

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097184.D
 Acq On : 29 Jul 2017 5:47
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 29 06:24:41 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	6.49	152	121041	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	458900	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	171540	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	274927	20.00	ng	-0.01
75) Chrysene-d12	13.62	240	202342	20.00	ng	0.00
86) Perylene-d12	14.96	264	164309	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	688767	85.78	ng	-0.01
7) Phenol-d6	6.16	99	705517	76.97	ng	-0.01
23) Nitrobenzene-d5	7.06	82	593306	75.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	99527	73.43	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	885296	87.58	ng	-0.02
78) Terphenyl-d14	12.57	244	746319	75.20	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.98	88	116219	34.68	ng	# 75
3) Pyridine	2.60	79	377631	36.81	ng	# 59
4) n-Nitrosodimethylamine	2.57	42	228541	40.21	ng	# 82
6) Aniline	6.15	93	434865	37.70	ng	# 88
8) 2-Chlorophenol	6.28	128	337025	39.25	ng	# 95
9) Benzaldehyde	6.03	77	242369	44.67	ng	# 98
10) Phenol	6.17	94	429949	39.54	ng	# 98
11) bis(2-Chloroethyl)ether	6.23	93	333802	38.82	ng	# 88
12) 1,3-Dichlorobenzene	6.43	146	364827	39.43	ng	# 99
13) 1,4-Dichlorobenzene	6.51	146	379094	41.34	ng	# 96
14) 1,2-Dichlorobenzene	6.66	146	312309	39.01	ng	# 97
15) Benzyl Alcohol	6.65	79	222597	38.36	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	6.79	45	600813	34.83	ng	# 92
17) 2-Methylphenol	6.77	107	235241	35.50	ng	# 90
18) Hexachloroethane	7.00	117	100602	29.99	ng	# 81
19) n-Nitroso-di-n-propylamine	6.92	70	226446	37.53	ng	# 82
20) 3+4-Methylphenols	6.93	107	337110	38.95	ng	# 64
22) Acetophenone	6.91	105	449953	40.83	ng	# 98
24) Nitrobenzene	7.08	77	310632	38.13	ng	# 94
25) Isophorone	7.33	82	582474	38.02	ng	# 94
26) 2-Nitrophenol	7.40	139	149356	33.89	ng	# 91
27) 2,4-Dimethylphenol	7.46	122	269411	37.05	ng	# 96
28) bis(2-Chloroethoxy)methane	7.54	93	407456	40.76	ng	# 98
29) 2,4-Dichlorophenol	7.65	162	258387	41.25	ng	# 99
30) 1,2,4-Trichlorobenzene	7.72	180	239283	40.08	ng	# 98
31) Naphthalene	7.80	128	837516	38.72	ng	# 99
32) Benzoic acid	7.61	122	144522	26.62	ng	# 92
33) 4-Chloroaniline	7.86	127	368783	41.90	ng	# 97
34) Hexachlorobutadiene	7.92	225	130019	41.08	ng	# 99
35) Caprolactam	8.24	113	76232	37.95	ng	# 65
36) 4-Chloro-3-methylphenol	8.36	107	259913	38.03	ng	# 90
37) 2-Methylnaphthalene	8.49	142	541000	39.50	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	196943	43.03	ng	# 99
40) Hexachlorocyclopentadiene	8.64	237	2719	8.15	ng	# 86

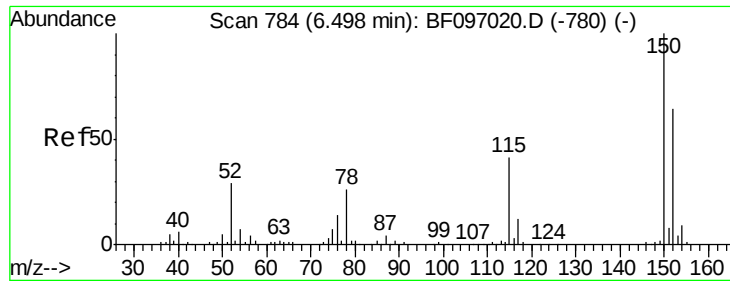
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	141375	42.62	nq	99
43) 2,4,5-Trichlorophenol	8.82	196	136051	40.98	nq	96
45) 1,1'-Biphenyl	8.95	154	653275	44.59	nq	98
46) 2-Chloronaphthalene	8.97	162	460382	42.70	nq	# 92
47) 2-Nitroaniline	9.07	65	177730	45.42	nq	96
48) Acenaphthylene	9.38	152	681722	41.19	nq	99
49) Dimethylphthalate	9.26	163	556645	42.73	nq	100
50) 2,6-Dinitrotoluene	9.32	165	99579	36.04	nq	# 89
51) Acenaphthene	9.55	154	378180	38.79	nq	98
52) 3-Nitroaniline	9.49	138	151121	44.07	nq	93
54) Dibenzofuran	9.72	168	502742	38.72	nq	96
55) 4-Nitrophenol	9.67	139	69736	34.19	nq	# 69
56) 2,4-Dinitrotoluene	9.73	165	104341	32.85	nq	# 76
57) Fluorene	10.06	166	407593	41.77	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.85	232	93435	40.76	nq	98
59) Diethylphthalate	9.95	149	543604	45.49	nq	100
60) 4-Chlorophenyl-phenylether	10.06	204	173454	43.04	nq	92
61) 4-Nitroaniline	10.10	138	147386	45.23	nq	91
62) Azobenzene	10.22	77	414359	37.37	nq	93
64) 4,6-Dinitro-2-methylphenol	10.14	198	4692	2.75	nq	87
65) n-Nitrosodiphenylamine	10.18	169	371924	38.88	nq	99
66) 4-Bromophenyl-phenylether	10.55	248	104697	38.16	nq	99
67) Hexachlorobenzene	10.62	284	115683	37.60	nq	# 92
68) Atrazine	10.72	200	78359	28.57	nq	96
69) Pentachlorophenol	10.82	266	71501	56.17	nq	96
70) Phenanthrene	11.02	178	571658	38.81	nq	98
71) Anthracene	11.07	178	561037	37.19	nq	100
72) Carbazole	11.23	167	572713	38.60	nq	99
73) Di-n-butylphthalate	11.57	149	706568	38.52	nq	99
74) Fluoranthene	12.20	202	581223	40.28	nq	99
76) Benzidine	12.33	184	335339	44.67	nq	# 92
77) Pyrene	12.42	202	609709	36.81	nq	99
79) Butylbenzylphthalate	13.05	149	313828	37.24	nq	# 77
80) Benzo(a)anthracene	13.61	228	507609	38.77	nq	99
81) 3,3'-Dichlorobenzidine	13.57	252	222032	44.97	nq	97
82) Chrysene	13.64	228	484512	37.90	nq	100
83) Bis(2-ethylhexyl)phthalate	13.62	149	420116	38.19	nq	98
84) Di-n-octyl phthalate	14.23	149	867416	42.96	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.19	276	350050	31.93	nq	97
87) Benzo(b)fluoranthene	14.61	252	433219	43.86	nq	99
88) Benzo(k)fluoranthene	14.63	252	360822	38.34	nq	# 95
89) Benzo(a)pyrene	14.92	252	361873	40.03	nq	98
90) Dibenzo(a,h)anthracene	16.20	278	285803	38.55	nq	# 95
91) Benzo(g,h,i)perylene	16.56	276	273037	35.12	nq	97

