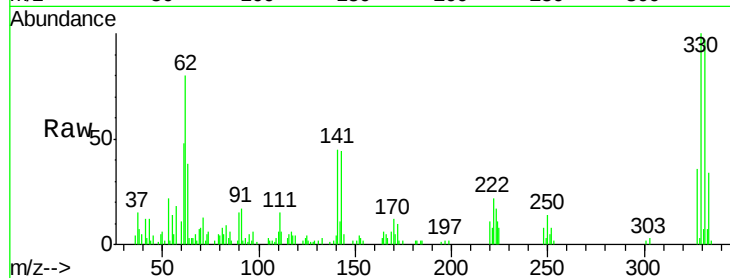




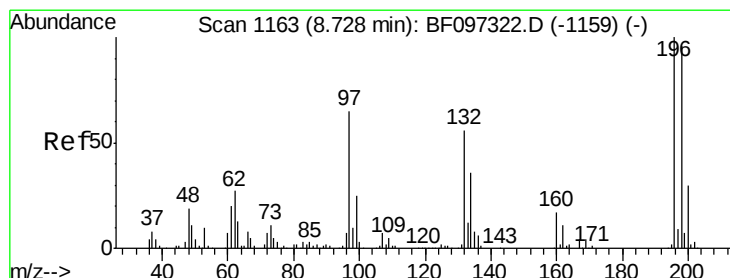
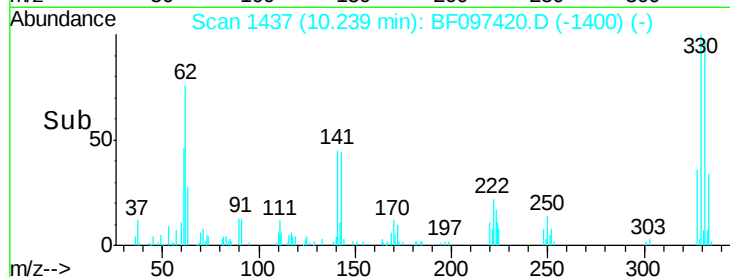
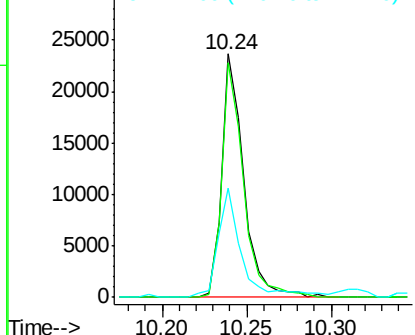
#41
 2,4,6-Tribromophenol
 Concen: 28.16 ng
 RT: 10.24 min Scan# 1437
 Delta R.T. -0.08 min
 Lab File: BF097420.D
 Acq: 6 Aug 2017 5:12

Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMPMSD

Tgt Ion: 330 Resp: 21527
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 48.3 31.4 47.2#

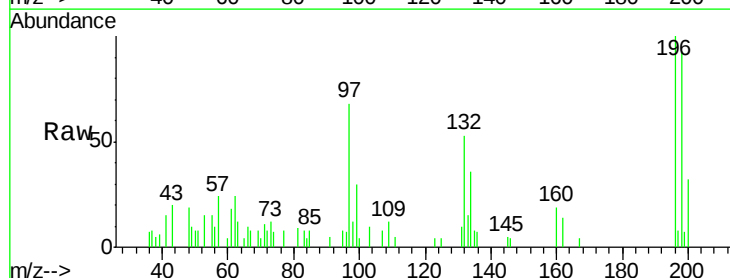


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

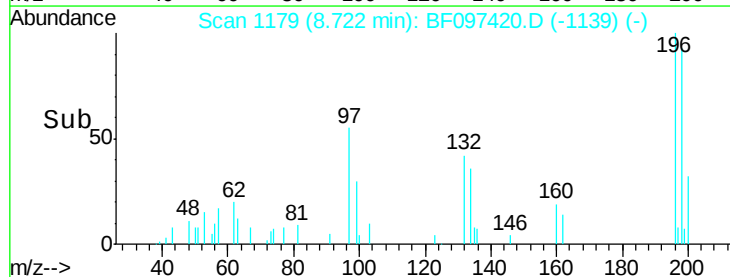
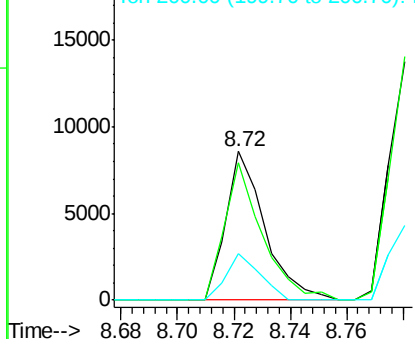


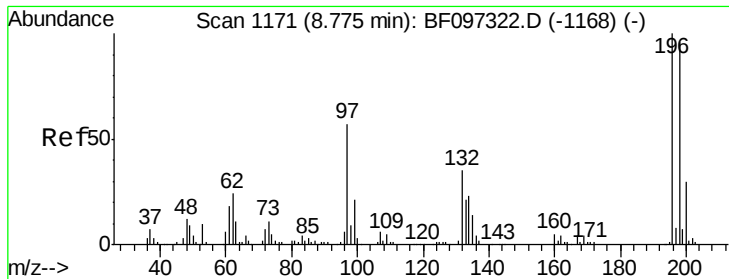
#42
 2,4,6-Trichlorophenol
 Concen: 4.37 ng
 RT: 8.72 min Scan# 1179
 Delta R.T. -0.06 min
 Lab File: BF097420.D
 Acq: 6 Aug 2017 5:12

Tgt Ion: 196 Resp: 8176
 Ion Ratio Lower Upper
 196 100
 198 92.5 74.2 111.4
 200 31.5 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

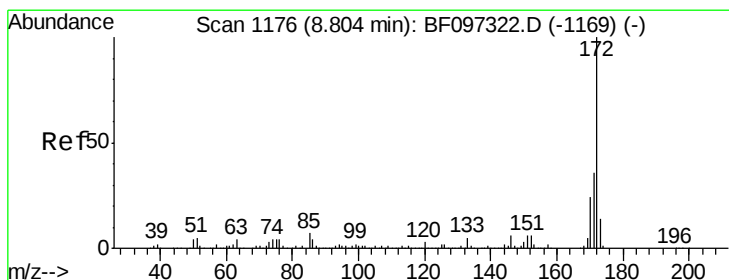
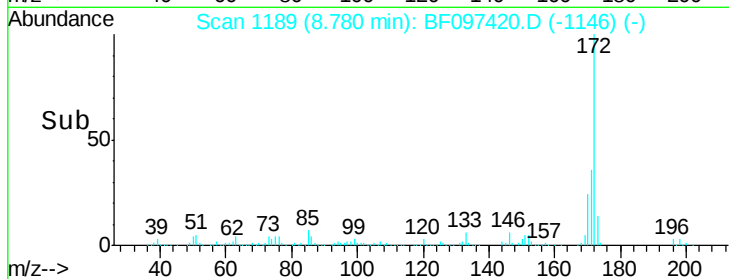
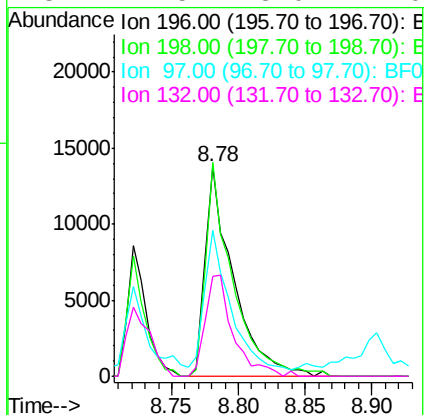
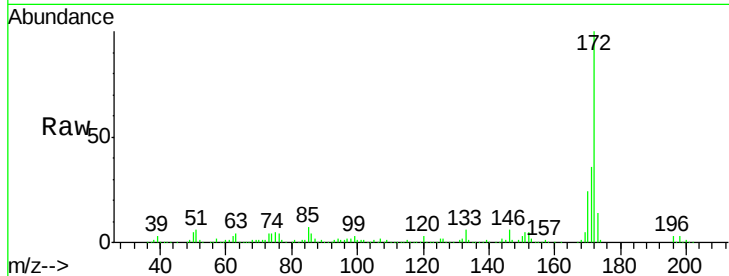




#43
 2,4,5-Trichlorophenol
 Concen: 10.94 ng
 RT: 8.78 min Scan# 1189
 Delta R.T. -0.05 min
 Lab File: BF097420.D
 Acq: 6 Aug 2017 5:12

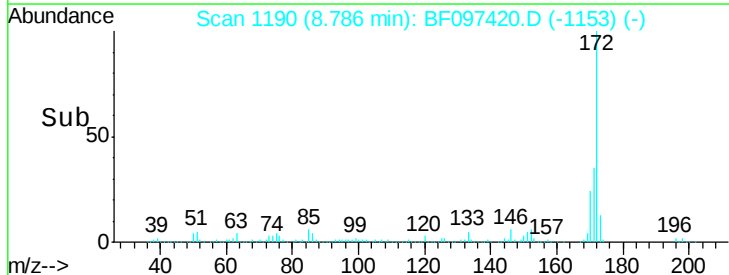
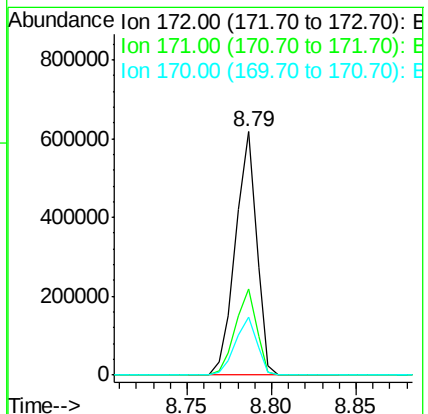
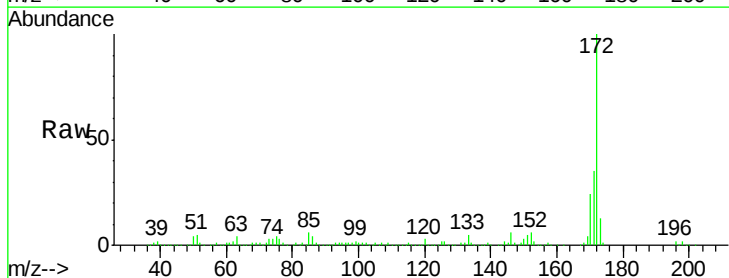
Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMPMSD

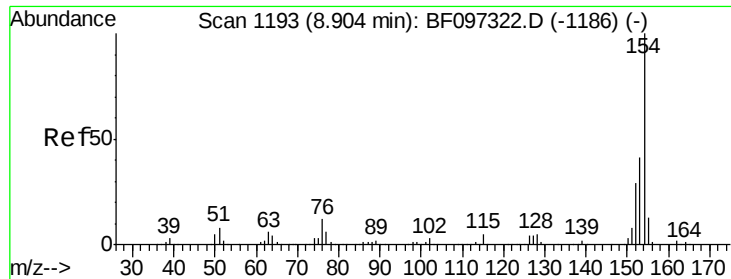
Tgt Ion:	196	Resp:	20484
Ion	Ratio	Lower	Upper
196	100		
198	101.9	75.7	113.5
97	69.6	47.7	71.5
132	47.5	28.0	42.0#



#44
 2-Fluorobiphenyl
 Concen: 94.61 ng
 RT: 8.79 min Scan# 1190
 Delta R.T. -0.08 min
 Lab File: BF097420.D
 Acq: 6 Aug 2017 5:12

Tgt Ion:	172	Resp:	539372
Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.9	19.8	29.8

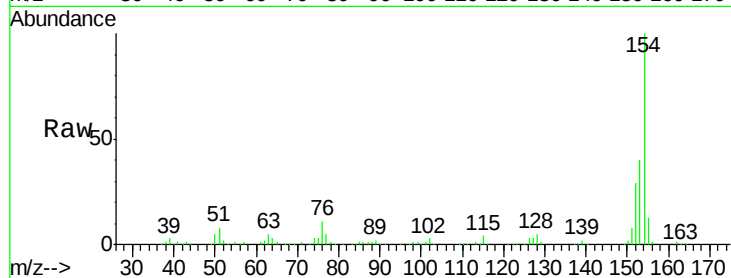




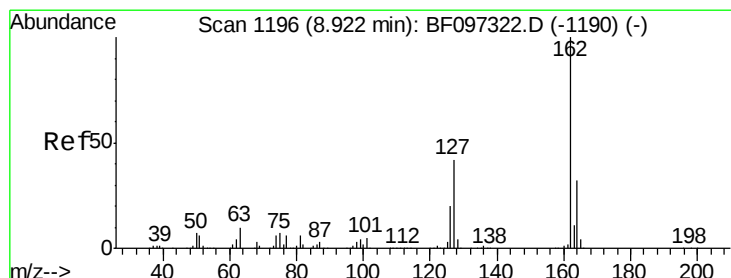
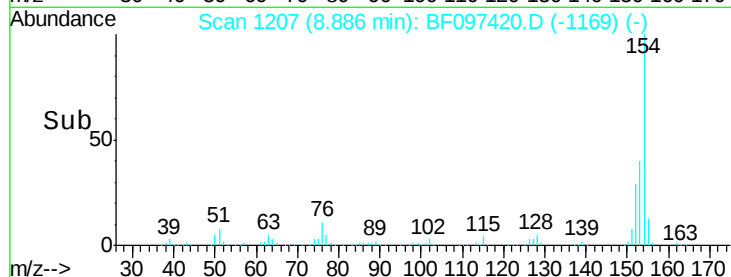
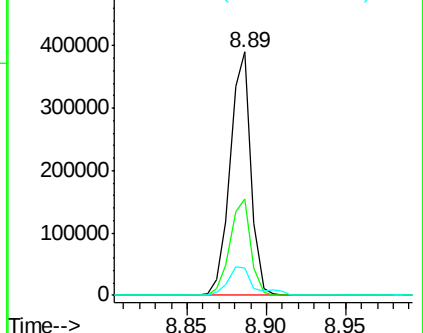
#45
1,1'-Biphenyl
Concen: 42.91 ng
RT: 8.89 min Scan# 1207
Delta R.T. -0.08 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMSD

Tgt Ion:154 Resp: 354595
Ion Ratio Lower Upper
154 100
153 39.5 21.2 61.2
76 11.4 0.0 29.9

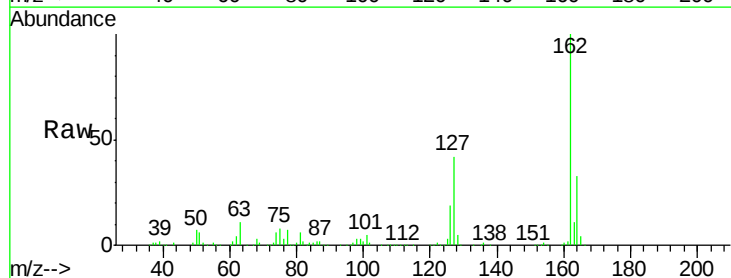


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

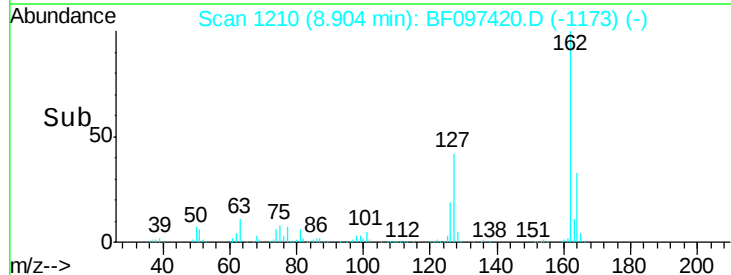
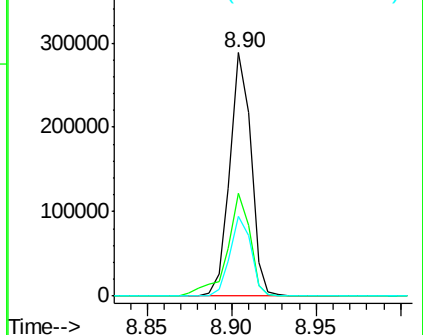


