

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097052.D
 Acq On : 26 Jul 2017 2:52
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 03:33:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	97294	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	410642	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	160211	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	228337	20.00	ng	0.00
75) Chrysene-d12	13.63	240	168215	20.00	ng	0.00
86) Perylene-d12	14.97	264	141376	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.10	112	533011	82.59	ng	0.00
7) Phenol-d6	6.17	99	603691	81.93	ng	0.00
23) Nitrobenzene-d5	7.07	82	535975	76.57	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	94990	75.04	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	824809	87.37	ng	0.00
78) Terphenyl-d14	12.59	244	612777	74.27	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.02	88	110778	41.13	ng	# 78
3) Pyridine	2.64	79	371034	44.99	ng	# 60
4) n-Nitrosodimethylamine	2.59	42	201822	44.17	ng	# 80
6) Aniline	6.16	93	369066	39.80	ng	# 86
8) 2-Chlorophenol	6.29	128	280682	40.67	ng	# 97
9) Benzaldehyde	6.05	77	173357	39.75	ng	# 99
10) Phenol	6.18	94	361409	41.35	ng	# 95
11) bis(2-Chloroethyl)ether	6.25	93	270111	39.08	ng	# 91
12) 1,3-Dichlorobenzene	6.44	146	305017	41.01	ng	# 97
13) 1,4-Dichlorobenzene	6.52	146	304024	41.25	ng	# 95
14) 1,2-Dichlorobenzene	6.67	146	272038	42.27	ng	# 97
15) Benzyl Alcohol	6.66	79	184770	39.61	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	6.79	45	523106	37.73	ng	# 83
17) 2-Methylphenol	6.79	107	209190	39.28	ng	# 93
18) Hexachloroethane	7.01	117	87468	32.44	ng	# 83
19) n-Nitroso-di-n-propylamine	6.93	70	187037	38.57	ng	# 84
20) 3+4-Methylphenols	6.94	107	281941	40.53	ng	# 61
22) Acetophenone	6.92	105	375476	38.08	ng	# 96
24) Nitrobenzene	7.09	77	280672	38.50	ng	# 93
25) Isophorone	7.33	82	474468	34.61	ng	# 97
26) 2-Nitrophenol	7.41	139	127946	32.44	ng	# 92
27) 2,4-Dimethylphenol	7.46	122	236403	36.33	ng	# 97
28) bis(2-Chloroethoxy)methane	7.55	93	328214	36.69	ng	# 99
29) 2,4-Dichlorophenol	7.66	162	218993	39.07	ng	# 96
30) 1,2,4-Trichlorobenzene	7.73	180	206900	38.73	ng	# 98
31) Naphthalene	7.81	128	754661	38.99	ng	# 100
32) Benzoic acid	7.62	122	129372	26.63	ng	# 89
33) 4-Chloroaniline	7.86	127	300516	38.15	ng	# 99
34) Hexachlorobutadiene	7.93	225	113972	40.24	ng	# 98
35) Caprolactam	8.25	113	67486	37.55	ng	# 52
36) 4-Chloro-3-methylphenol	8.36	107	226318	37.01	ng	# 86
37) 2-Methylnaphthalene	8.50	142	452749	36.94	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	186317	43.58	ng	# 98
40) Hexachlorocyclopentadiene	8.65	237	4429	9.31	ng	# 98

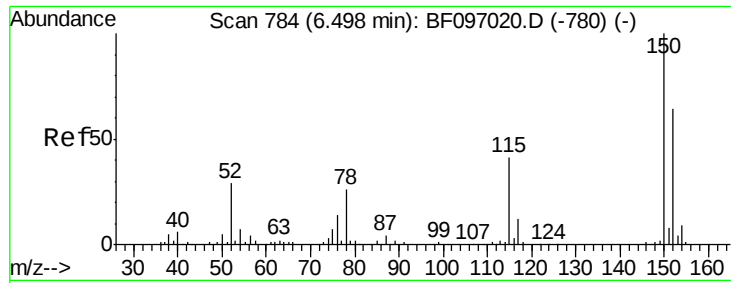
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	128175	41.38	nq	99
43) 2,4,5-Trichlorophenol	8.83	196	126489	40.79	nq	94
45) 1,1'-Biphenyl	8.96	154	555689	40.61	nq	98
46) 2-Chloronaphthalene	8.98	162	394515	39.18	nq	# 91
47) 2-Nitroaniline	9.09	65	146438	40.07	nq	94
48) Acenaphthylene	9.39	152	604597	39.12	nq	99
49) Dimethylphthalate	9.27	163	491640	40.41	nq	99
50) 2,6-Dinitrotoluene	9.33	165	92910	36.01	nq	# 73
51) Acenaphthene	9.56	154	352723	38.74	nq	99
52) 3-Nitroaniline	9.50	138	132376	41.33	nq	89
53) 2,4-Dinitrophenol	9.62	184	5666	4.83	nq	# 78
54) Dibenzofuran	9.73	168	471950	38.92	nq	98
55) 4-Nitrophenol	9.68	139	66240	34.78	nq	# 65
56) 2,4-Dinitrotoluene	9.73	165	103165	34.78	nq	# 57
57) Fluorene	10.07	166	354958	38.94	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.86	232	74213	34.66	nq	# 98
59) Diethylphthalate	9.96	149	449184	40.24	nq	99
60) 4-Chlorophenyl-phenylether	10.07	204	154893	41.15	nq	93
61) 4-Nitroaniline	10.10	138	120932	39.74	nq	91
62) Azobenzene	10.23	77	374943	36.21	nq	91
64) 4,6-Dinitro-2-methylphenol	10.15	198	12204	8.60	nq	88
65) n-Nitrosodiphenylamine	10.19	169	344819	43.40	nq	97
66) 4-Bromophenyl-phenylether	10.56	248	94833	41.62	nq	98
67) Hexachlorobenzene	10.63	284	103219	40.39	nq	# 94
68) Atrazine	10.73	200	84705	37.18	nq	96
69) Pentachlorophenol	10.82	266	38149	36.08	nq	96
70) Phenanthrene	11.03	178	480615	39.28	nq	98
71) Anthracene	11.08	178	496207	39.60	nq	98
72) Carbazole	11.24	167	475975	38.62	nq	98
73) Di-n-butylphthalate	11.58	149	642619	42.18	nq	99
74) Fluoranthene	12.21	202	480586	40.10	nq	97
76) Benzidine	12.34	184	257712	41.29	nq	# 94
77) Pyrene	12.43	202	481789	34.99	nq	98
79) Butylbenzylphthalate	13.07	149	258213	36.86	nq	88
80) Benzo(a)anthracene	13.62	228	405069	37.22	nq	97
81) 3,3'-Dichlorobenzidine	13.59	252	162957	39.70	nq	# 95
82) Chrysene	13.65	228	393106	36.99	nq	99
83) Bis(2-ethylhexyl)phthalate	13.63	149	350044	38.27	nq	99
84) Di-n-octyl phthalate	14.24	149	602684	35.91	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.20	276	295569	32.43	nq	99
87) Benzo(b)fluoranthene	14.62	252	330779	38.92	nq	98
88) Benzo(k)fluoranthene	14.62	252	330779	40.85	nq	96
89) Benzo(a)pyrene	14.92	252	298527	38.38	nq	98
90) Dibenzo(a,h)anthracene	16.22	278	240441	37.70	nq	98
91) Benzo(g,h,i)perylene	16.57	276	240981	36.03	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 784

Delta R.T. 0.00 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

Instrument :

BNA_F

ClientSampled :

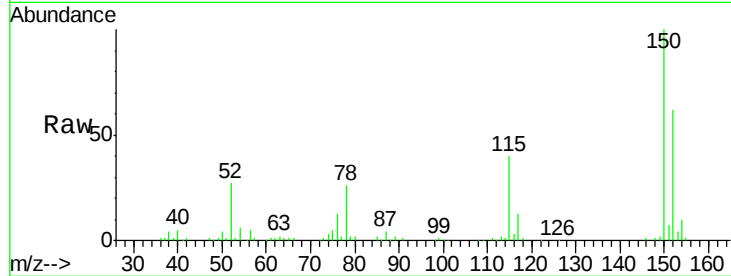
Tot Ion:152 Resp: 97294

Ion Ratio Lower Upper

152 100

150 162.1 126.2 189.2

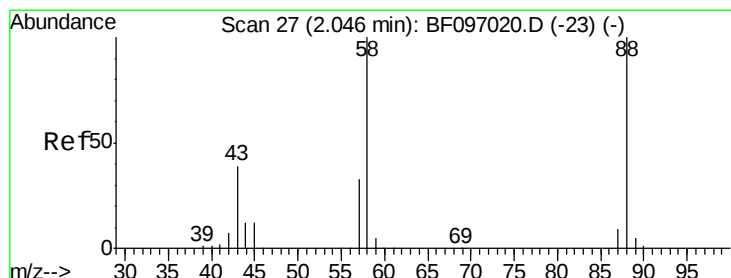
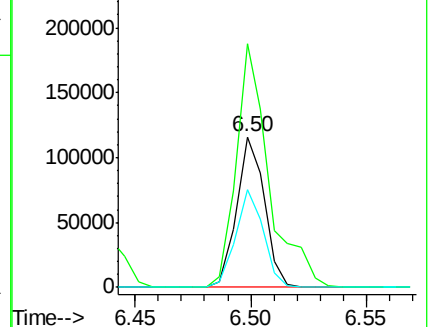
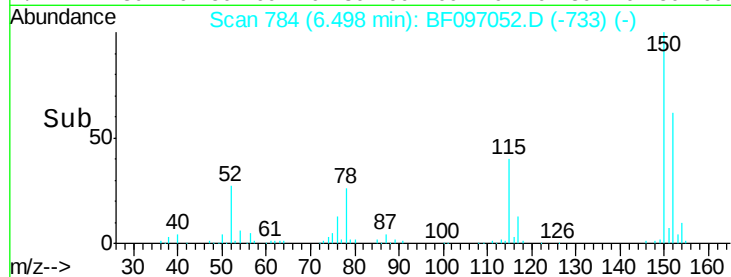
115 64.9 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.13 ng

RT: 2.02 min Scan# 22

Delta R.T. -0.03 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

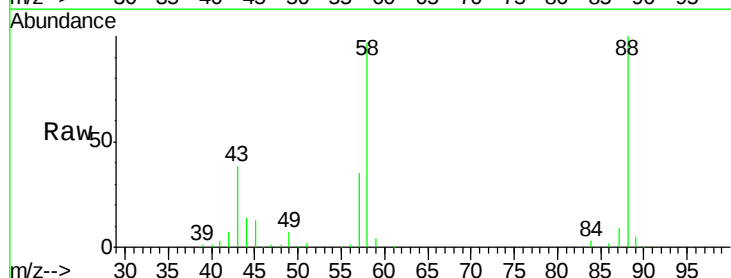
Tgt Ion: 88 Resp: 110778

Ion Ratio Lower Upper

88 100

58 96.6 61.4 92.0#

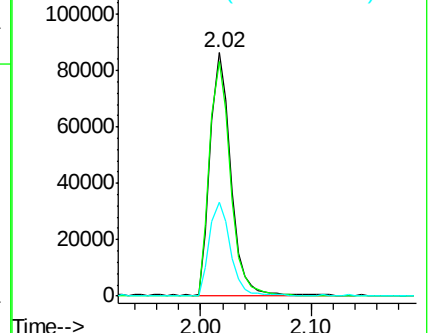
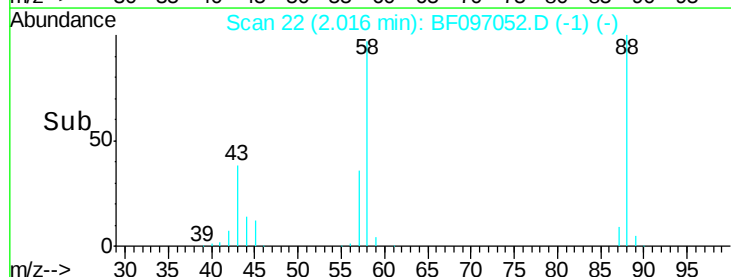
43 39.6 23.4 35.0#

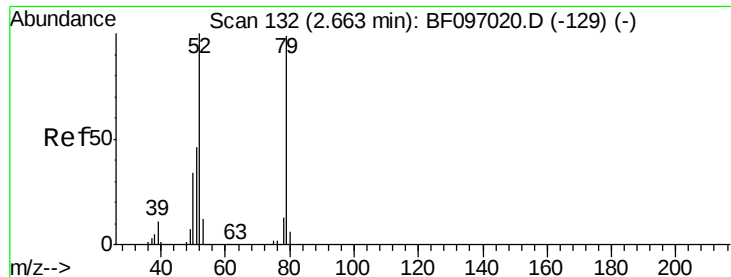


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 44.99 ng

RT: 2.64 min Scan# 128

Delta R.T. -0.02 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

Instrument :

BNA_F

ClientSampled :

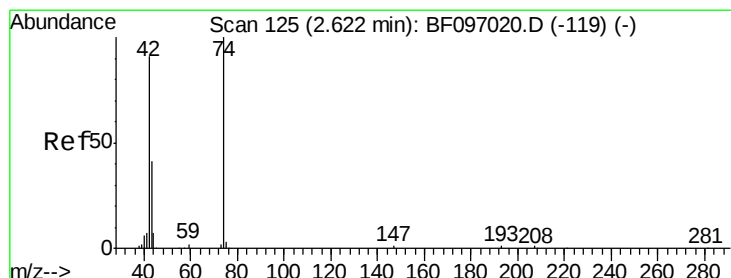
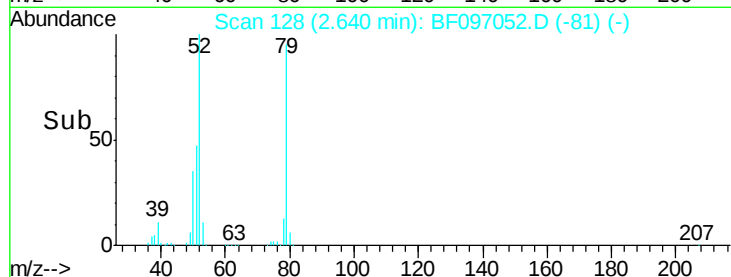
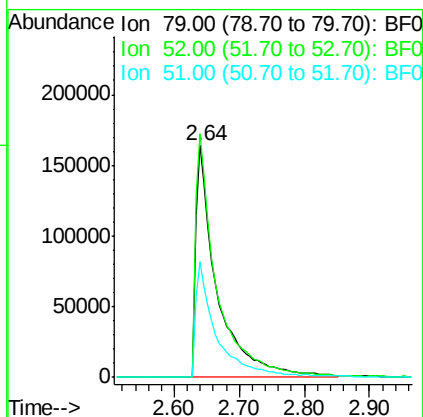
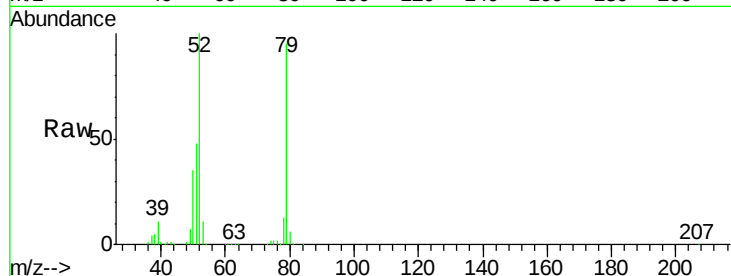
Tot Ion: 79 Resp: 371034

Ion Ratio Lower Upper

79 100

52 105.1 54.8 82.2#

51 50.1 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 44.17 ng

RT: 2.59 min Scan# 120

Delta R.T. -0.03 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

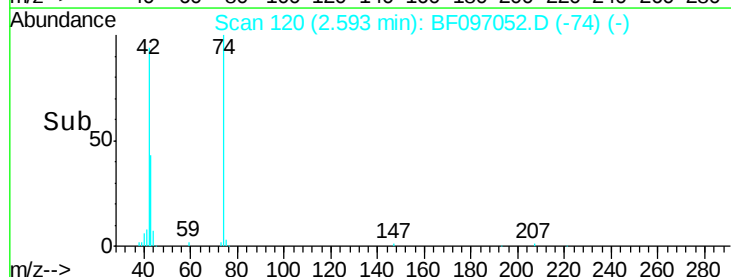
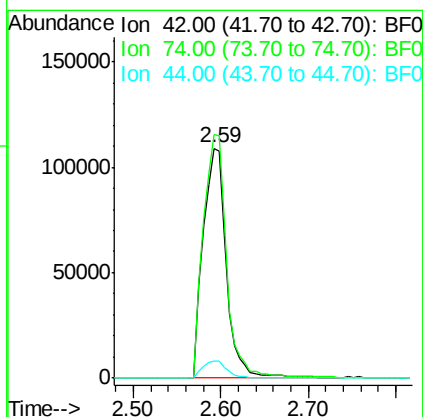
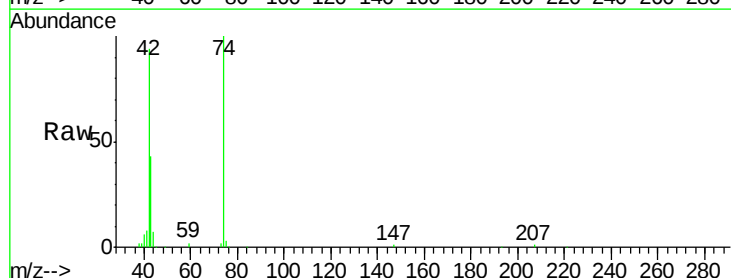
Tgt Ion: 42 Resp: 201822

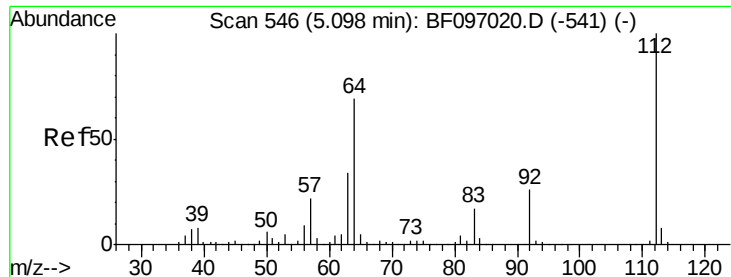
Ion Ratio Lower Upper

42 100

74 105.8 103.9 155.9

44 7.5 5.7 8.5





#5

2-Fluorophenol

Concen: 82.59 ng

RT: 5.10 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

Instrument :

BNA_F

ClientSampleId :

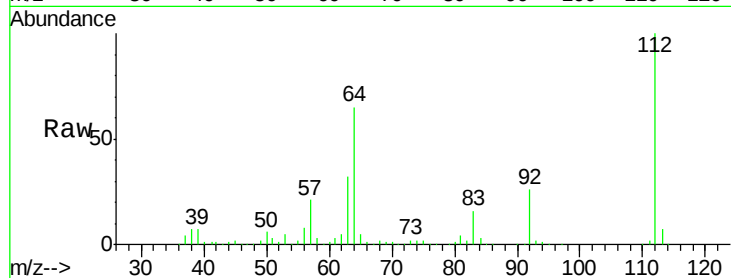
Tot Ion: 112 Resp: 533011

Ion Ratio Lower Upper

112 100

64 64.8 46.0 69.0

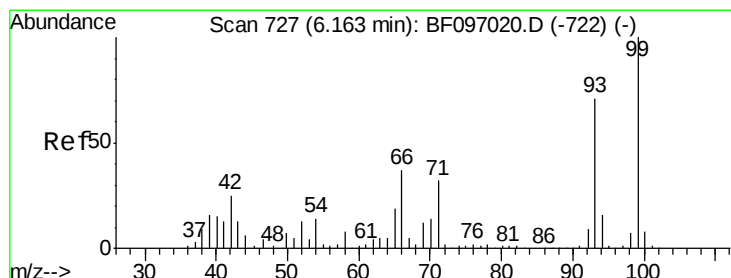
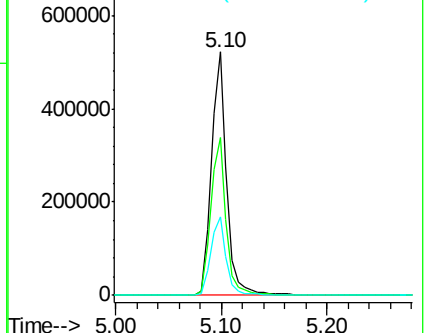
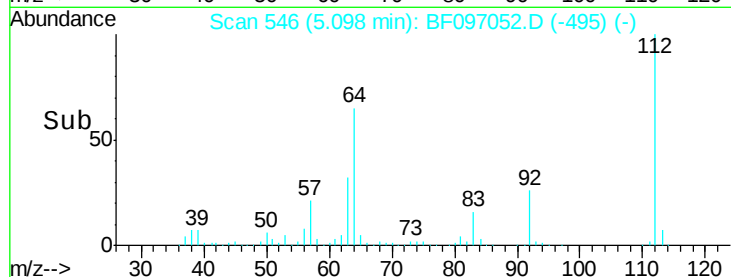
63 32.4 23.4 35.0



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: 39.80 ng

RT: 6.16 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

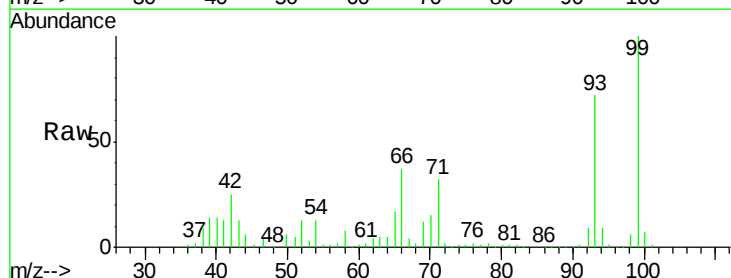
Tgt Ion: 93 Resp: 369066

Ion Ratio Lower Upper

93 100

66 51.7 32.9 49.3#

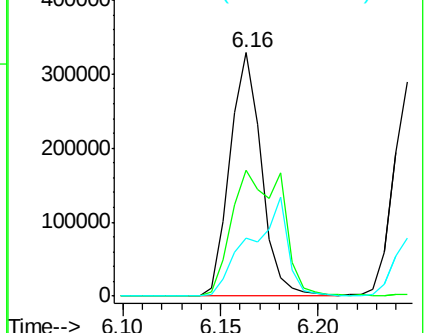
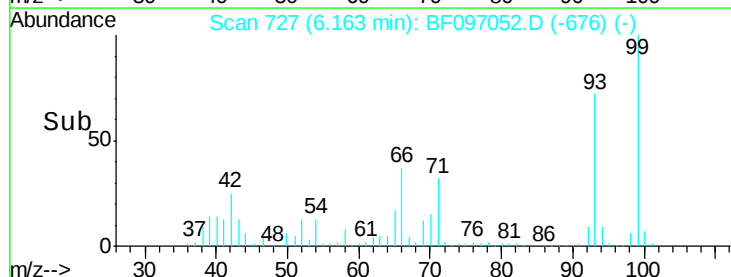
65 23.7 16.0 24.0

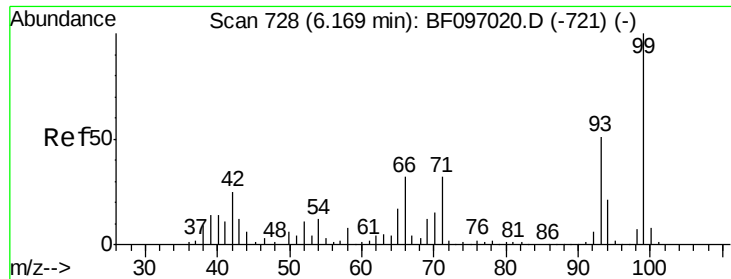


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.93 ng

RT: 6.17 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

Instrument :

BNA_F

ClientSampleId :

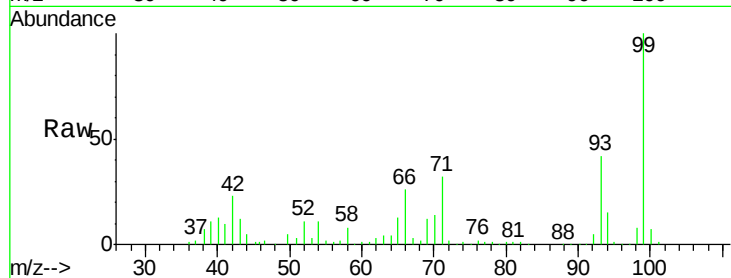
Tot Ion: 99 Resp: 603691

Ion Ratio Lower Upper

99 100

42 23.0 13.5 20.3#

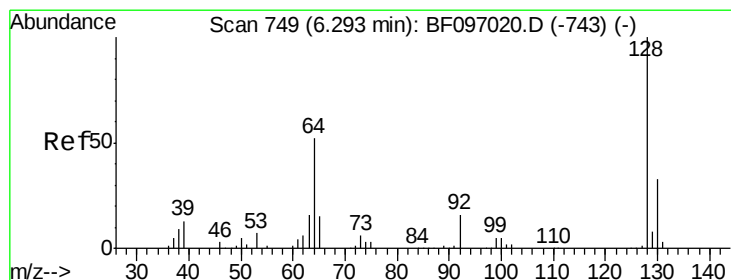
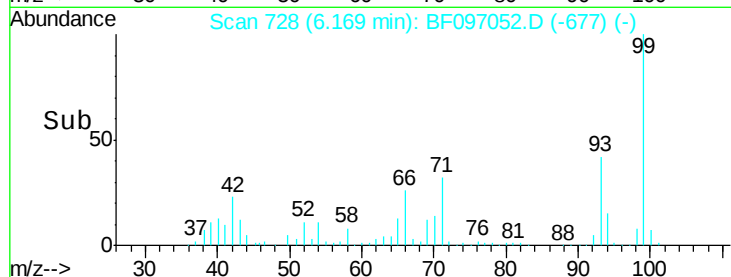
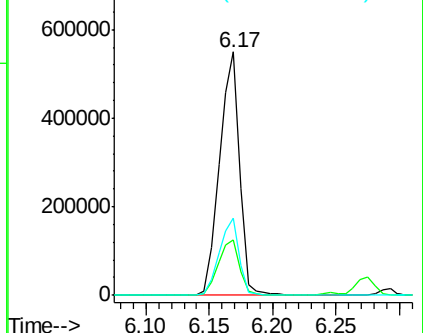
71 31.7 24.5 36.7



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: 40.67 ng

RT: 6.29 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

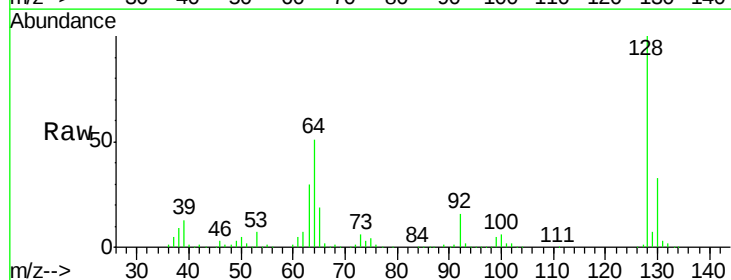
Tgt Ion: 128 Resp: 280682

Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

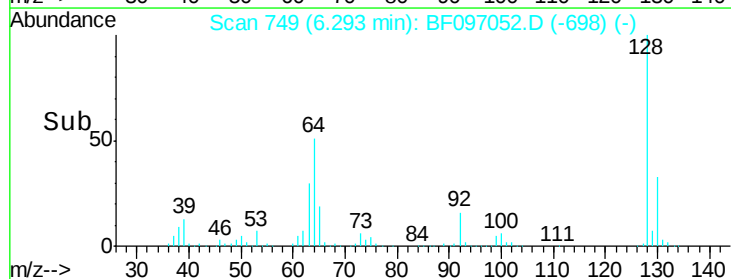
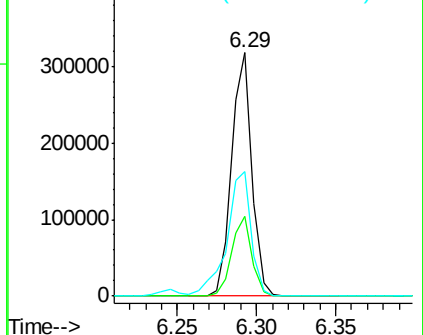
64 51.1 28.4 68.4

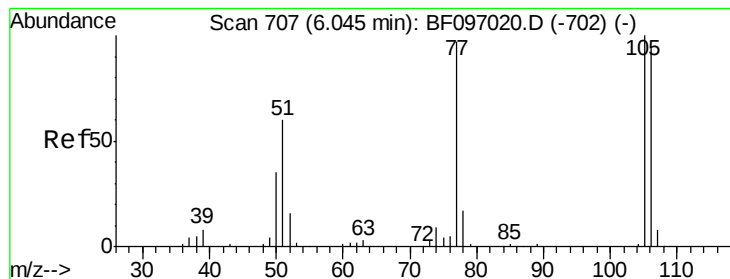


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.75 ng

RT: 6.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

Instrument :

BNA_F

ClientSampled :

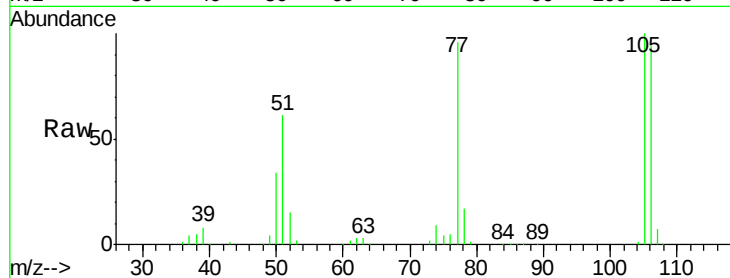
Tot Ion: 77 Resp: 173357

Ion Ratio Lower Upper

77 100

105 104.4 83.8 123.8

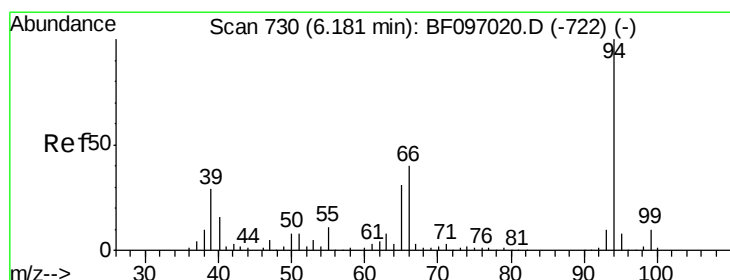
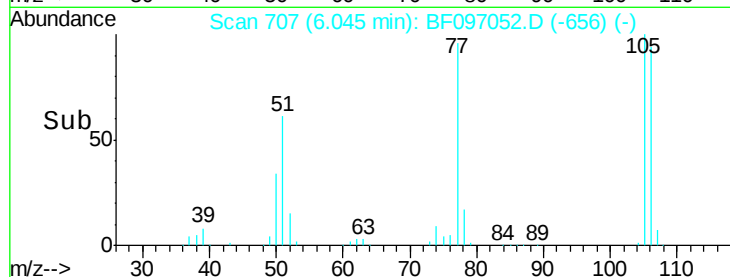
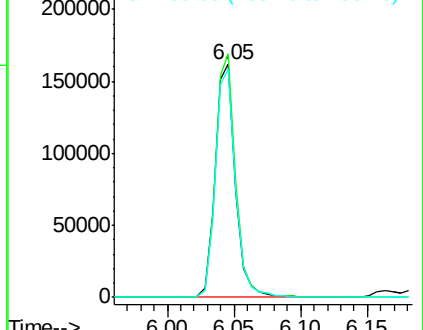
106 98.0 79.1 119.1