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

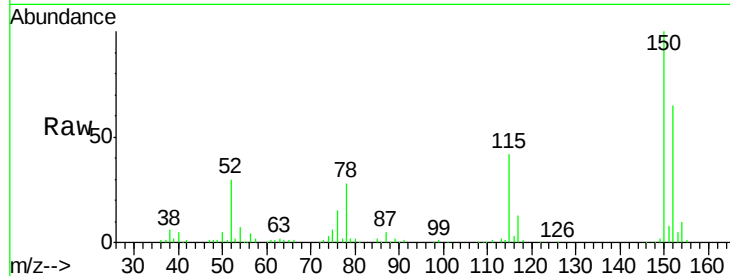


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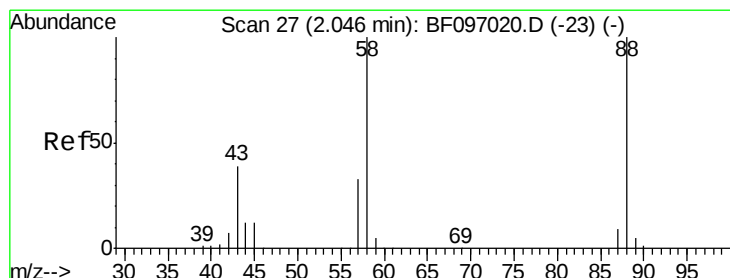
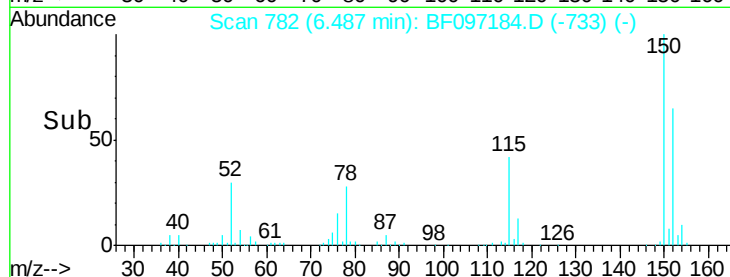
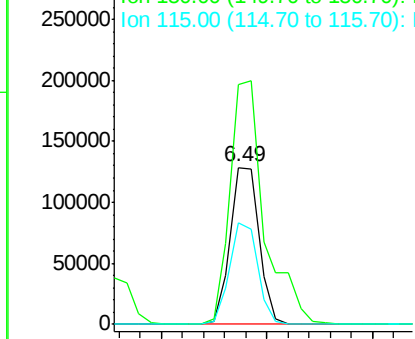
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 121041
Ion Ratio Lower Upper
152 100
150 153.4 126.2 189.2
115 64.6 52.2 78.2



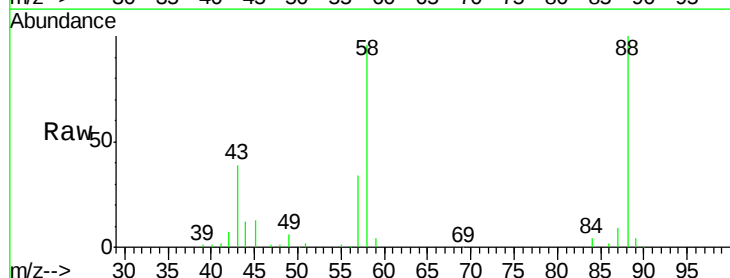
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



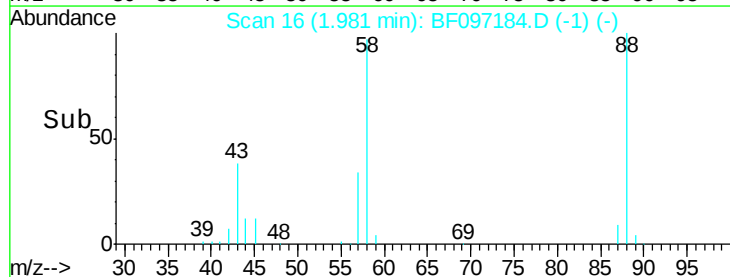
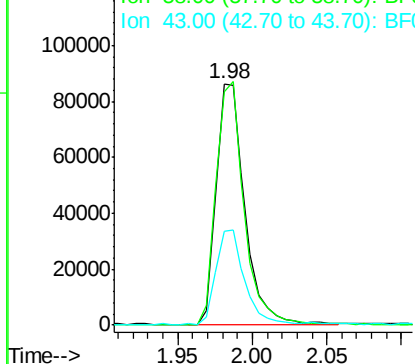
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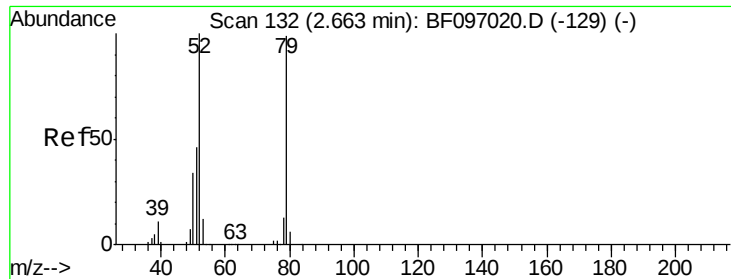
1,4-Dioxane
Concen: 34.68 ng
RT: 1.98 min Scan# 16
Delta R.T. -0.06 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

Tgt Ion: 88 Resp: 116219
Ion Ratio Lower Upper
88 100
58 99.6 61.4 92.0#
43 39.8 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: 36.81 ng