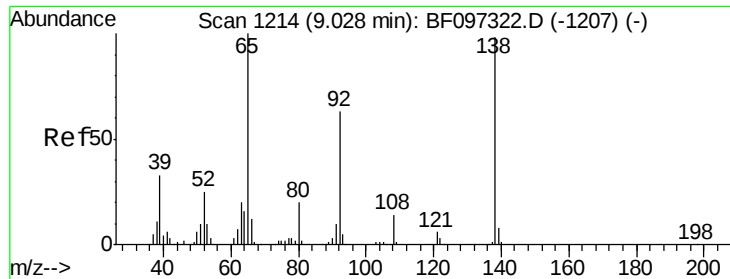
#46
2-Chloronaphthalene
Concen: 41.38 ng
RT: 8.90 min Scan# 1210
Delta R.T. -0.08 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

Tgt Ion:162 Resp: 251663
Ion Ratio Lower Upper
162 100
127 42.0 28.3 42.5
164 32.9 27.0 40.4



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

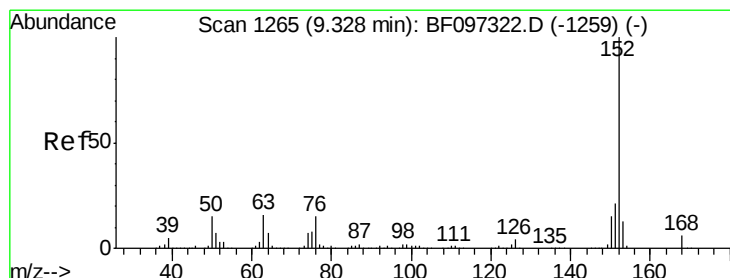
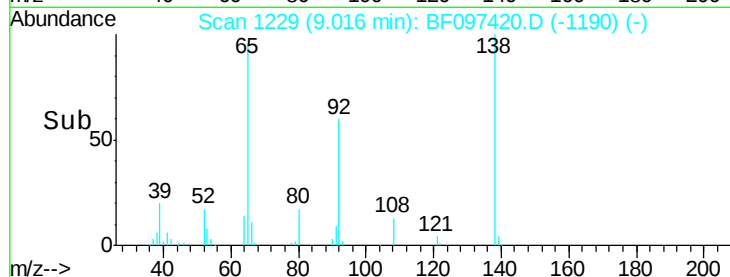
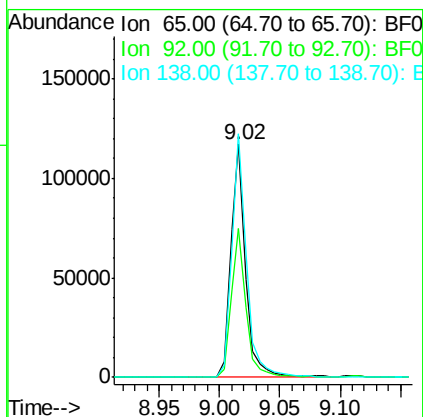
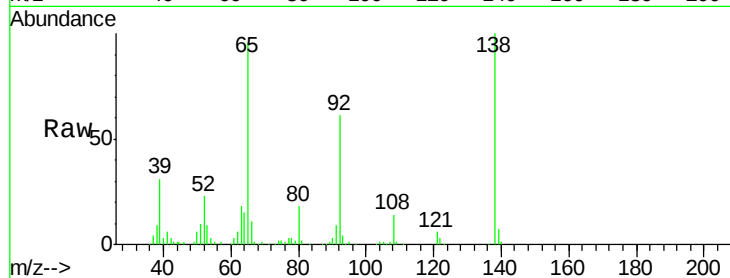




#47
2-Nitroaniline
Concen: 45.08 ng
RT: 9.02 min Scan# 1229
Delta R.T. -0.07 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

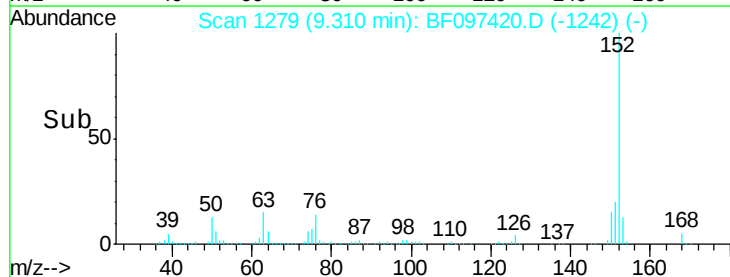
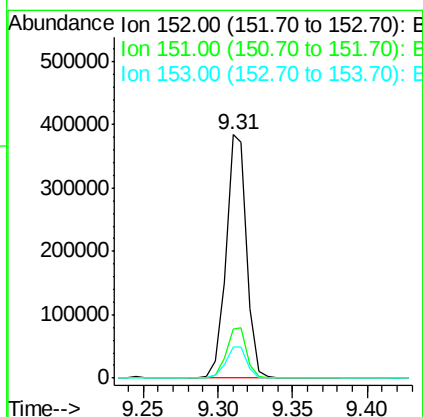
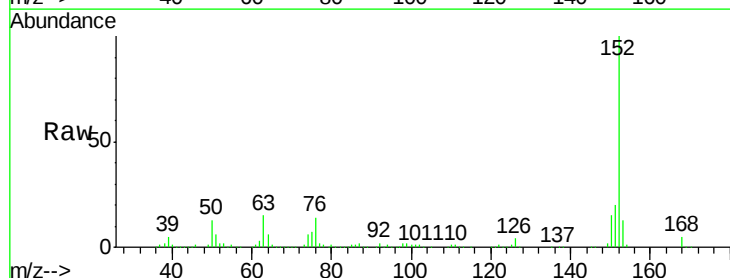
Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMSD

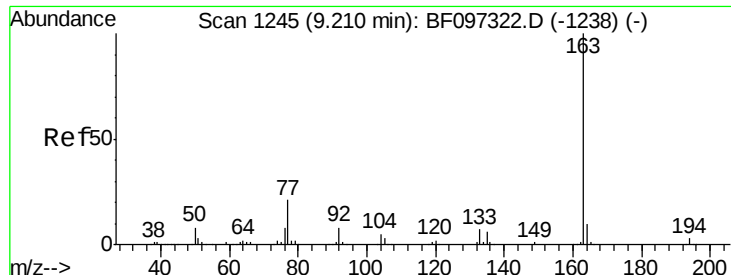
Tgt Ion: 65 Resp: 99485
Ion Ratio Lower Upper
65 100
92 63.9 53.9 80.9
138 104.4 78.8 118.2



#48
Acenaphthylene
Concen: 40.19 ng
RT: 9.31 min Scan# 1279
Delta R.T. -0.08 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

Tgt Ion: 152 Resp: 375144
Ion Ratio Lower Upper
152 100
151 20.1 16.8 25.2
153 13.0 10.8 16.2

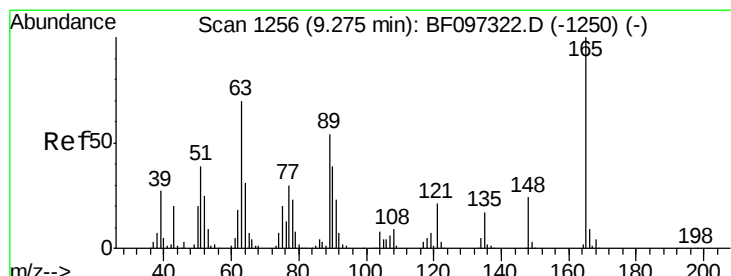
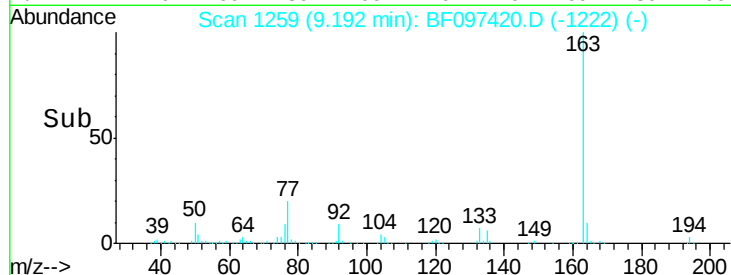
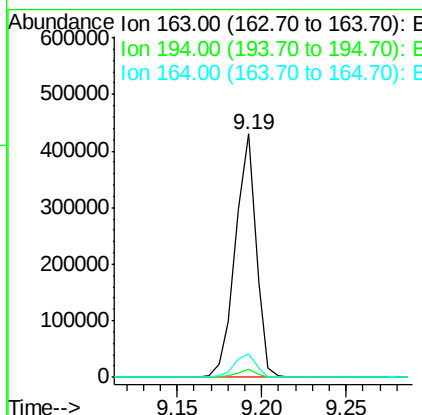
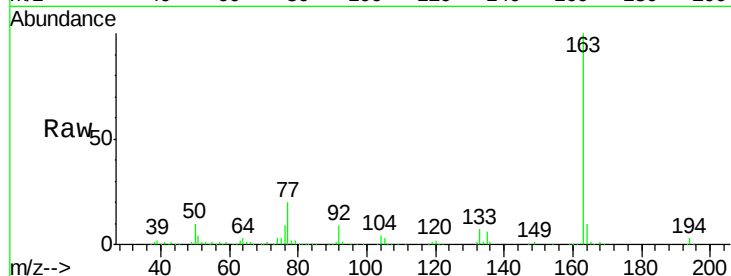




#49
Dimethylphthalate
Concen: 50.08 ng
RT: 9.19 min Scan# 1259
Delta R.T. -0.08 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

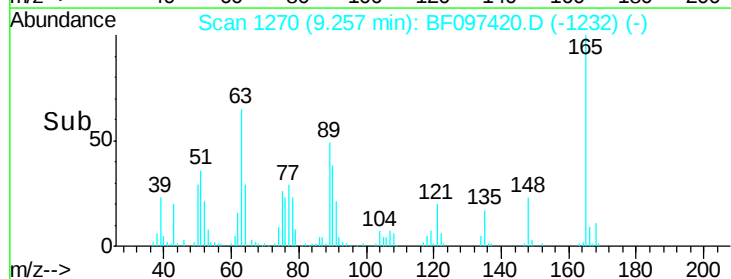
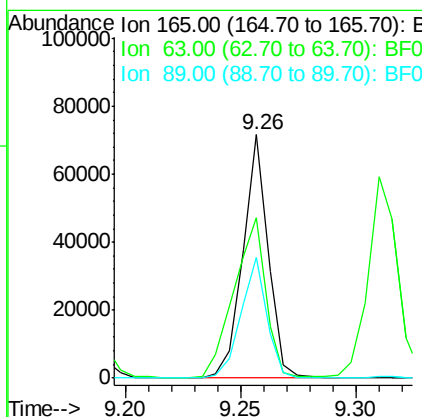
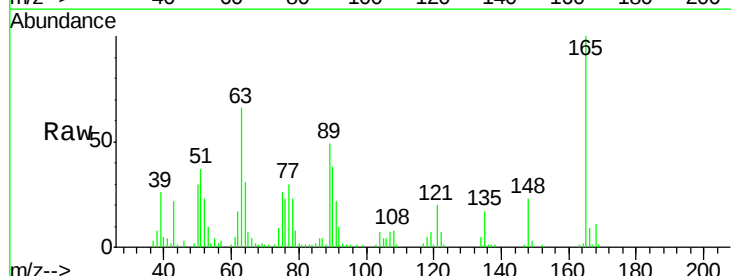
Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMSD

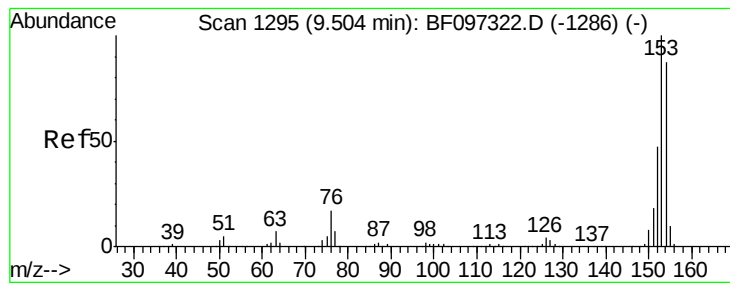
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.5	8.4	12.6



#50
2,6-Dinitrotoluene
Concen: 35.20 ng
RT: 9.26 min Scan# 1270
Delta R.T. -0.08 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	66.1	34.3	51.5#
89	49.4	37.1	55.7





#51

Acenaphthene

Concen: 39.06 ng

RT: 9.49 min Scan# 1309

Delta R.T. -0.08 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMSD

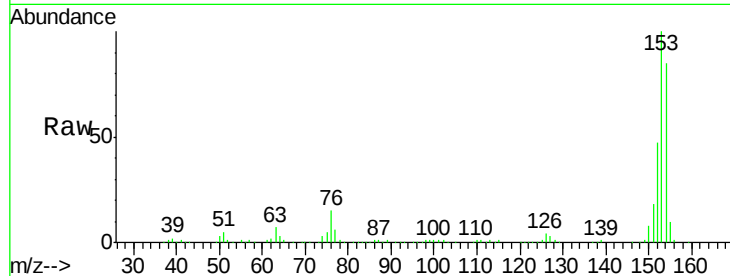
Tgt Ion:154 Resp: 214760

Ion Ratio Lower Upper

154 100

153 118.3 90.5 135.7

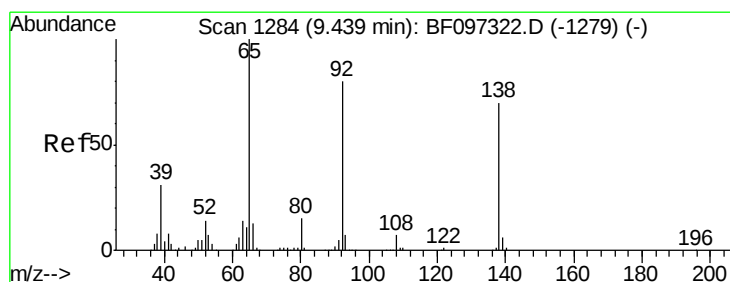
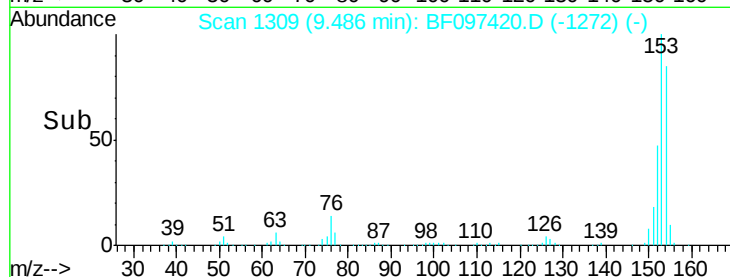
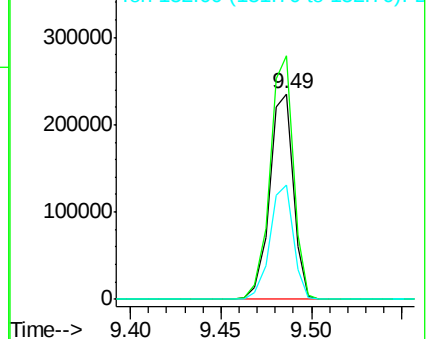
152 55.5 43.6 65.4



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: 43.99 ng

RT: 9.43 min Scan# 1299

Delta R.T. -0.07 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

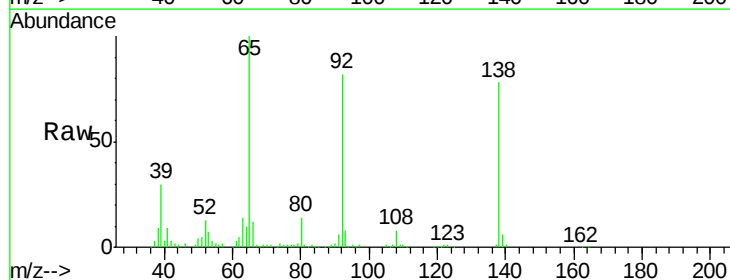
Tgt Ion:138 Resp: 85082

Ion Ratio Lower Upper

138 100

108 10.3 9.1 13.7

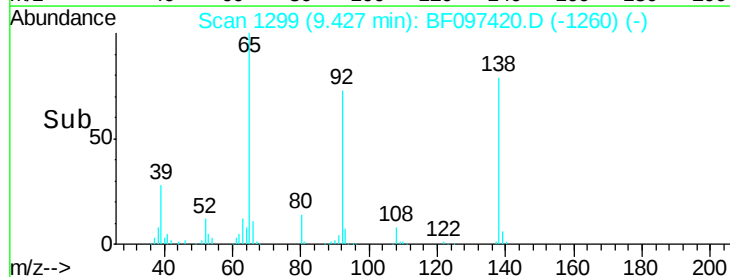
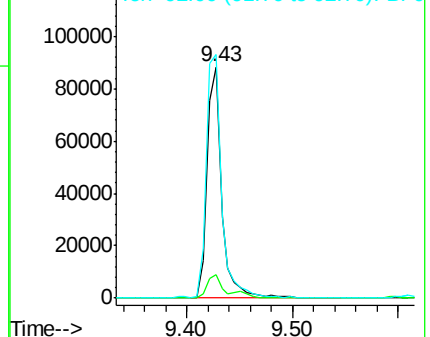
92 105.4 93.8 140.6