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: 41.35 ng

RT: 6.18 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

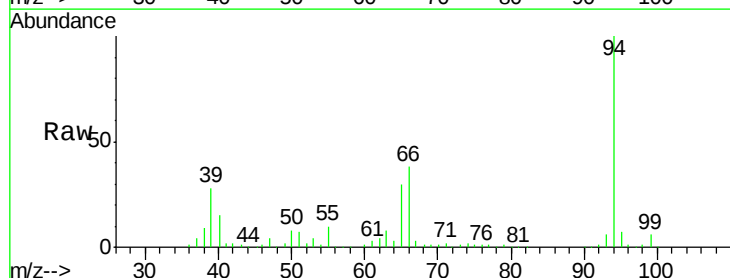
Tgt Ion: 94 Resp: 361409

Ion Ratio Lower Upper

94 100

65 30.2 9.9 49.9

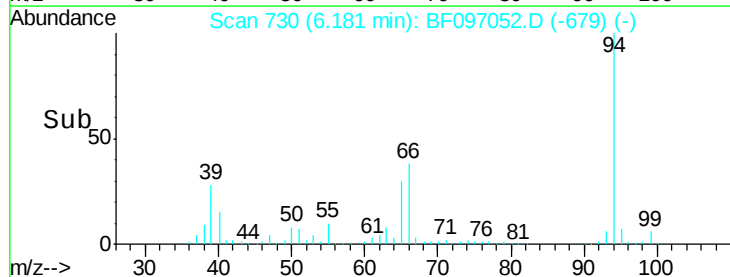
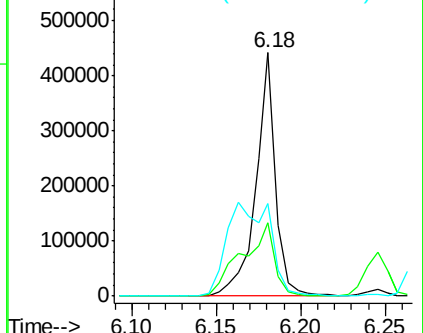
66 37.9 23.1 63.1

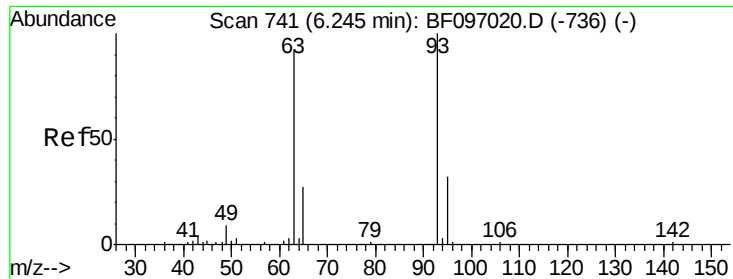


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.08 ng

RT: 6.25 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

Instrument :

BNA_F

ClientSampleId :

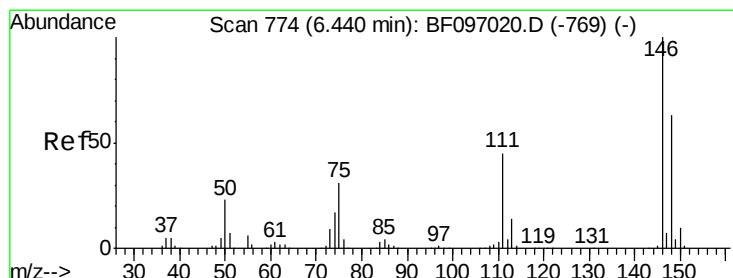
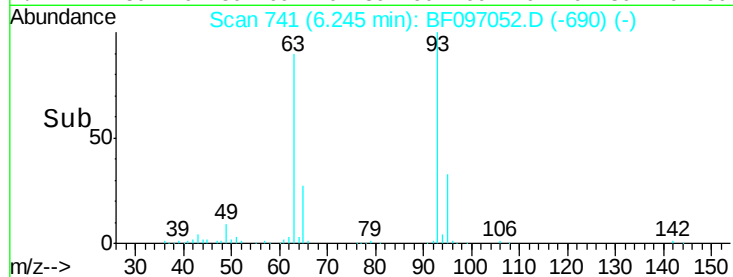
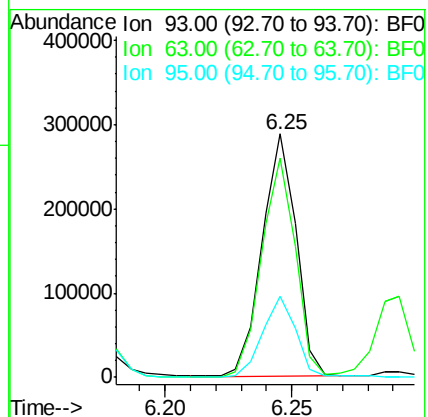
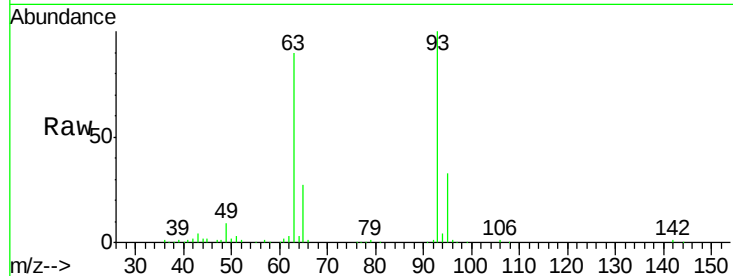
Tot Ion: 93 Resp: 270111

Ion Ratio Lower Upper

93 100

63 90.0 59.2 99.2

95 33.1 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.01 ng

RT: 6.44 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

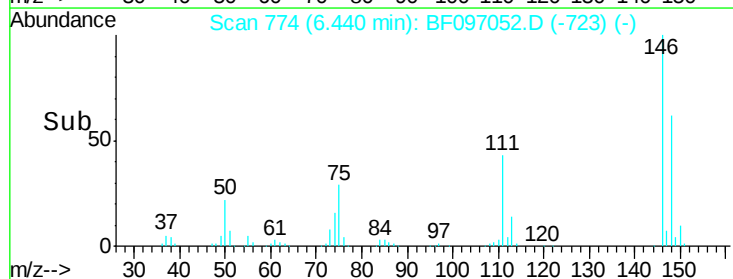
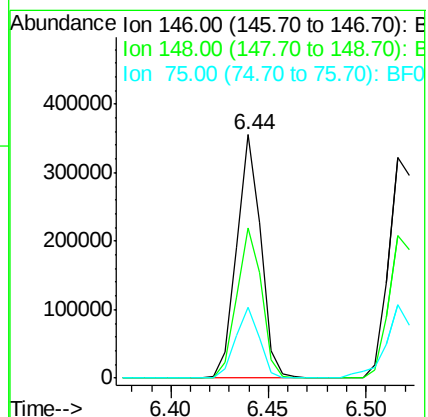
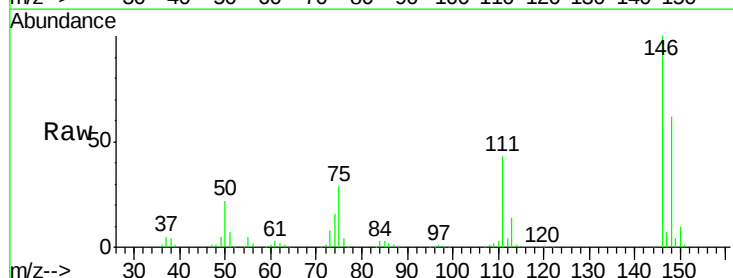
Tgt Ion: 146 Resp: 305017

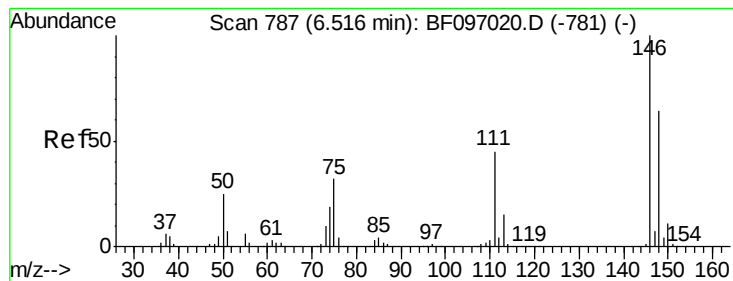
Ion Ratio Lower Upper

146 100

148 61.6 51.8 77.6

75 29.3 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 41.25 ng

RT: 6.52 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

Instrument :

BNA_F

ClientSampleId :

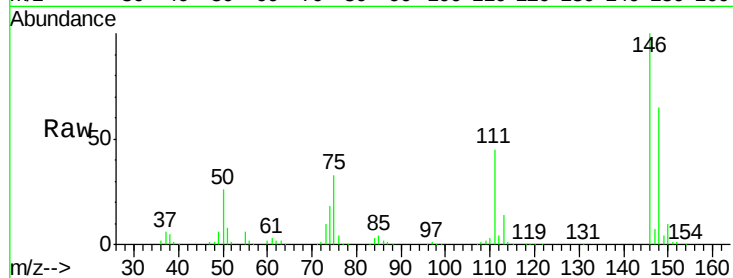
Tot Ion:146 Resp: 304024

Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.2

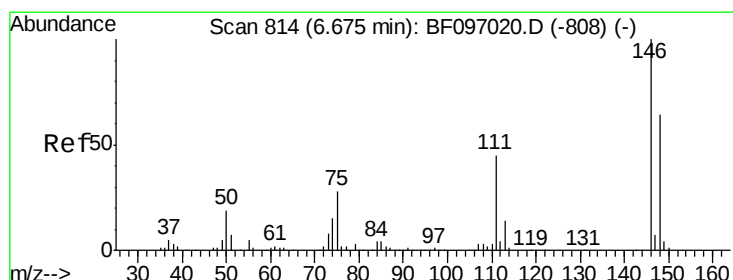
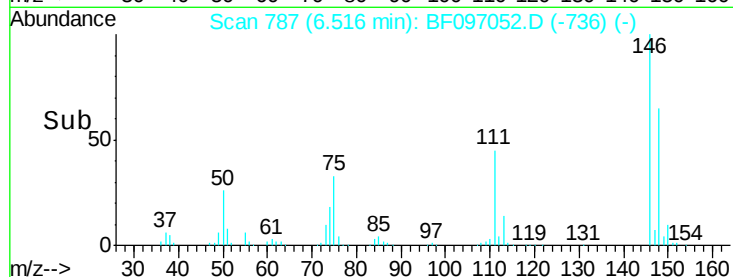
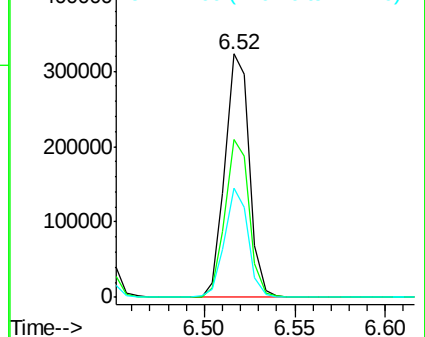
111 44.8 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.27 ng

RT: 6.67 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

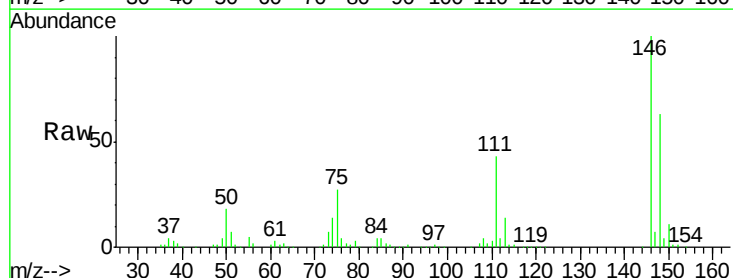
Tgt Ion:146 Resp: 272038

Ion Ratio Lower Upper

146 100

148 63.4 50.4 75.6

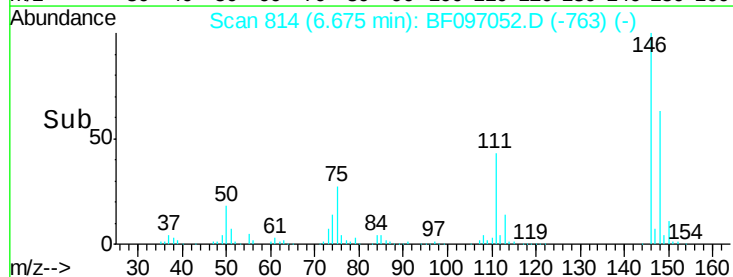
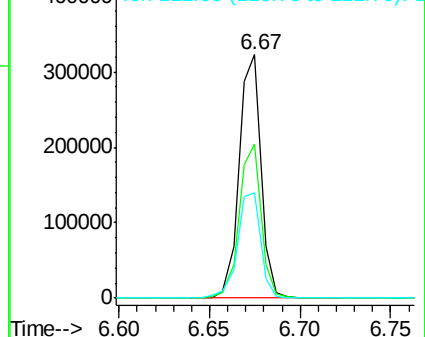
111 43.3 38.2 57.4

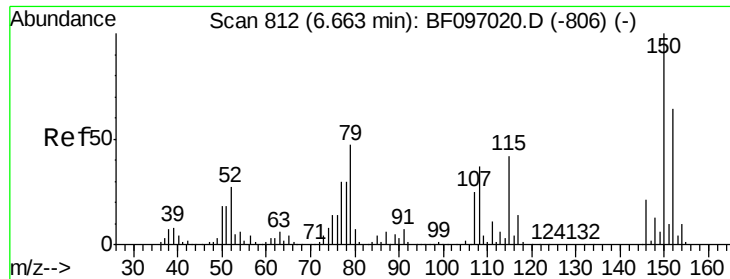


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.61 ng

RT: 6.66 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

Instrument :

BNA_F

ClientSampleId :

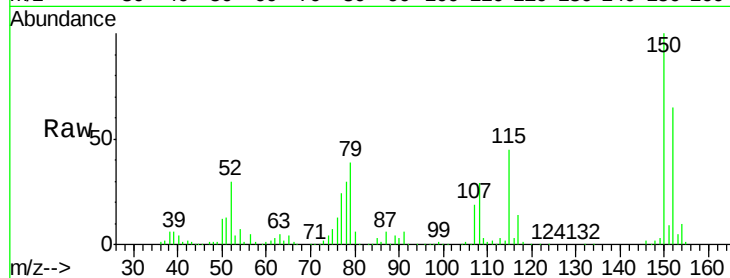
Tot Ion: 79 Resp: 184770

Ion Ratio Lower Upper

79 100

108 75.1 63.4 95.0

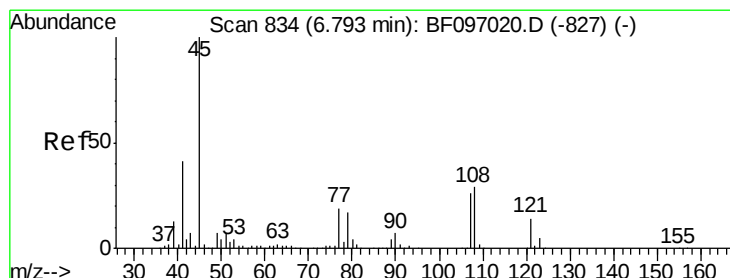
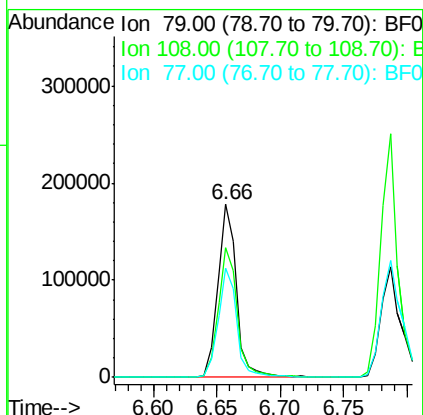
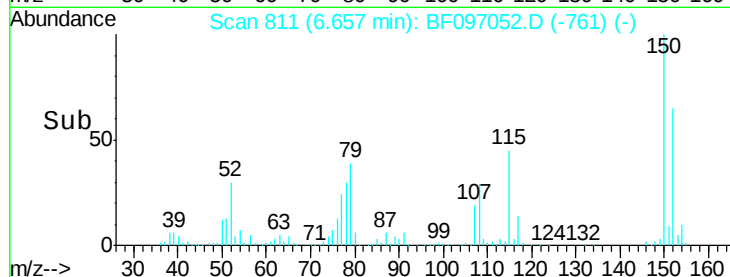
77 62.9 49.2 73.8



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: 37.73 ng

RT: 6.79 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

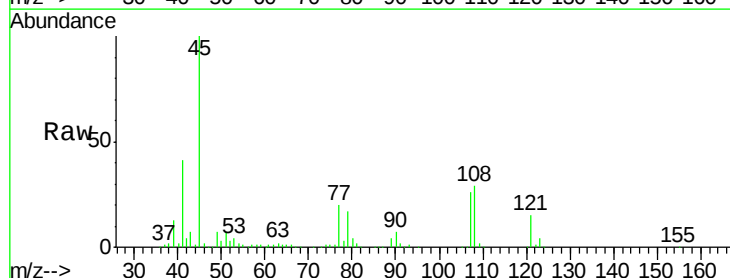
Tgt Ion: 45 Resp: 523106

Ion Ratio Lower Upper

45 100

77 19.9 0.0 33.2

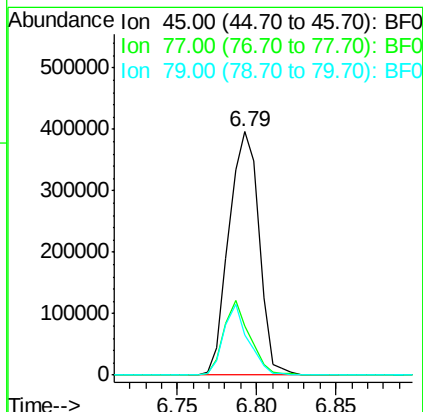
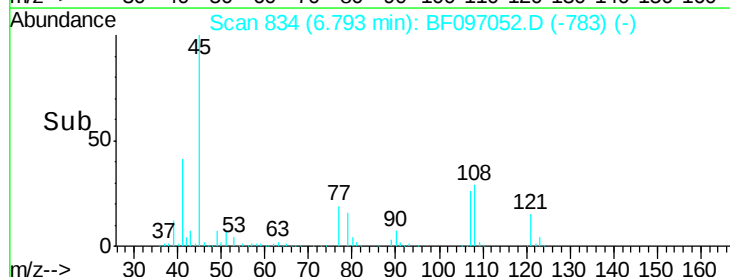
79 16.7 0.0 30.0

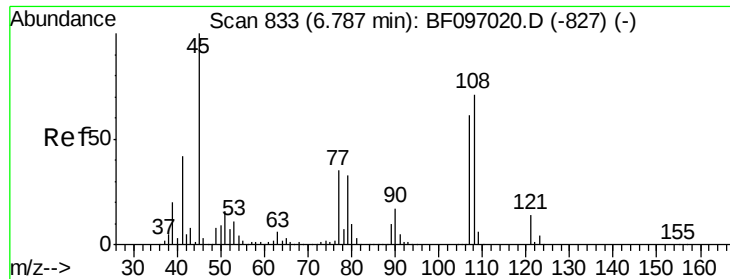


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

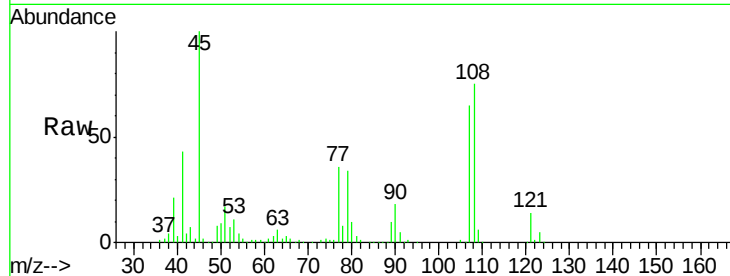




#17
2-Methylphenol
Concen: 39.28 ng
RT: 6.79 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.0	93.4	140.0
77	55.9	35.8	53.6#
79	52.9	34.8	52.2#



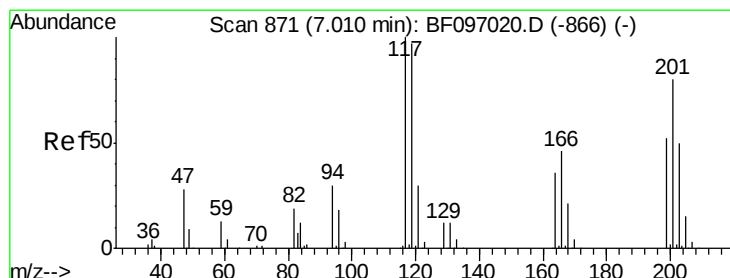
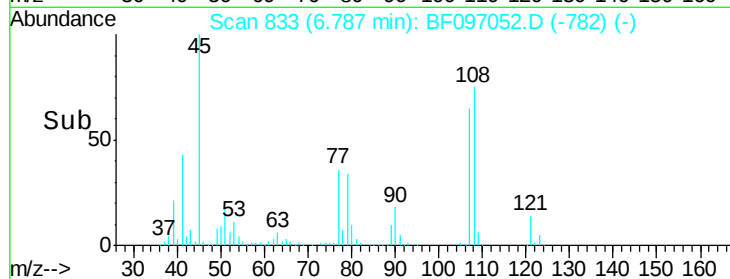
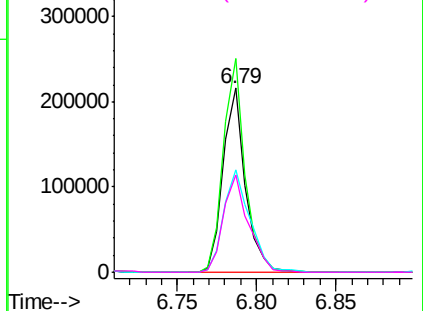
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

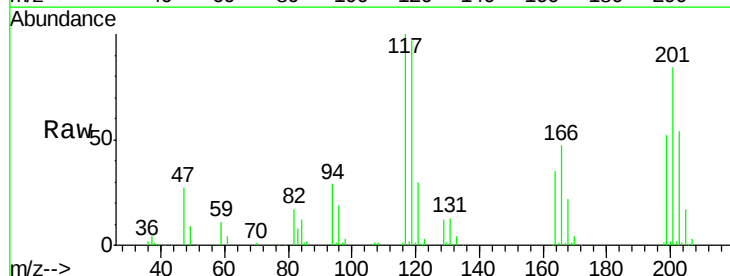
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 32.44 ng
RT: 7.01 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.4	116.0
201	84.3	94.6	141.8#

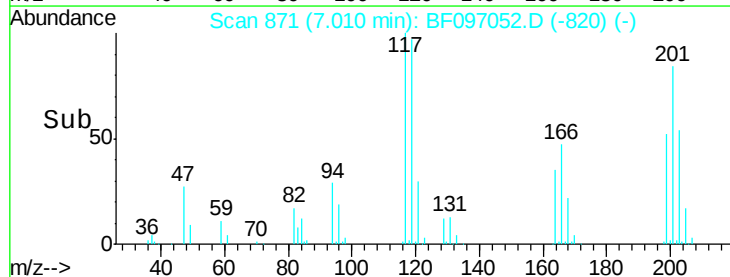
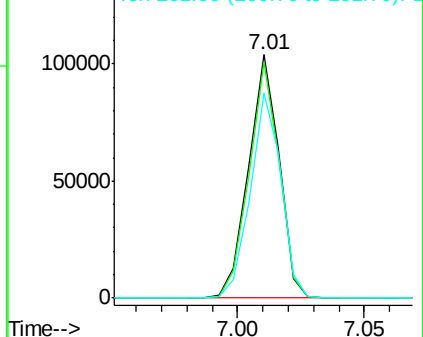


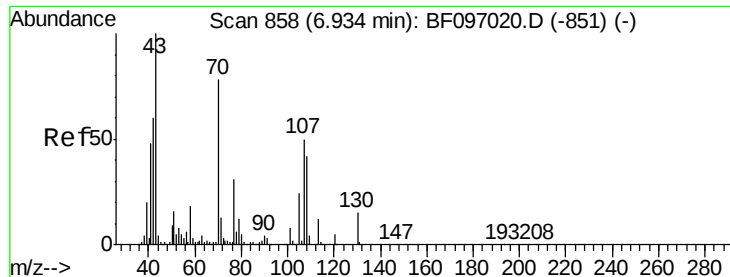
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

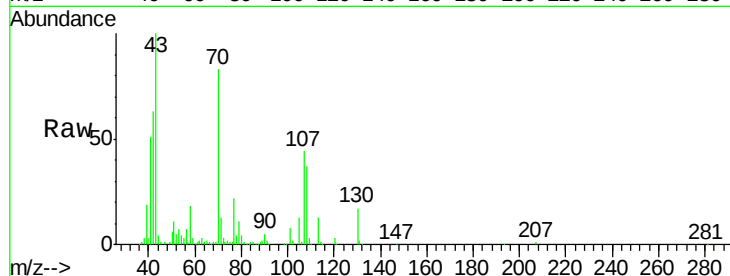




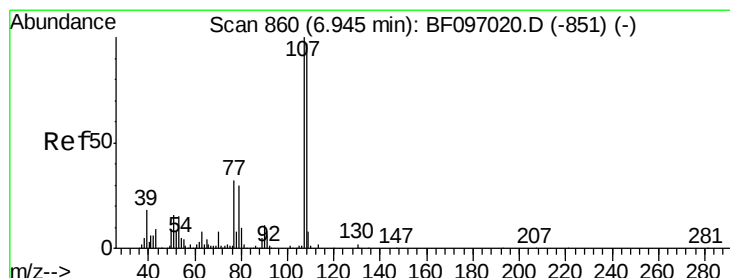
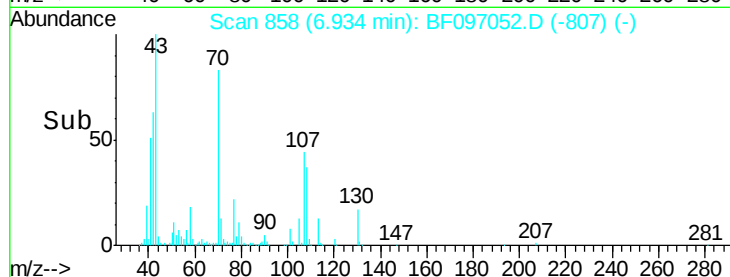
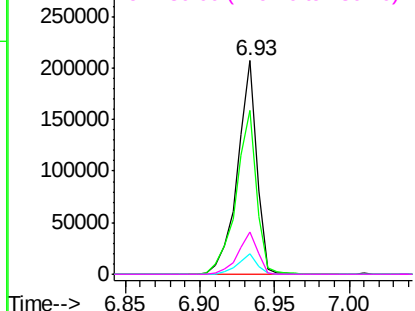
#19
n-Nitroso-di-n-propylamine
Concen: 38.57 ng
RT: 6.93 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 187037
Ion Ratio Lower Upper
70 100
42 76.7 47.2 70.8#
101 9.5 7.2 10.8
130 20.1 15.9 23.9

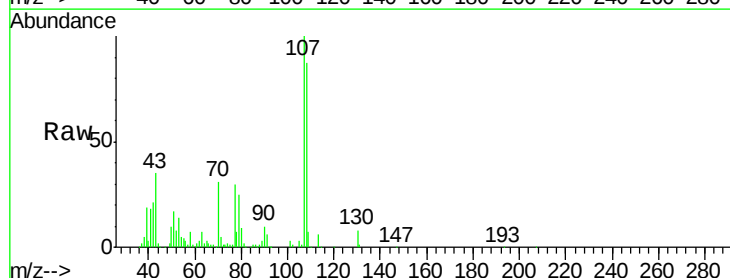


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

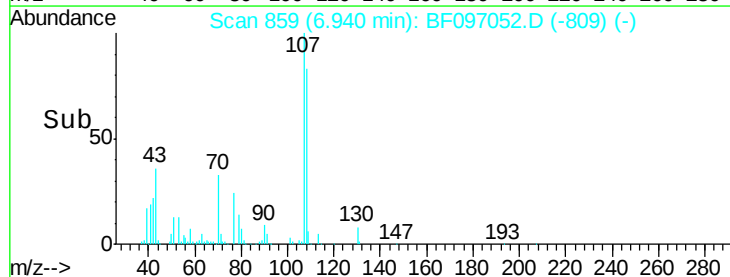
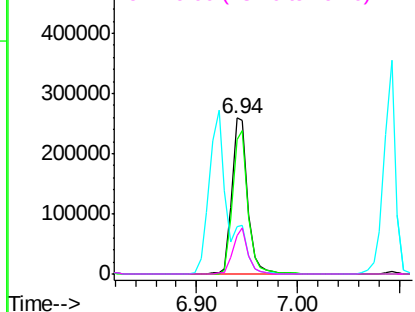


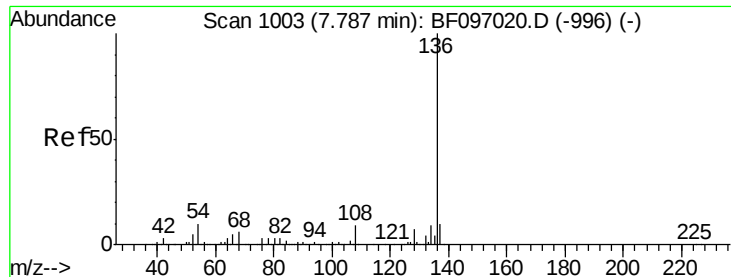
#20
3+4-Methylphenols
Concen: 40.53 ng
RT: 6.94 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Tgt Ion: 107 Resp: 281941
Ion Ratio Lower Upper
107 100
108 86.5 71.0 111.0
77 30.3 90.5 130.5#
79 24.8 8.4 48.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