RT: 2.60 min Scan# 122

Delta R.T. -0.06 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

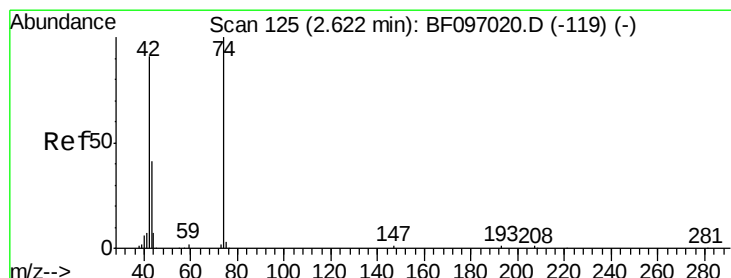
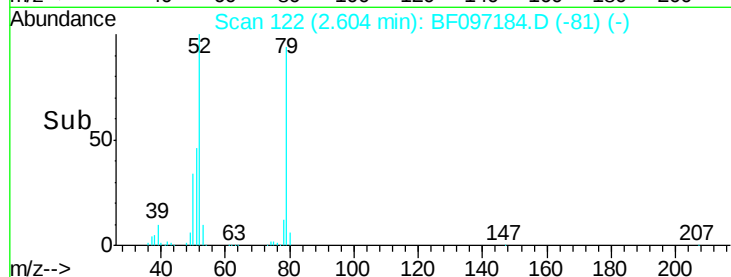
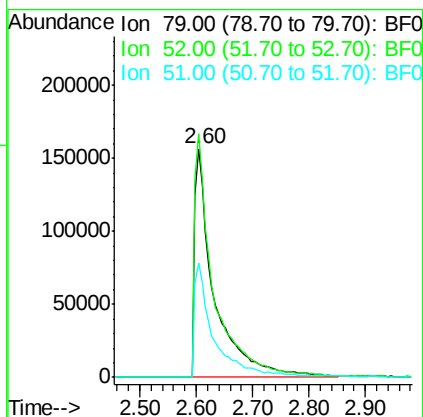
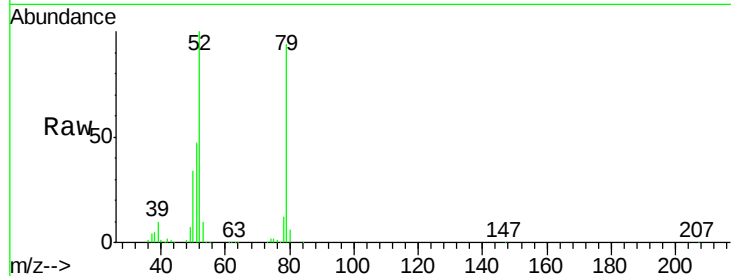
Tot Ion: 79 Resp: 377631

Ion Ratio Lower Upper

79 100

52 106.4 54.8 82.2#

51 49.7 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 40.21 ng

RT: 2.57 min Scan# 116

Delta R.T. -0.05 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

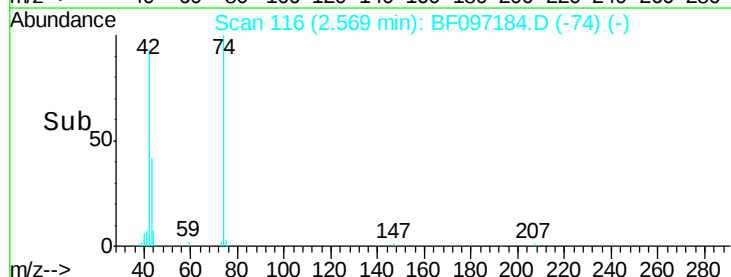
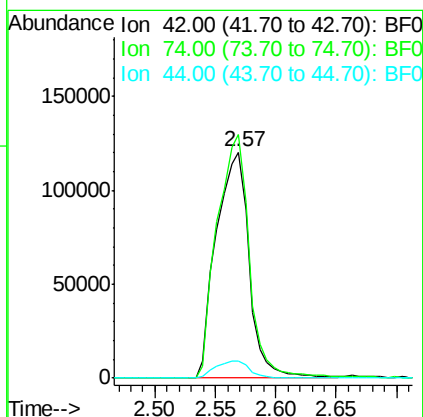
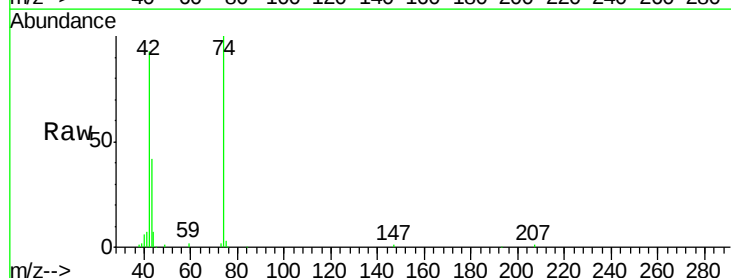
Tgt Ion: 42 Resp: 228541

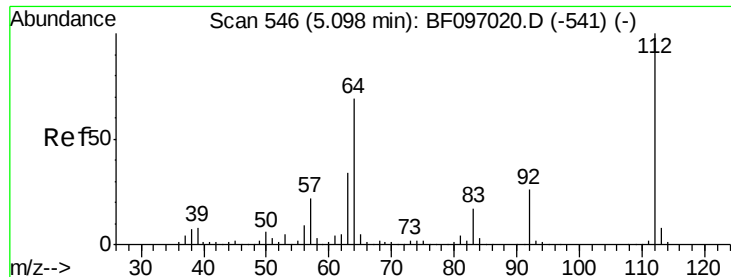
Ion Ratio Lower Upper

42 100

74 107.9 103.9 155.9

44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 85.78 ng

RT: 5.09 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

Instrument :

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ClientSampleId :