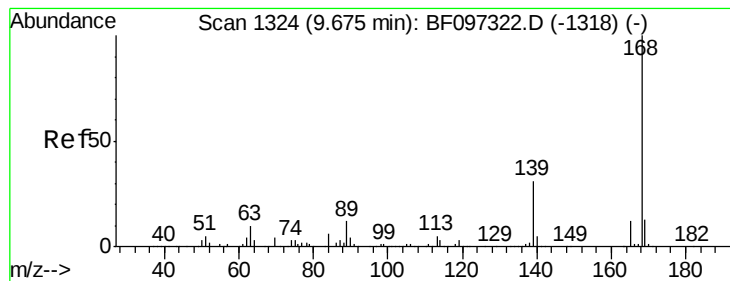


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzofuran

Concen: 44.21 ng

RT: 9.66 min Scan# 1338

Delta R.T. -0.08 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMSD

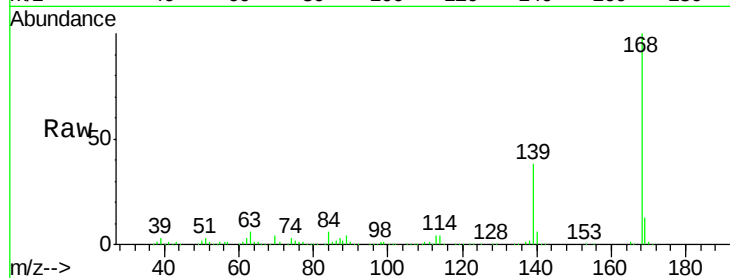
Tgt Ion:168 Resp: 323784

Ion Ratio Lower Upper

168 100

139 38.5 30.6 45.8

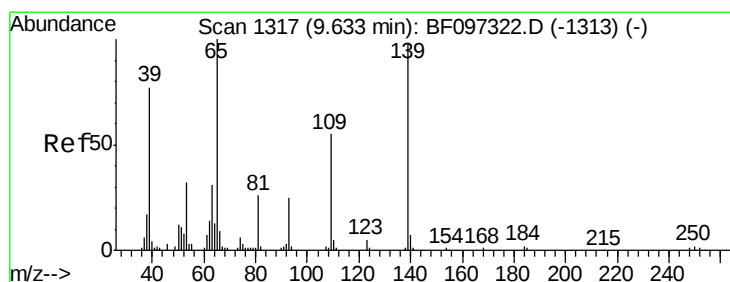
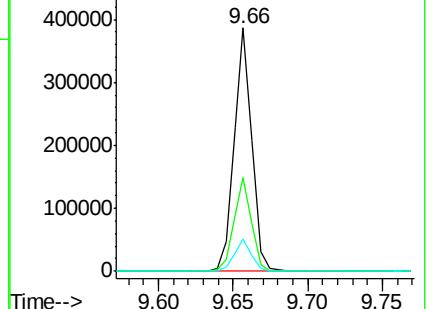
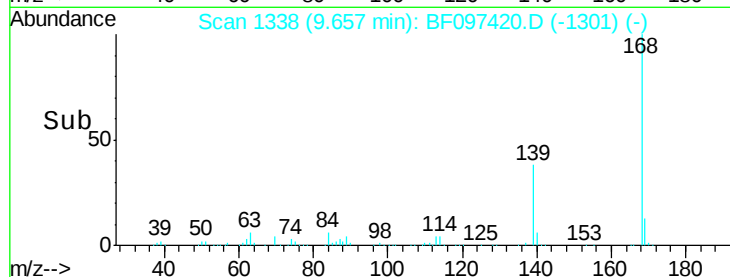
169 13.1 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 107.46 ng

RT: 9.66 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

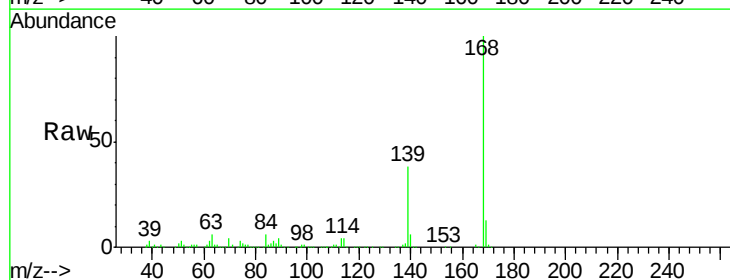
Tgt Ion:139 Resp: 123601

Ion Ratio Lower Upper

139 100

109 0.9 34.1 74.1#

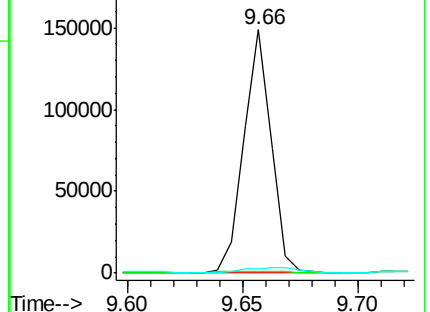
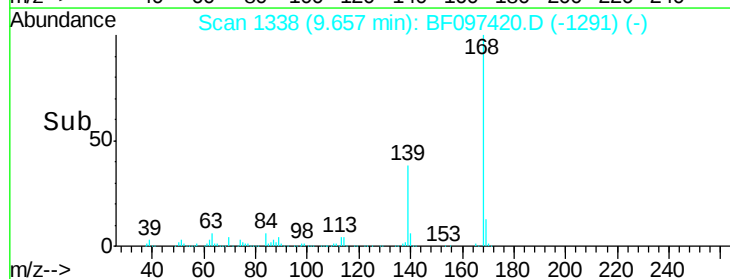
65 1.8 31.4 71.4#

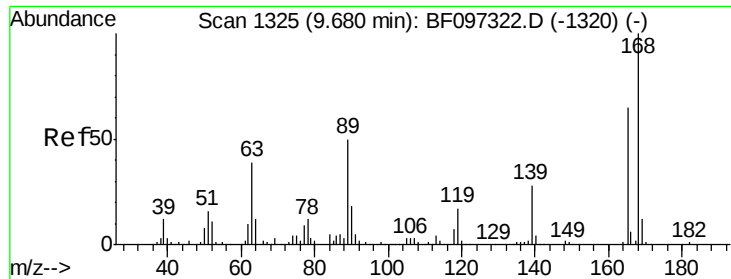


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 34.76 ng

RT: 9.67 min Scan# 1340

Delta R.T. -0.06 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMSD

Tgt Ion:165 Resp: 62264

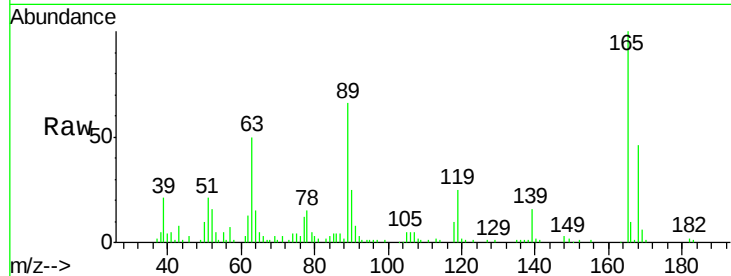
Ion Ratio Lower Upper

165 100

63 49.5 25.4 38.0#

89 66.4 46.4 69.6

182 1.9 1.8 2.6

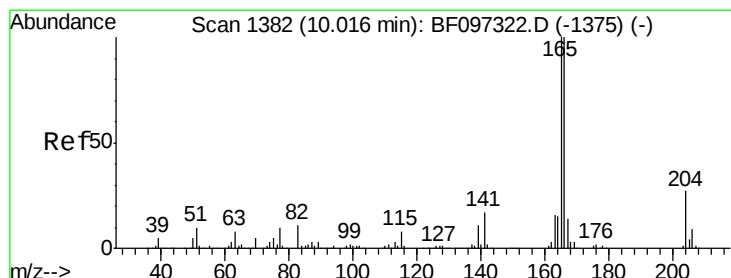
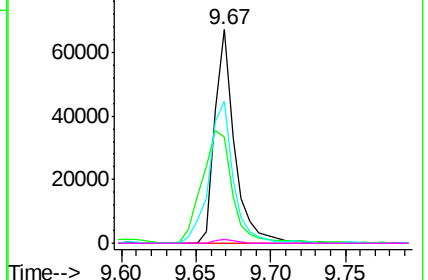
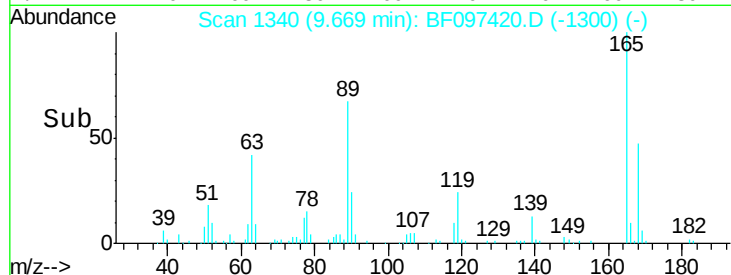


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 42.20 ng

RT: 10.00 min Scan# 1396

Delta R.T. -0.08 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

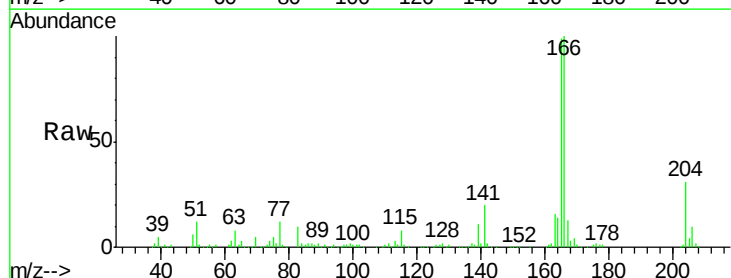
Tgt Ion:166 Resp: 232263

Ion Ratio Lower Upper

166 100

165 99.2 78.8 118.2

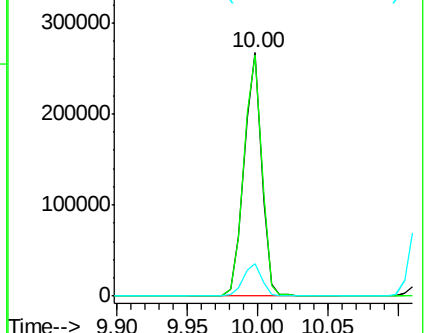
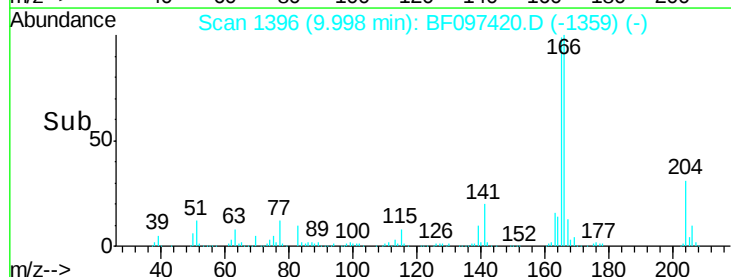
167 13.3 10.6 16.0

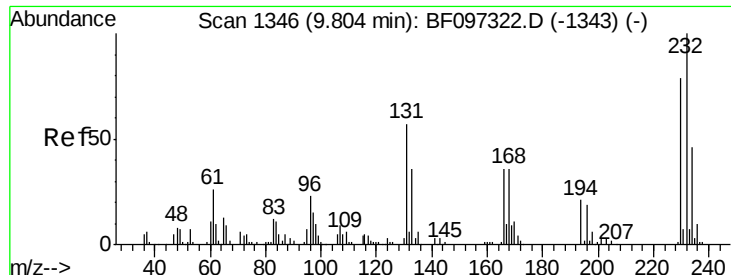


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

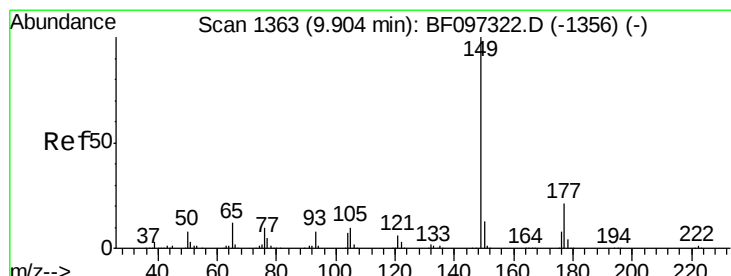
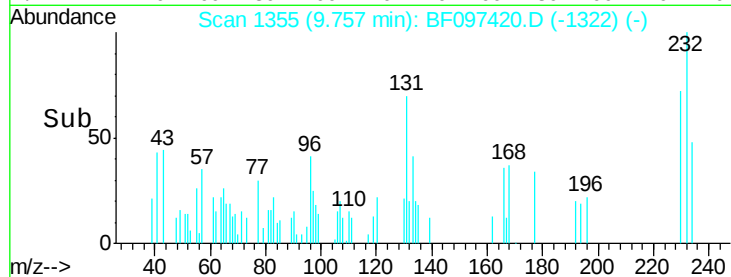
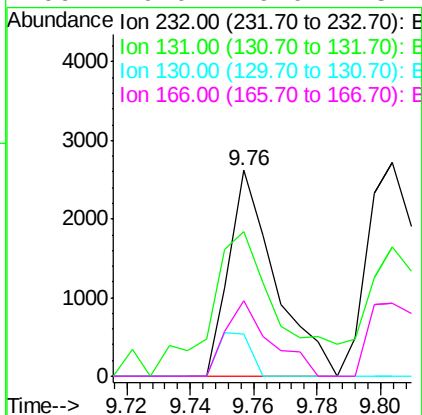
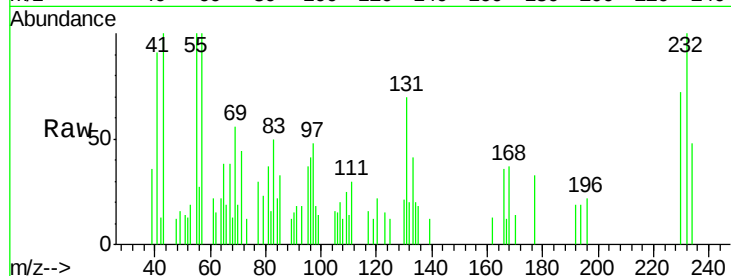




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.06 ng
 RT: 9.76 min Scan# 1355
 Delta R.T. -0.11 min
 Lab File: BF097420.D
 Acq: 6 Aug 2017 5:12

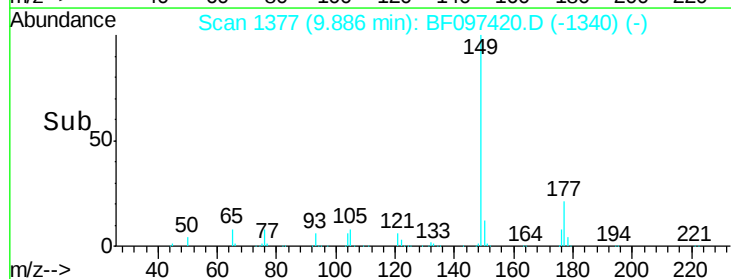
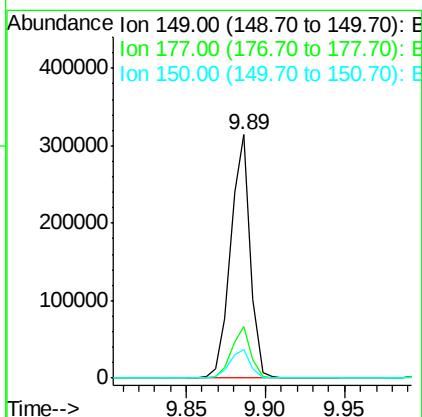
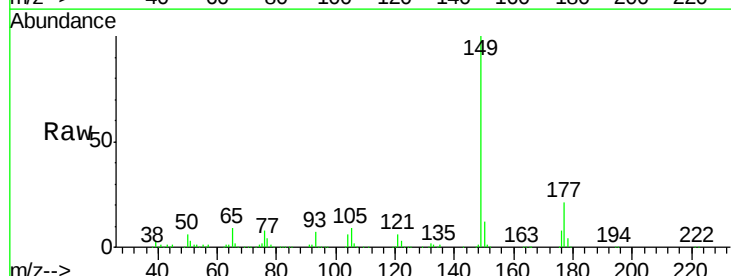
Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMPMSD