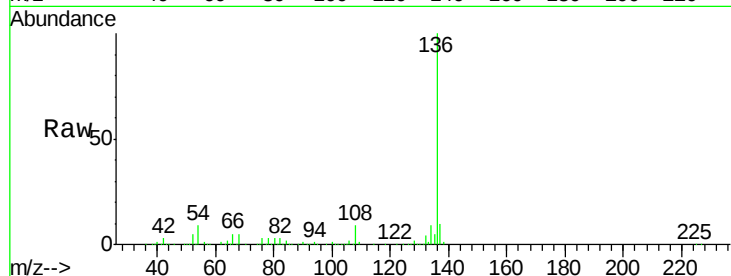




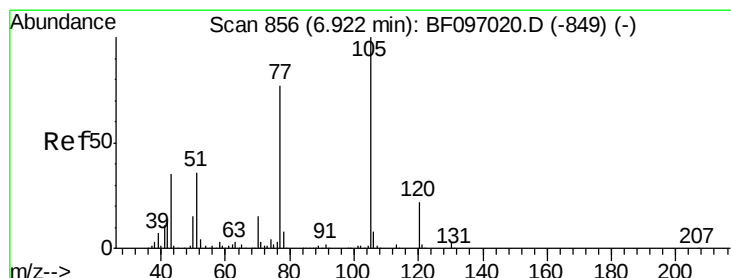
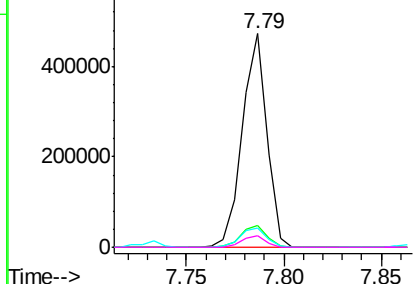
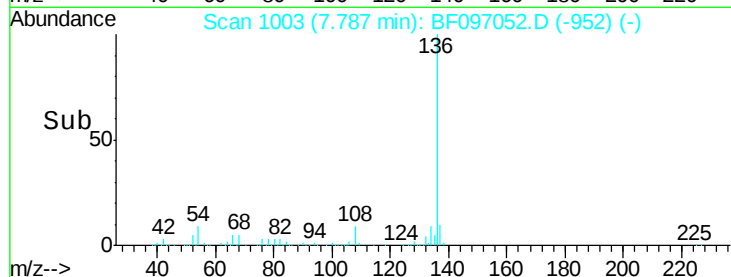
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	410642
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.5 12.7
54	9.3	4.9 7.3#
68	5.2	4.1 6.1

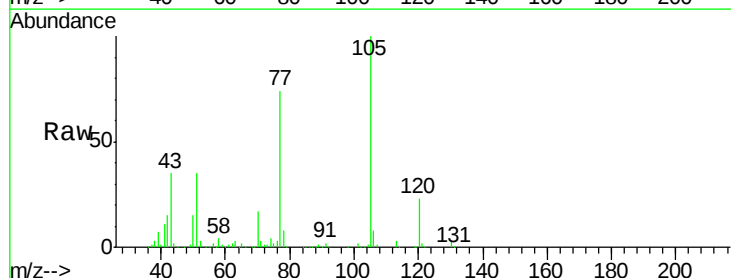


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

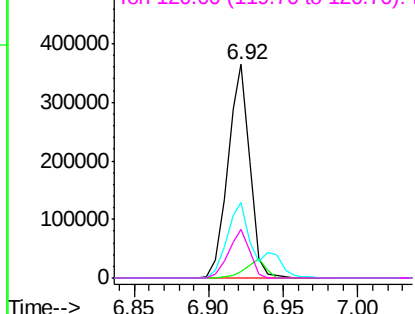
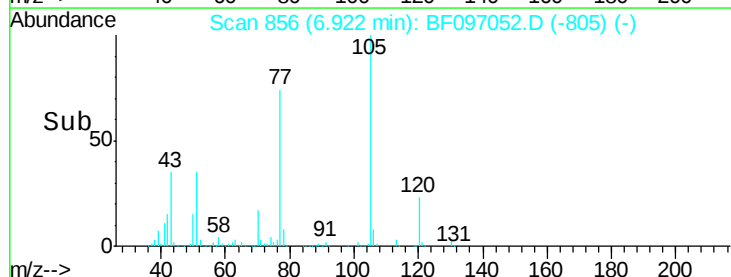


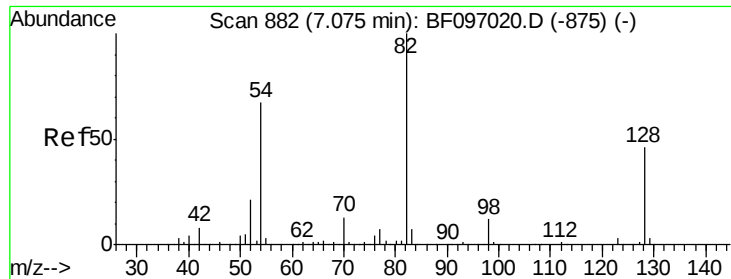
#22
Acetophenone
Concen: 38.08 ng
RT: 6.92 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Tgt Ion:105	Resp:	375476
Ion Ratio	Lower	Upper
105	100	
71	2.8	2.8 4.2#
51	35.2	30.7 46.1
120	22.6	17.4 26.0



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

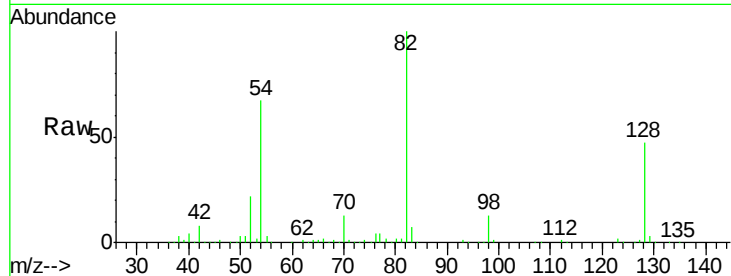




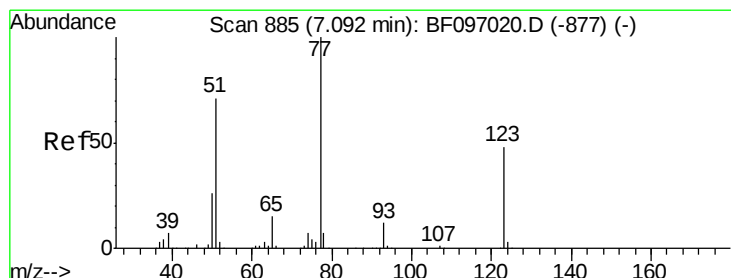
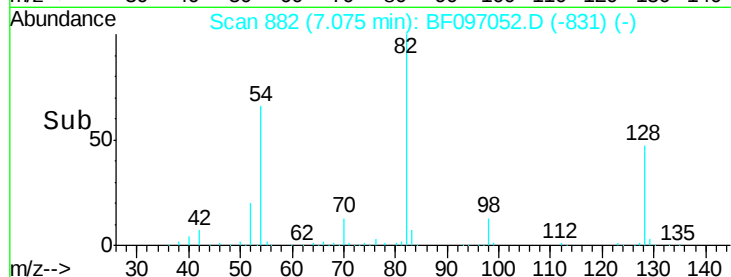
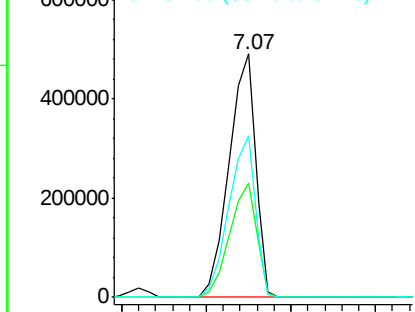
#23
 Nitrobenzene-d5
 Concen: 76.57 ng
 RT: 7.07 min Scan# 882
 Delta R.T. 0.00 min
 Lab File: BF097052.D
 Acq: 26 Jul 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 535975
 Ion Ratio Lower Upper
 82 100
 128 47.0 34.0 51.0
 54 66.6 42.2 63.2#

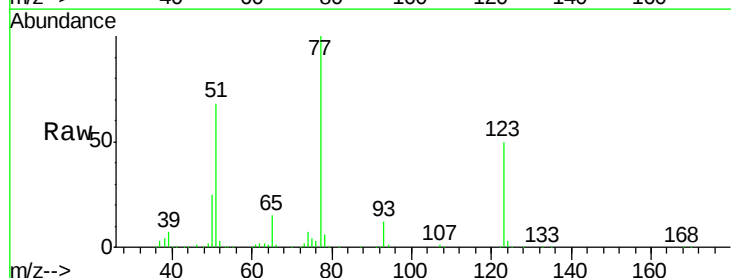


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

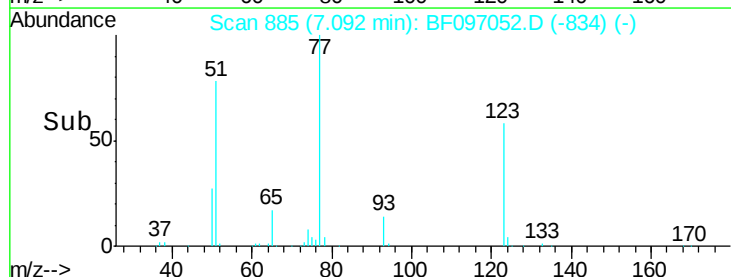
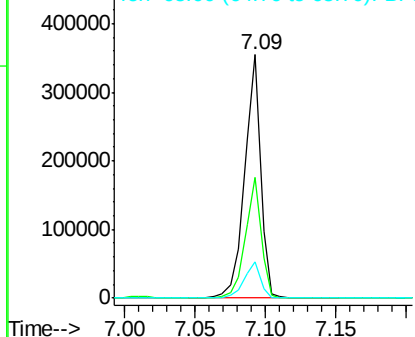


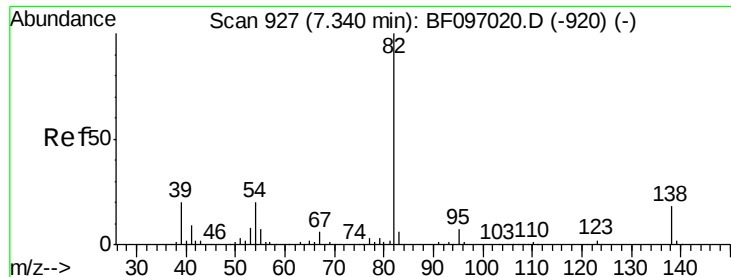
#24
 Nitrobenzene
 Concen: 38.50 ng
 RT: 7.09 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF097052.D
 Acq: 26 Jul 2017 2:52

Tgt Ion: 77 Resp: 280672
 Ion Ratio Lower Upper
 77 100
 123 49.7 35.8 53.8
 65 14.7 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 34.61 ng

RT: 7.33 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

Instrument :

BNA_F

ClientSampleId :

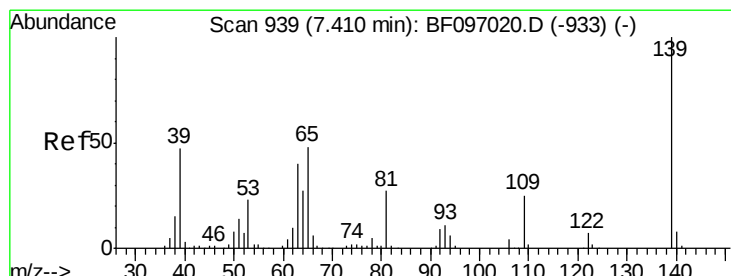
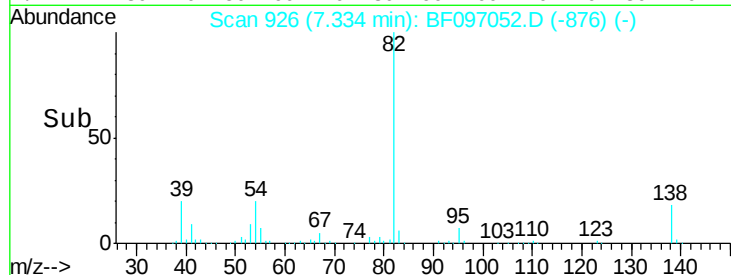
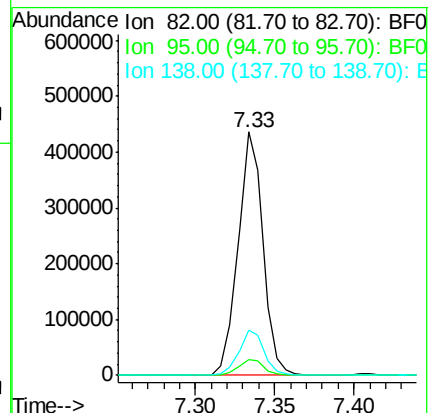
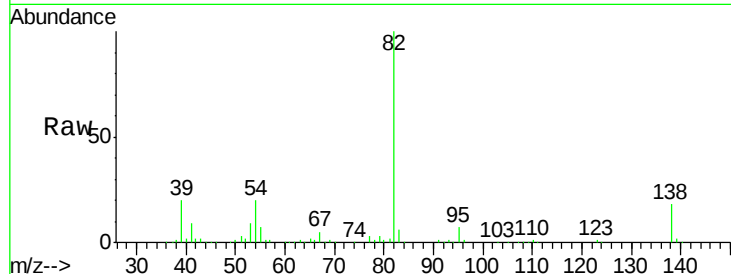
Tot Ion: 82 Resp: 474468

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 18.3 13.1 19.7



#26

2-Nitrophenol

Concen: 32.44 ng

RT: 7.41 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

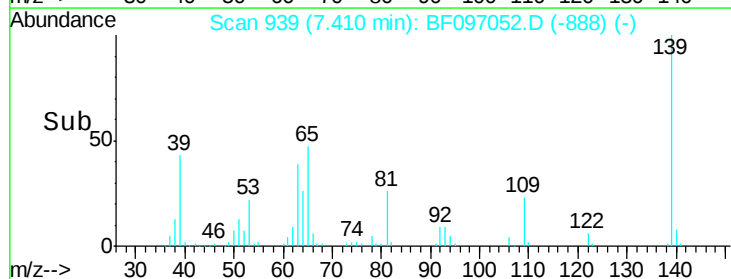
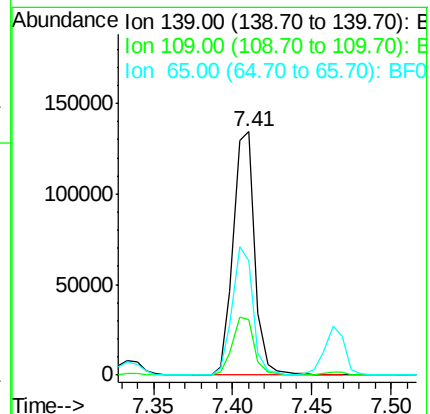
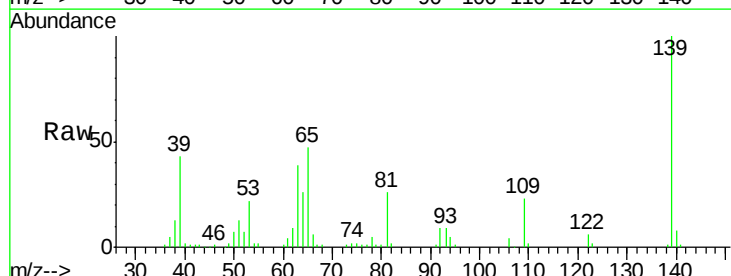
Tgt Ion: 139 Resp: 127946

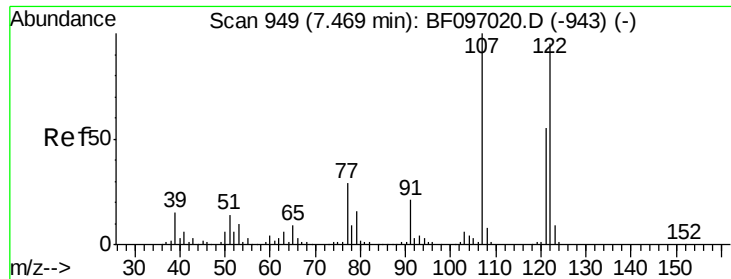
Ion Ratio Lower Upper

139 100

109 22.7 21.0 31.6

65 46.9 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 36.33 ng

RT: 7.46 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

Instrument :

BNA_F

ClientSampleId :

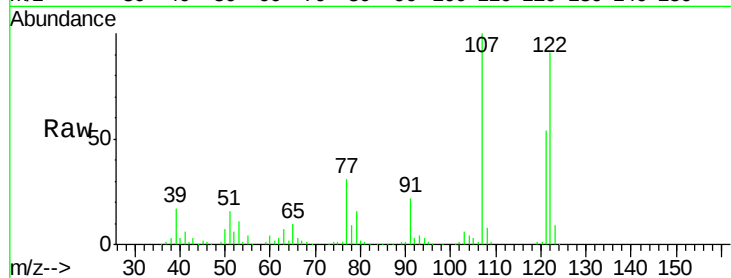
Tot Ion:122 Resp: 236403

Ion Ratio Lower Upper

122 100

107 109.7 89.2 133.8

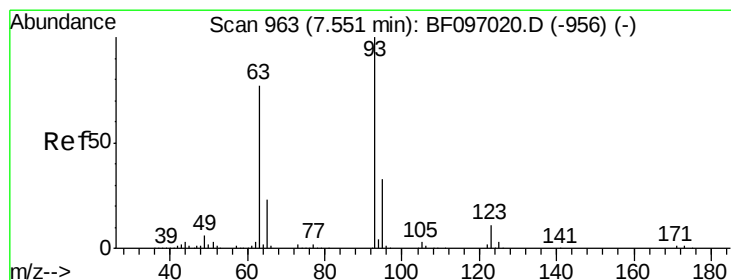
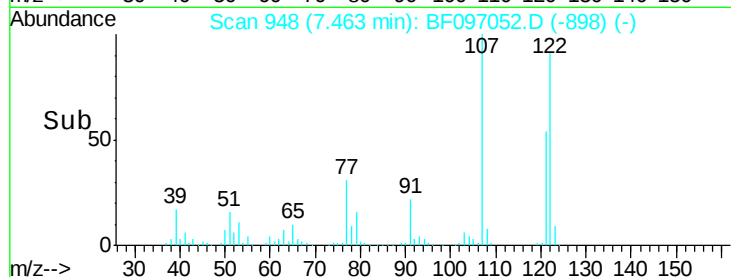
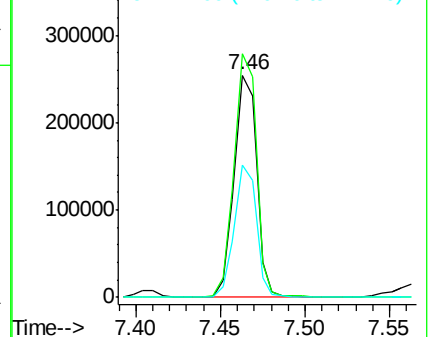
121 59.8 45.2 67.8



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: 36.69 ng

RT: 7.55 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

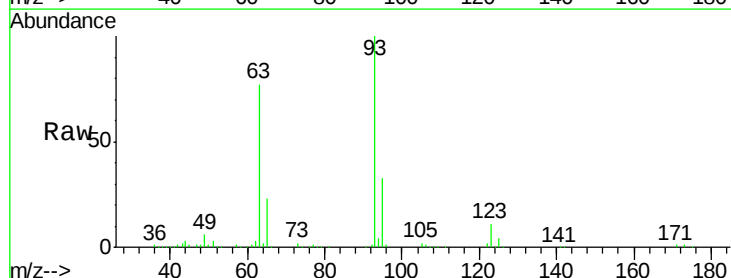
Tgt Ion: 93 Resp: 328214

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

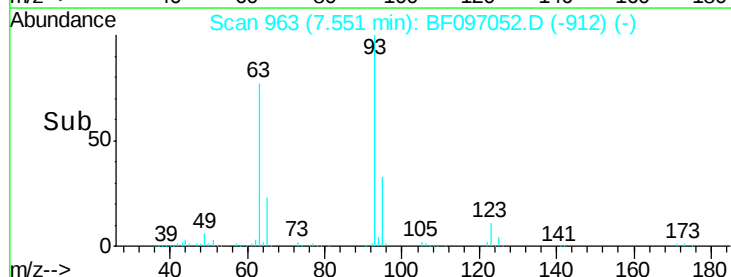
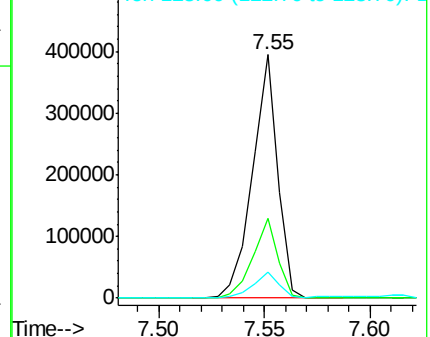
123 10.5 9.0 13.4

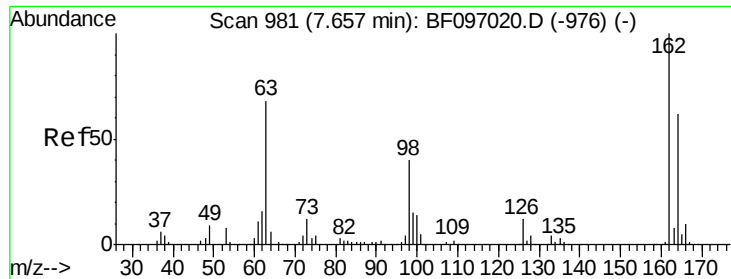


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

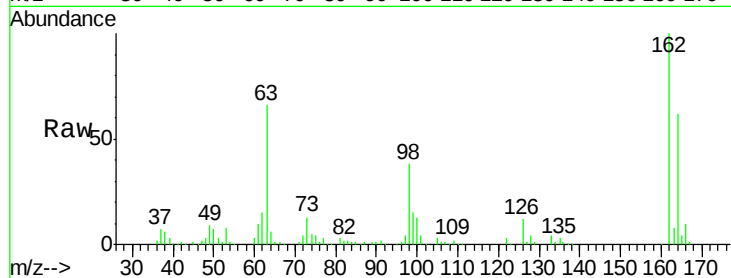




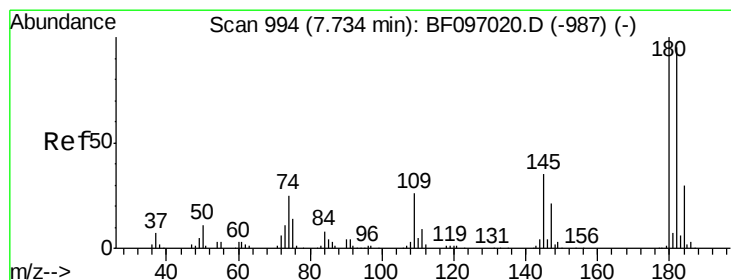
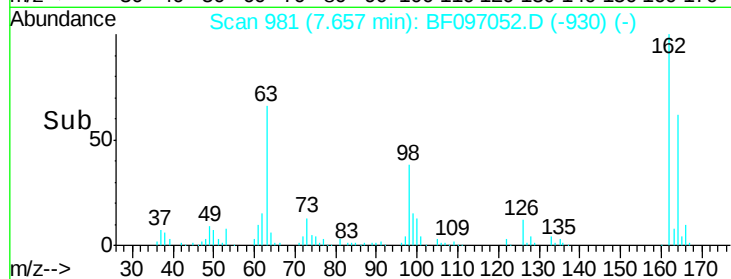
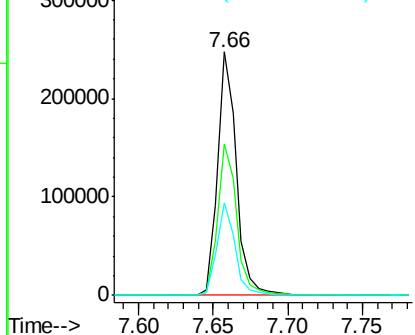
#29
 2,4-Dichlorophenol
 Concen: 39.07 ng
 RT: 7.66 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF097052.D
 Acq: 26 Jul 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	44.6	84.6
98	38.1	14.8	54.8

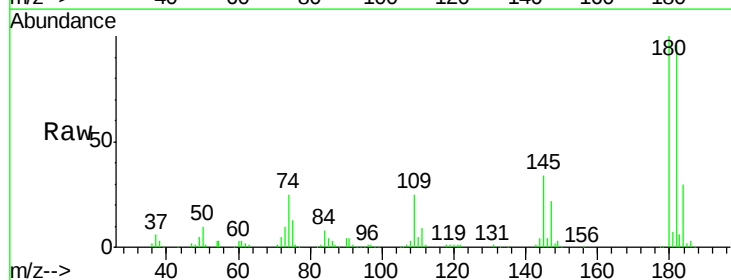


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

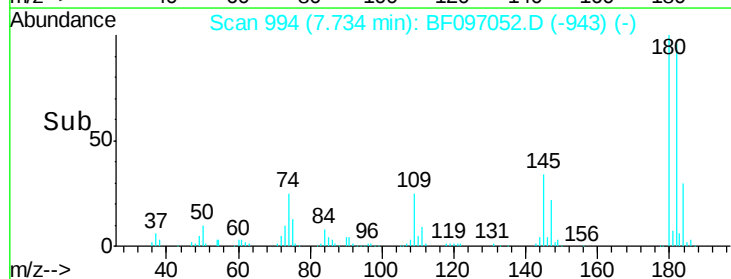
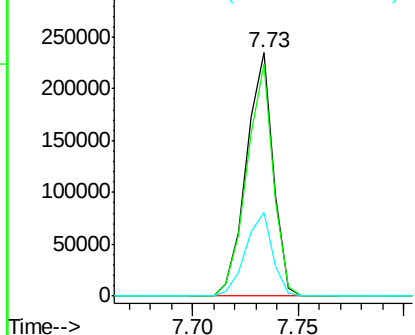


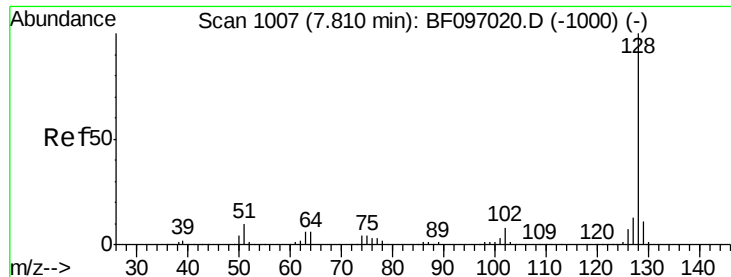
#30
 1,2,4-Trichlorobenzene
 Concen: 38.73 ng
 RT: 7.73 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF097052.D
 Acq: 26 Jul 2017 2:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.6
145	34.5	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

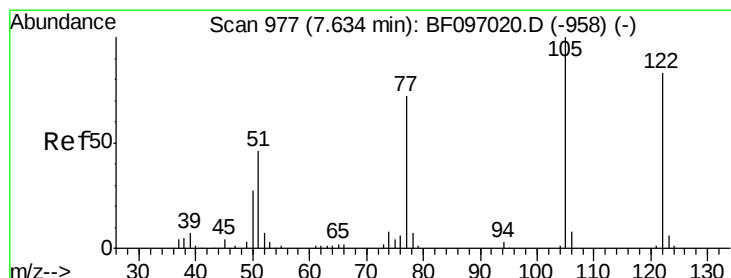
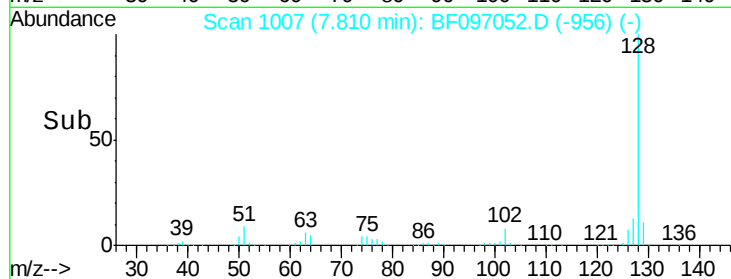
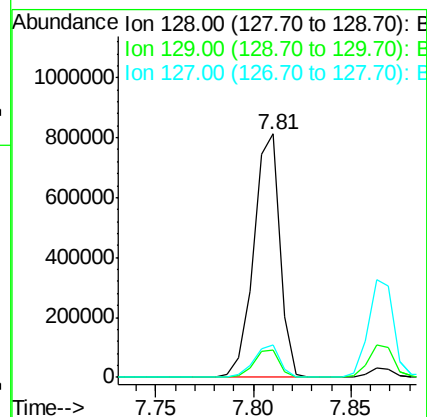
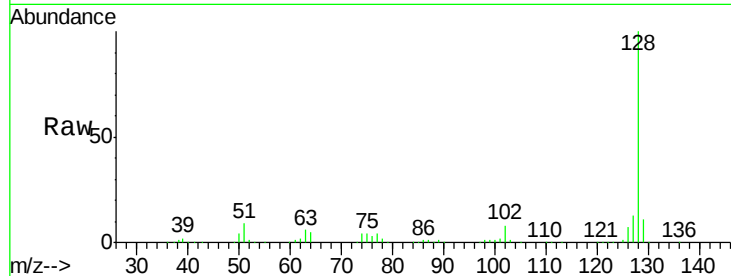




#31
Naphthalene
Concen: 38.99 ng
RT: 7.81 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

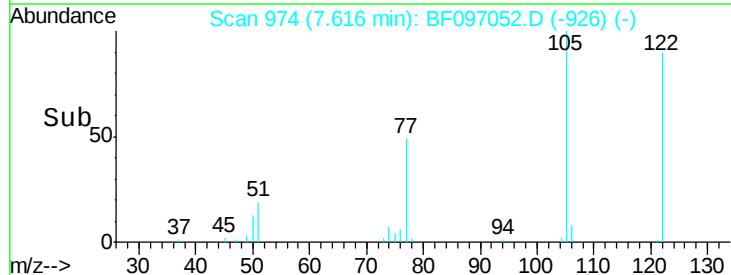
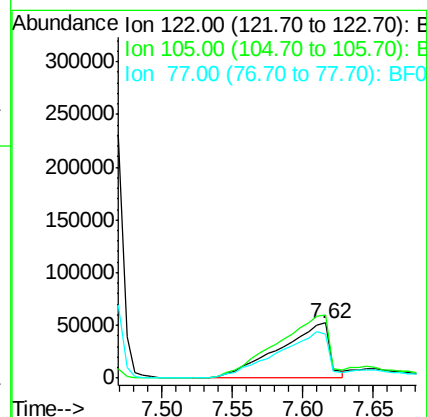
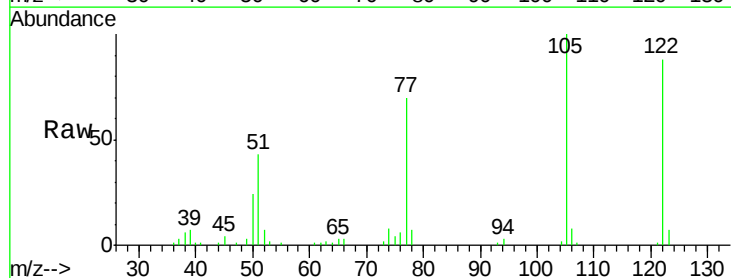
Instrument :
BNA_F
ClientSampleId :

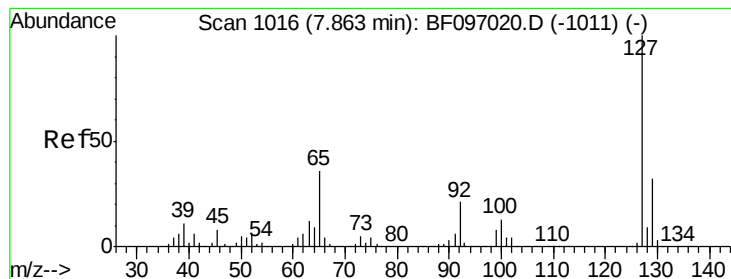
Tot Ion:128 Resp: 754661
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 26.63 ng
RT: 7.62 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Tgt Ion:122 Resp: 129372
Ion Ratio Lower Upper
122 100
105 113.5 103.3 143.3
77 79.2 73.7 113.7