SSTDCCC040

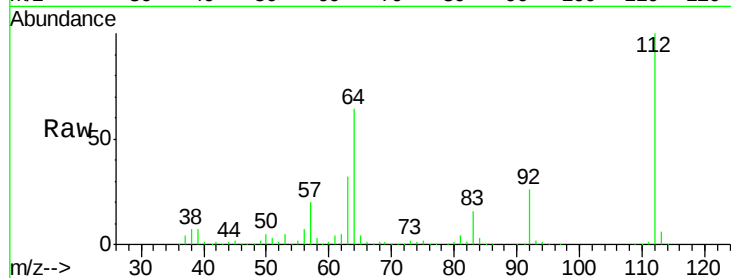
Tot Ion:112 Resp: 688767

Ion Ratio Lower Upper

112 100

64 64.0 46.0 69.0

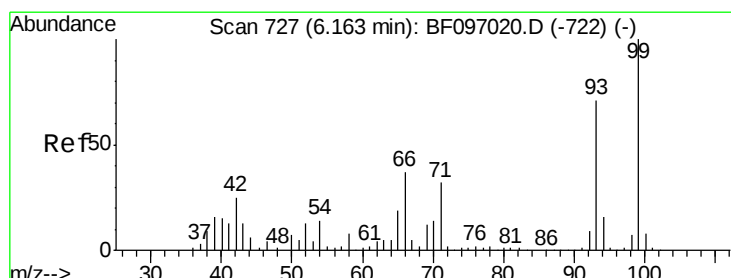
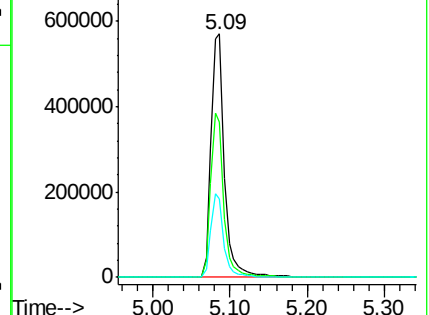
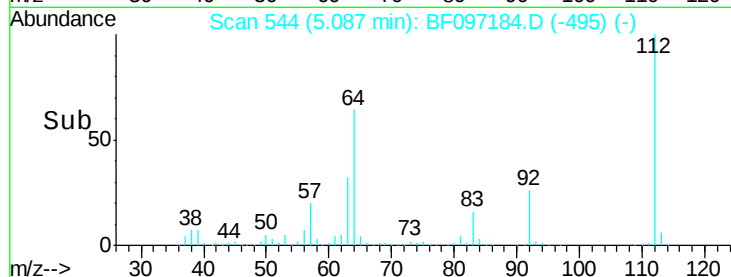
63 32.1 23.4 35.0



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: 37.70 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

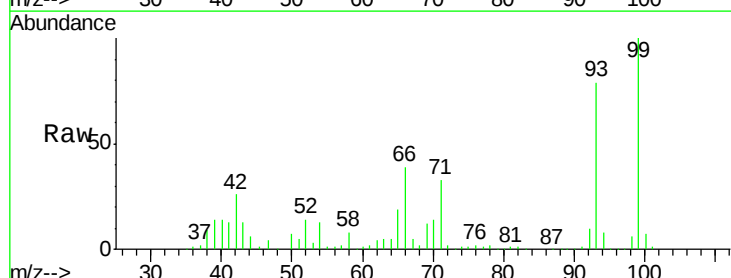
Tgt Ion: 93 Resp: 434865

Ion Ratio Lower Upper

93 100

66 49.3 32.9 49.3

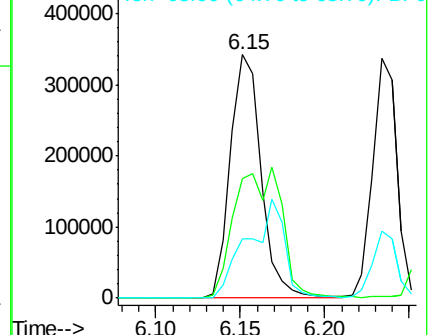
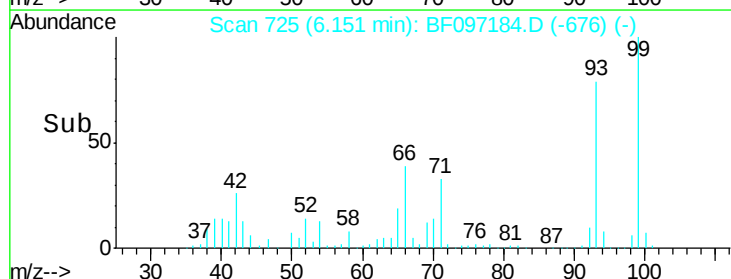
65 24.2 16.0 24.0#

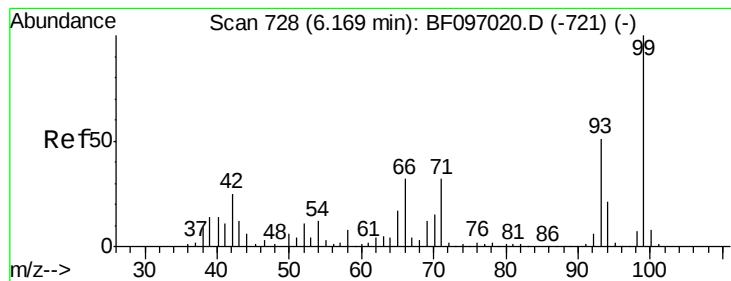


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.97 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097184.D

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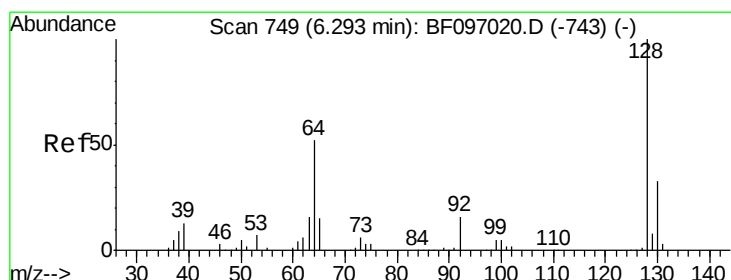
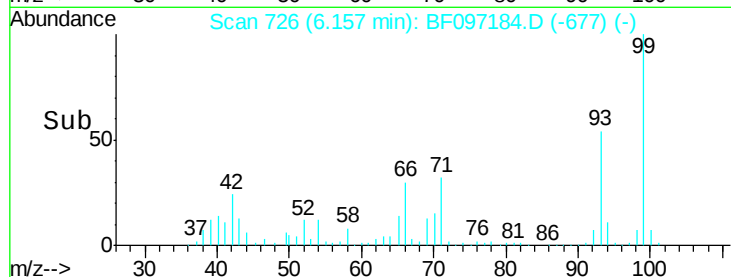
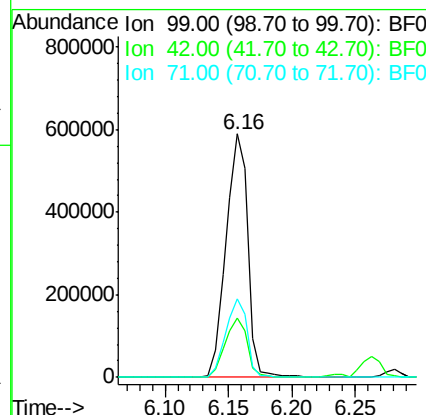
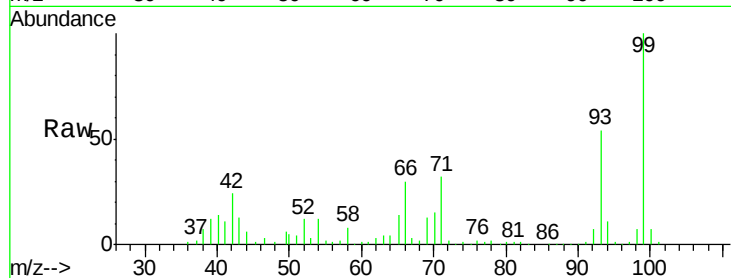
Tot Ion: 99 Resp: 705517