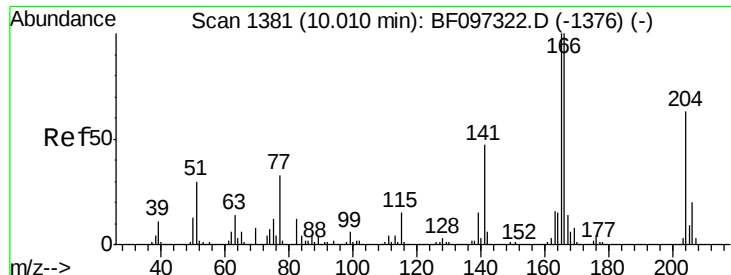
Tgt Ion: 232 Resp: 2657
 Ion Ratio Lower Upper
 232 100
 131 109.3 44.8 67.2#
 130 14.6 2.3 3.5#
 166 0.0 29.0 43.4#



#59
 Diethylphthalate
 Concen: 39.83 ng
 RT: 9.89 min Scan# 1377
 Delta R.T. -0.08 min
 Lab File: BF097420.D
 Acq: 6 Aug 2017 5:12

Tgt Ion: 149 Resp: 268460
 Ion Ratio Lower Upper
 149 100
 177 21.2 16.7 25.1
 150 11.7 10.2 15.2

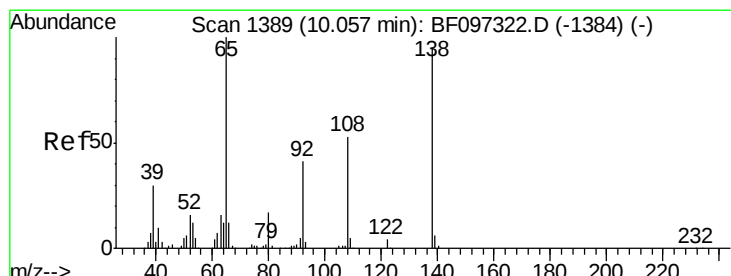
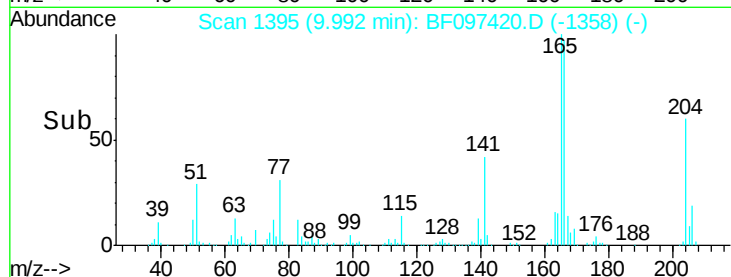
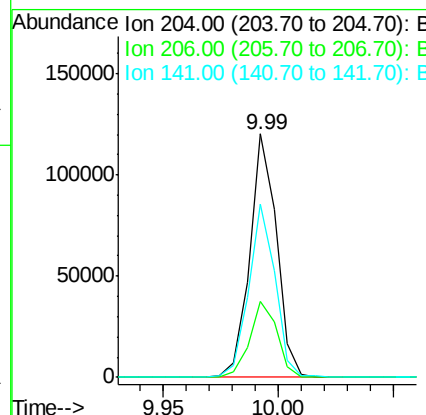
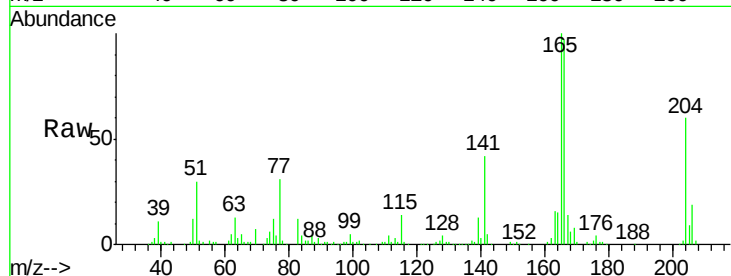




#60
 4-Chlorophenyl-phenylether
 Concen: 42.95 ng
 RT: 9.99 min Scan# 1395
 Delta R.T. -0.08 min
 Lab File: BF097420.D
 Acq: 6 Aug 2017 5:12

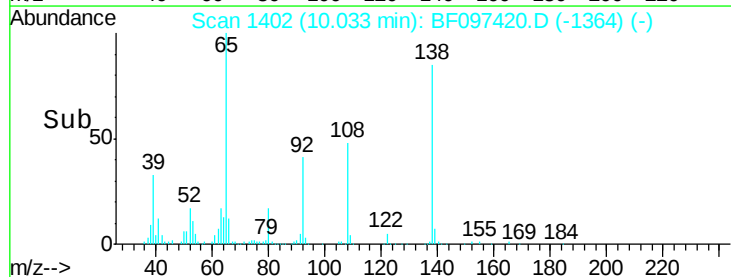
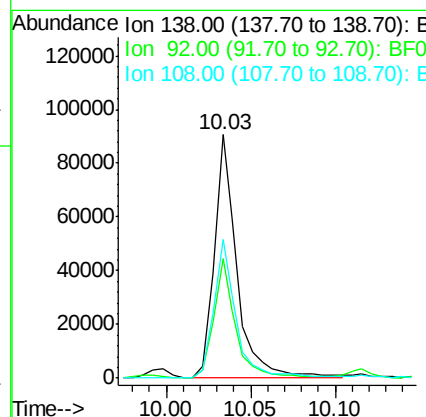
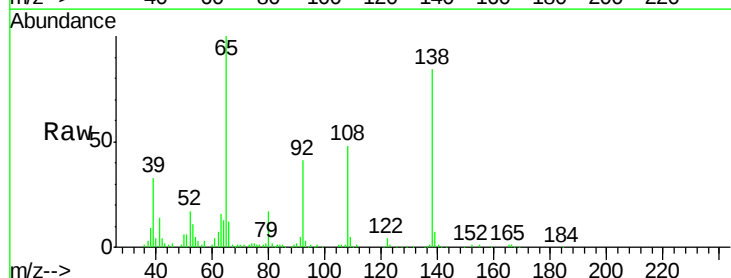
Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMPMSD

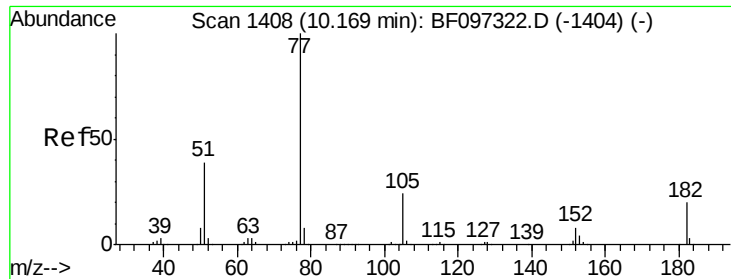
Tgt Ion:204 Resp: 97628
 Ion Ratio Lower Upper
 204 100
 206 31.0 26.2 39.2
 141 70.9 60.8 91.2



#61
 4-Nitroaniline
 Concen: 46.45 ng
 RT: 10.03 min Scan# 1402
 Delta R.T. -0.08 min
 Lab File: BF097420.D
 Acq: 6 Aug 2017 5:12

Tgt Ion:138 Resp: 85370
 Ion Ratio Lower Upper
 138 100
 92 49.0 21.8 61.8
 108 56.9 42.3 82.3





#62

Azobenzene

Concen: 39.10 ng

RT: 10.15 min Scan# 1422

Delta R.T. -0.08 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMSD

Tgt Ion: 77 Resp: 244495

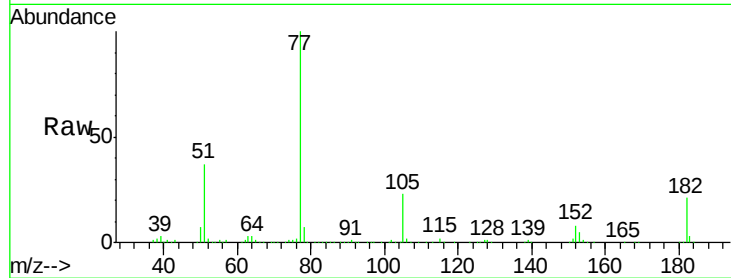
Ion Ratio Lower Upper

77 100

182 21.1 0.1 40.1

105 23.0 3.6 43.6

51 37.1 9.4 49.4

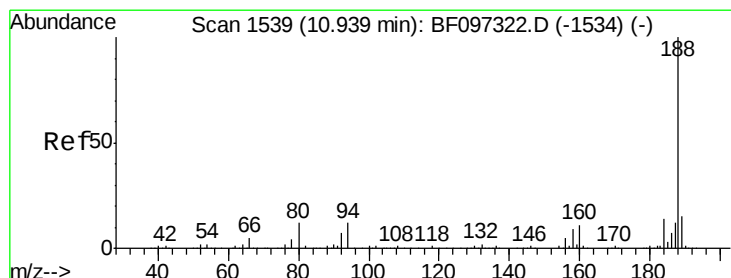
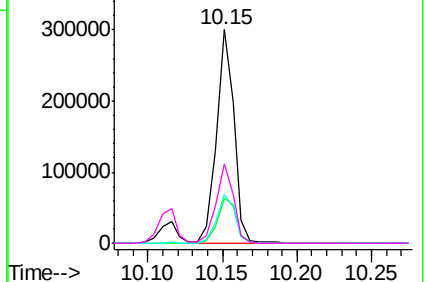
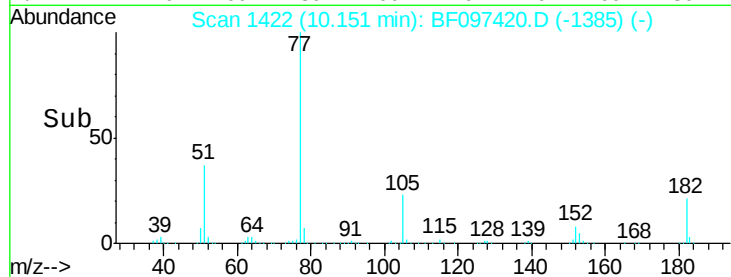


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.92 min Scan# 1553

Delta R.T. -0.08 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

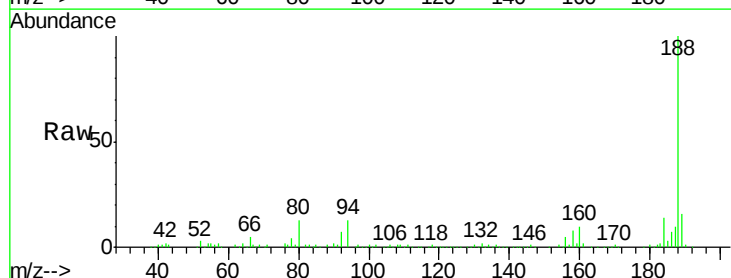
Tgt Ion: 188 Resp: 176226

Ion Ratio Lower Upper

188 100

94 12.6 9.4 14.2

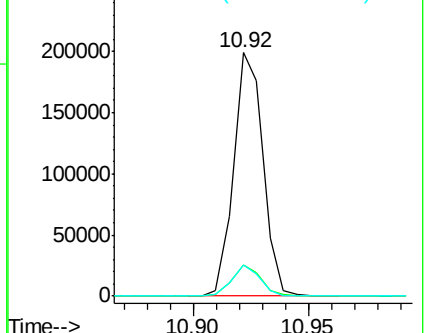
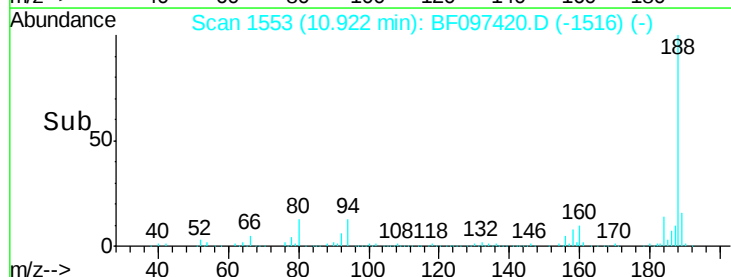
80 12.9 10.2 15.2

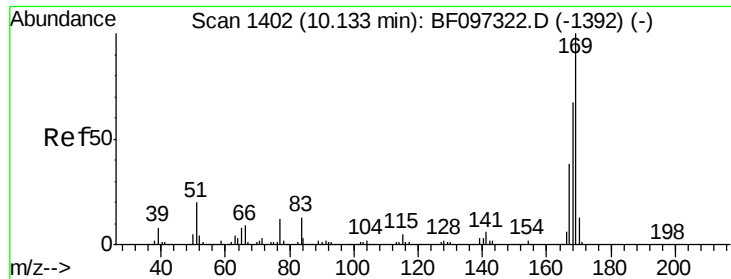


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

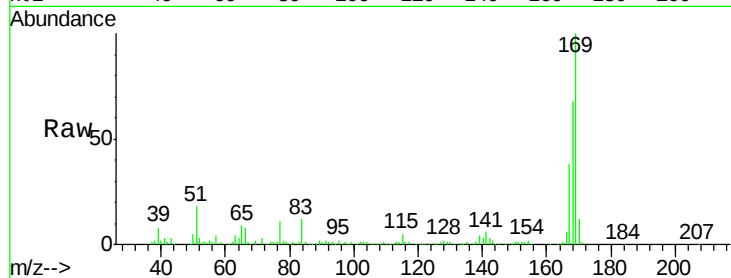




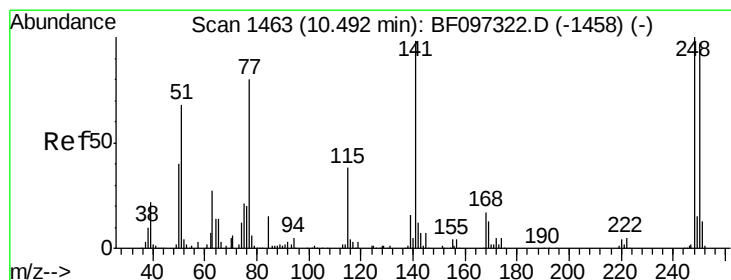
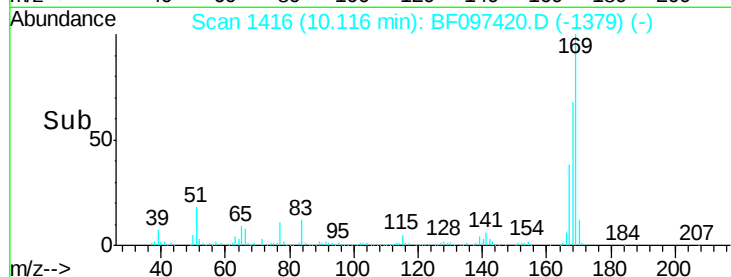
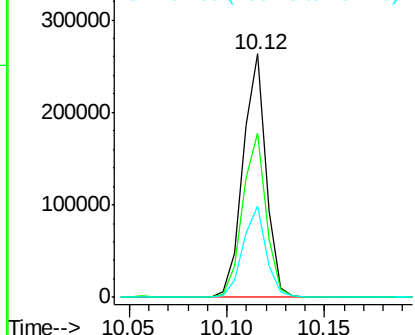
#65
n-Nitrosodiphenylamine
Concen: 35.20 ng
RT: 10.12 min Scan# 1416
Delta R.T. -0.08 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMSD

Tgt Ion:169 Resp: 215811
Ion Ratio Lower Upper
169 100
168 67.5 53.2 79.8
167 37.7 29.5 44.3