#33

4-Chloroaniline

Concen: 38.15 ng

RT: 7.86 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 300516

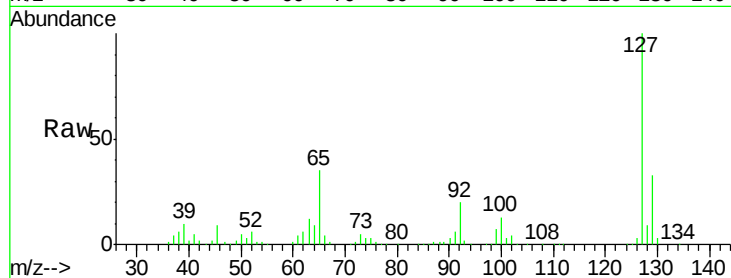
Ion Ratio Lower Upper

127 100

129 33.1 26.2 39.2

65 34.6 27.8 41.8

92 20.2 16.8 25.2

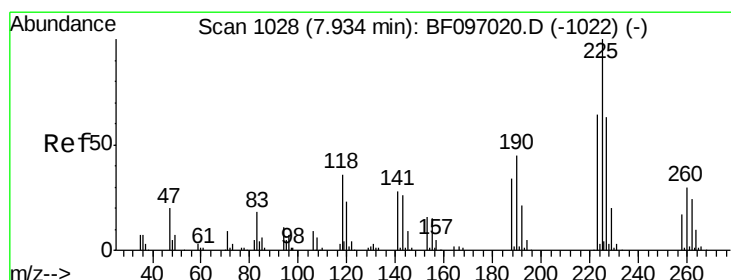
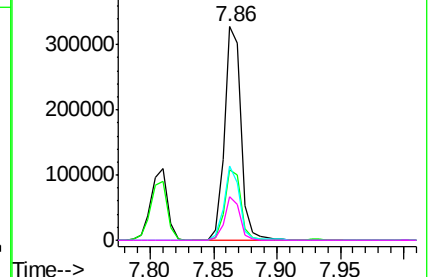
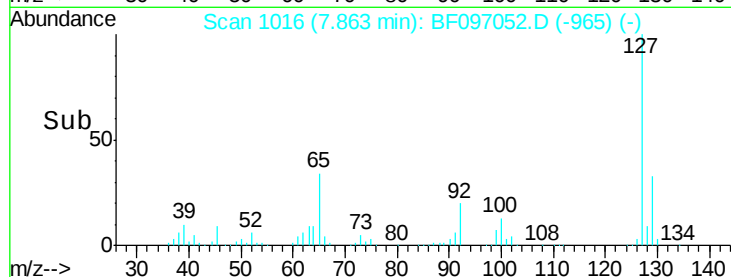


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.24 ng

RT: 7.93 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

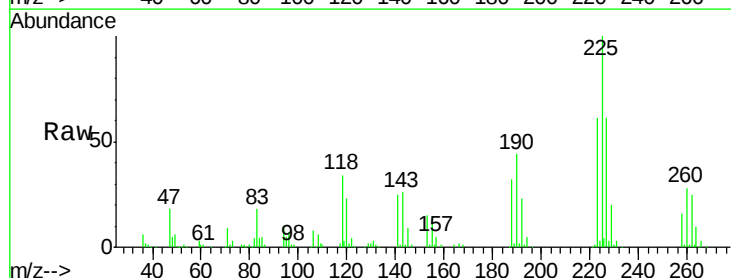
Tgt Ion:225 Resp: 113972

Ion Ratio Lower Upper

225 100

223 61.3 48.8 73.2

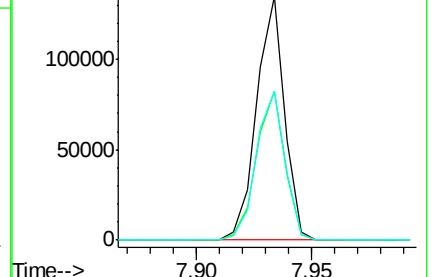
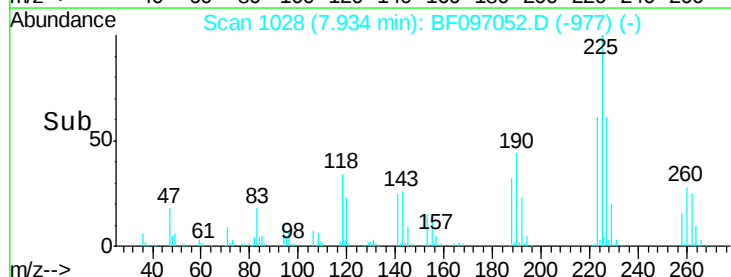
227 61.1 51.1 76.7

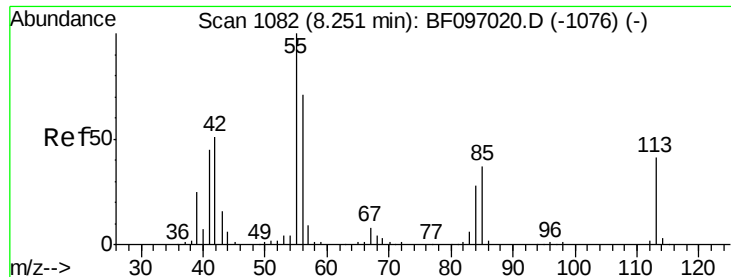


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

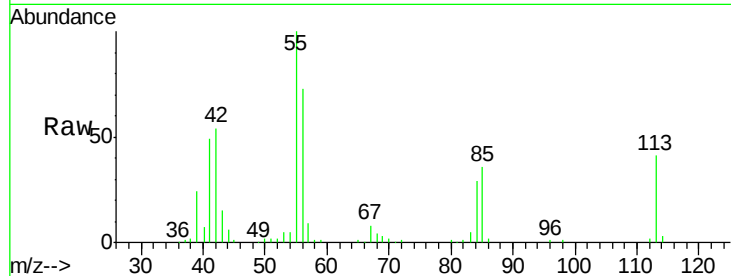




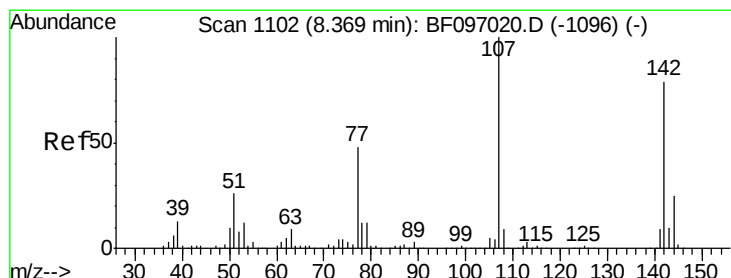
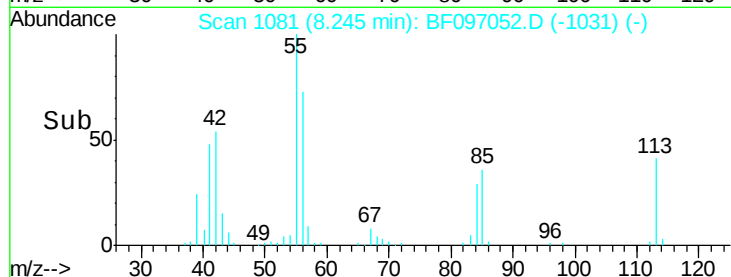
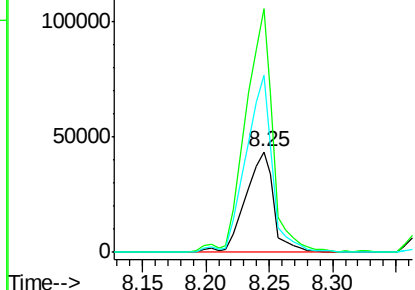
#35
Caprolactam
Concen: 37.55 ng
RT: 8.25 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 67486
Ion Ratio Lower Upper
113 100
55 241.7 150.2 190.2#
56 176.1 107.8 147.8#

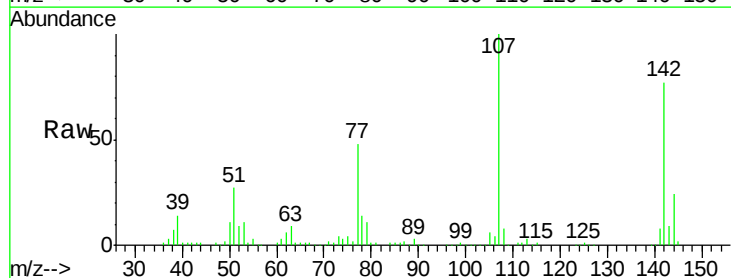


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

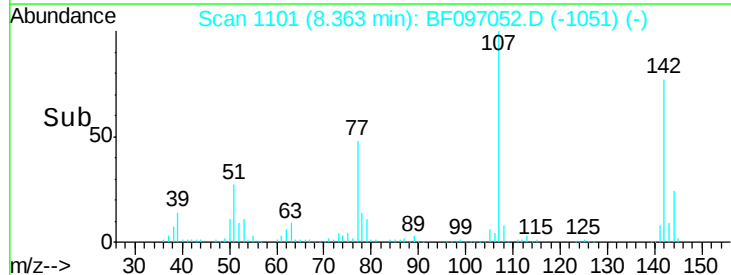
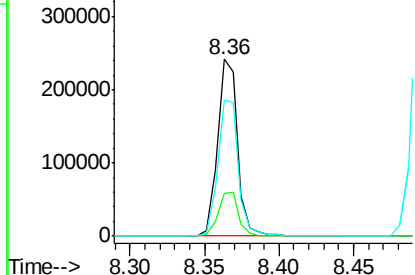


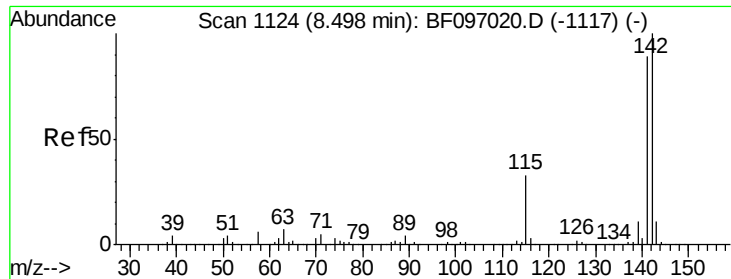
#36
4-Chloro-3-methylphenol
Concen: 37.01 ng
RT: 8.36 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Tgt Ion:107 Resp: 226318
Ion Ratio Lower Upper
107 100
144 24.4 24.2 36.4
142 76.8 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

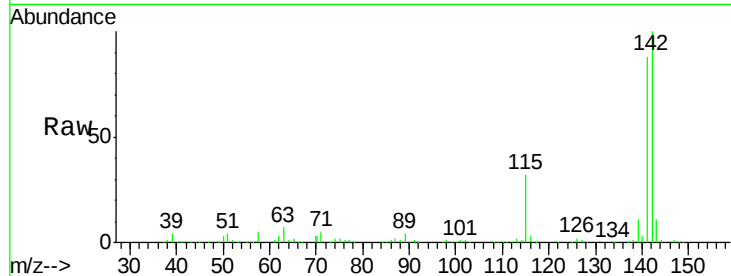




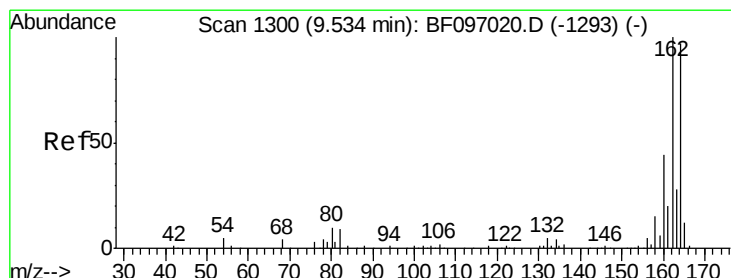
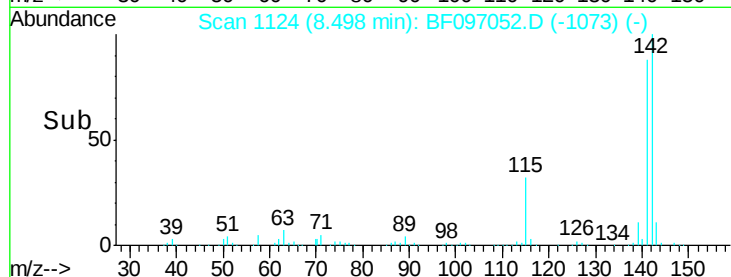
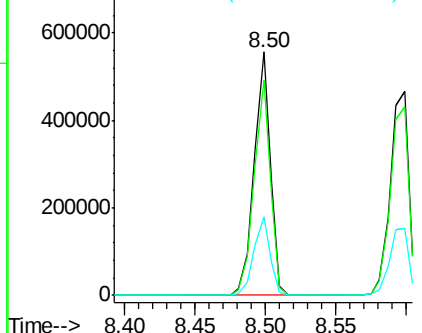
#37
2-Methylnaphthalene
Concen: 36.94 ng
RT: 8.50 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 452749
Ion Ratio Lower Upper
142 100
141 88.4 71.3 106.9
115 32.3 27.1 40.7

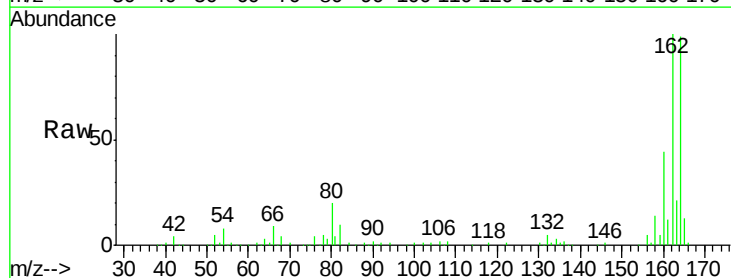


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

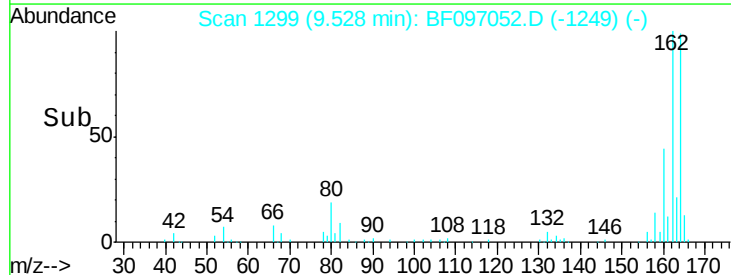
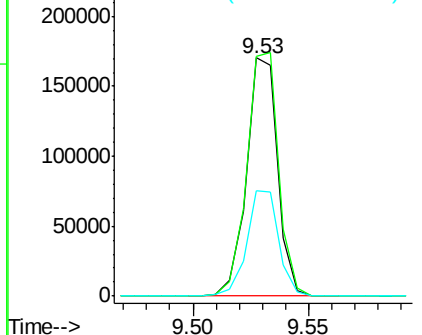


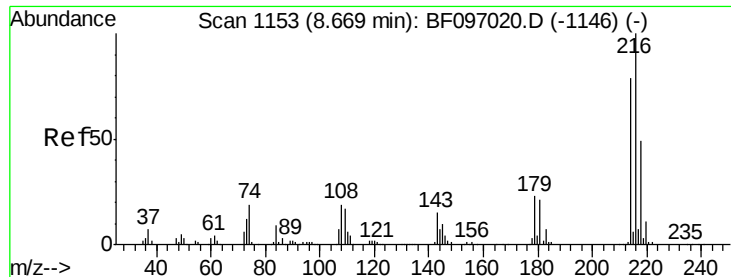
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Tgt Ion:164 Resp: 160211
Ion Ratio Lower Upper
164 100
162 100.9 82.6 123.8
160 44.2 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

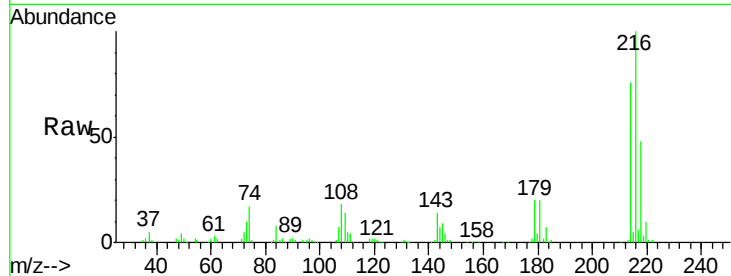




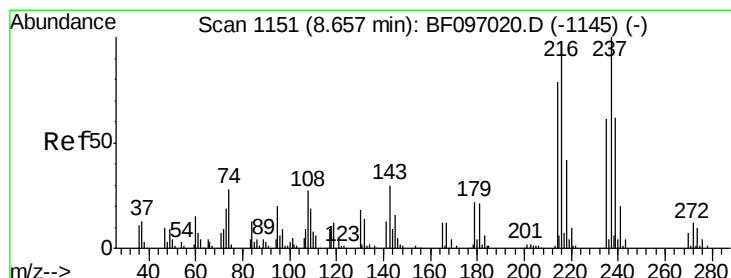
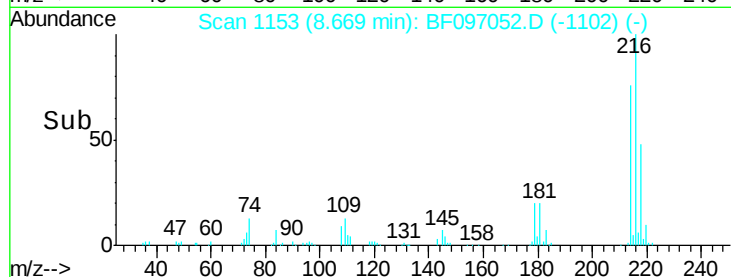
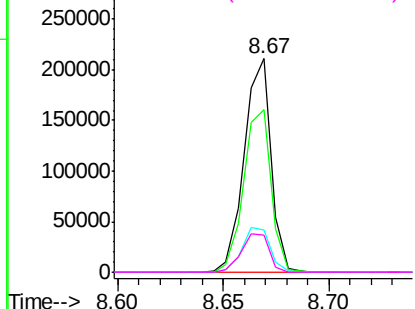
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.58 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF097052.D
 Acq: 26 Jul 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	186317
Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.4	95.2
179	22.0	17.9	26.9
108	18.9	16.5	24.7

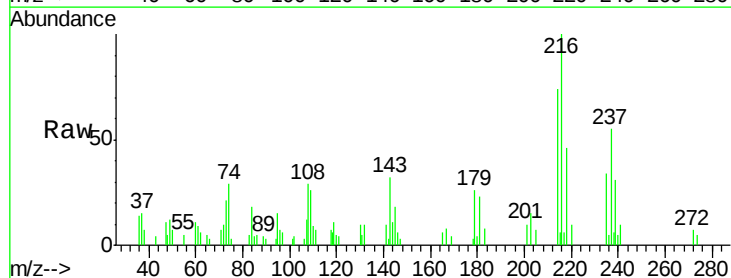


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

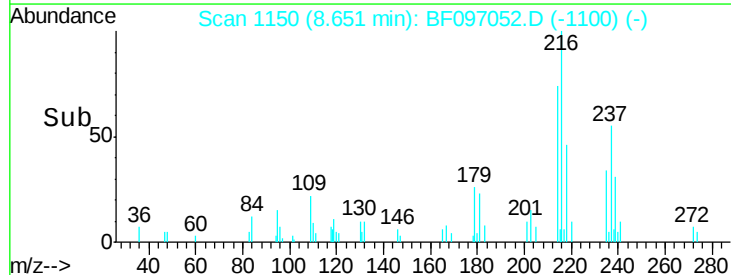
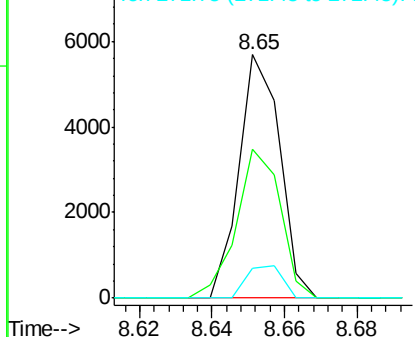


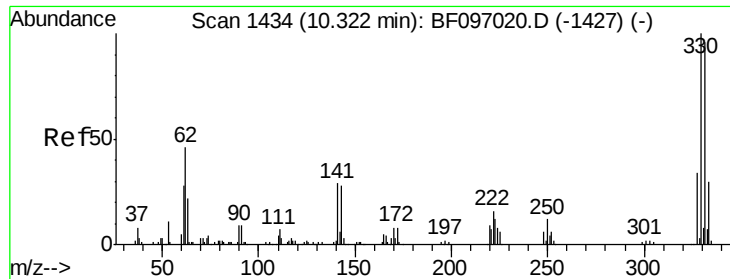
#40
 Hexachlorocyclopentadiene
 Concen: 9.31 ng
 RT: 8.65 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF097052.D
 Acq: 26 Jul 2017 2:52

Tgt Ion:	237	Resp:	4429
Ion	Ratio	Lower	Upper
237	100		
235	61.4	42.6	82.6
272	12.4	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

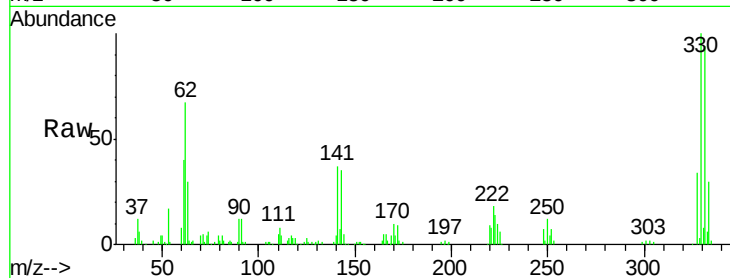




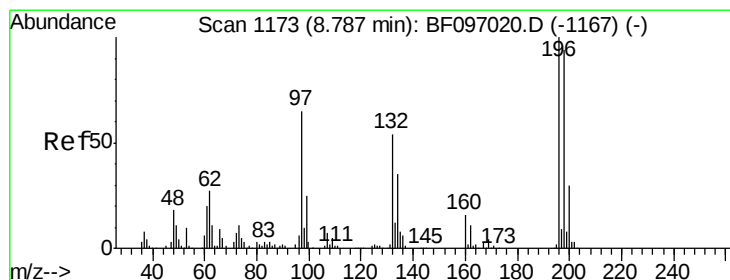
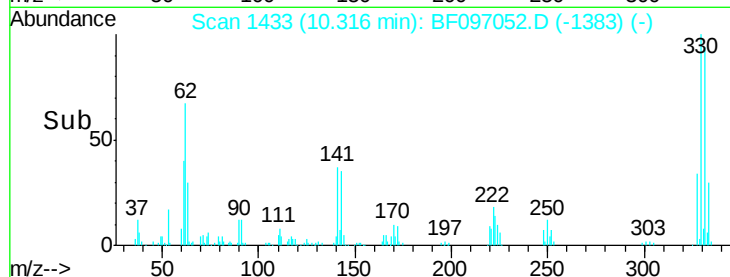
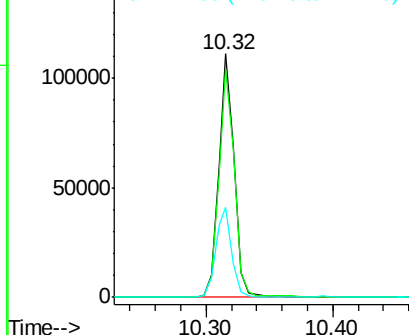
#41
 2,4,6-Tribromophenol
 Concen: 75.04 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097052.D
 Acq: 26 Jul 2017 2:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	Resp	Lower	Upper
330	100			
332	95.7	76.6	115.0	
141	38.3	31.4	47.2	

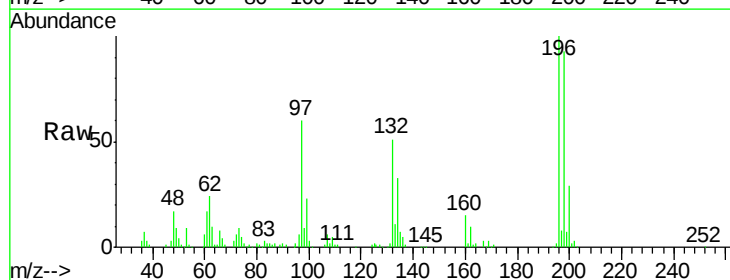


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

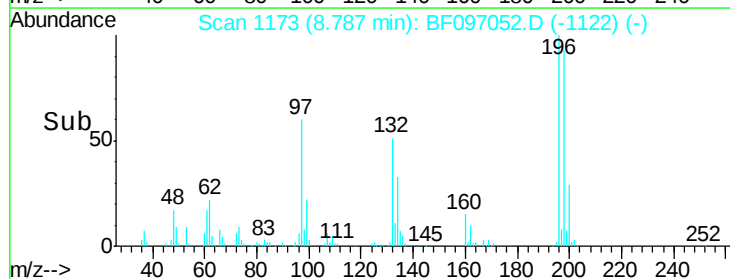
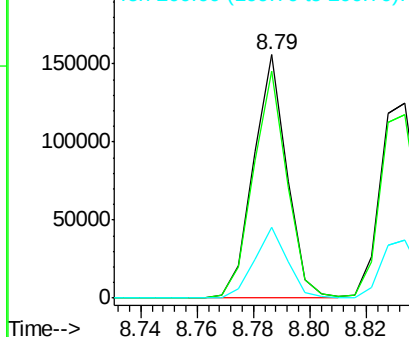


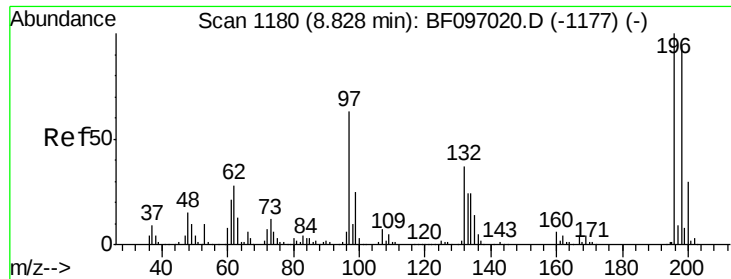
#42
 2,4,6-Trichlorophenol
 Concen: 41.38 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF097052.D
 Acq: 26 Jul 2017 2:52

Tgt Ion	196	Resp	Lower	Upper
196	100			
198	93.3	74.2	111.4	
200	29.2	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

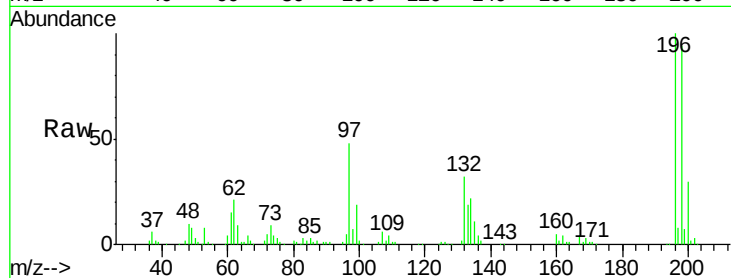




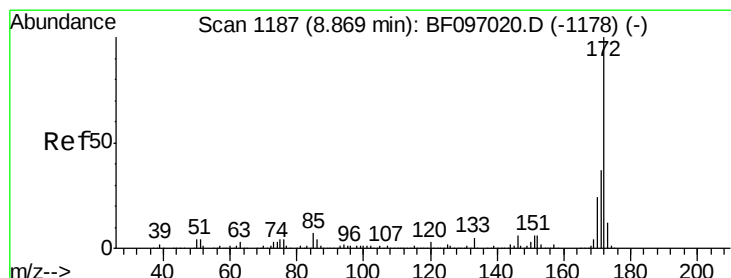
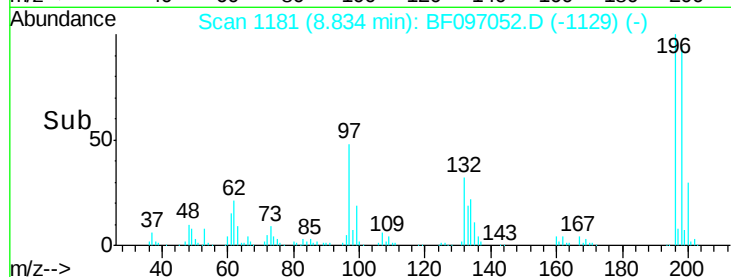
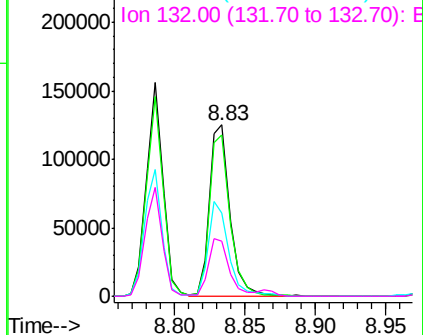
#43
 2,4,5-Trichlorophenol
 Concen: 40.79 ng
 RT: 8.83 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF097052.D
 Acq: 26 Jul 2017 2:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	126489
Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.7	113.5
97	48.4	47.7	71.5
132	32.3	28.0	42.0

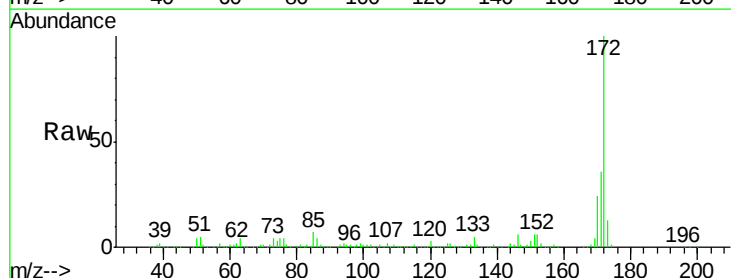


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

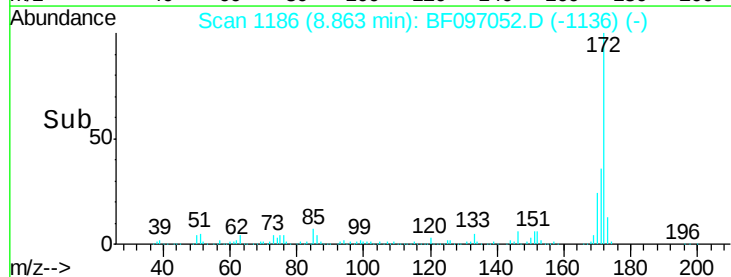
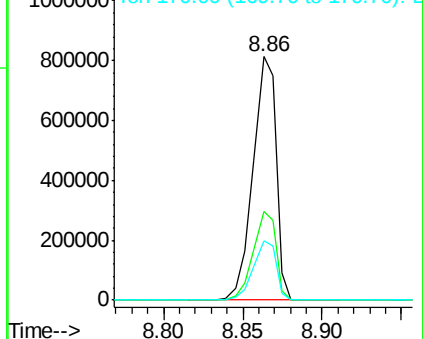


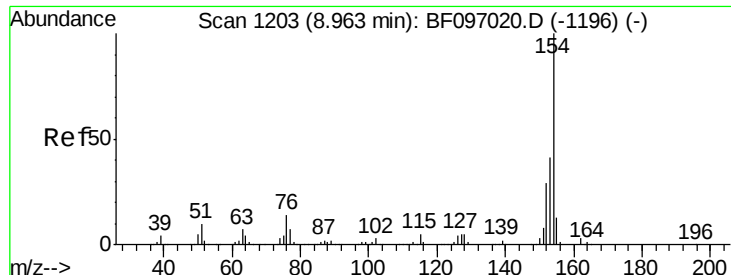
#44
 2-Fluorobiphenyl
 Concen: 87.37 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097052.D
 Acq: 26 Jul 2017 2:52