Ion Ratio Lower Upper

99 100

42 24.3 13.5 20.3#

71 32.1 24.5 36.7



#8

2-Chlorophenol

Concen: 39.25 ng

RT: 6.28 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

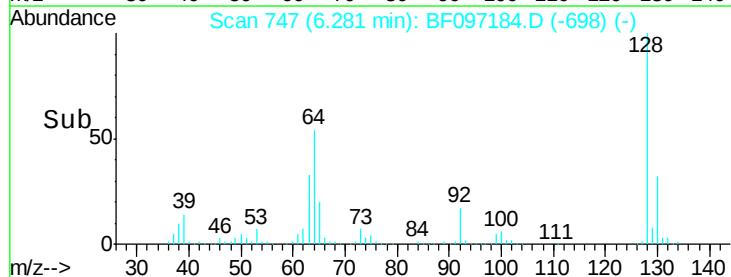
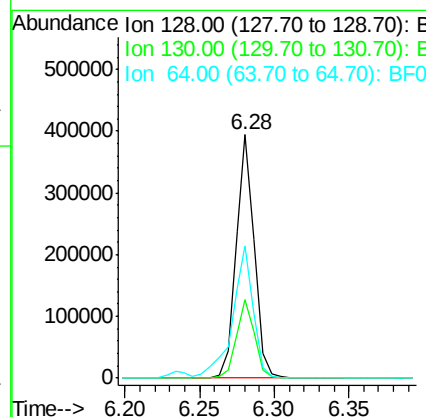
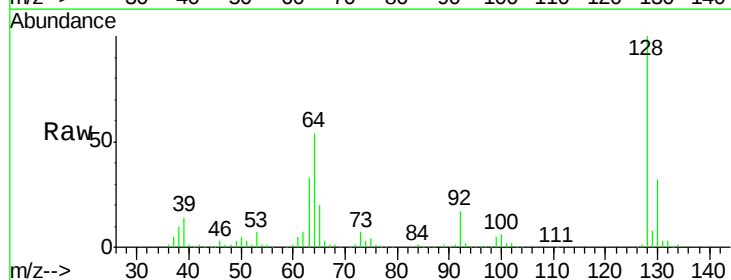
Tgt Ion: 128 Resp: 337025

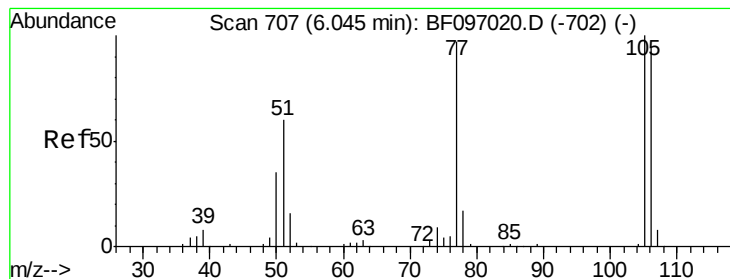
Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

64 54.1 28.4 68.4





#9

Benzaldehyde

Concen: 44.67 ng

RT: 6.03 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

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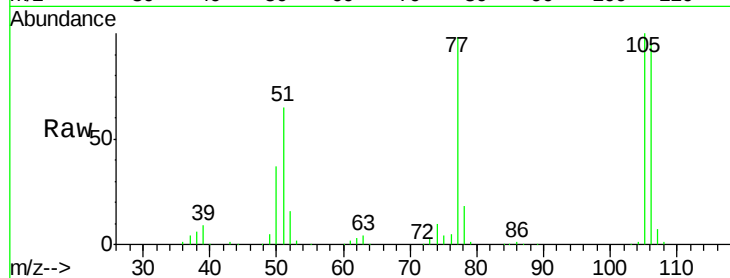
Tot Ion: 77 Resp: 242369

Ion Ratio Lower Upper

77 100

105 101.8 83.8 123.8

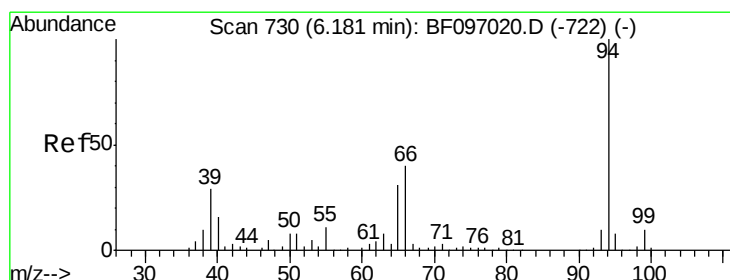
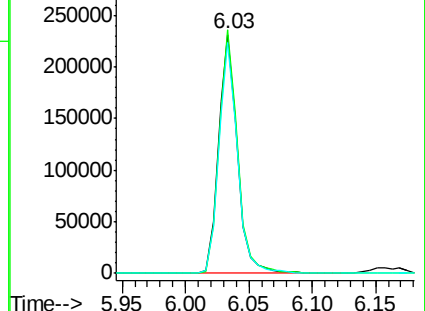
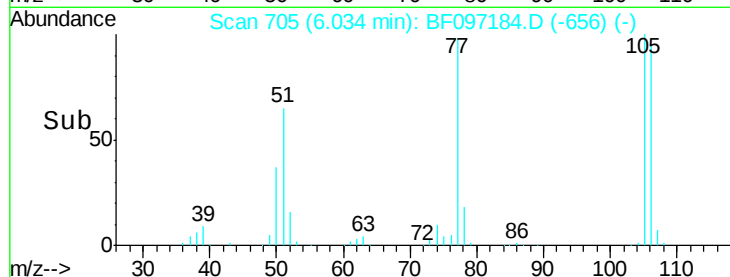
106 96.4 79.1 119.1



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: 39.54 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