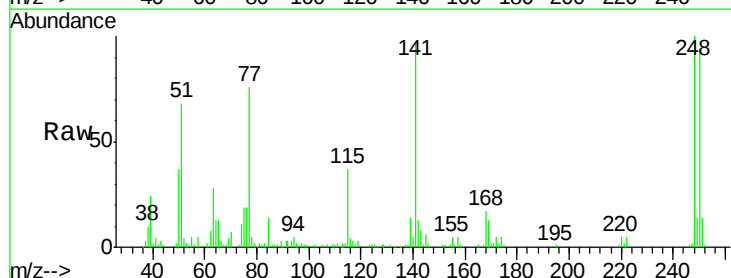


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

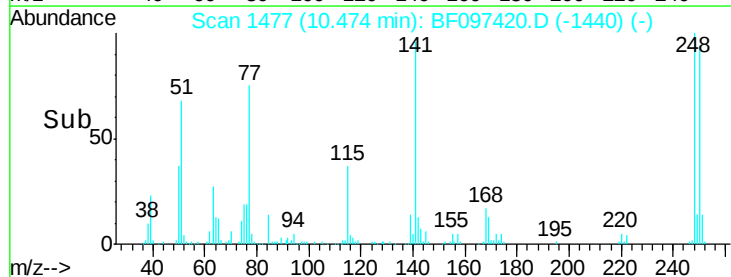
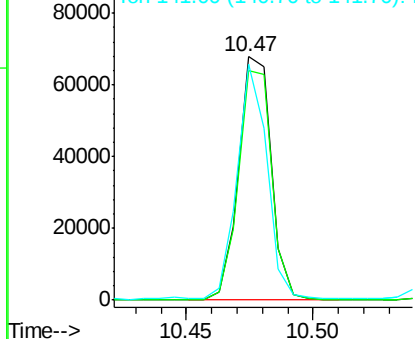


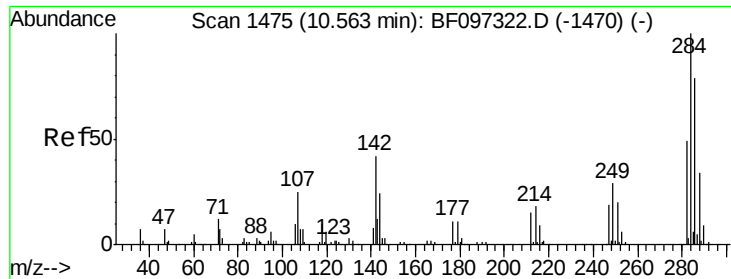
#66
4-Bromophenyl-phenylether
Concen: 34.63 ng
RT: 10.47 min Scan# 1477
Delta R.T. -0.08 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

Tgt Ion:248 Resp: 60901
Ion Ratio Lower Upper
248 100
250 94.3 76.8 115.2
141 97.0 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

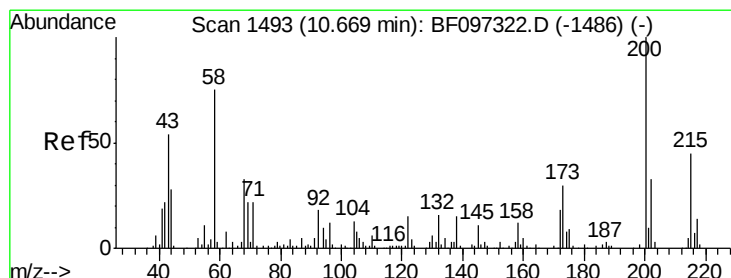
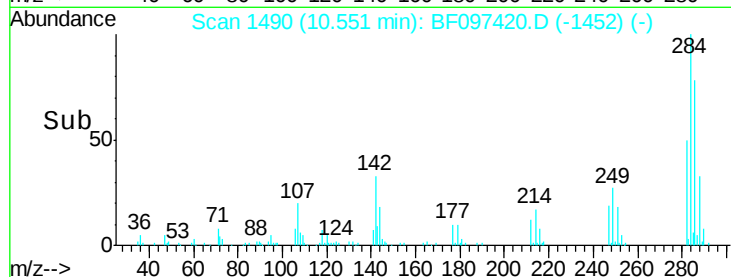
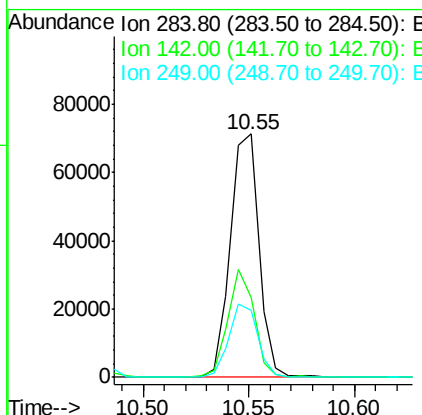
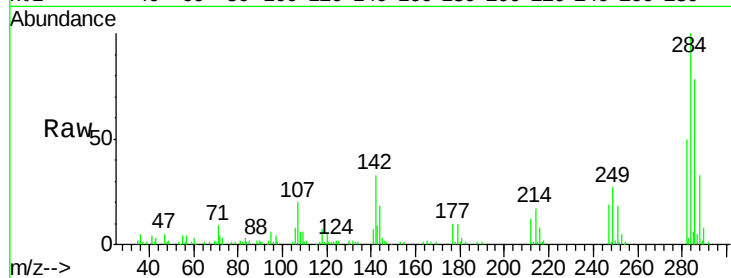




#67
Hexachlorobenzene
Concen: 33.77 ng
RT: 10.55 min Scan# 1490
Delta R.T. -0.08 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

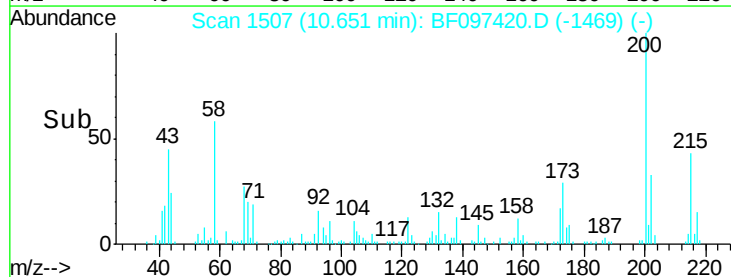
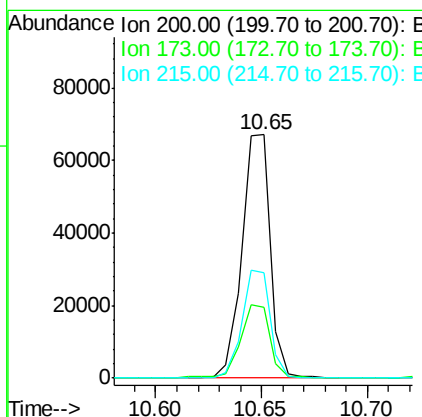
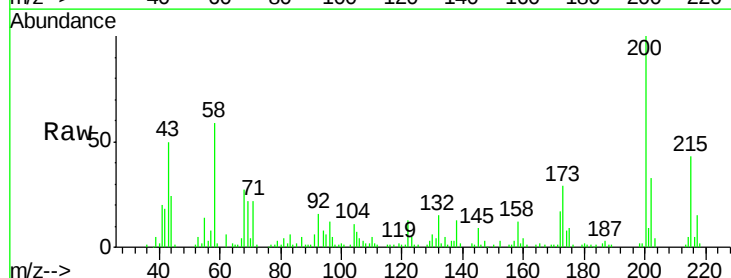
Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMSD

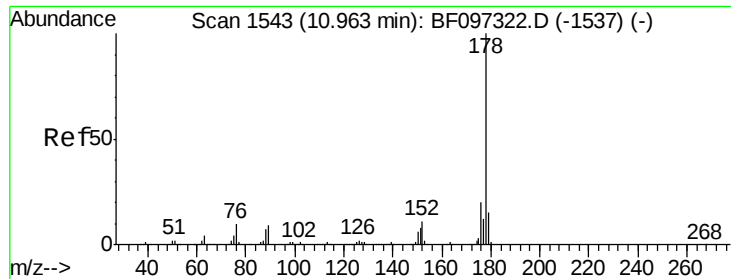
Tgt Ion:284 Resp: 66600
Ion Ratio Lower Upper
284 100
142 32.6 22.8 34.2
249 27.5 24.0 36.0



#68
Atrazine
Concen: 35.39 ng
RT: 10.65 min Scan# 1507
Delta R.T. -0.08 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

Tgt Ion:200 Resp: 62221
Ion Ratio Lower Upper
200 100
173 28.8 6.3 46.3
215 43.3 27.2 67.2

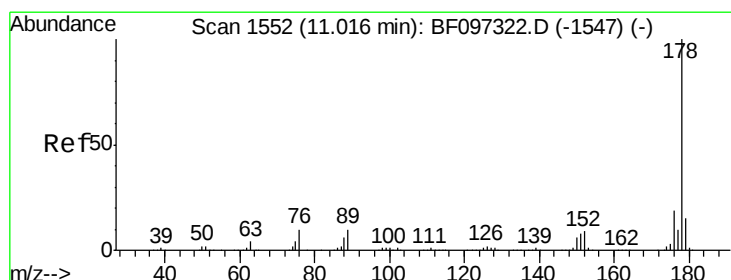
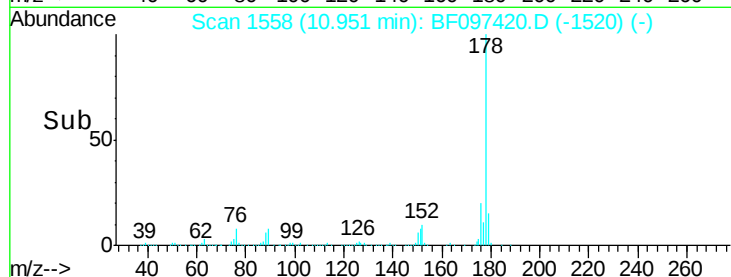
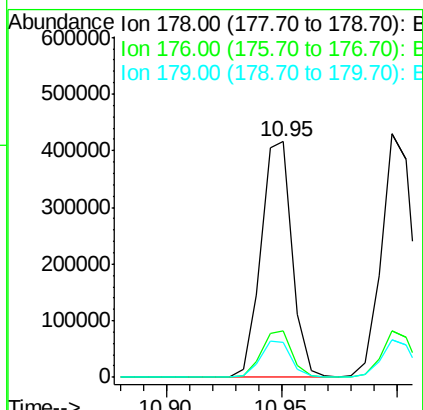
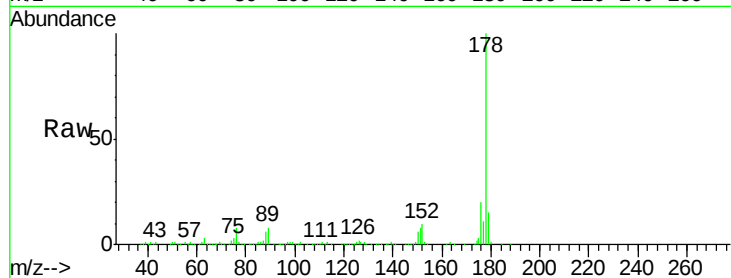




#70
Phenanthrene
Concen: 41.46 ng
RT: 10.95 min Scan# 1558
Delta R.T. -0.08 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

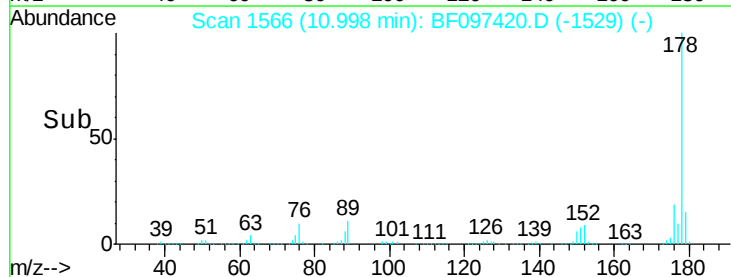
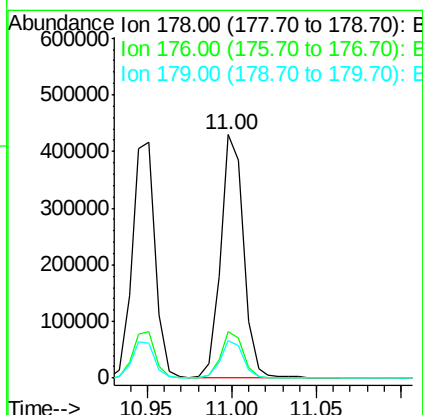
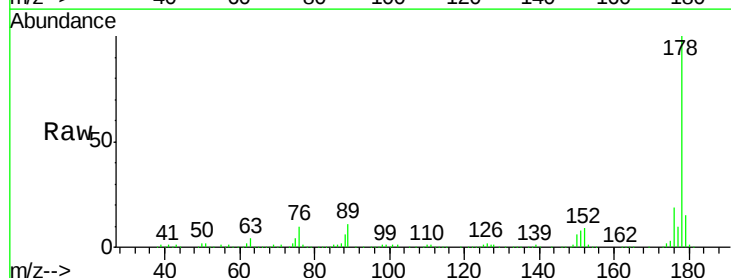
Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMSD

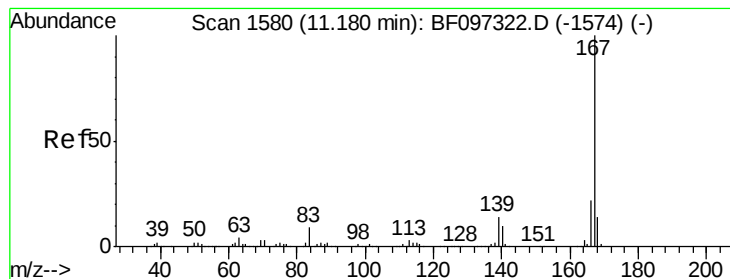
Tgt Ion:178 Resp: 391463
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.4
179 15.0 12.6 19.0



#71
Anthracene
Concen: 41.90 ng
RT: 11.00 min Scan# 1566
Delta R.T. -0.08 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

Tgt Ion:178 Resp: 405175
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.2 12.7 19.1





#72

Carbazole

Concen: 42.07 ng

RT: 11.16 min Scan# 1594

Delta R.T. -0.08 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMSD

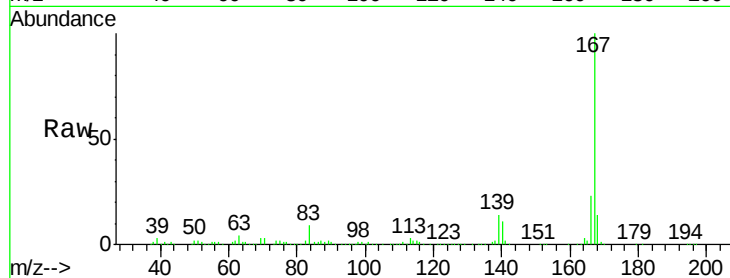
Tgt Ion:167 Resp: 400095

Ion Ratio Lower Upper

167 100

166 22.7 18.1 27.1

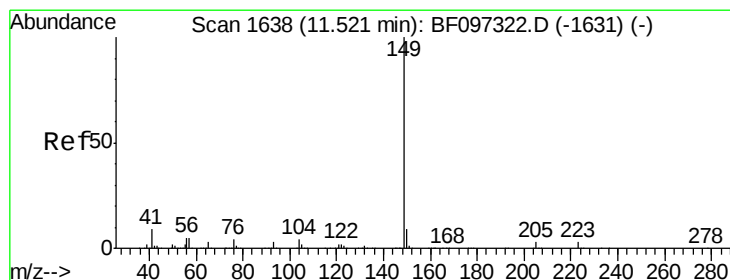
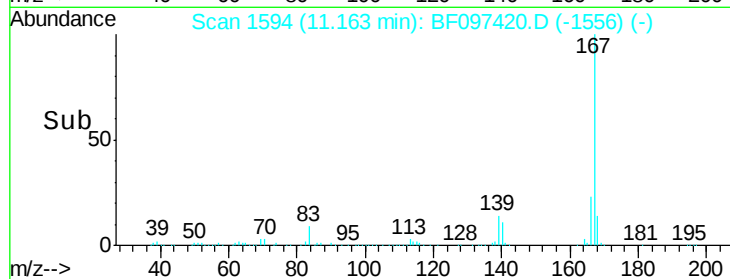
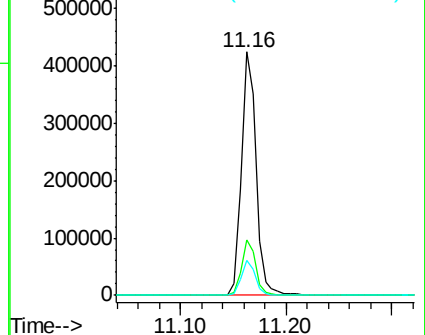
139 14.4 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 36.25 ng