Tgt Ion:	172	Resp:	824809
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.4	19.8	29.8



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

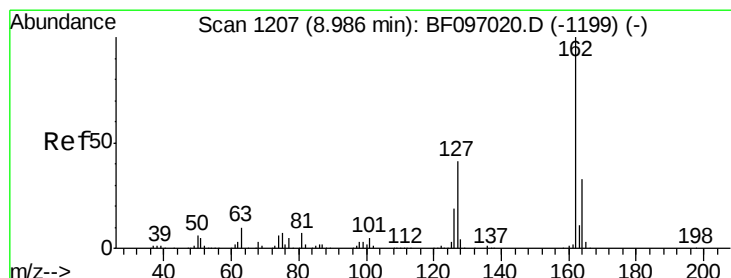
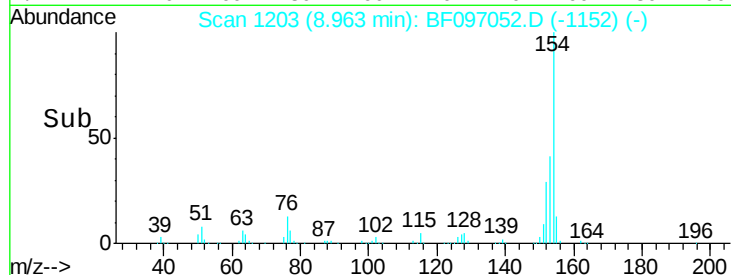
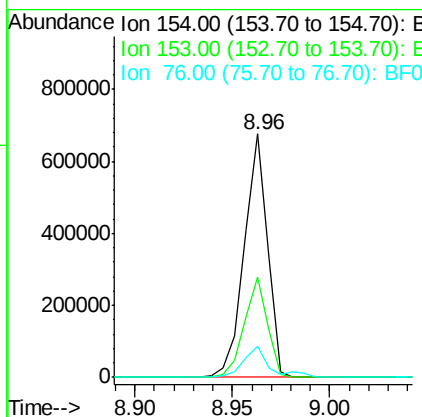
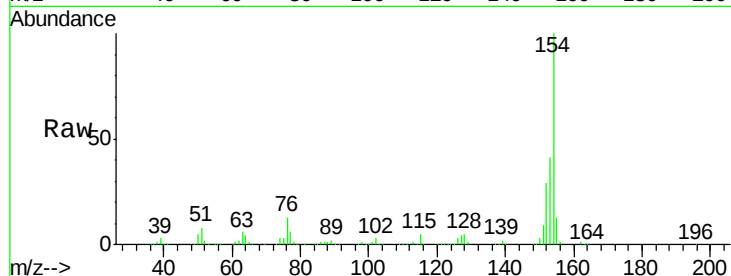




#45
 1,1'-Biphenyl
 Concen: 40.61 ng
 RT: 8.96 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF097052.D
 Acq: 26 Jul 2017 2:52

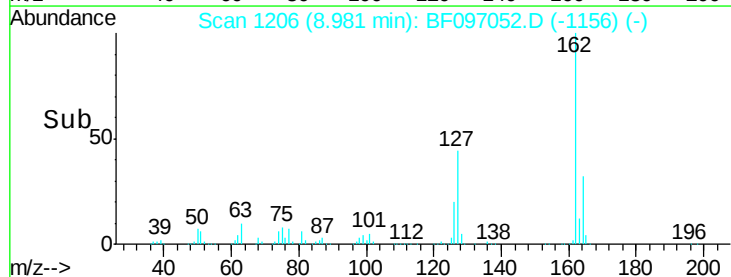
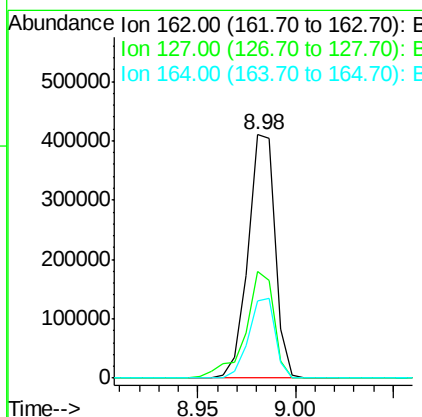
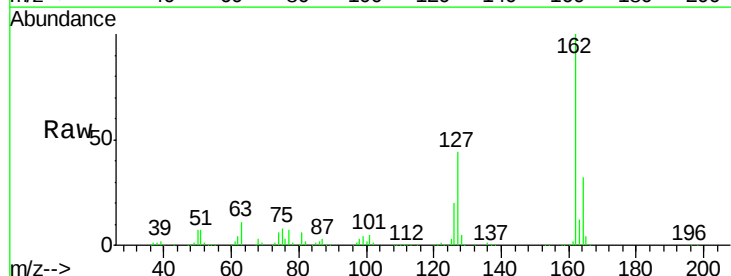
Instrument :
 BNA_F
 ClientSampleId :

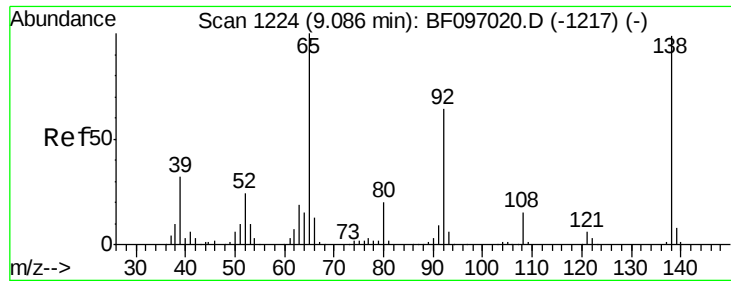
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.2	61.2
76	12.7	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 39.18 ng
 RT: 8.98 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF097052.D
 Acq: 26 Jul 2017 2:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.6	28.3	42.5#
164	32.0	27.0	40.4

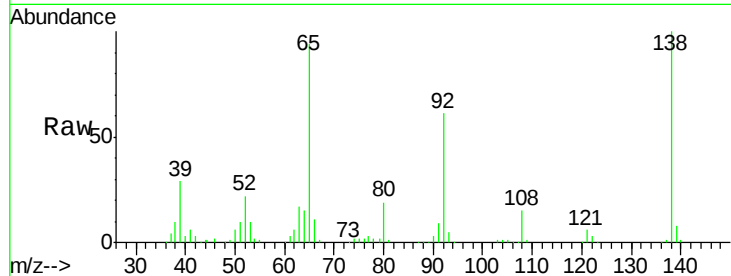




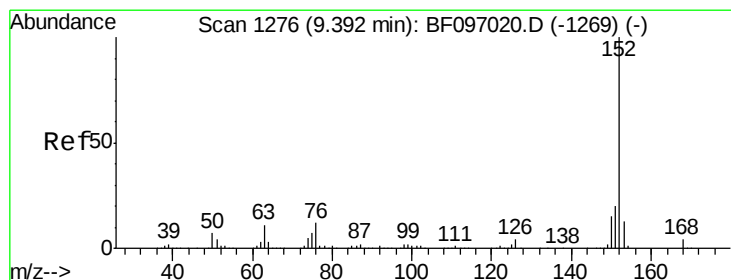
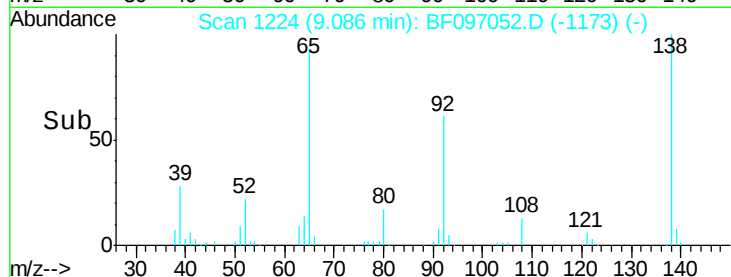
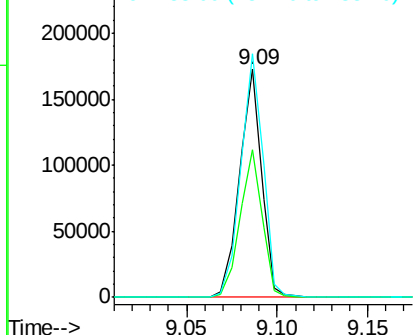
#47
2-Nitroaniline
Concen: 40.07 ng
RT: 9.09 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 146438
Ion Ratio Lower Upper
65 100
92 64.9 53.9 80.9
138 106.7 78.8 118.2

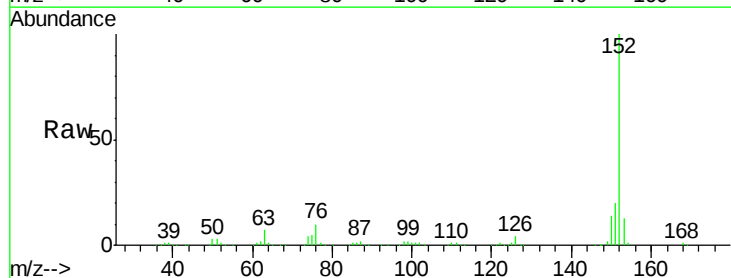


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

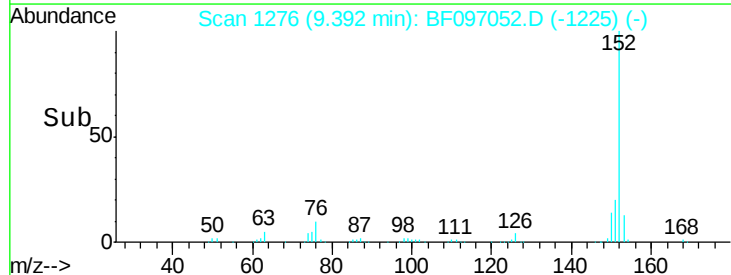
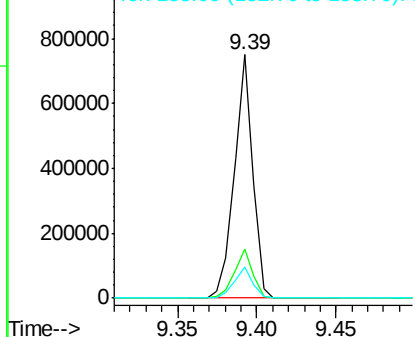


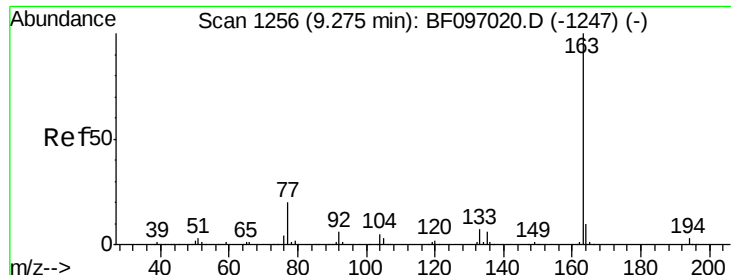
#48
Acenaphthylene
Concen: 39.12 ng
RT: 9.39 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Tgt Ion: 152 Resp: 604597
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 12.9 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

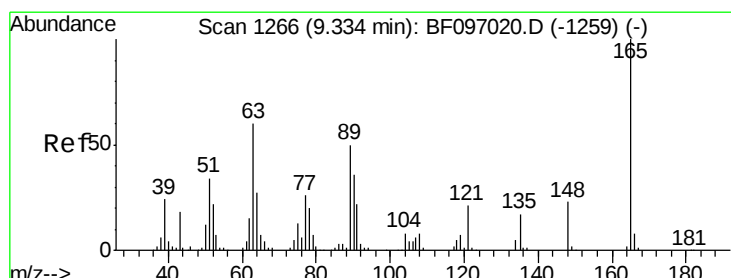
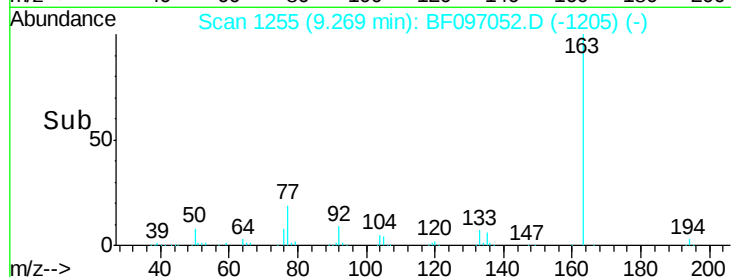
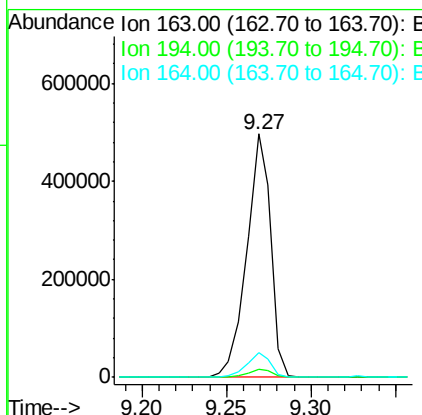
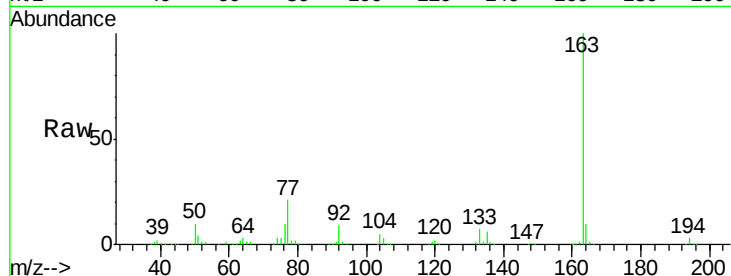




#49
Dimethylphthalate
Concen: 40.41 ng
RT: 9.27 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

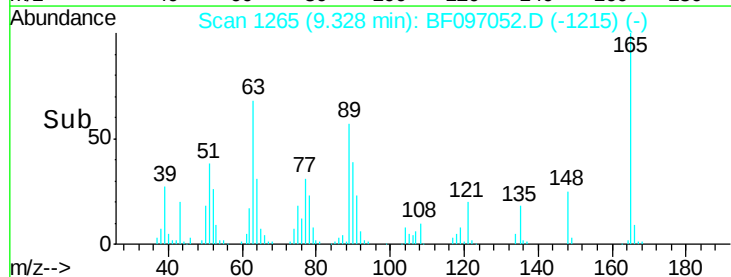
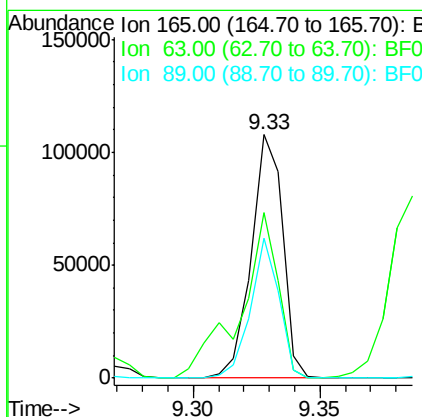
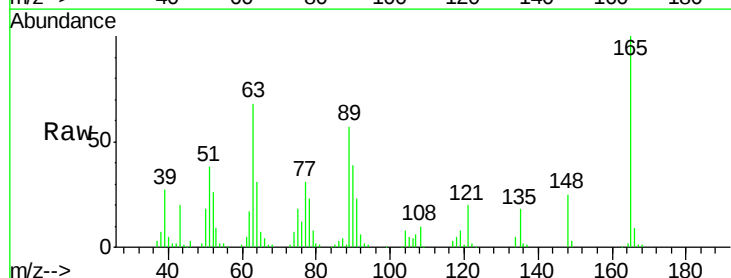
Instrument :
BNA_F
ClientSampleId :

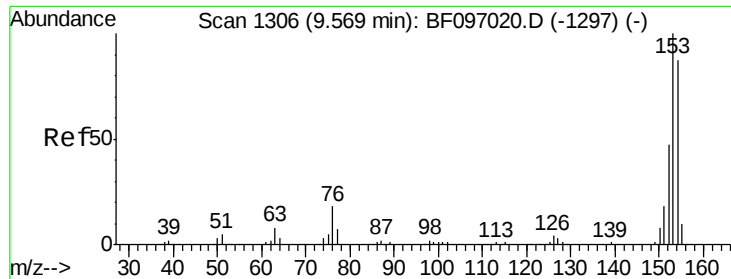
Tot Ion:163 Resp: 491640
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.1 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 36.01 ng
RT: 9.33 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Tgt Ion:165 Resp: 92910
Ion Ratio Lower Upper
165 100
63 67.9 34.3 51.5#
89 57.4 37.1 55.7#





#51

Acenaphthene

Concen: 38.74 ng

RT: 9.56 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

Instrument :

BNA_F

ClientSampleId :

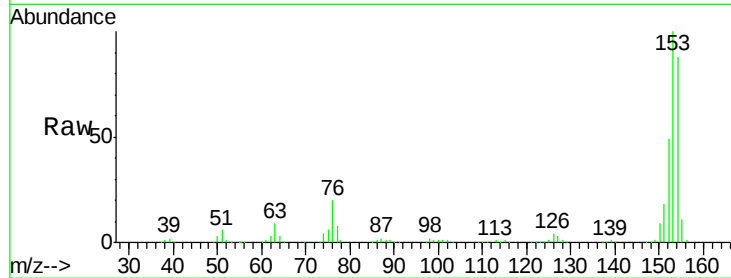
Tot Ion:154 Resp: 352723

Ion Ratio Lower Upper

154 100

153 113.4 90.5 135.7

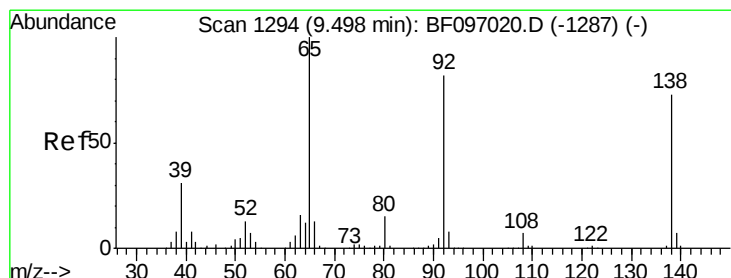
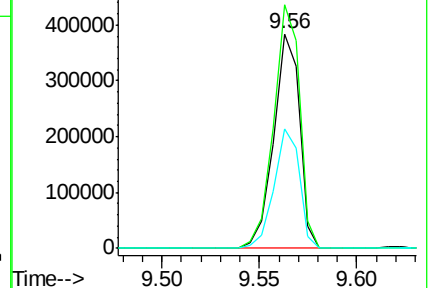
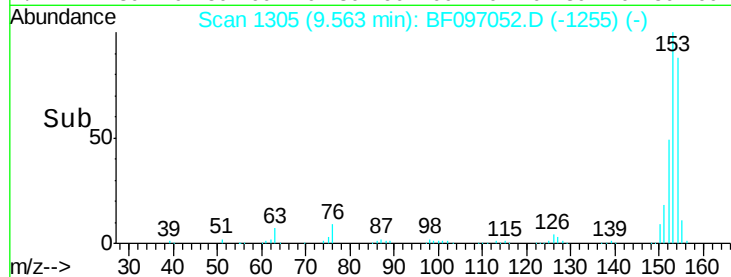
152 55.9 43.6 65.4



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: 41.33 ng

RT: 9.50 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

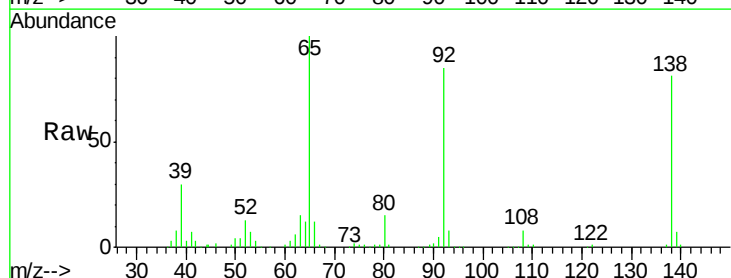
Tgt Ion:138 Resp: 132376

Ion Ratio Lower Upper

138 100

108 9.7 9.1 13.7

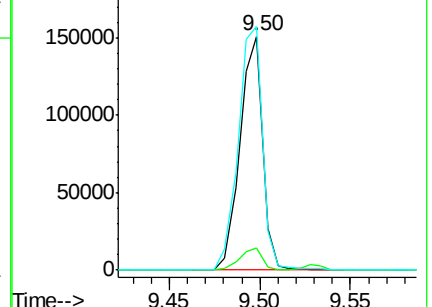
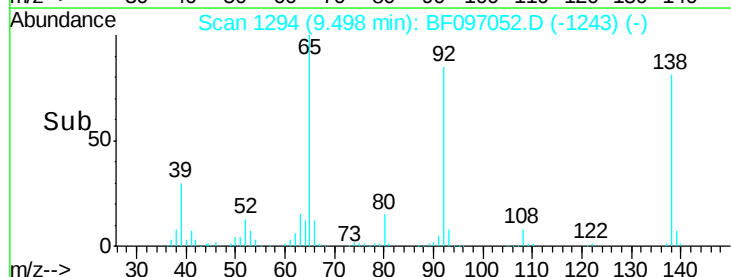
92 104.3 93.8 140.6

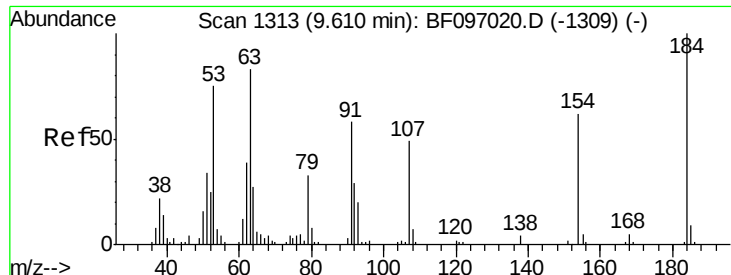


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

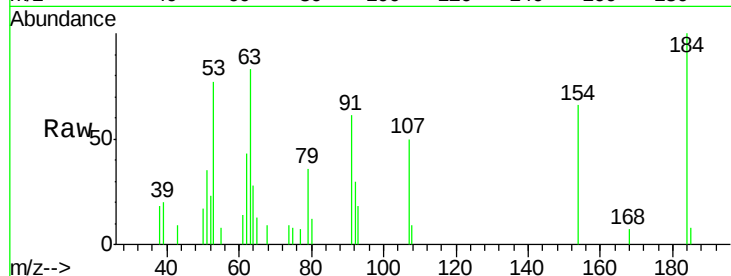




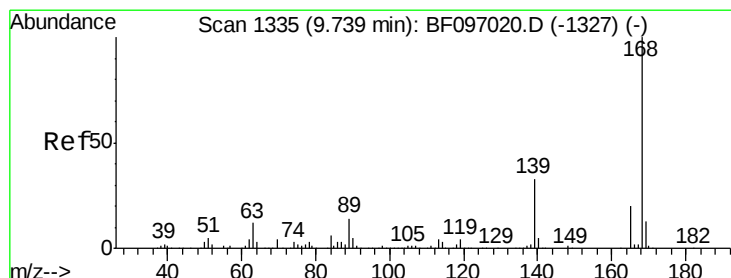
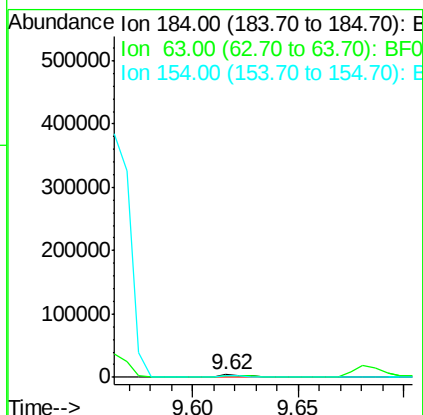
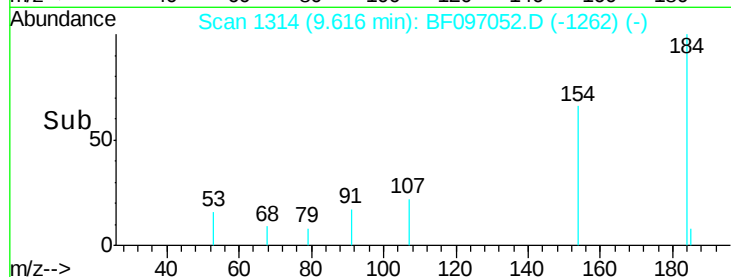
#53
2,4-Dinitrophenol
Concen: 4.83 ng
RT: 9.62 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 5666
Ion Ratio Lower Upper
184 100
63 82.5 62.7 94.1
154 66.0 81.1 121.7#

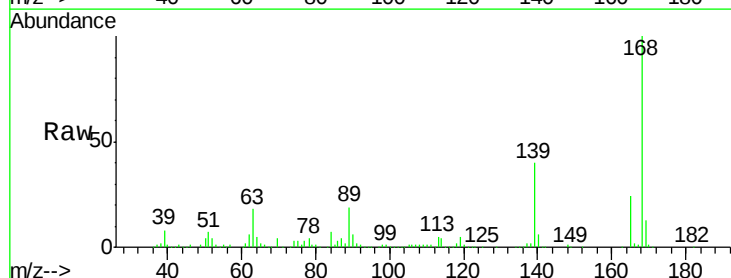


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

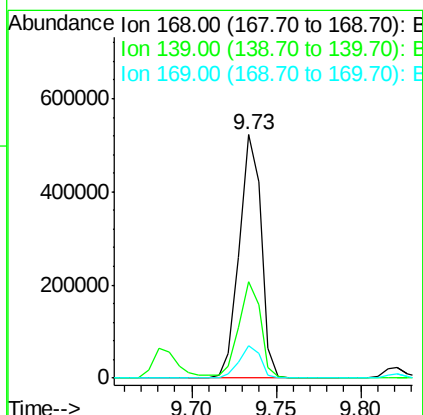
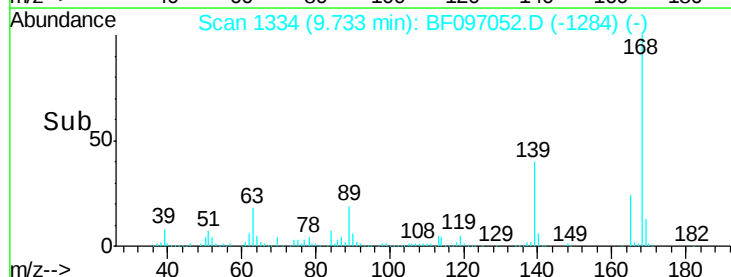


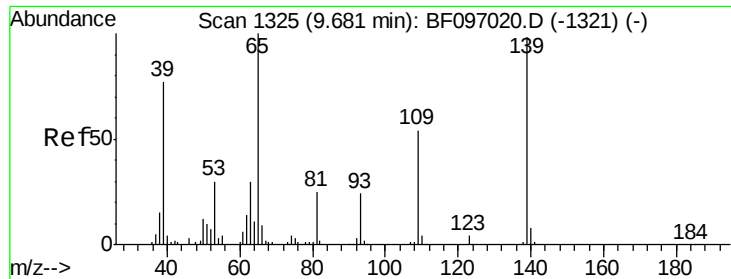
#54
Dibenzofuran
Concen: 38.92 ng
RT: 9.73 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Tgt Ion:168 Resp: 471950
Ion Ratio Lower Upper
168 100
139 39.8 30.6 45.8
169 13.3 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

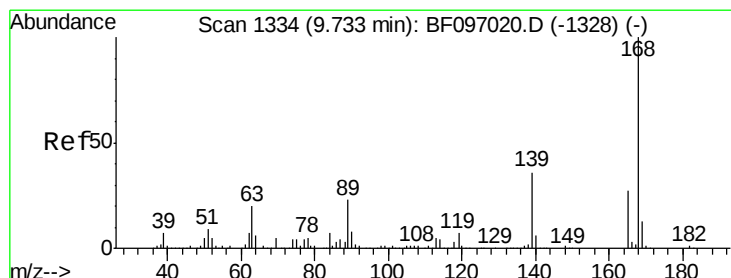
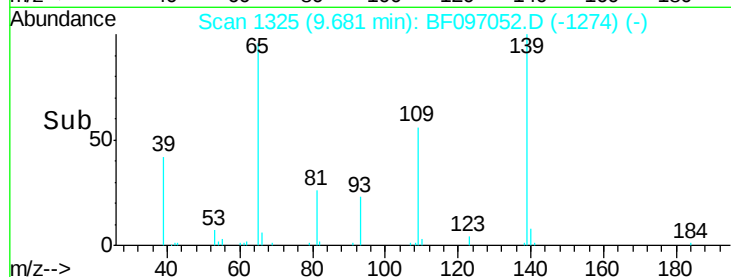
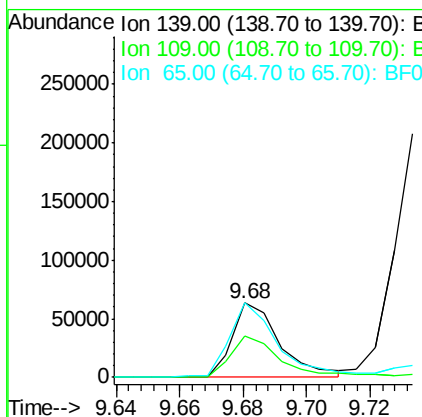
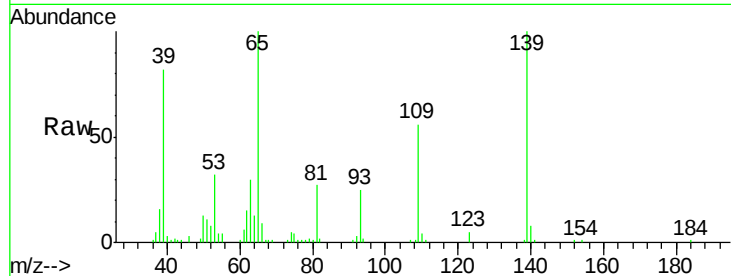




#55
4-Nitrophenol
Concen: 34.78 ng
RT: 9.68 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