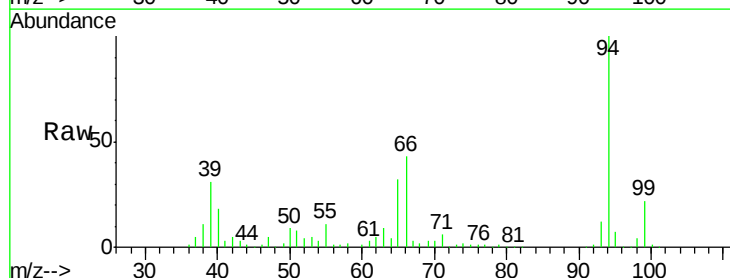
Tgt Ion: 94 Resp: 429949

Ion Ratio Lower Upper

94 100

65 32.0 9.9 49.9

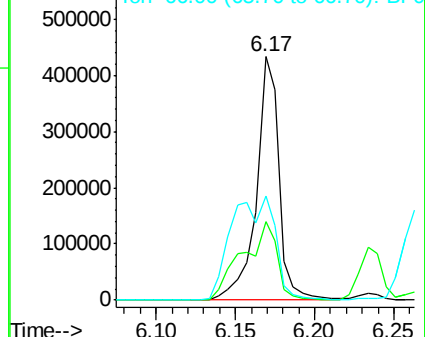
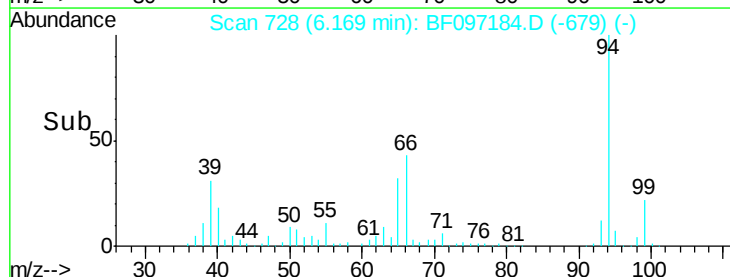
66 42.5 23.1 63.1

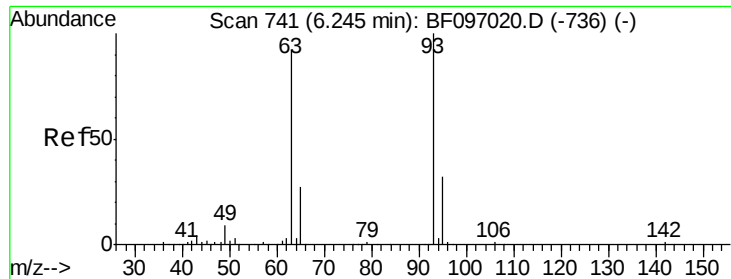


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.82 ng

RT: 6.23 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

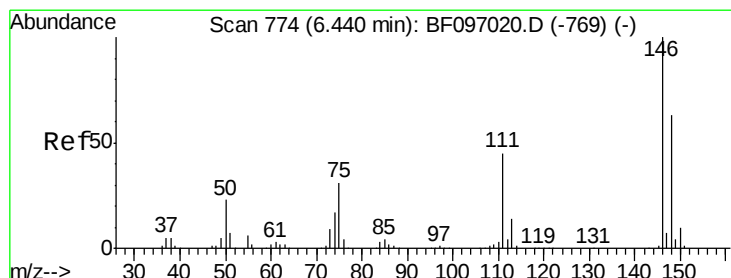
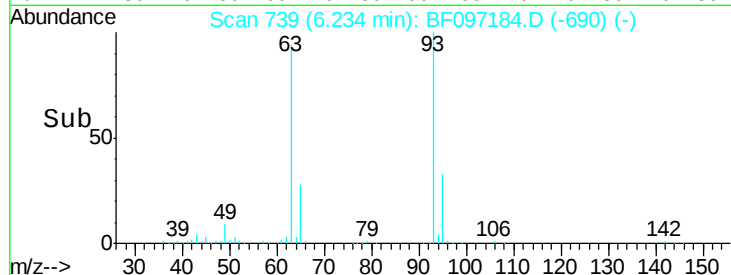
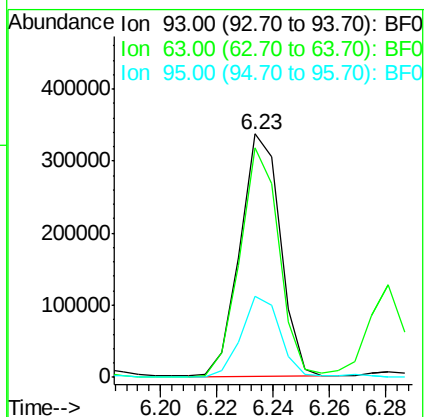
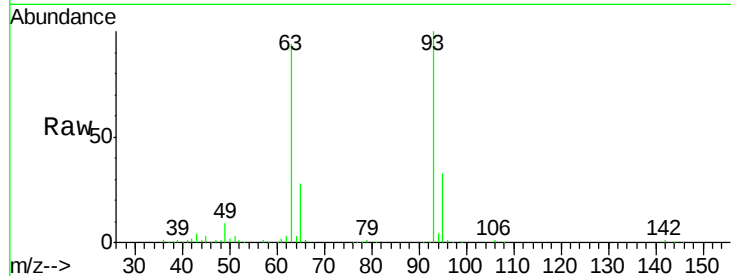
Tot Ion: 93 Resp: 333802

Ion Ratio Lower Upper

93 100

63 94.3 59.2 99.2

95 33.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.43 ng

RT: 6.43 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

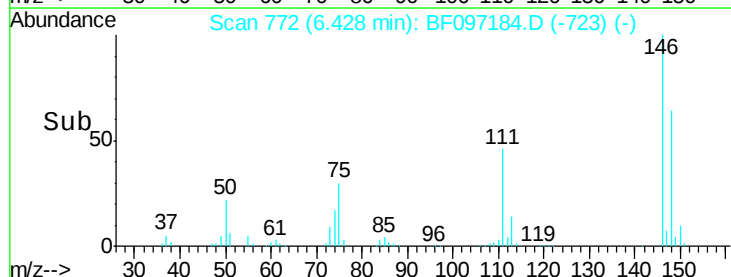
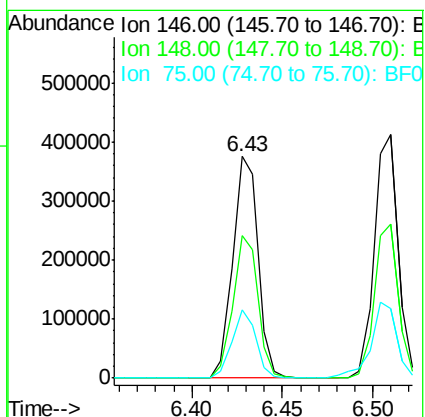
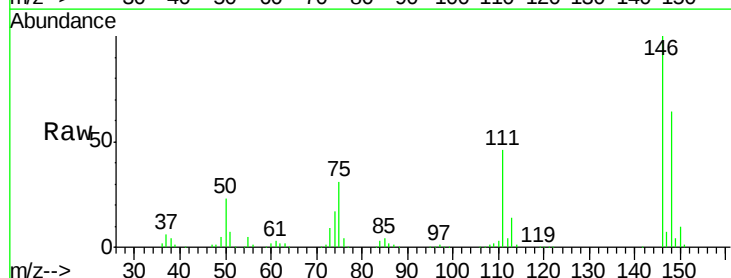
Tgt Ion: 146 Resp: 364827