RT: 11.50 min Scan# 1652

Delta R.T. -0.08 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

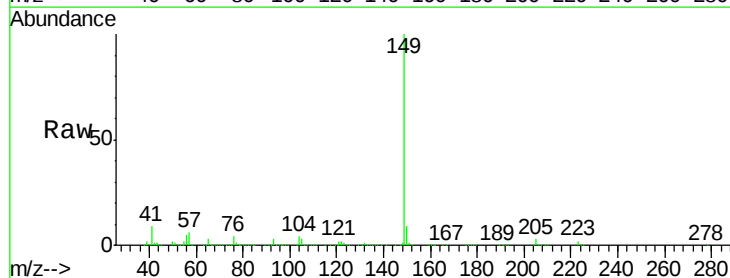
Tgt Ion:149 Resp: 426205

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

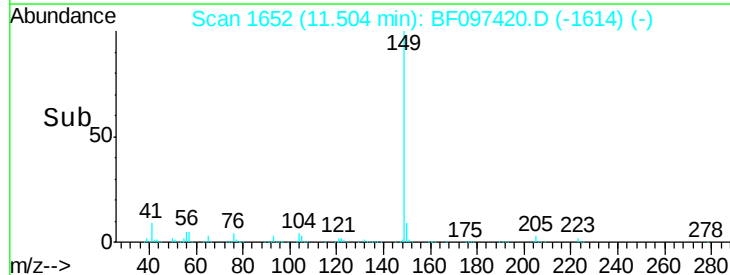
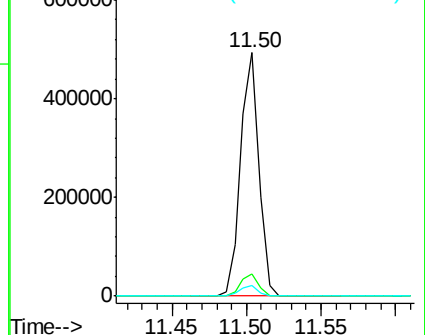
104 4.2 4.0 6.0

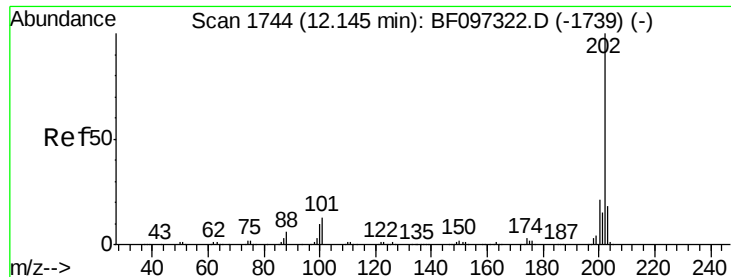


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

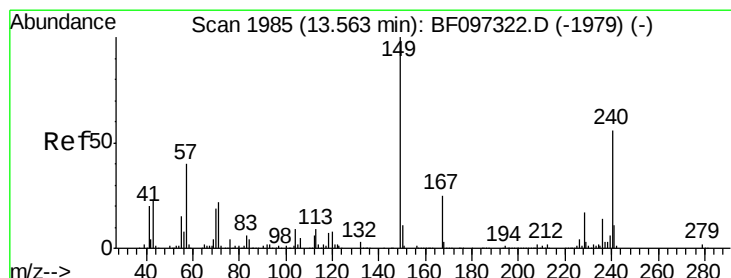
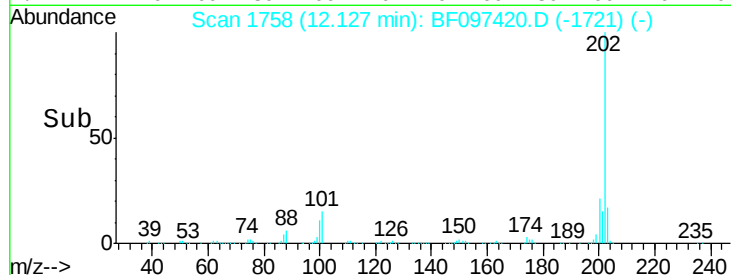
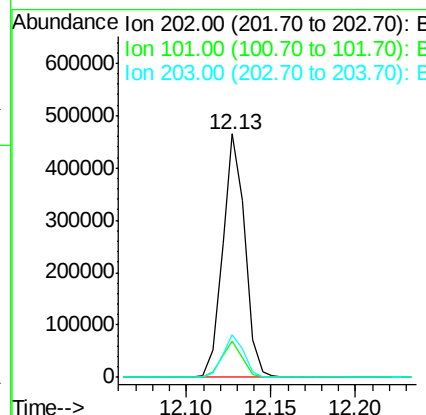
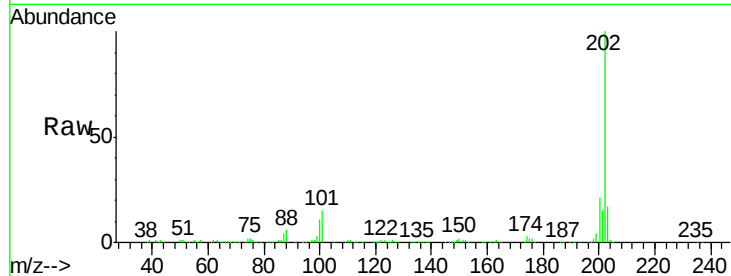




#74
Fluoranthene
Concen: 45.81 ng
RT: 12.13 min Scan# 1758
Delta R.T. -0.08 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

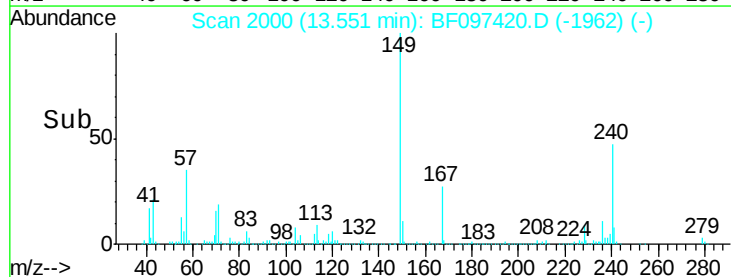
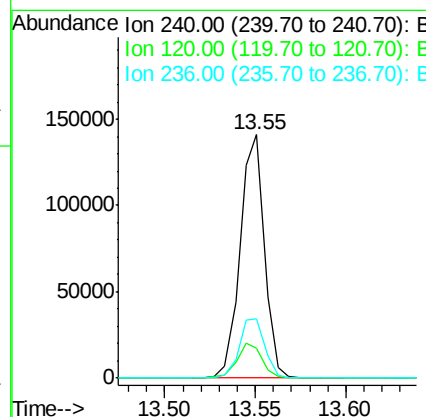
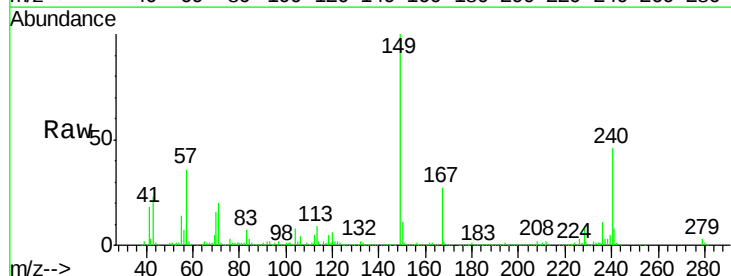
Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMSD

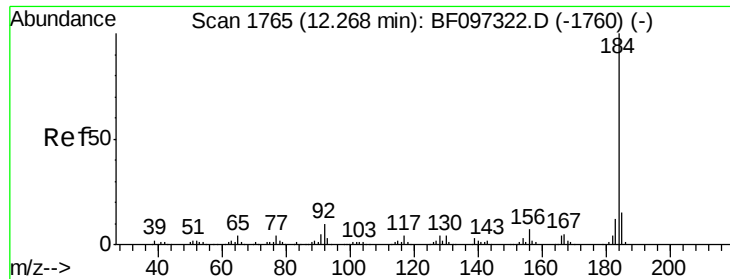
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	33.2
203	17.5	0.0	38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.55 min Scan# 2000
Delta R.T. -0.08 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	5.8	8.8#
236	24.1	20.5	30.7

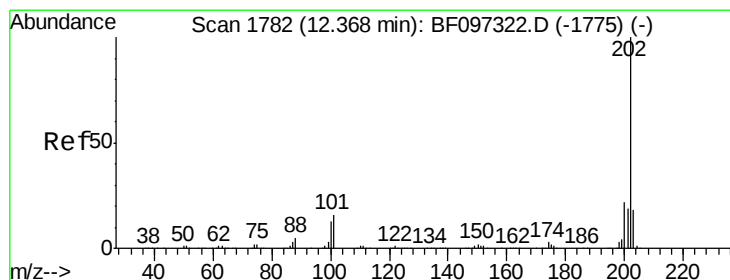
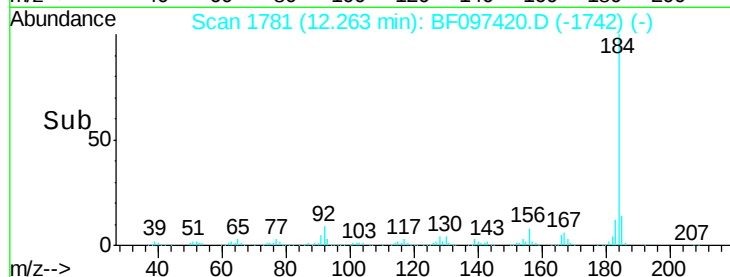
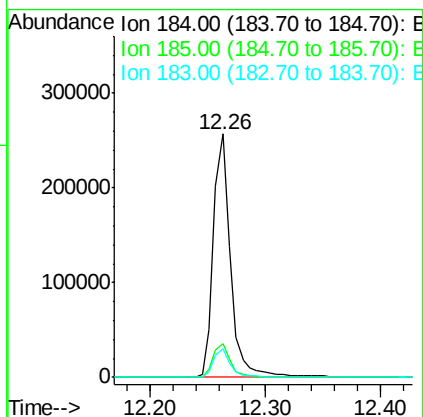
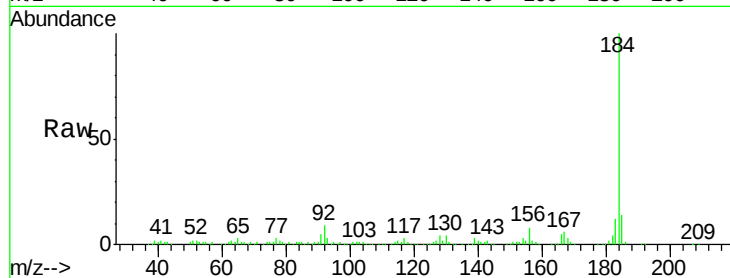




#76
Benzidine
Concen: 54.66 ng
RT: 12.26 min Scan# 1781
Delta R.T. -0.07 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

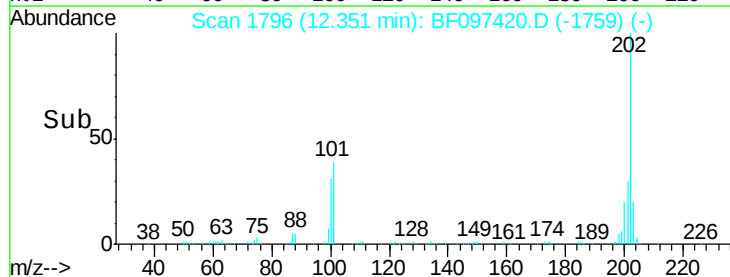
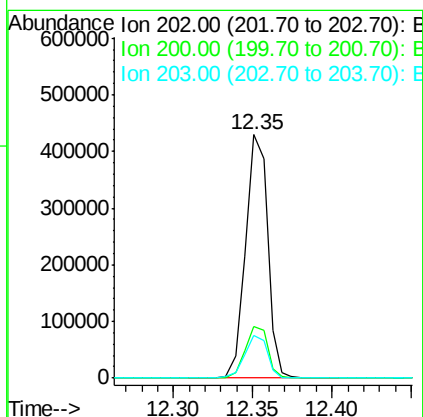
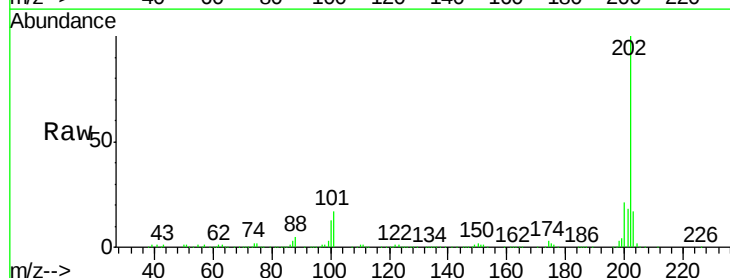
Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMSD

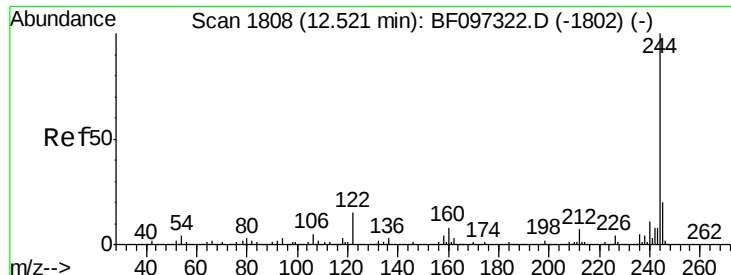
Tgt Ion:184 Resp: 266431
Ion Ratio Lower Upper
184 100
185 13.7 15.5 23.3#
183 11.8 9.8 14.6



#77
Pyrene
Concen: 38.65 ng
RT: 12.35 min Scan# 1796
Delta R.T. -0.08 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

Tgt Ion:202 Resp: 415659
Ion Ratio Lower Upper
202 100
200 21.0 17.6 26.4
203 17.3 14.4 21.6





#78

Terphenyl-d14

Concen: 66.72 ng

RT: 12.50 min Scan# 1822

Delta R.T. -0.08 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMSD

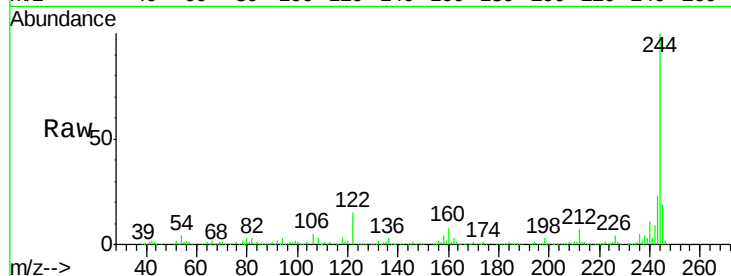
Tgt Ion:244 Resp: 429892

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 15.4 10.3 15.5

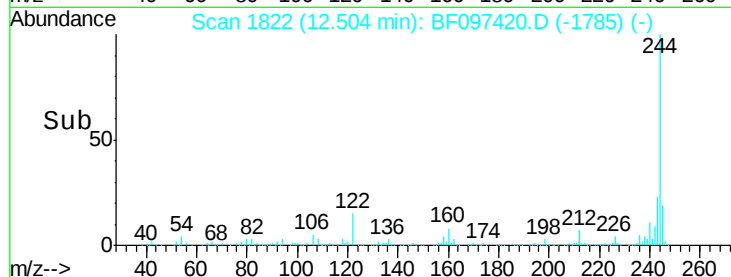


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



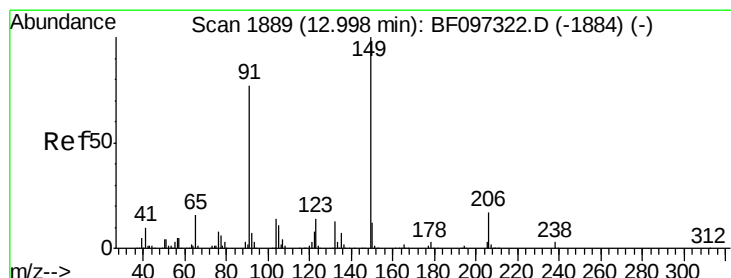
Abundance

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

Time-->



#79

Butylbenzylphthalate

Concen: 38.43 ng

RT: 12.99 min Scan# 1904

Delta R.T. -0.08 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

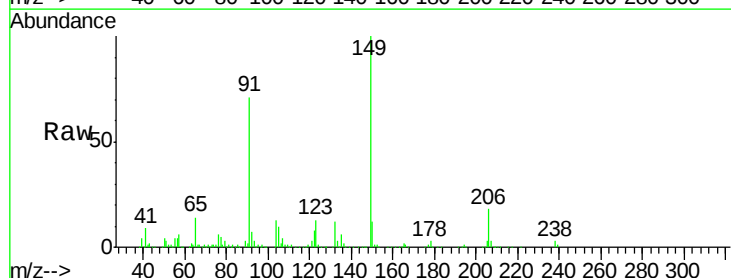
Tgt Ion:149 Resp: 210237

Ion Ratio Lower Upper

149 100

91 70.5 45.0 67.4#

206 17.6 17.0 25.6

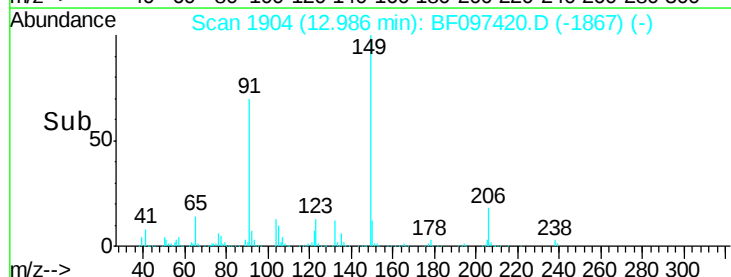


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

Time-->



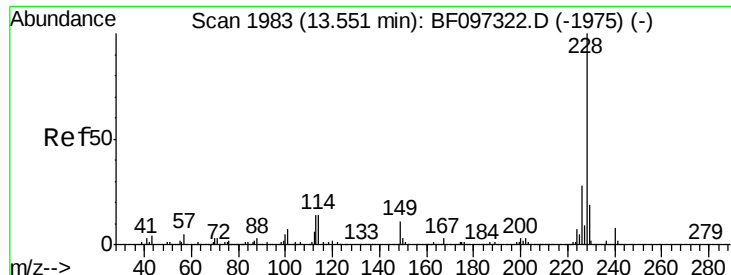
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