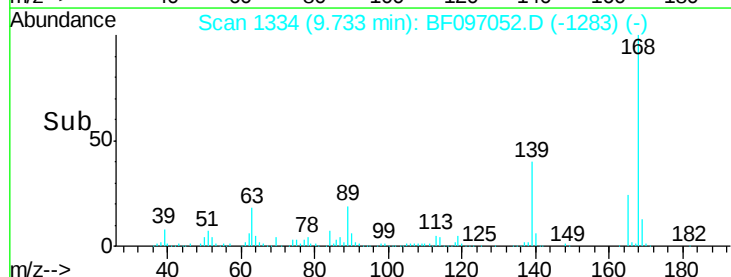
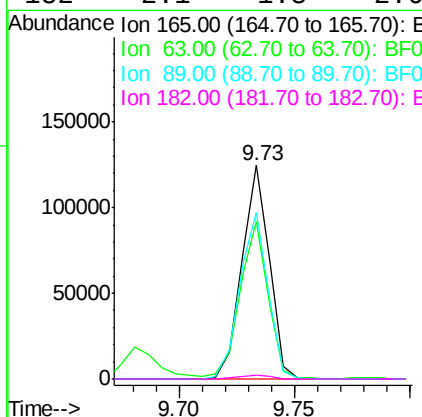
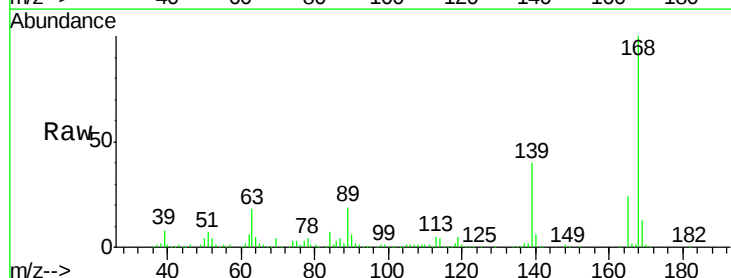
Instrument :
BNA_F
ClientSampleId :

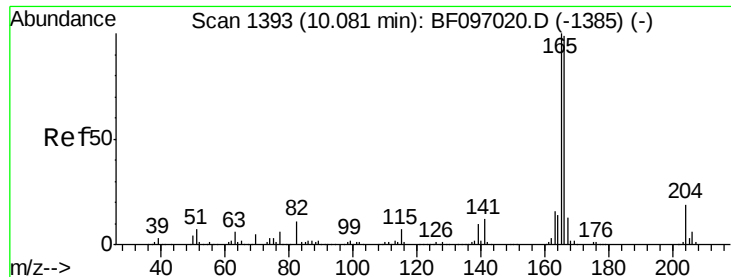
Tot Ion:139 Resp: 66240
Ion Ratio Lower Upper
139 100
109 56.1 34.1 74.1
65 99.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 34.78 ng
RT: 9.73 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Tgt Ion:165 Resp: 103165
Ion Ratio Lower Upper
165 100
63 73.9 25.4 38.0#
89 77.9 46.4 69.6#
182 2.1 1.8 2.6

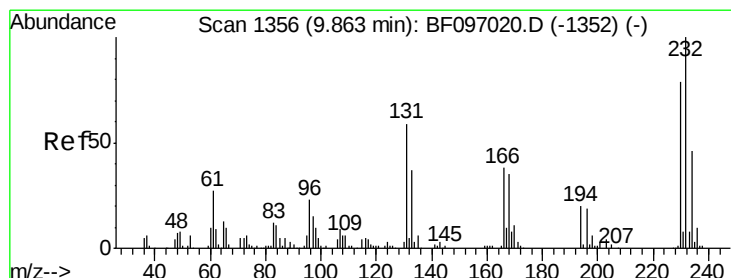
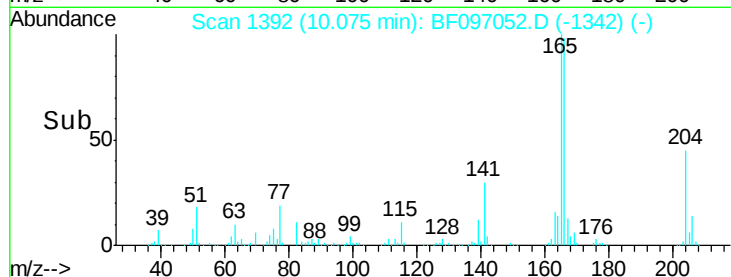
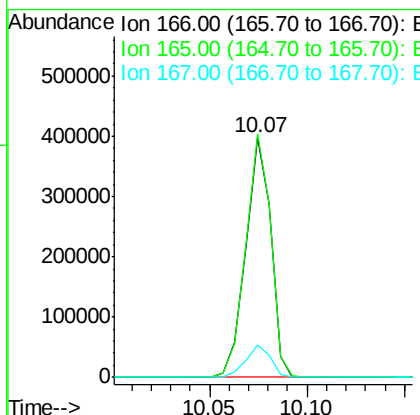
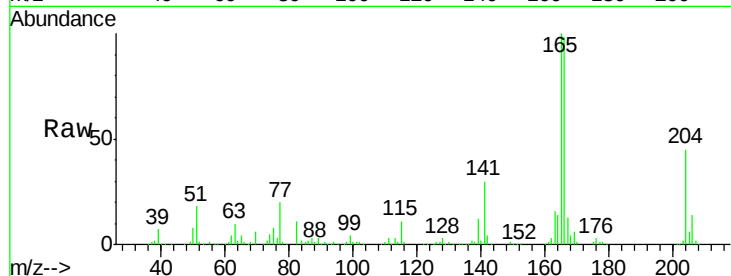




#57
 Fluorene
 Concen: 38.94 ng
 RT: 10.07 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF097052.D
 Acq: 26 Jul 2017 2:52

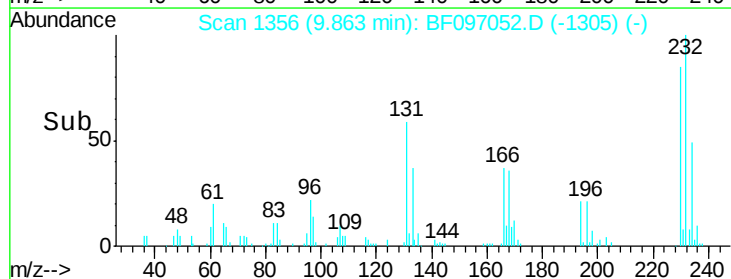
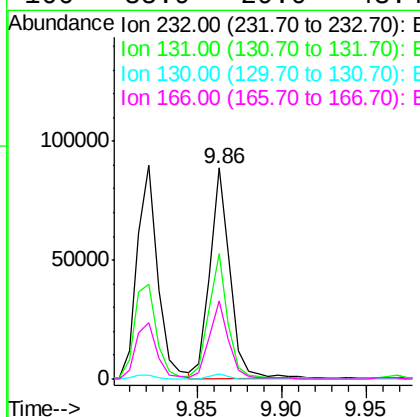
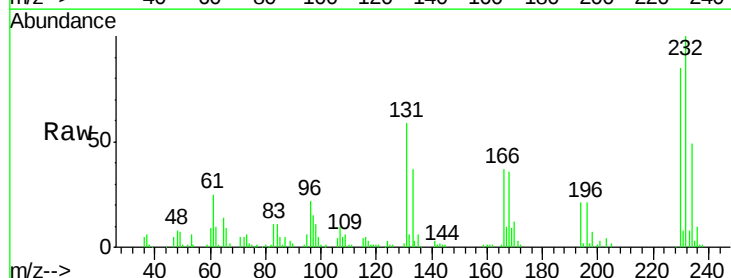
Instrument :
 BNA_F
 ClientSampleId :

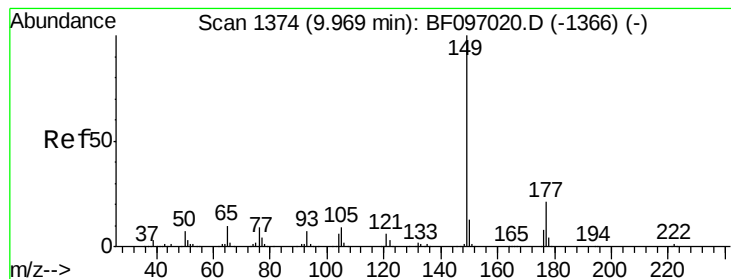
Tot Ion	Ratio	Lower	Upper
166	100		
165	101.8	78.8	118.2
167	13.5	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.66 ng
 RT: 9.86 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF097052.D
 Acq: 26 Jul 2017 2:52

Tgt Ion	Ratio	Lower	Upper
232	100		
131	57.7	44.8	67.2
130	2.2	2.3	3.5#
166	35.9	29.0	43.4





#59

Diethylphthalate

Concen: 40.24 ng

RT: 9.96 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

Instrument :

BNA_F

ClientSampleId :

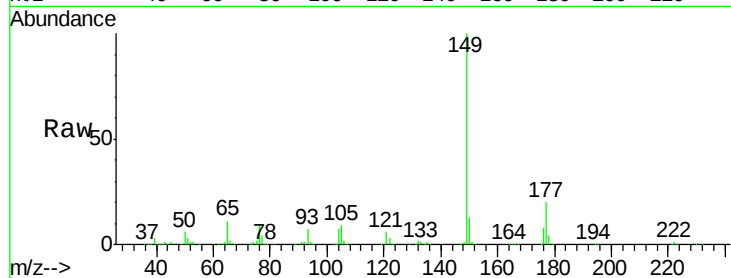
Tot Ion:149 Resp: 449184

Ion Ratio Lower Upper

149 100

177 20.5 16.7 25.1

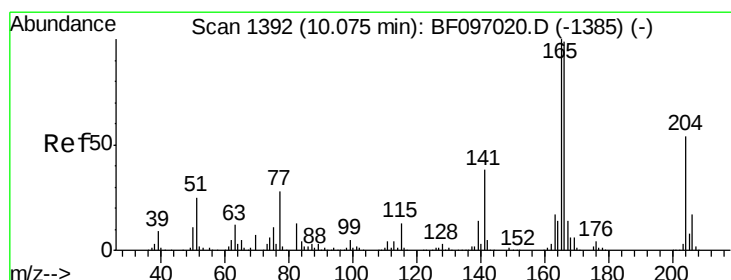
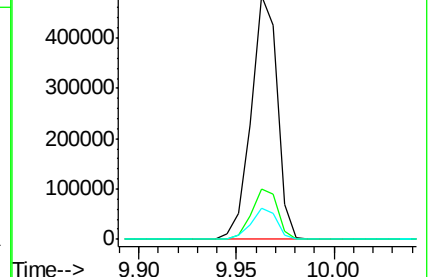
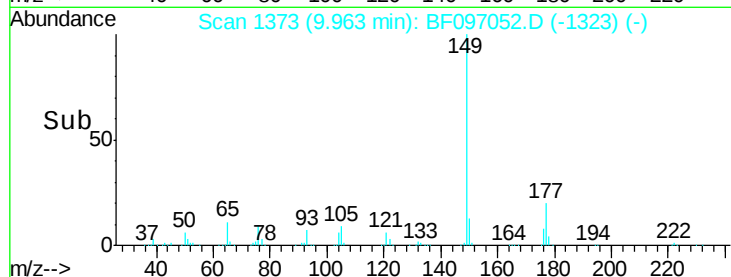
150 12.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.15 ng

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

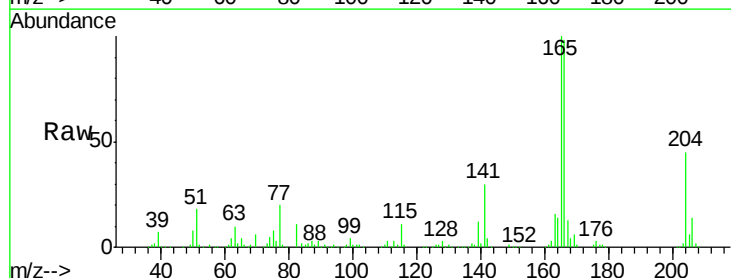
Tgt Ion:204 Resp: 154893

Ion Ratio Lower Upper

204 100

206 32.0 26.2 39.2

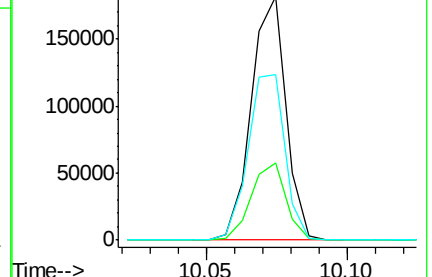
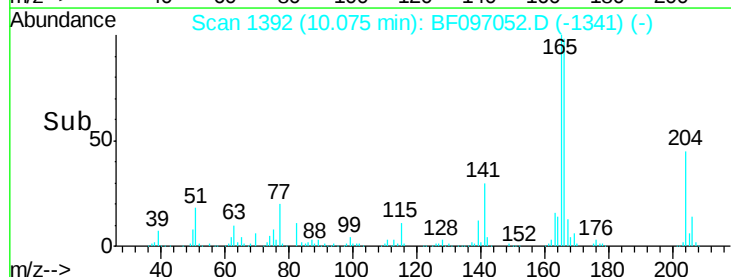
141 67.7 60.8 91.2

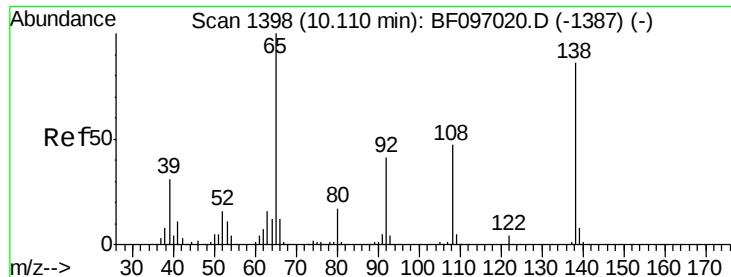


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

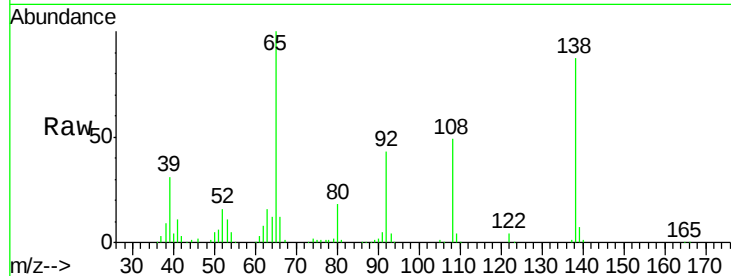




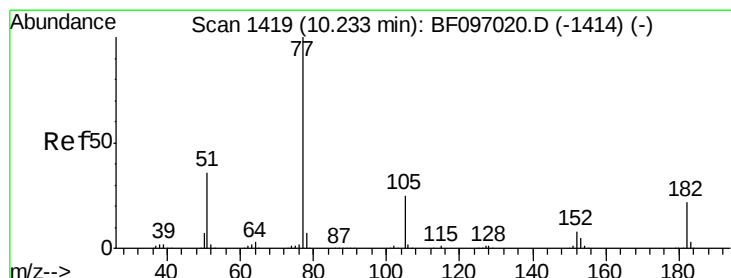
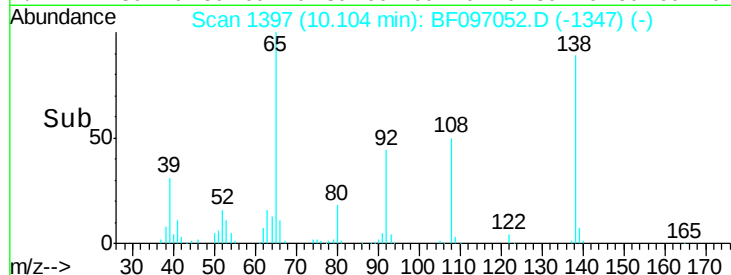
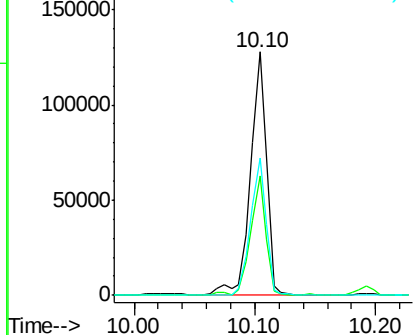
#61
4-Nitroaniline
Concen: 39.74 ng
RT: 10.10 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 120932
Ion Ratio Lower Upper
138 100
92 49.3 21.8 61.8
108 56.5 42.3 82.3

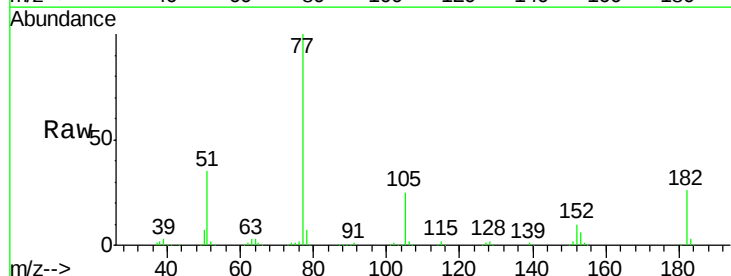


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

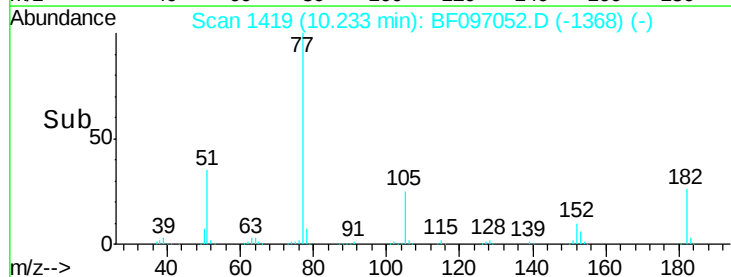
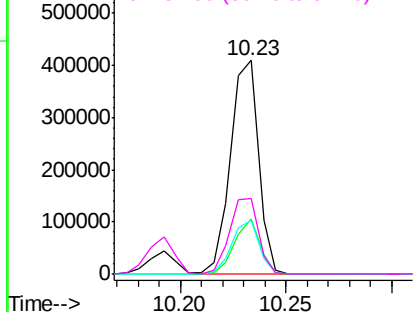


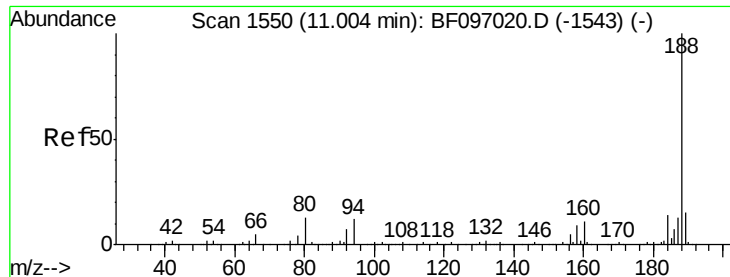
#62
Azobenzene
Concen: 36.21 ng
RT: 10.23 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Tgt Ion: 77 Resp: 374943
Ion Ratio Lower Upper
77 100
182 25.6 0.1 40.1
105 25.3 3.6 43.6
51 35.3 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

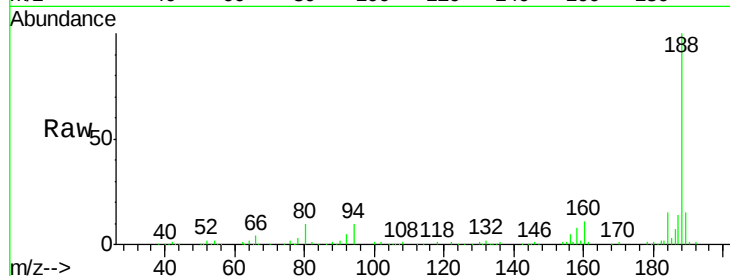




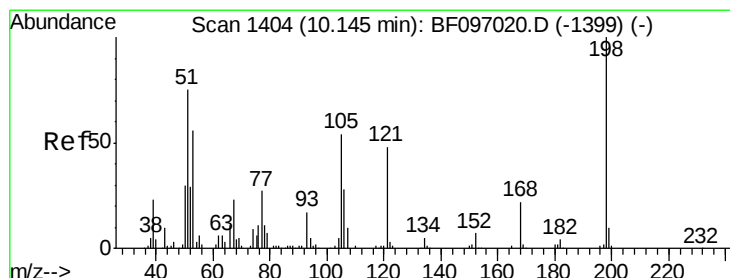
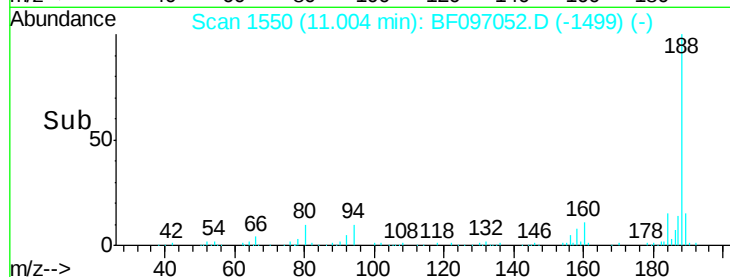
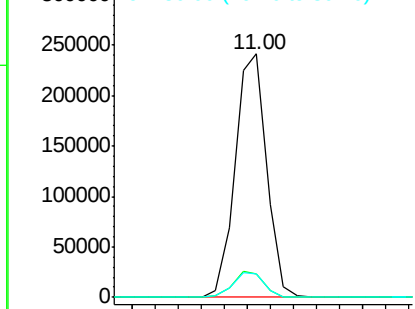
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	9.7	10.2	15.2#

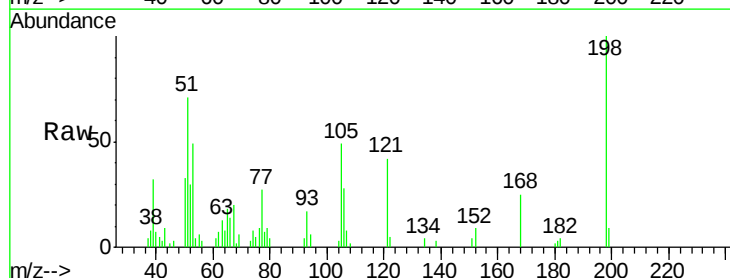


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

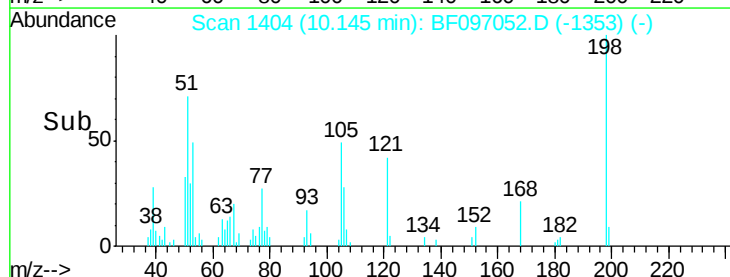
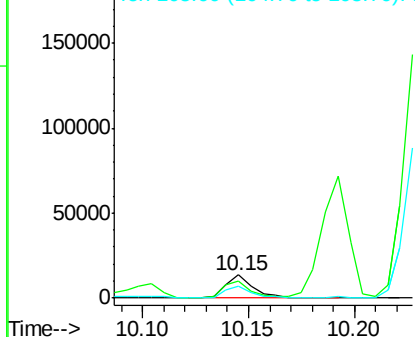


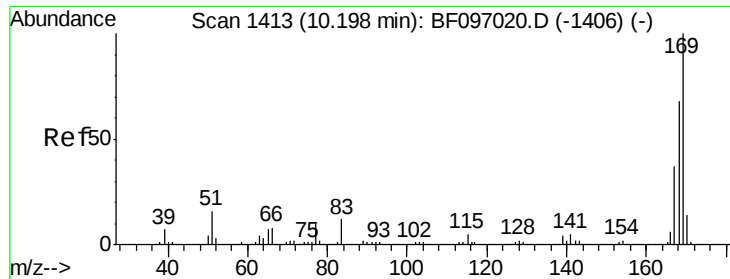
#64
4,6-Dinitro-2-methylphenol
Concen: 8.60 ng
RT: 10.15 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Tgt Ion	Ratio	Lower	Upper
198	100		
51	70.6	53.2	93.2
105	49.0	45.8	85.8



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

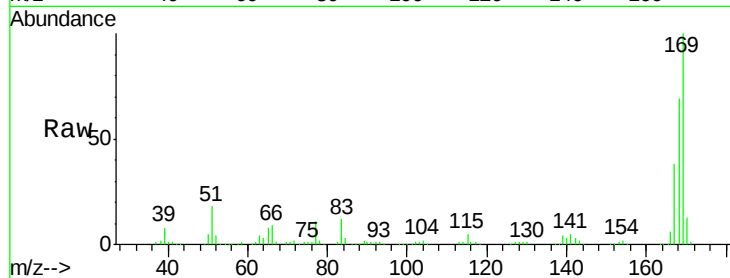




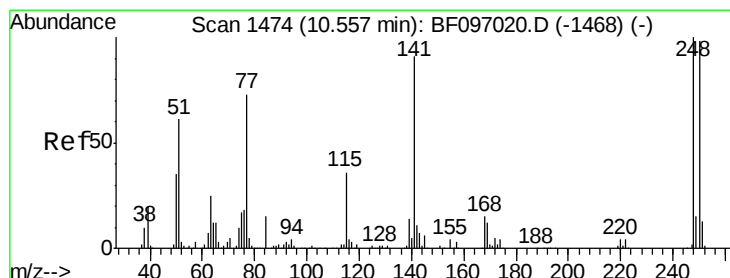
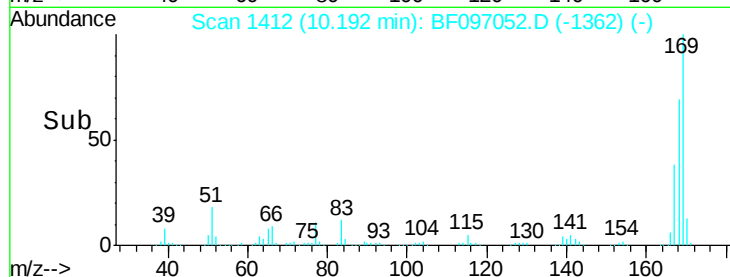
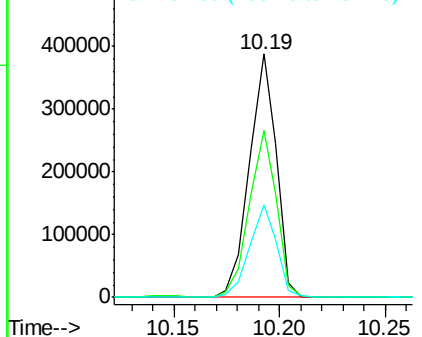
#65
 n-Nitrosodiphenylamine
 Concen: 43.40 ng
 RT: 10.19 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF097052.D
 Acq: 26 Jul 2017 2:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 344819
 Ion Ratio Lower Upper
 169 100
 168 68.7 53.2 79.8
 167 38.2 29.5 44.3

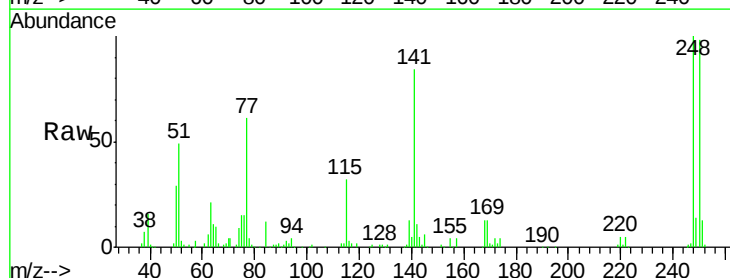


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

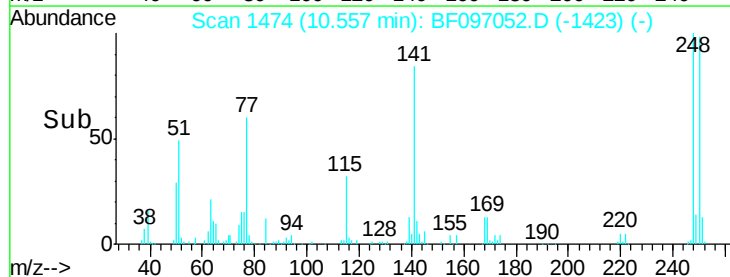
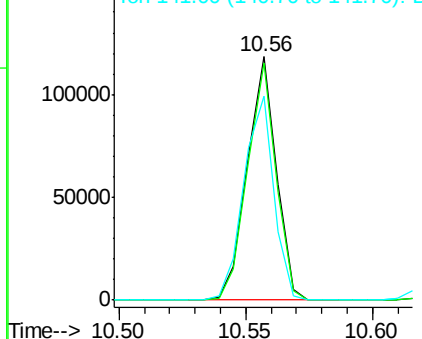


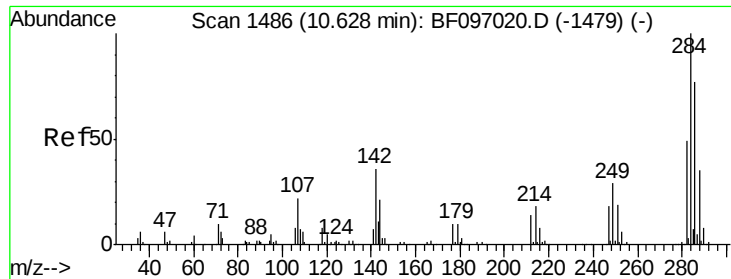
#66
 4-Bromophenyl-phenylether
 Concen: 41.62 ng
 RT: 10.56 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BF097052.D
 Acq: 26 Jul 2017 2:52

Tgt Ion:248 Resp: 94833
 Ion Ratio Lower Upper
 248 100
 250 97.6 76.8 115.2
 141 83.6 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

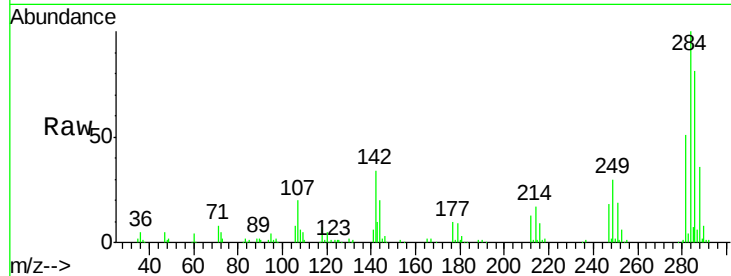




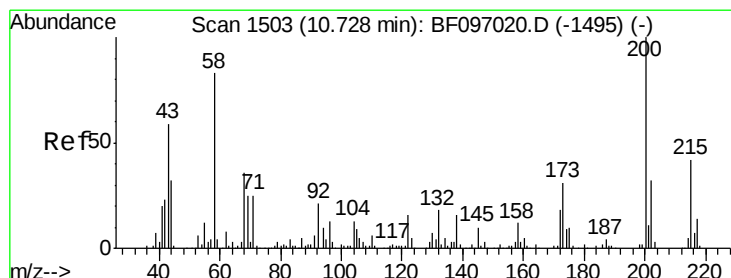
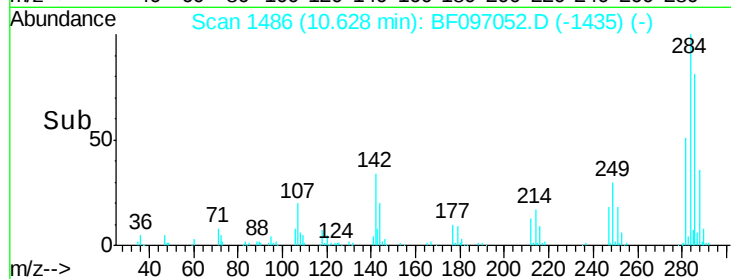
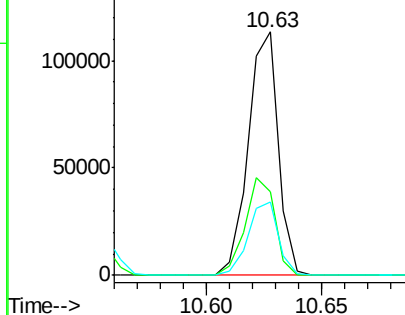
#67
Hexachlorobenzene
Concen: 40.39 ng
RT: 10.63 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 103219
Ion Ratio Lower Upper
284 100
142 34.3 22.8 34.2#
249 30.3 24.0 36.0