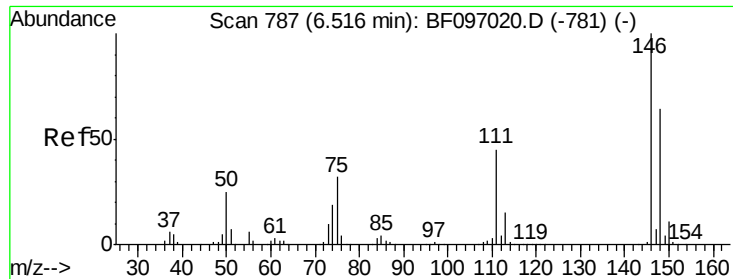
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

75 30.7 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 41.34 ng

RT: 6.51 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

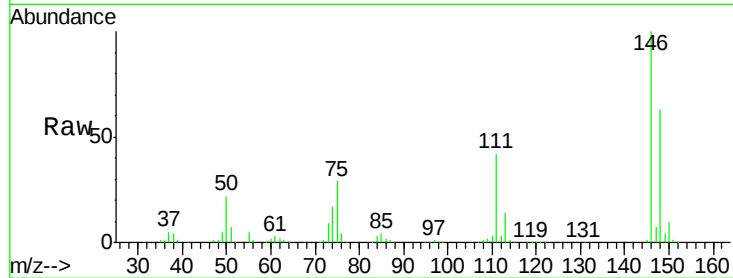
Tot Ion:146 Resp: 379094

Ion Ratio Lower Upper

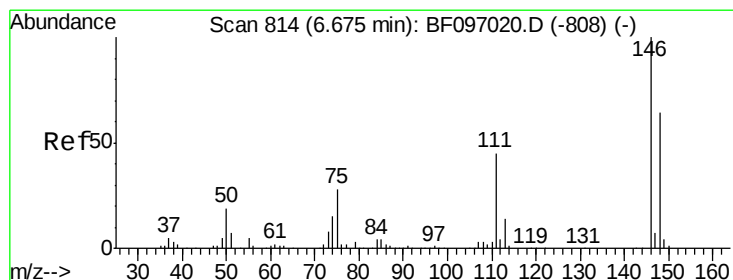
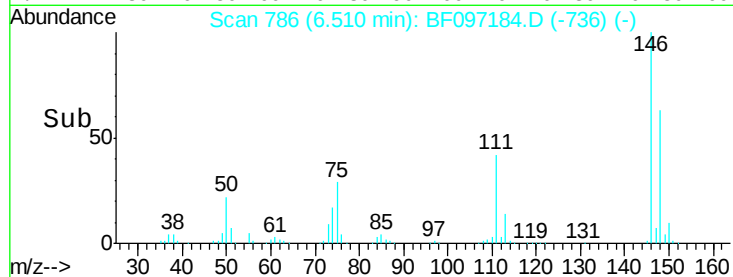
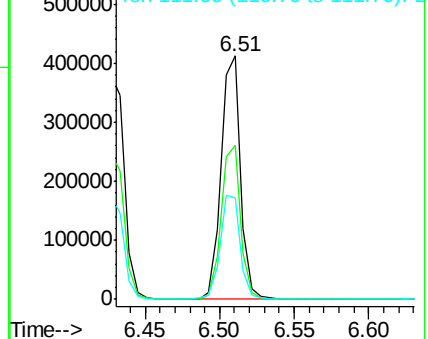
146 100

148 63.0 52.2 78.2

111 41.9 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 39.01 ng

RT: 6.66 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

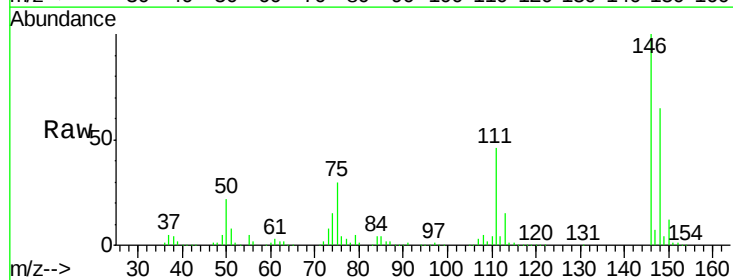
Tgt Ion:146 Resp: 312309

Ion Ratio Lower Upper

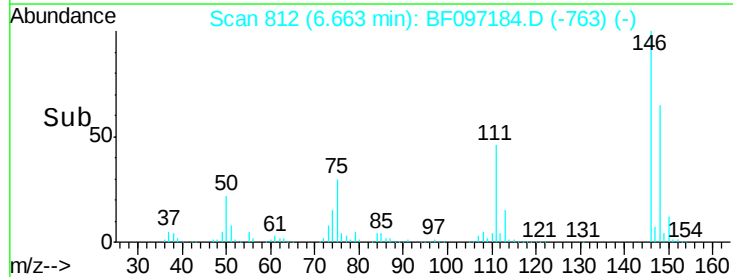
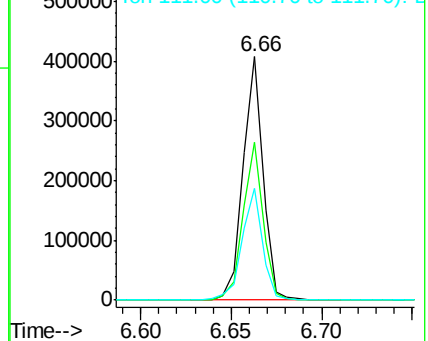
146 100