Time-->



#80

Benzo(a)anthracene

Concen: 37.88 ng

RT: 13.54 min Scan# 1998

Delta R.T. -0.08 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMSD

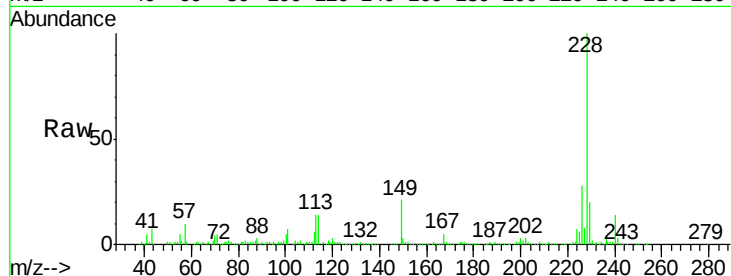
Tgt Ion:228 Resp: 322014

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

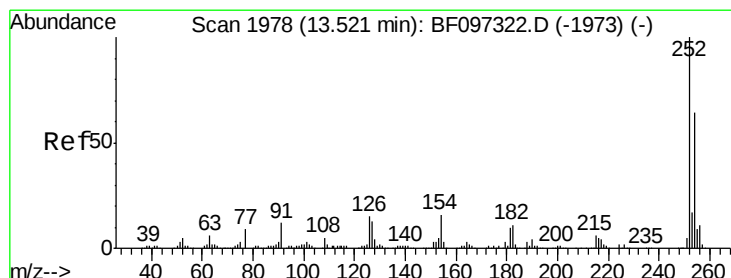
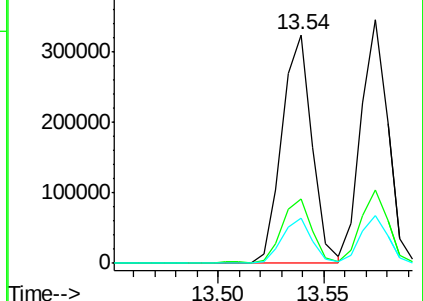
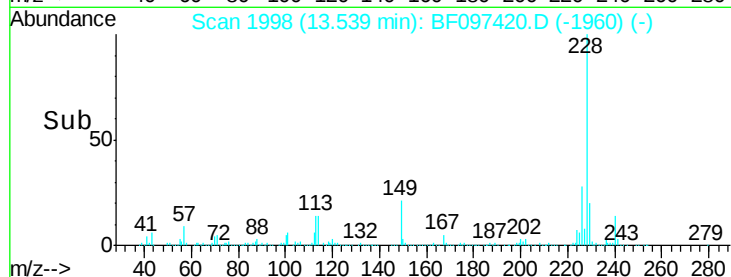
229 20.0 16.3 24.5



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



#81

3,3'-Dichlorobenzidine

Concen: 35.90 ng

RT: 13.50 min Scan# 1992

Delta R.T. -0.08 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

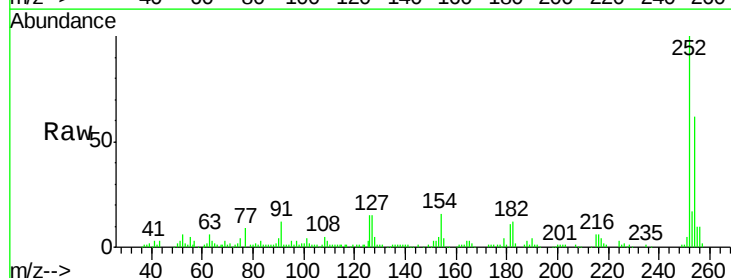
Tgt Ion:252 Resp: 115070

Ion Ratio Lower Upper

252 100

254 62.2 51.5 77.3

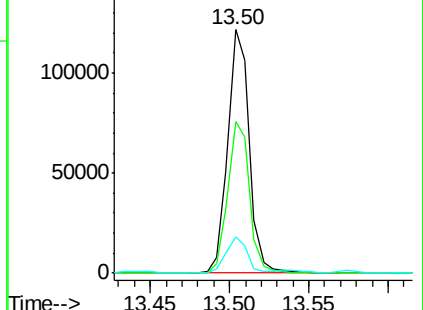
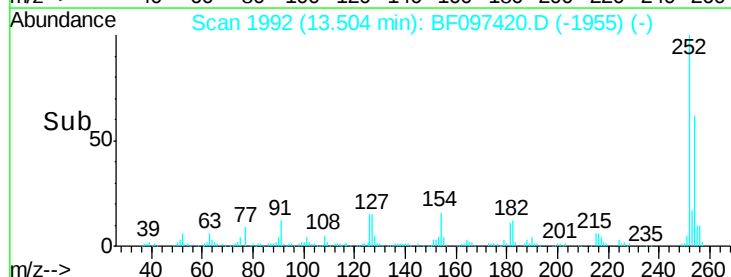
126 15.1 15.8 23.8#

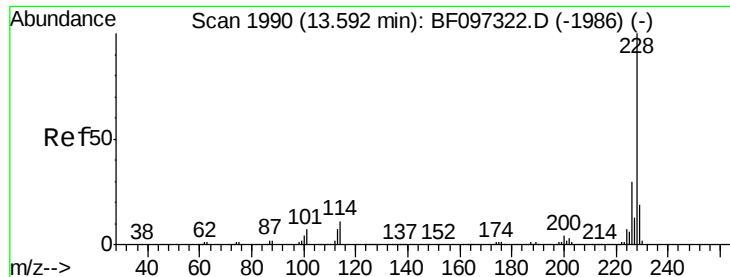


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 36.98 ng

RT: 13.57 min Scan# 2004

Delta R.T. -0.08 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMSD

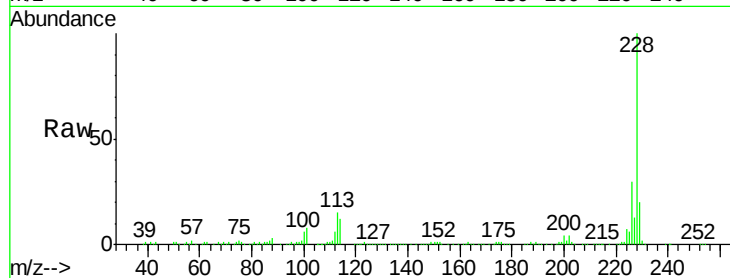
Tgt Ion:228 Resp: 306933

Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

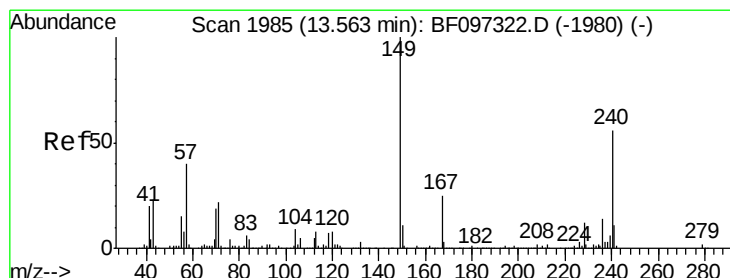
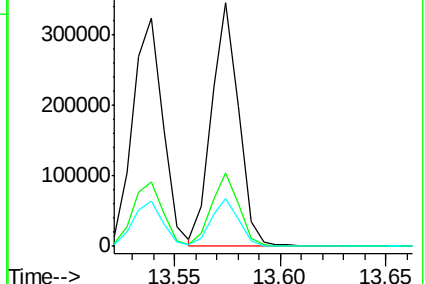
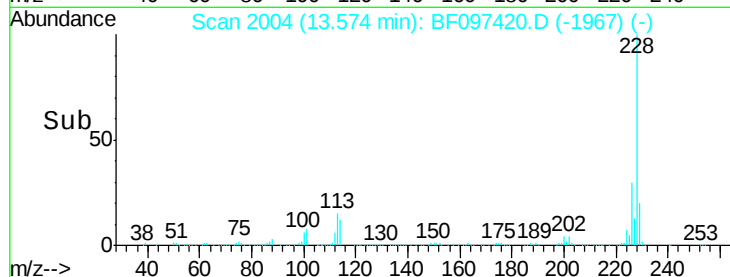
229 19.7 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 38.42 ng

RT: 13.55 min Scan# 2000

Delta R.T. -0.08 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

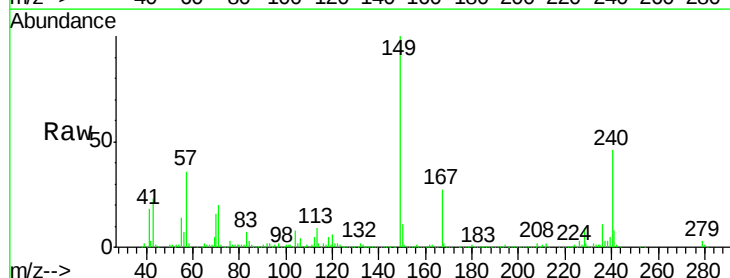
Tgt Ion:149 Resp: 274443

Ion Ratio Lower Upper

149 100

167 26.8 21.0 31.4

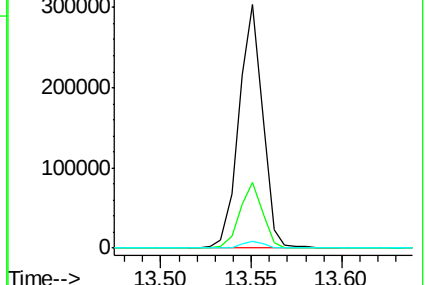
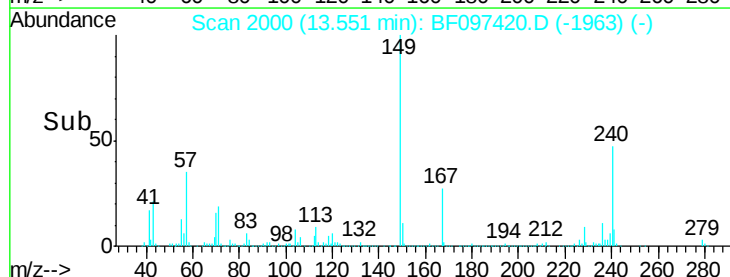
279 2.9 1.9 2.9

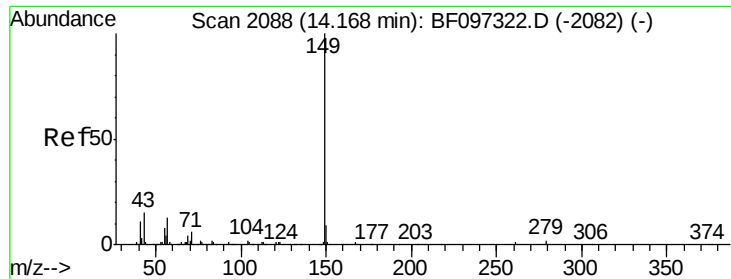


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 36.86 ng

RT: 14.16 min Scan# 2103

Delta R.T. -0.08 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMSD

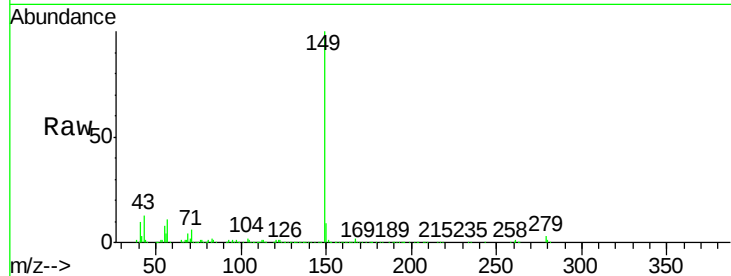
Tgt Ion:149 Resp: 483142

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

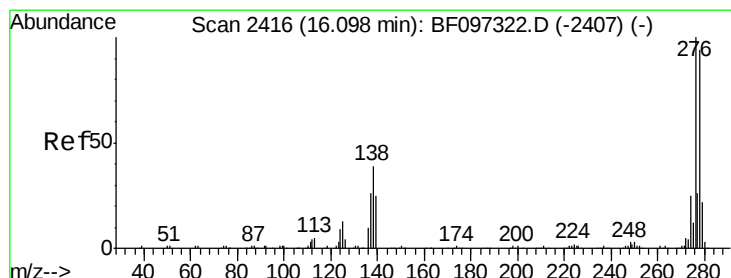
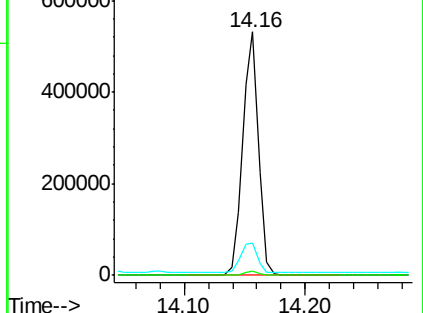
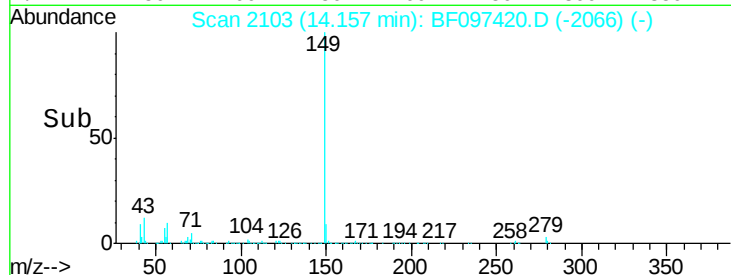
43 13.6 8.5 12.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 28.88 ng

RT: 16.09 min Scan# 2431

Delta R.T. -0.12 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

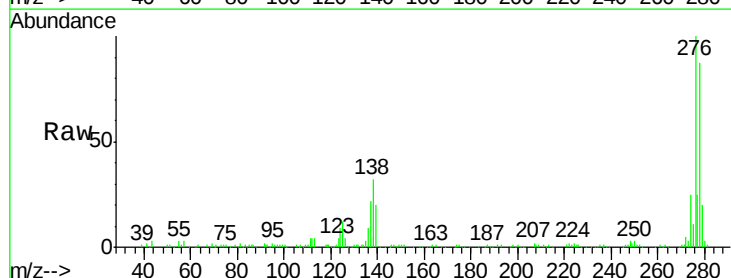
Tgt Ion:276 Resp: 205525

Ion Ratio Lower Upper

276 100

138 35.5 27.8 41.6

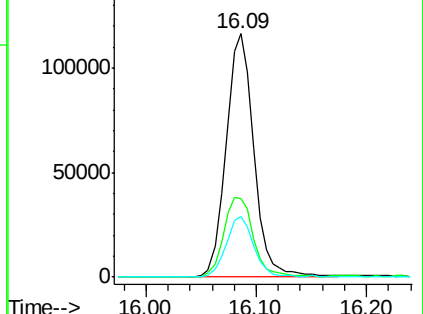
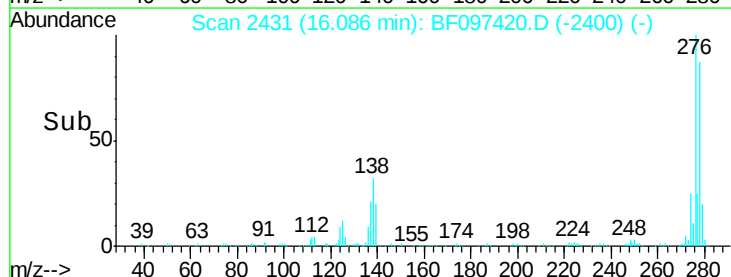
277 25.0 20.2 30.4