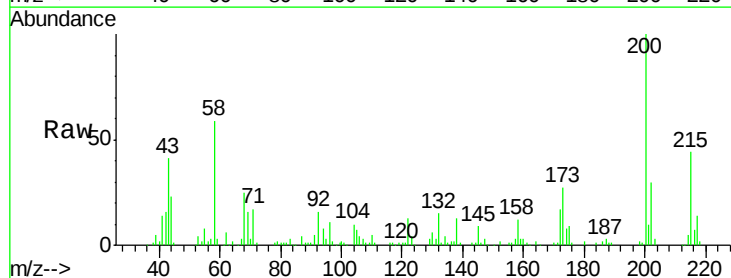


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

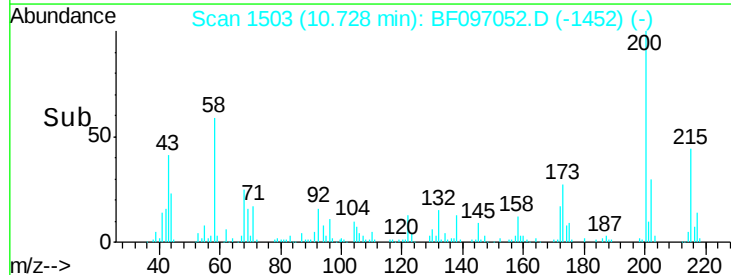
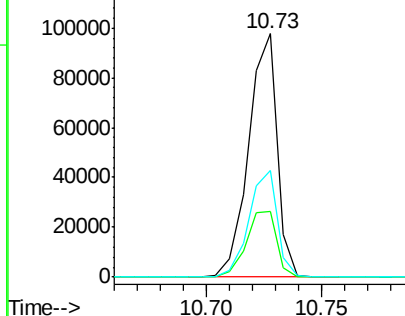


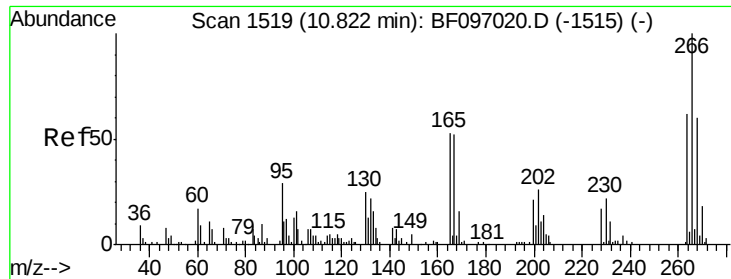
#68
Atrazine
Concen: 37.18 ng
RT: 10.73 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Tgt Ion:200 Resp: 84705
Ion Ratio Lower Upper
200 100
173 27.1 6.3 46.3
215 43.8 27.2 67.2



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

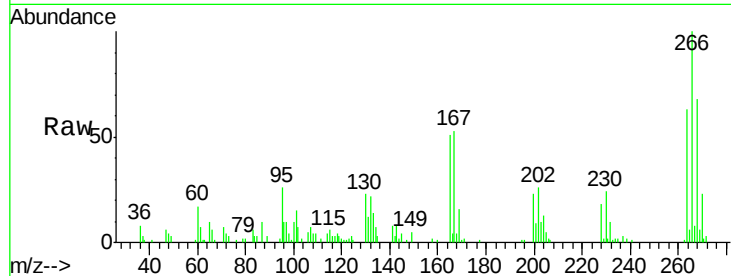




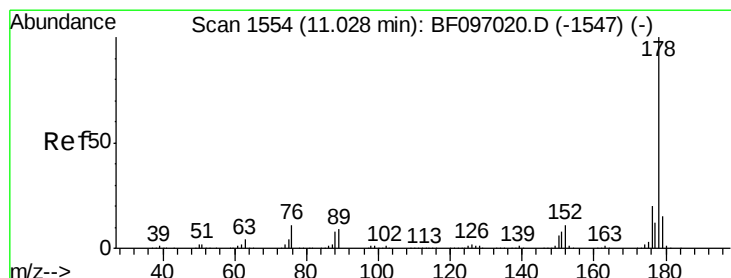
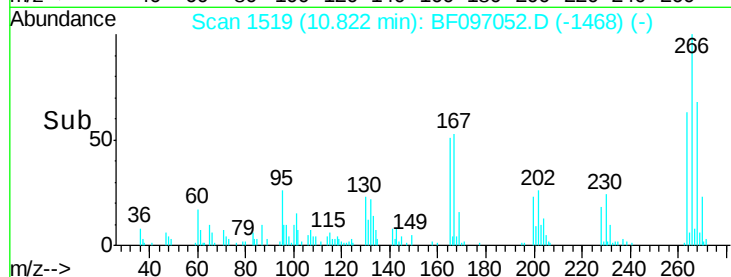
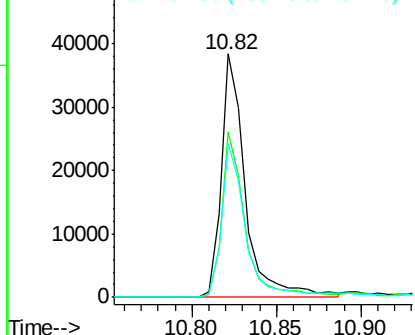
#69
 Pentachlorophenol
 Concen: 36.08 ng
 RT: 10.82 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF097052.D
 Acq: 26 Jul 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 38149
 Ion Ratio Lower Upper
 266 100
 268 67.9 51.1 76.7
 264 63.0 51.7 77.5

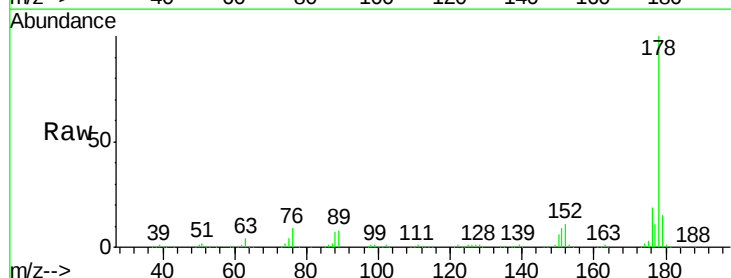


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

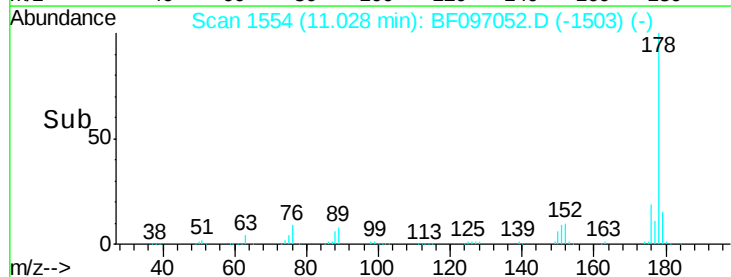
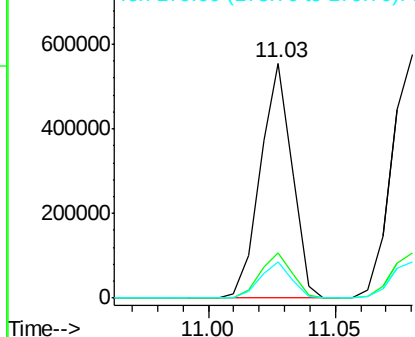


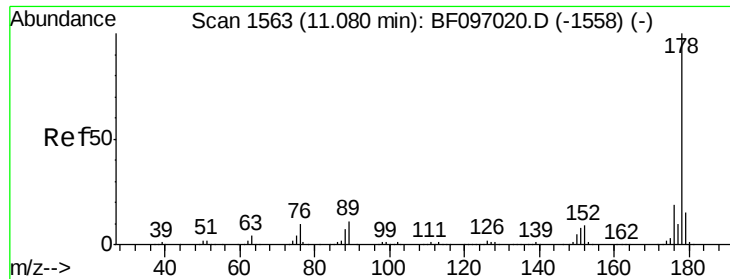
#70
 Phenanthrene
 Concen: 39.28 ng
 RT: 11.03 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BF097052.D
 Acq: 26 Jul 2017 2:52

Tgt Ion:178 Resp: 480615
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.4
 179 15.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

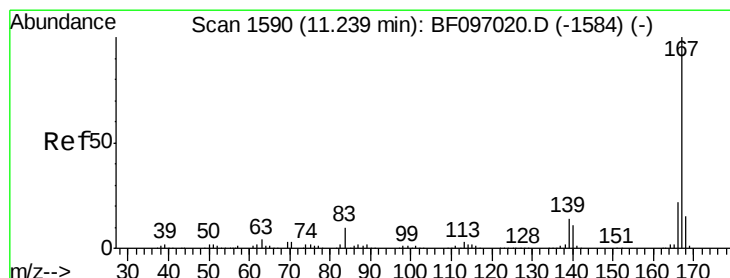
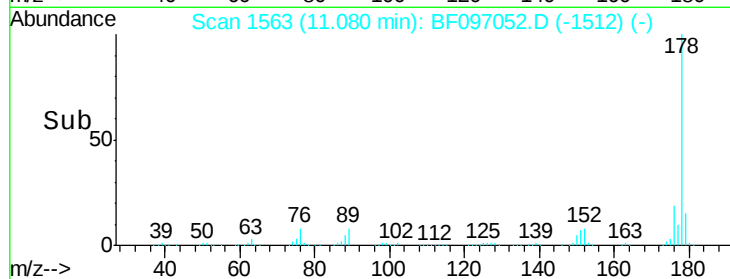
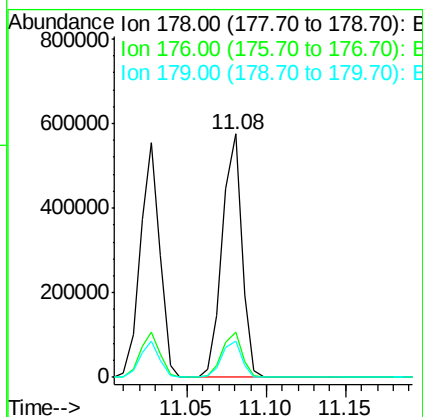
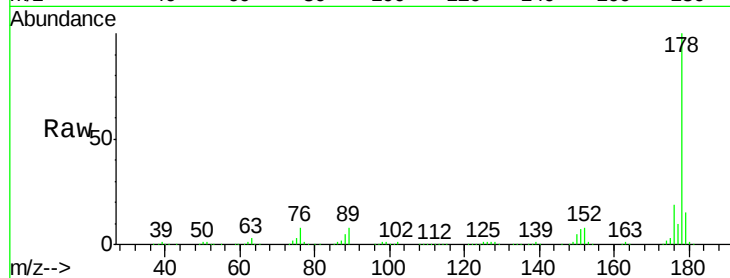




#71
 Anthracene
 Concen: 39.60 ng
 RT: 11.08 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF097052.D
 Acq: 26 Jul 2017 2:52

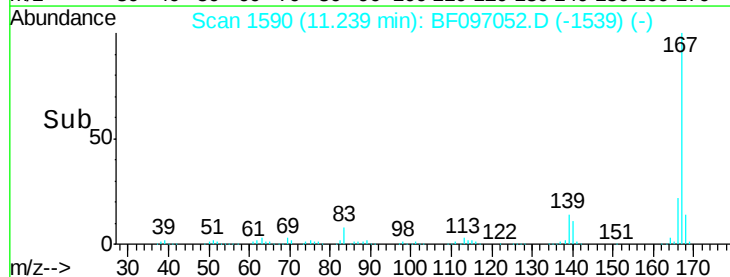
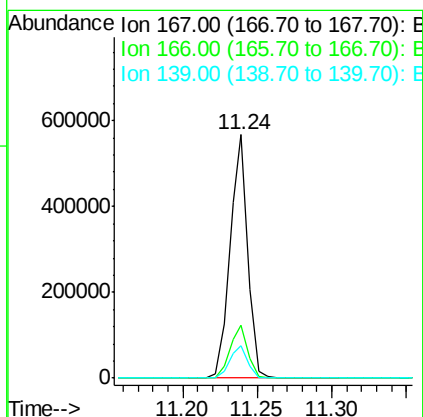
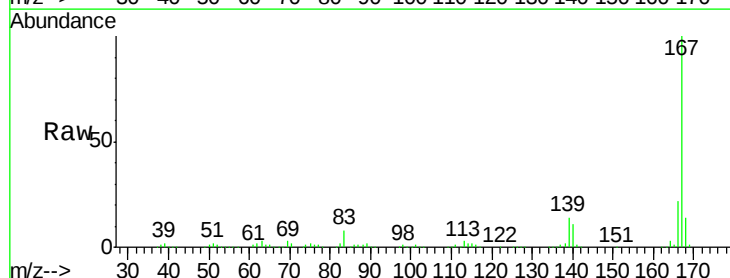
Instrument :
 BNA_F
 ClientSampleId :

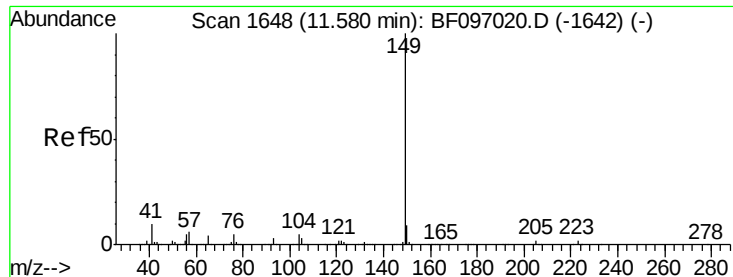
Tot Ion:178 Resp: 496207
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 14.9 12.7 19.1



#72
 Carbazole
 Concen: 38.62 ng
 RT: 11.24 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF097052.D
 Acq: 26 Jul 2017 2:52

Tgt Ion:167 Resp: 475975
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 42.18 ng

RT: 11.58 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

Instrument :

BNA_F

ClientSampleId :

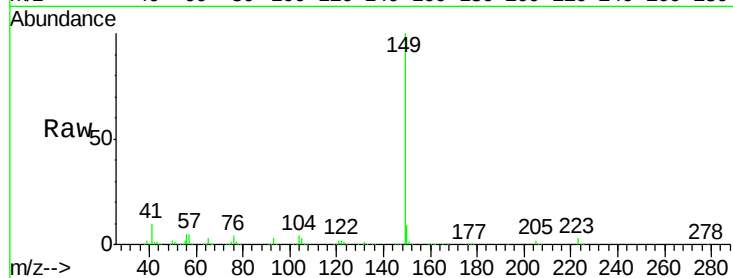
Tot Ion:149 Resp: 642619

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

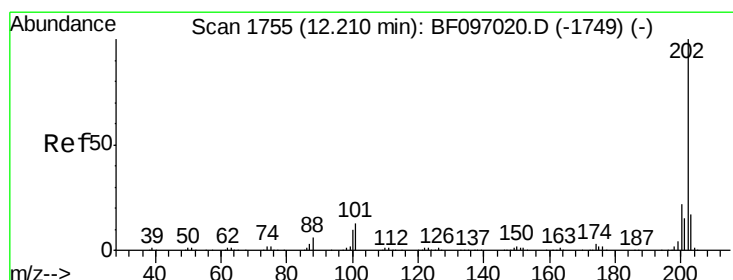
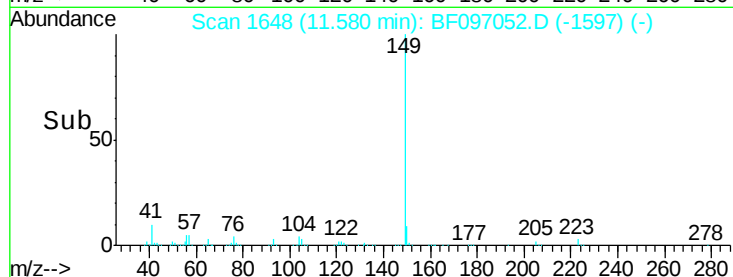
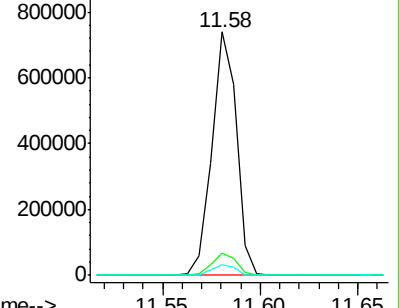
104 4.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.10 ng

RT: 12.21 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

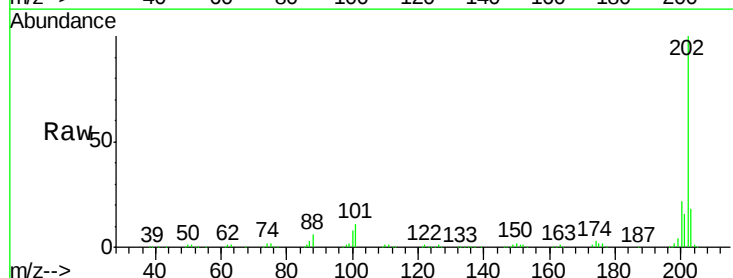
Tgt Ion:202 Resp: 480586

Ion Ratio Lower Upper

202 100

101 11.3 0.0 33.2

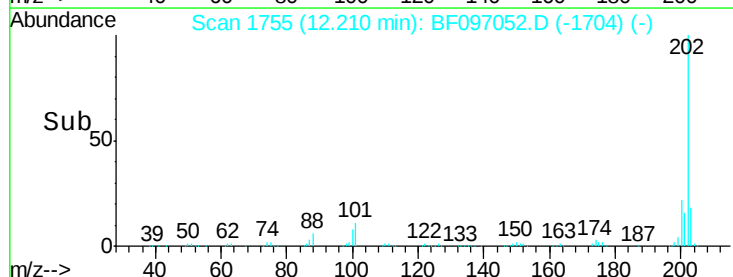
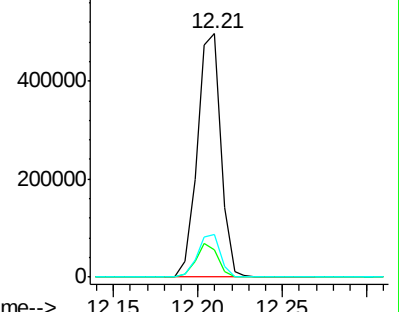
203 17.7 0.0 38.1

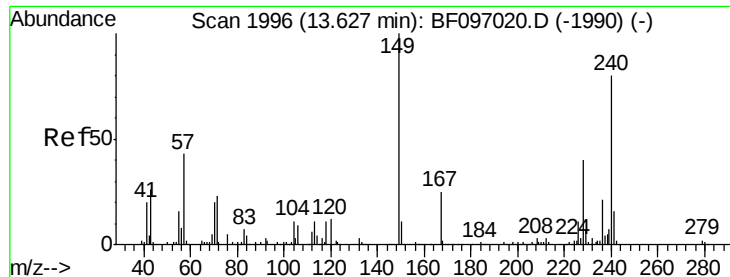


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

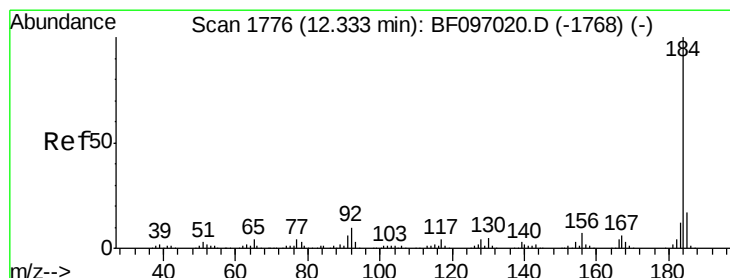
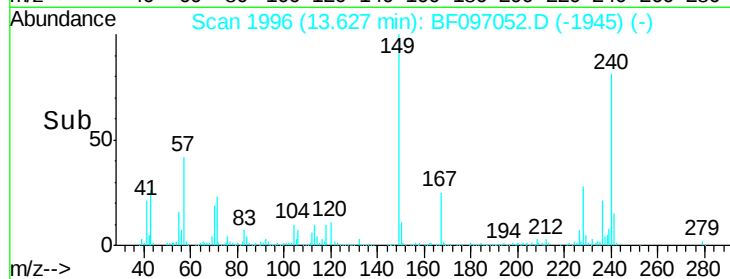
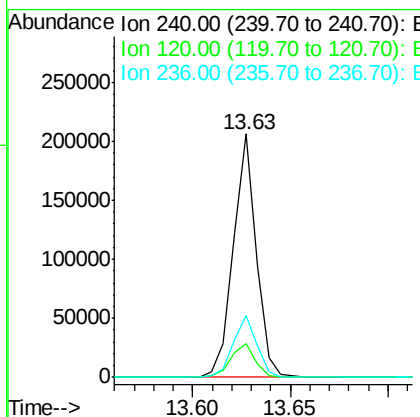
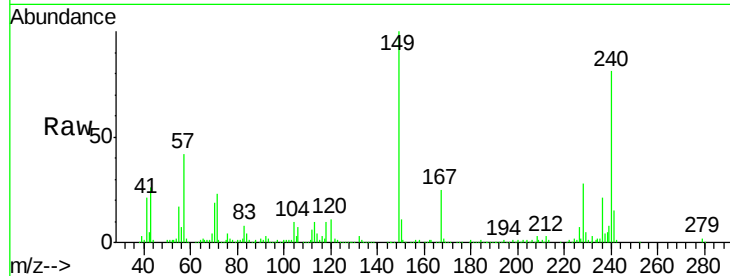




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.63 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

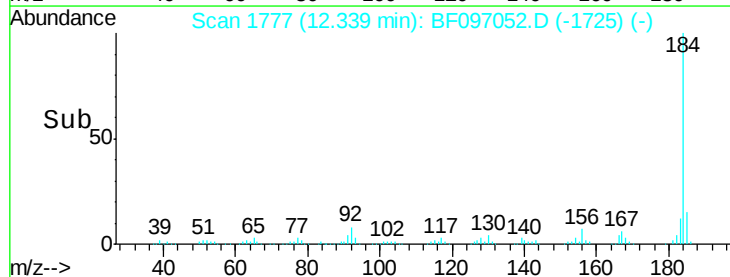
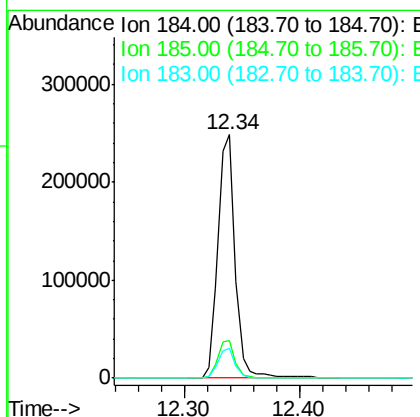
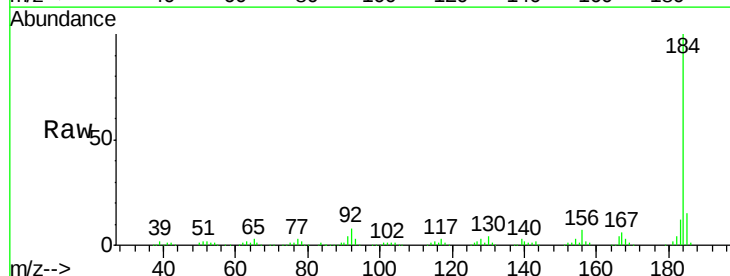
Instrument :
BNA_F
ClientSampleId :

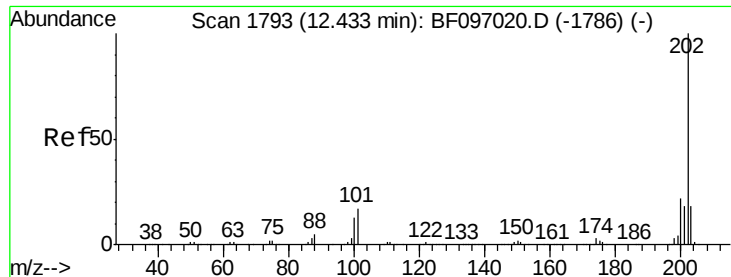
Tot Ion:240 Resp: 168215
Ion Ratio Lower Upper
240 100
120 13.8 5.8 8.8#
236 25.3 20.5 30.7



#76
Benzidine
Concen: 41.29 ng
RT: 12.34 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Tgt Ion:184 Resp: 257712
Ion Ratio Lower Upper
184 100
185 15.3 15.5 23.3#
183 12.5 9.8 14.6

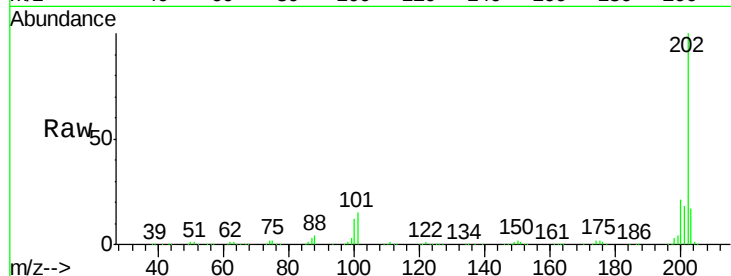




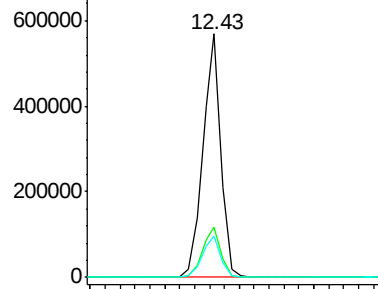
#77
Pvrene
Concen: 34.99 ng
RT: 12.43 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Instrument :
BNA_F
ClientSampleId :

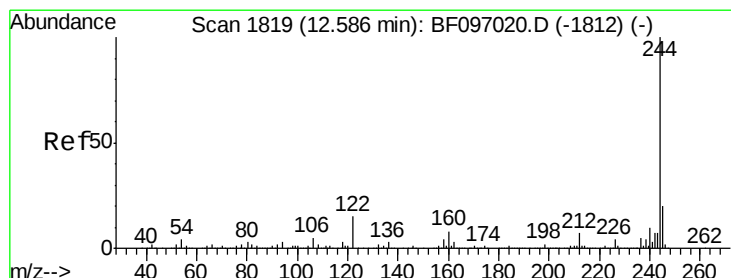
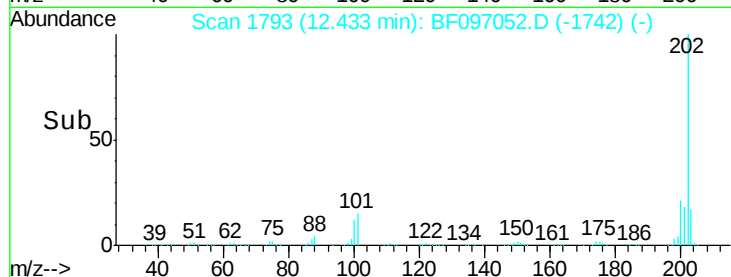
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	17.1	14.4	21.6



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

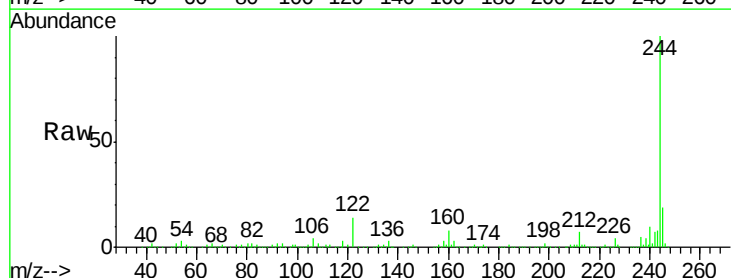


Time--> 12.35 12.40 12.45 12.50

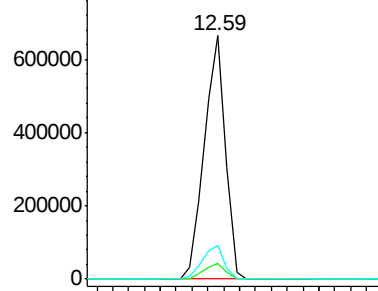


#78
Terphenyl-d14
Concen: 74.27 ng
RT: 12.59 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

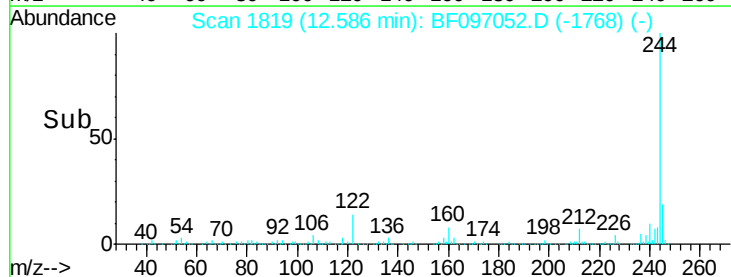
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	13.8	10.3	15.5

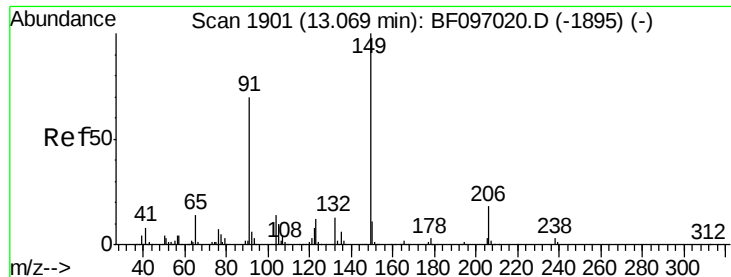


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 12.55 12.60 12.65

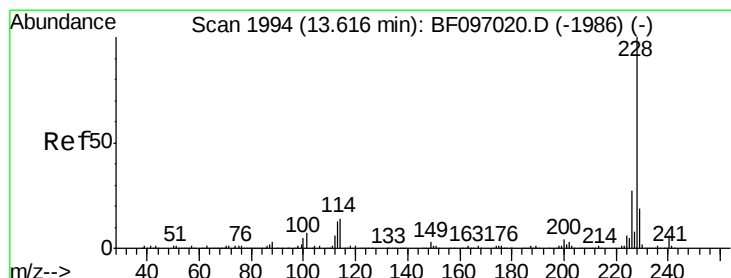
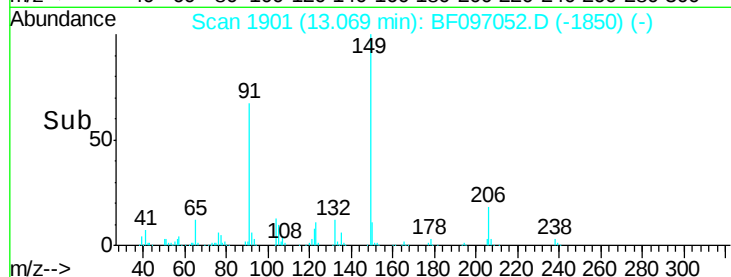
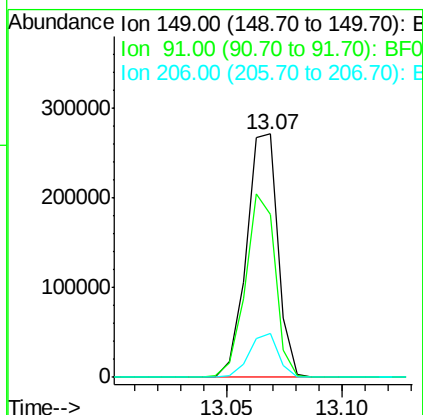
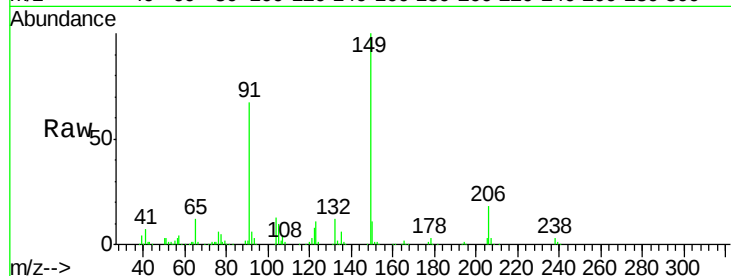




#79
Butylbenzylphthalate
Concen: 36.86 ng
RT: 13.07 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

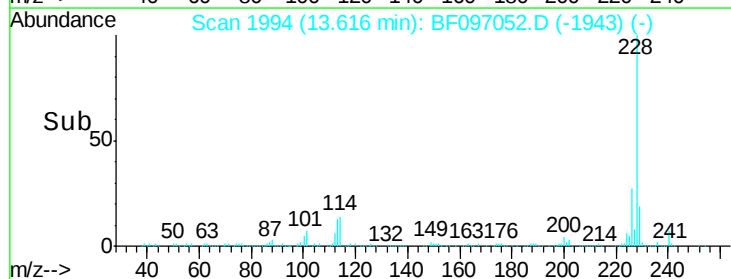
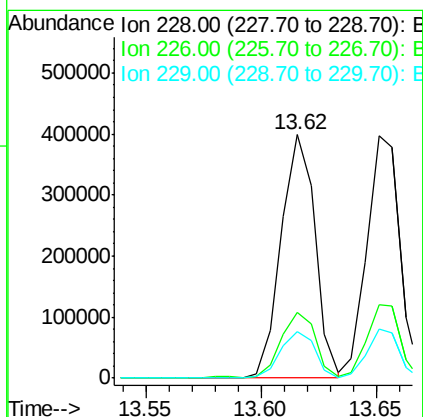
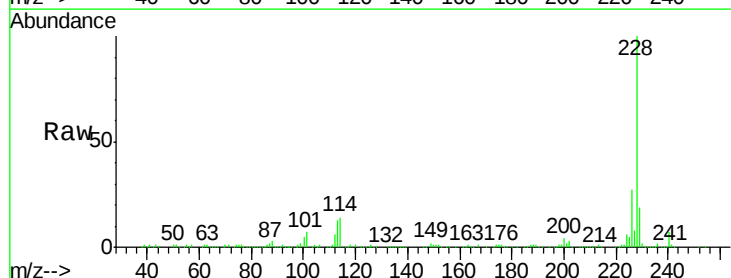
Instrument :
BNA_F
ClientSampleId :

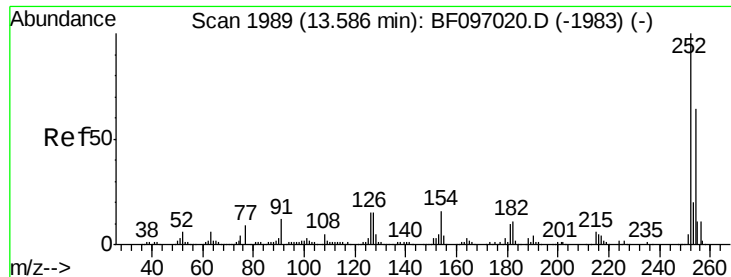
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.8	45.0	67.4
206	18.1	17.0	25.6



#80
Benzo(a)anthracene
Concen: 37.22 ng
RT: 13.62 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	19.3	16.3	24.5

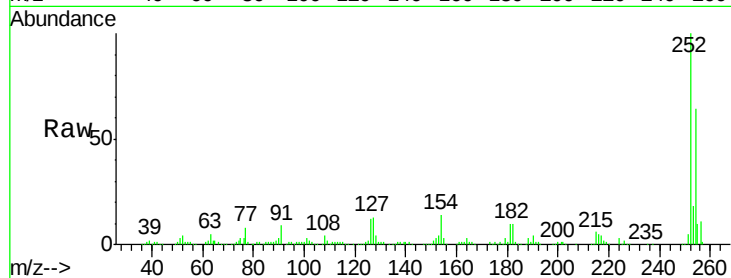




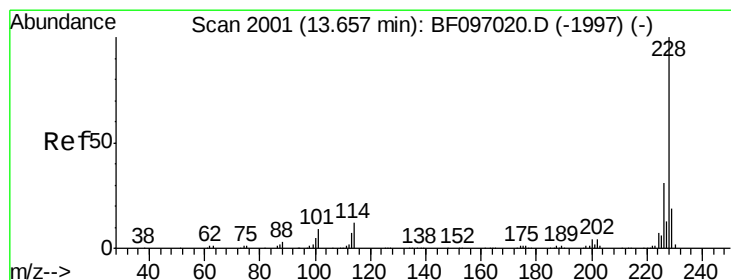
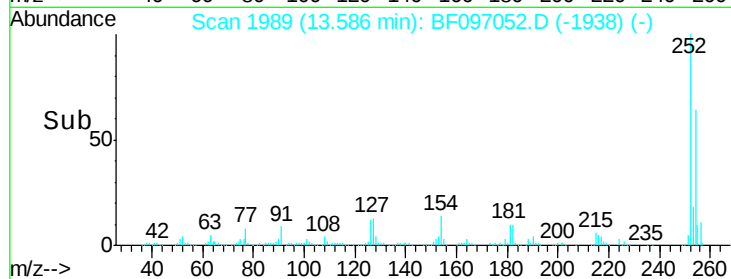
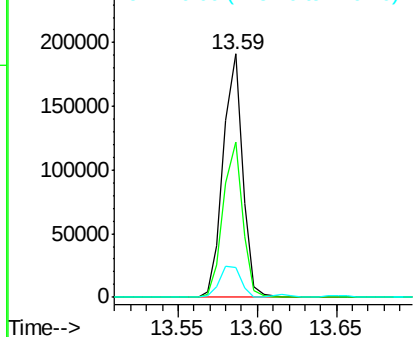
#81
 3,3'-Dichlorobenzidine
 Concen: 39.70 ng
 RT: 13.59 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BF097052.D
 Acq: 26 Jul 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.5	77.3
126	12.4	15.8	23.8

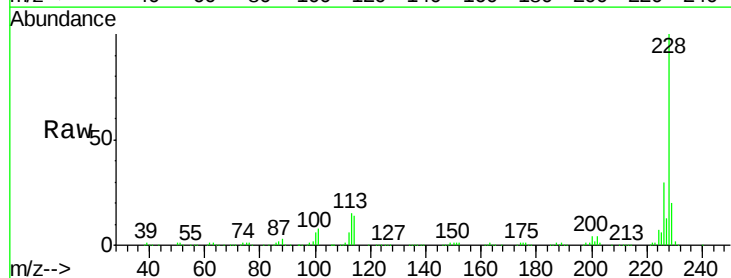


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

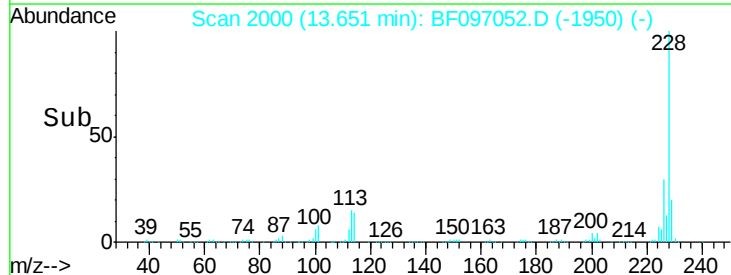
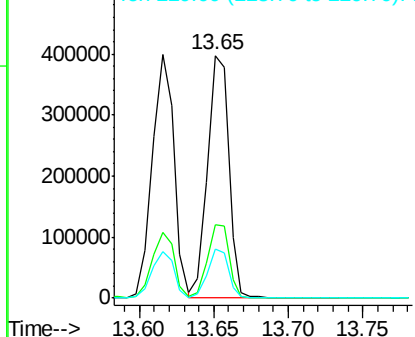


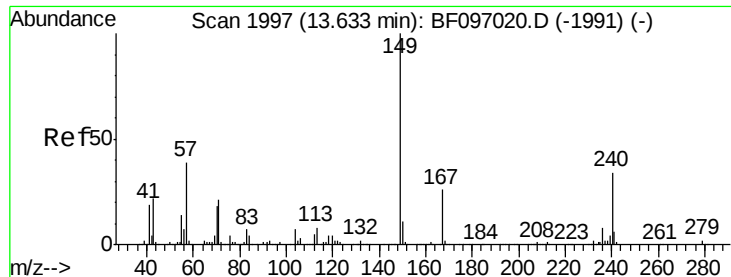
#82
 Chrysene
 Concen: 36.99 ng
 RT: 13.65 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF097052.D
 Acq: 26 Jul 2017 2:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	20.1	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: 38.27 ng

RT: 13.63 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

Instrument :

BNA_F

ClientSampleId :

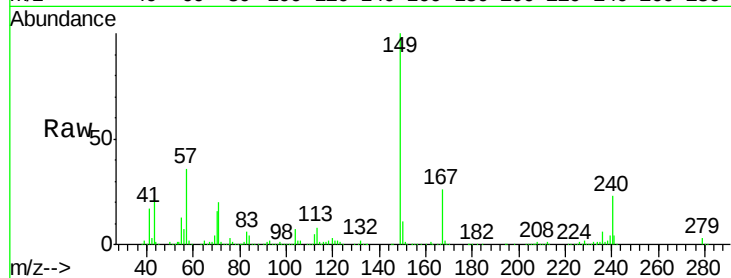
Tot Ion:149 Resp: 350044

Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.4

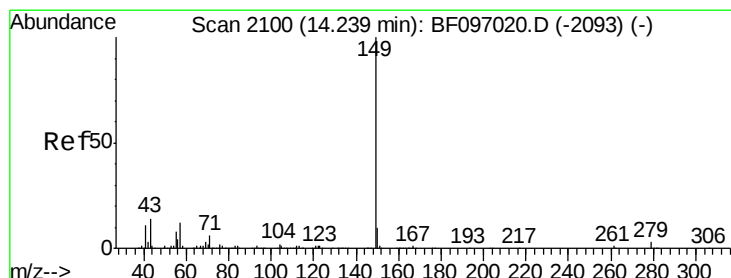
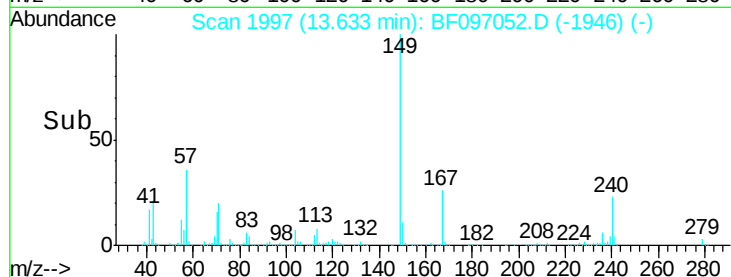
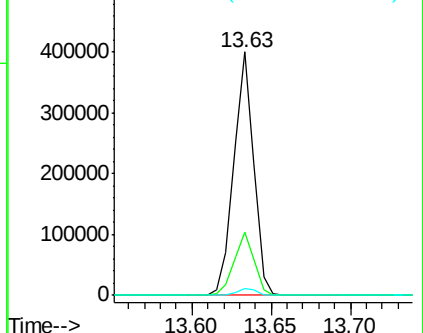
279 2.7 1.9 2.9



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: 35.91 ng

RT: 14.24 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

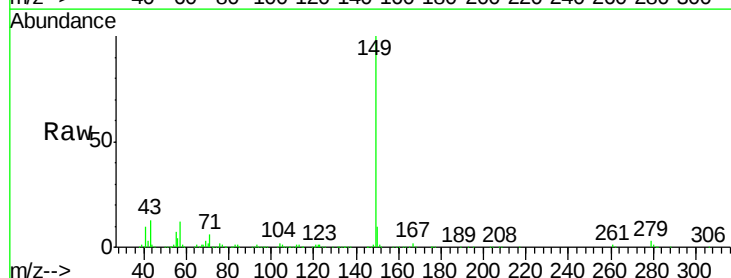
Tgt Ion:149 Resp: 602684

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

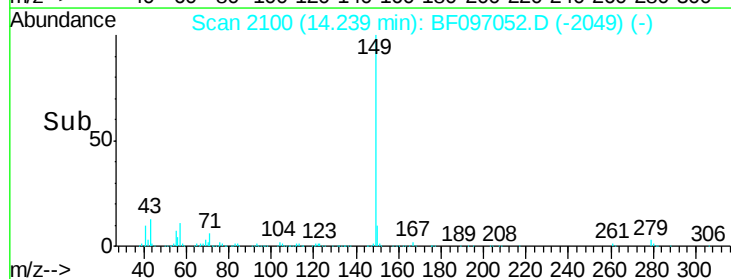
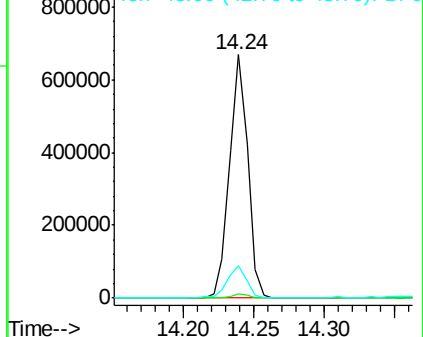
43 13.6 8.5 12.7#

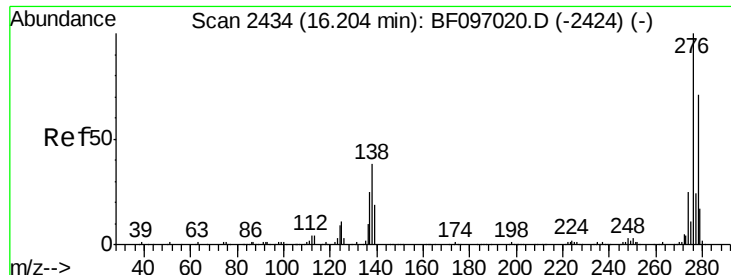


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

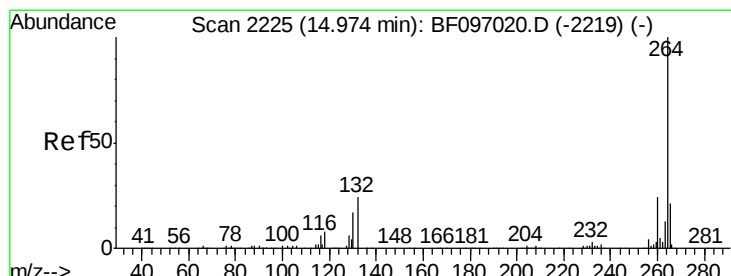
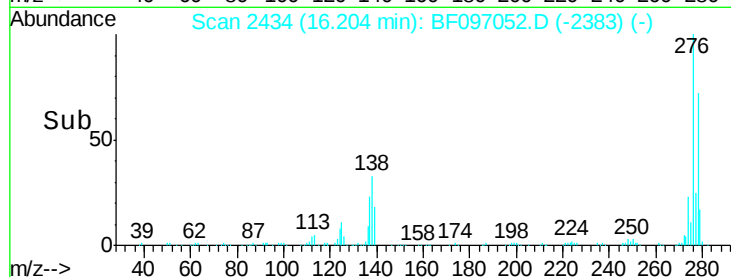
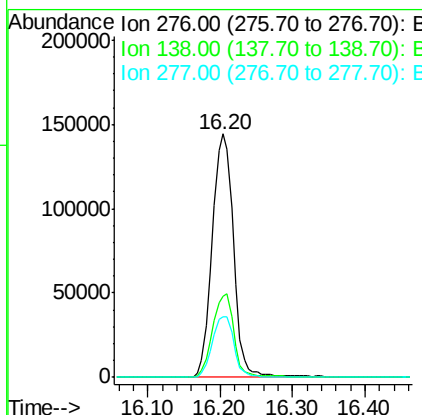
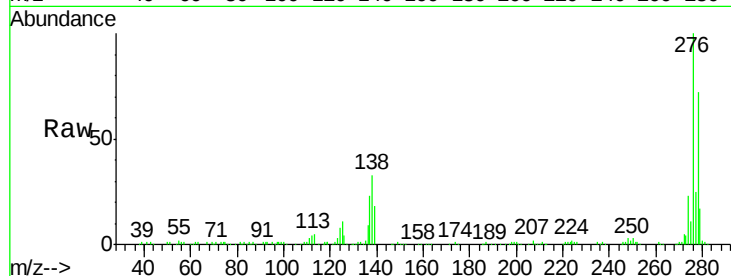




#85
Indeno(1,2,3-cd)pyrene
Concen: 32.43 ng
RT: 16.20 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

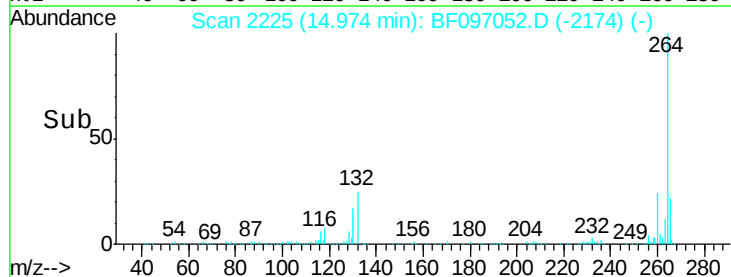
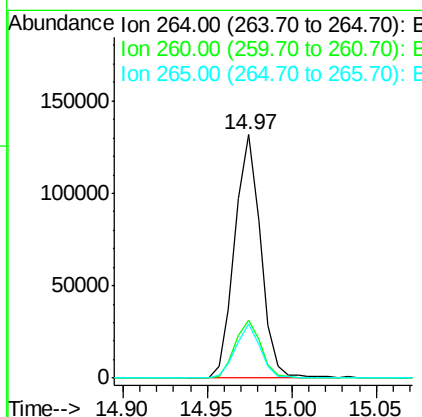
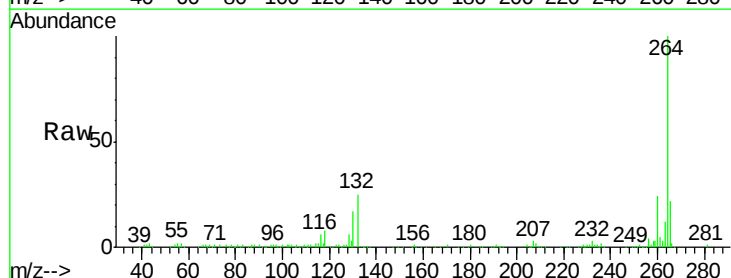
Instrument :
BNA_F
ClientSampleId :

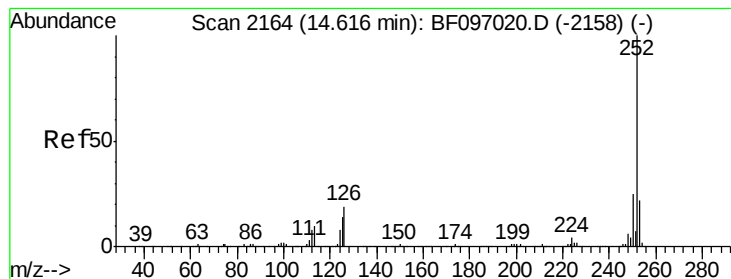
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.1	27.8	41.6
277	25.4	20.2	30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.92 ng

RT: 14.62 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

Instrument :

BNA_F

ClientSampleId :

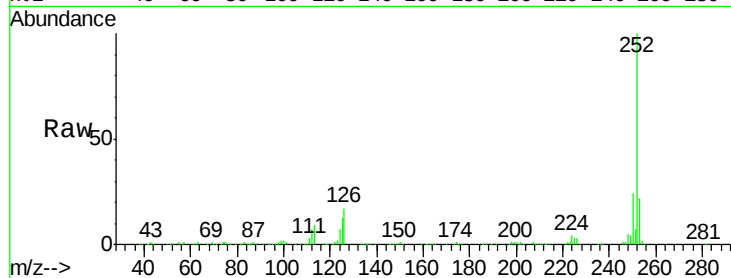
Tot Ion:252 Resp: 330779

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

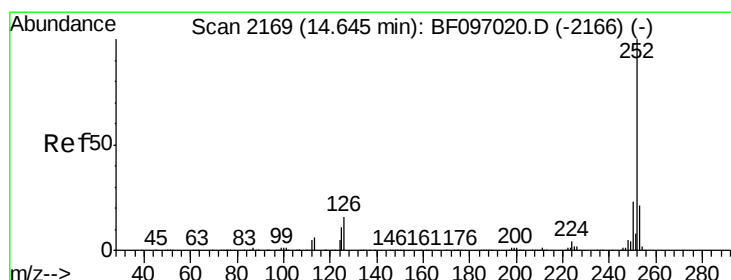
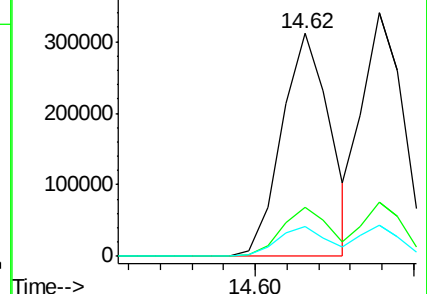
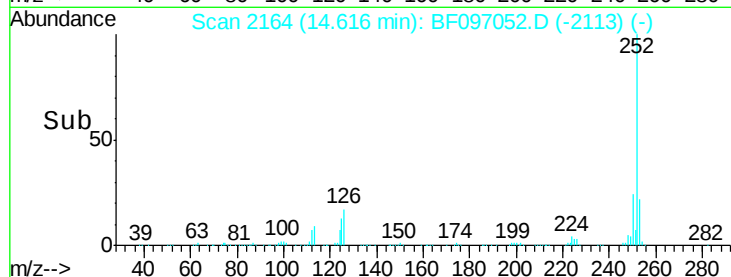
125 13.5 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.85 ng

RT: 14.62 min Scan# 2164

Delta R.T. -0.03 min

Lab File: BF097052.D

Acq: 26 Jul 2017 2:52

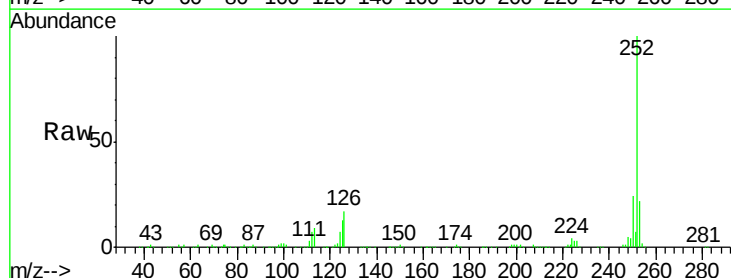
Tgt Ion:252 Resp: 330779

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

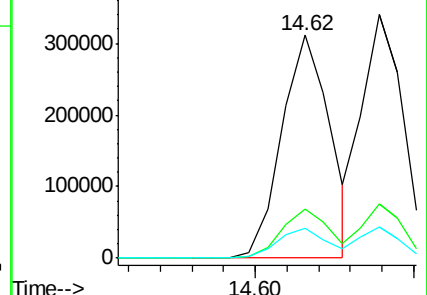
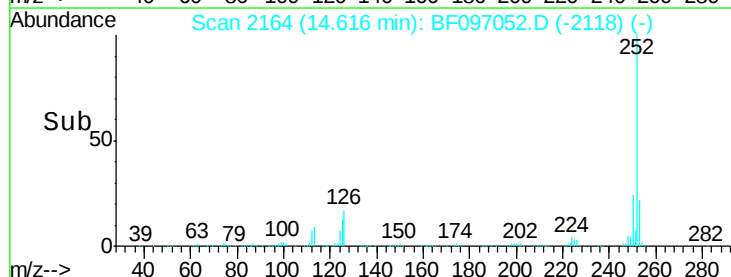
125 13.5 13.1 19.7

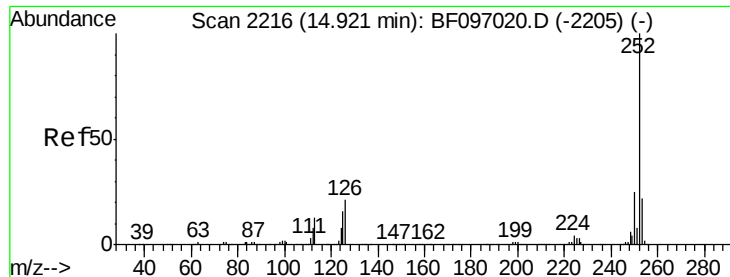


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

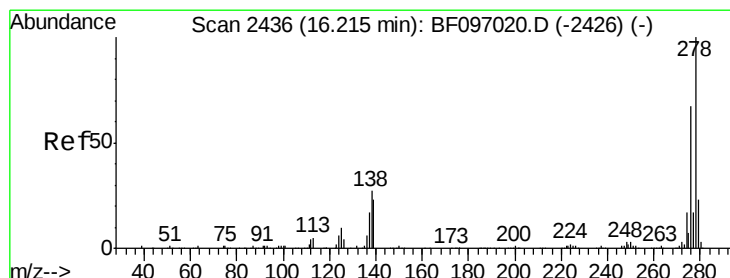
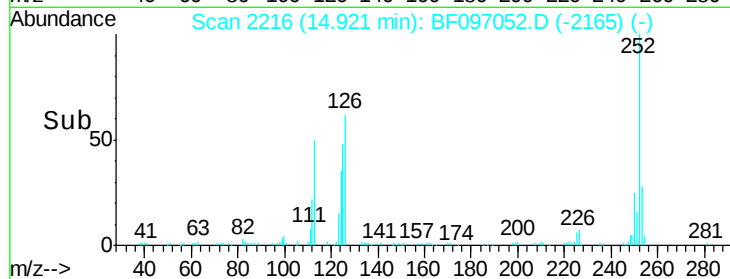
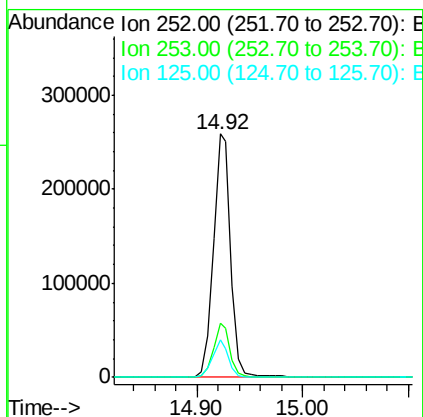
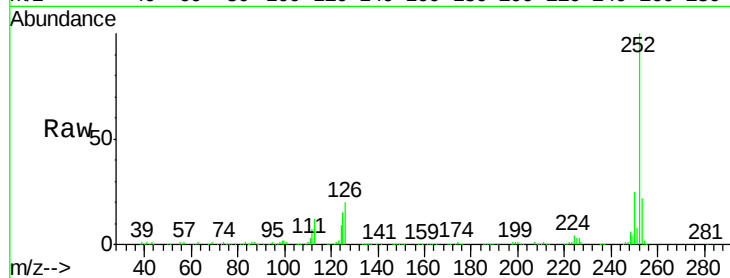




#89
Benzo(a)pyrene
Concen: 38.38 ng
RT: 14.92 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

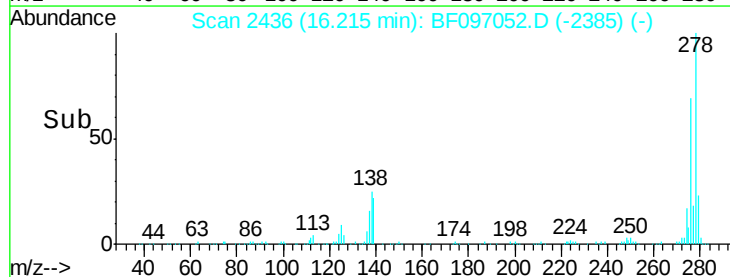
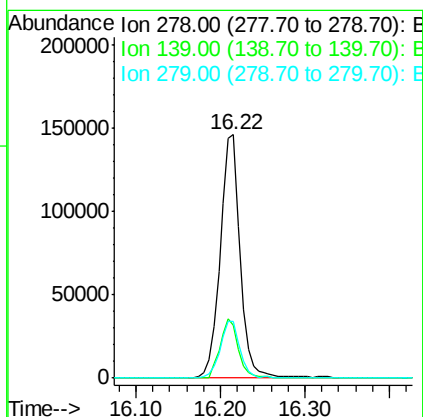
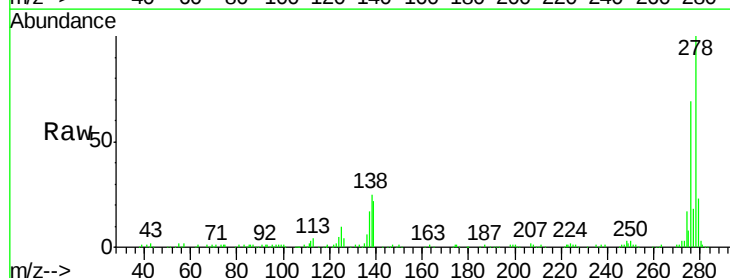
Instrument :
BNA_F
ClientSampleId :

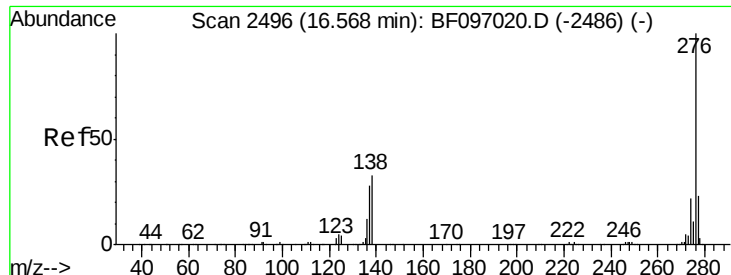
Tot Ion:252 Resp: 298527
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 15.2 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 37.70 ng
RT: 16.22 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BF097052.D
Acq: 26 Jul 2017 2:52

Tgt Ion:278 Resp: 240441
Ion Ratio Lower Upper
278 100
139 22.0 16.6 24.8
279 23.3 19.3 28.9

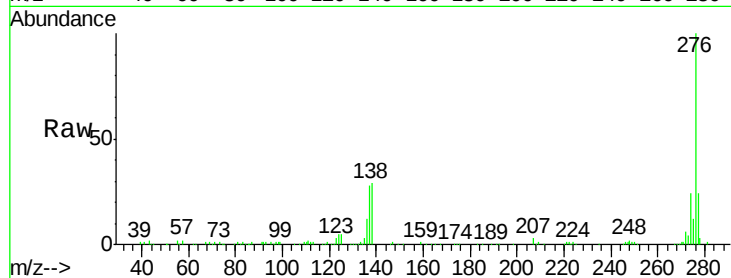




#91
 Benzo(a,h,i)perylene
 Concen: 36.03 ng
 RT: 16.57 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: BF097052.D
 Acq: 26 Jul 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	29.3	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