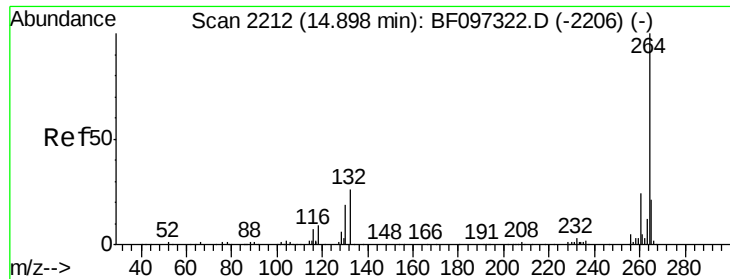


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



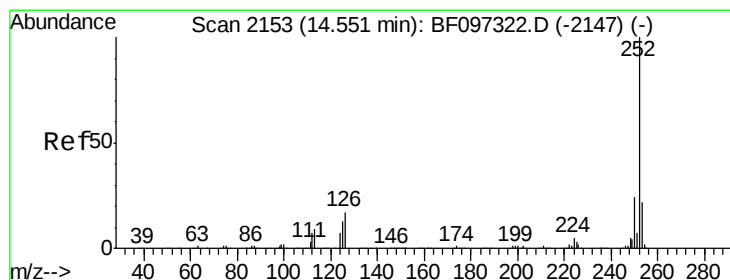
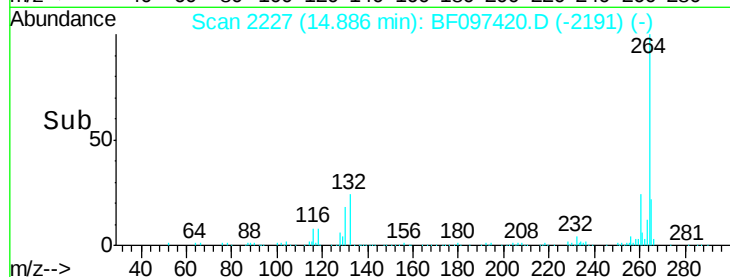
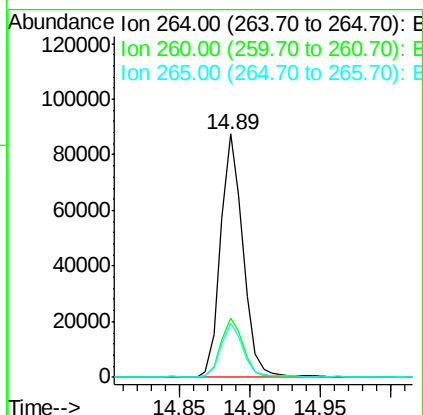
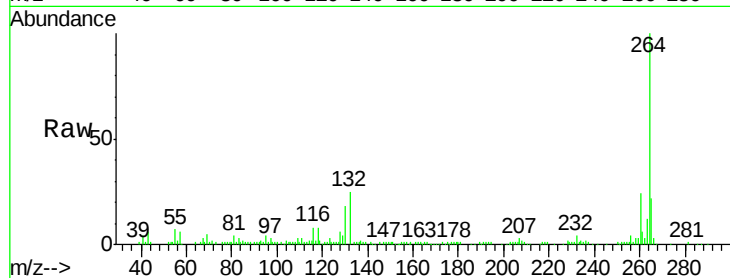


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.89 min Scan# 2227
Delta R.T. -0.09 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMSD

Tgt Ion: 264 Resp: 96339

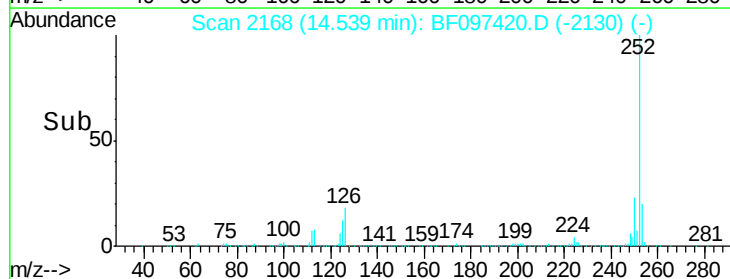
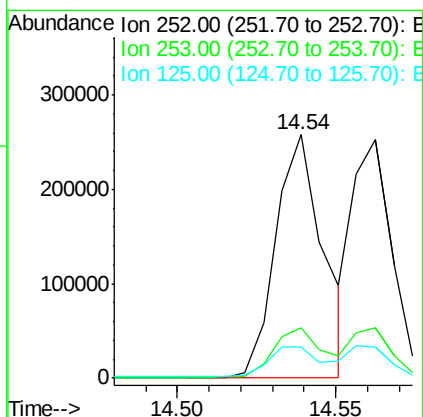
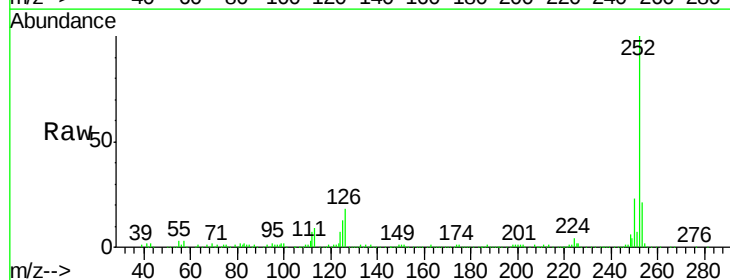
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.1	17.2	25.8

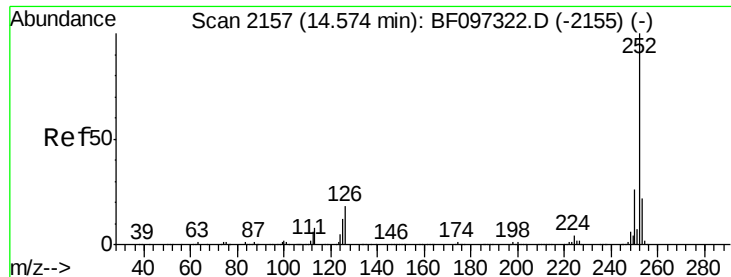


#87
Benzo(b)fluoranthene
Concen: 46.53 ng
RT: 14.54 min Scan# 2168
Delta R.T. -0.08 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

Tgt Ion: 252 Resp: 269471

Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.1	27.1
125	12.7	9.8	14.8

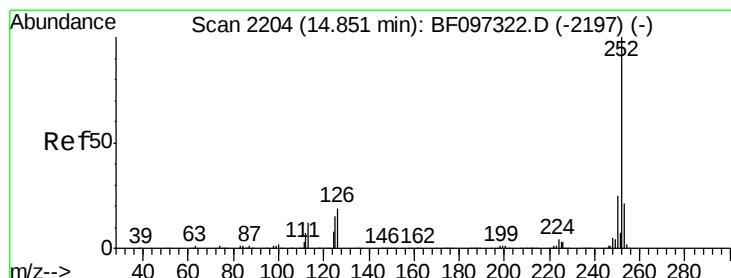
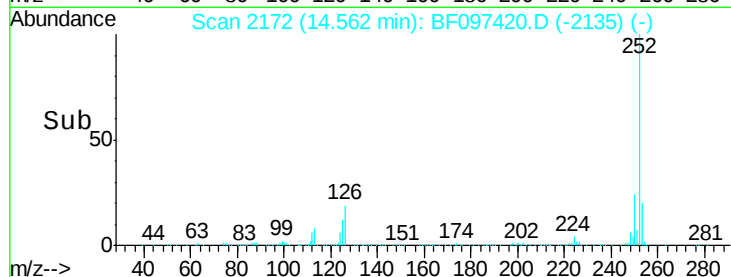
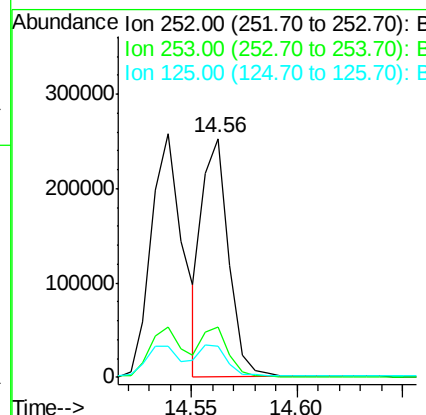
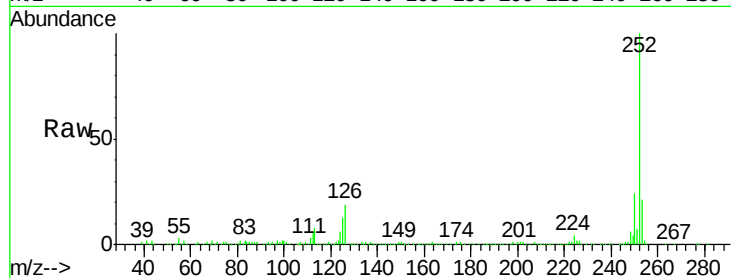




#88
Benzo(k)fluoranthene
Concen: 39.81 ng
RT: 14.56 min Scan# 2172
Delta R.T. -0.08 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

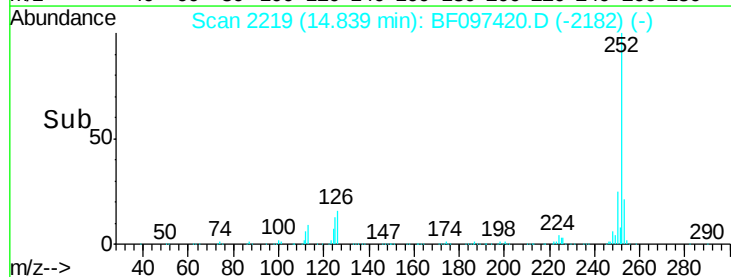
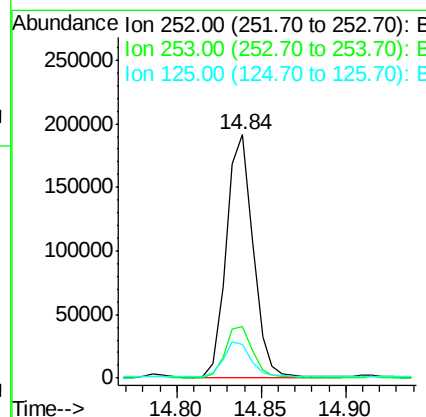
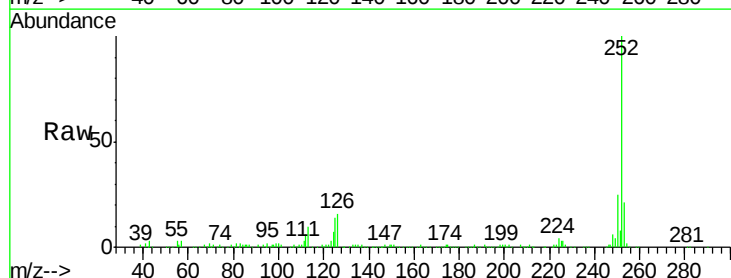
Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMSD

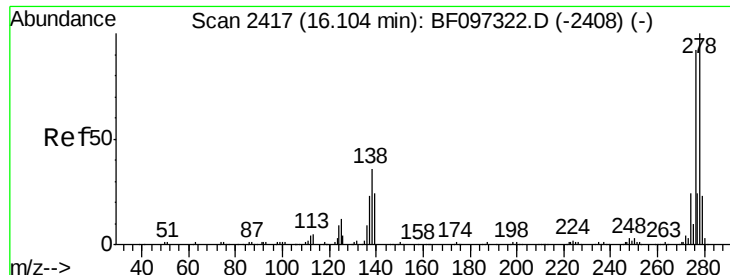
Tgt Ion:252 Resp: 219667
Ion Ratio Lower Upper
252 100
253 21.1 18.4 27.6
125 12.9 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 39.87 ng
RT: 14.84 min Scan# 2219
Delta R.T. -0.08 min
Lab File: BF097420.D
Acq: 6 Aug 2017 5:12

Tgt Ion:252 Resp: 211345
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 14.0 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 39.56 ng

RT: 16.09 min Scan# 2431

Delta R.T. -0.13 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMSD

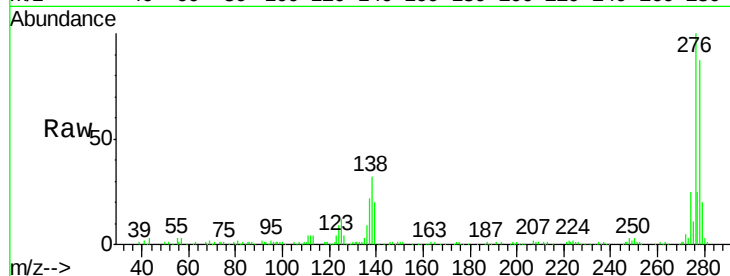
Tgt Ion:278 Resp: 171959

Ion Ratio Lower Upper

278 100

139 23.5 16.6 24.8

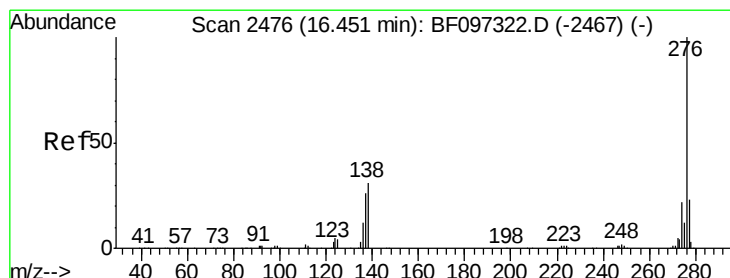
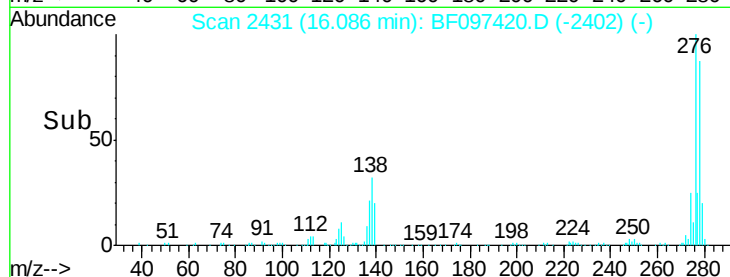
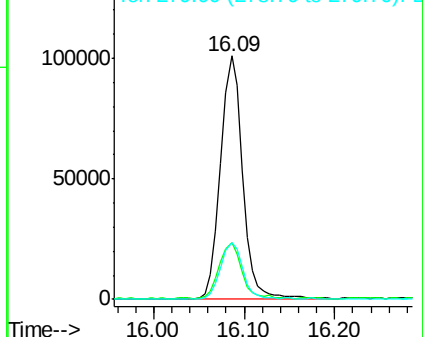
279 23.2 19.3 28.9



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(g,h,i)perylene

Concen: 38.14 ng

RT: 16.44 min Scan# 2491

Delta R.T. -0.13 min

Lab File: BF097420.D

Acq: 6 Aug 2017 5:12

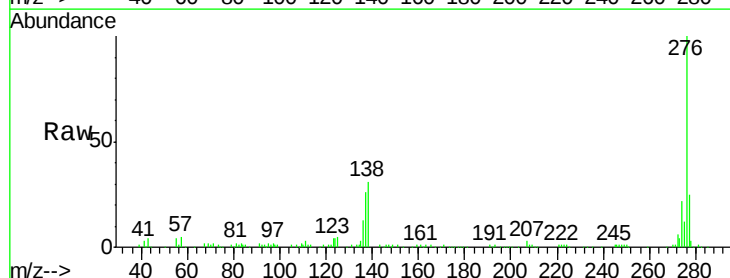
Tgt Ion:276 Resp: 173839

Ion Ratio Lower Upper

276 100

277 24.5 18.6 28.0

138 31.0 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