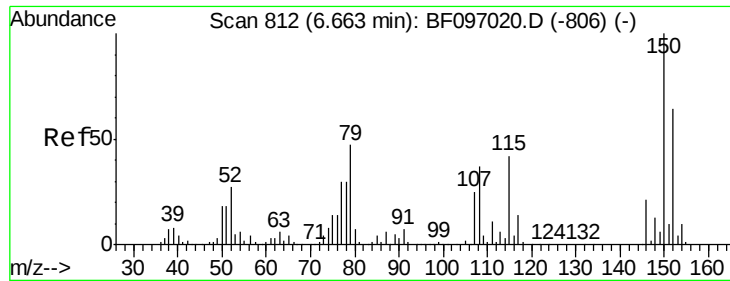
148 65.0 50.4 75.6

111 45.7 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: 38.36 ng

RT: 6.65 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

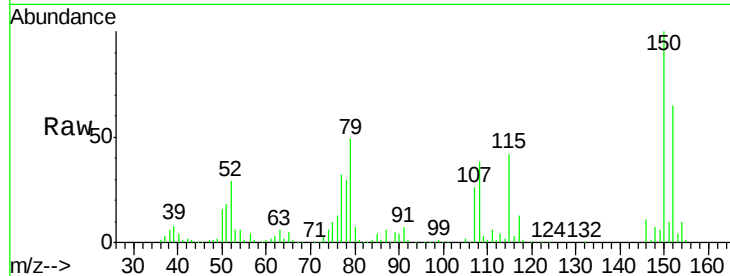
Tot Ion: 79 Resp: 222597

Ion	Ratio	Lower	Upper
79	100		
108	76.7	63.4	95.0
77	64.9	49.2	73.8

79 100

108 76.7 63.4 95.0

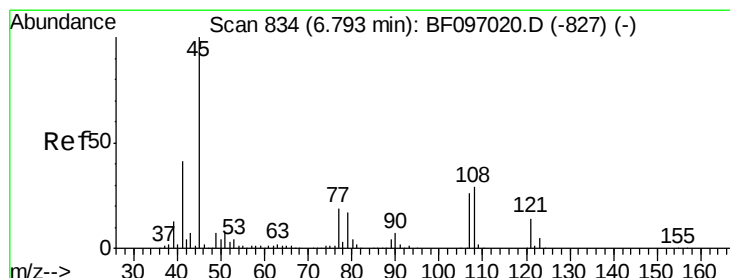
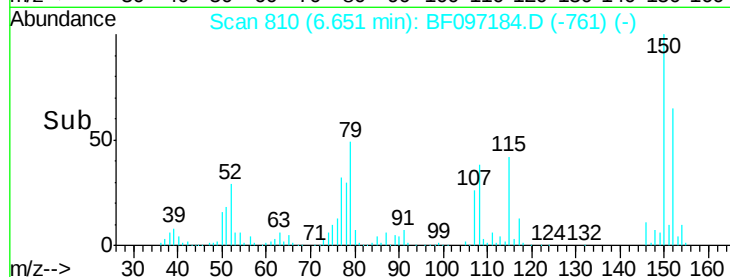
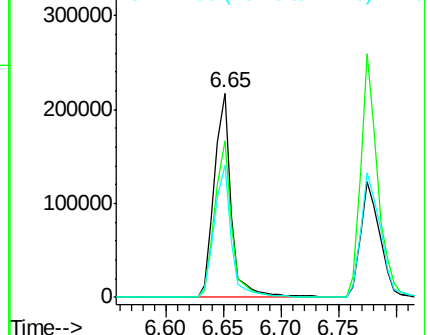
77 64.9 49.2 73.8



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: 34.83 ng

RT: 6.79 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

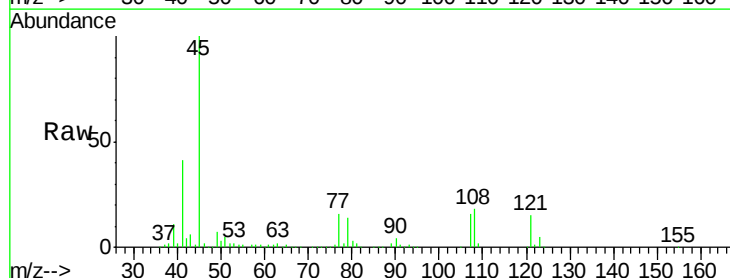
Tgt Ion: 45 Resp: 600813

Ion	Ratio	Lower	Upper
45	100		
77	16.2	0.0	33.2
79	13.6	0.0	30.0

45 100

77 16.2 0.0 33.2

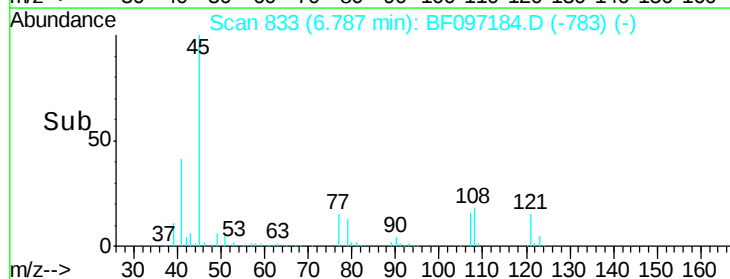
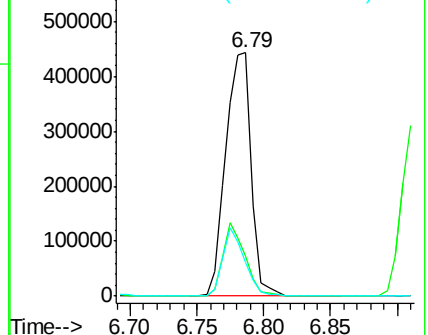
79 13.6 0.0 30.0

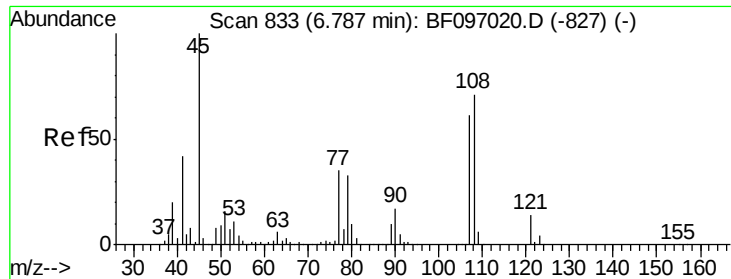


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

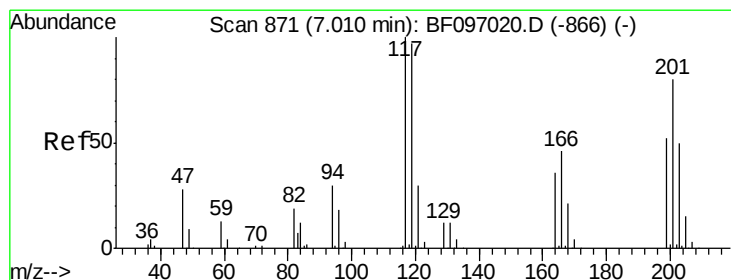
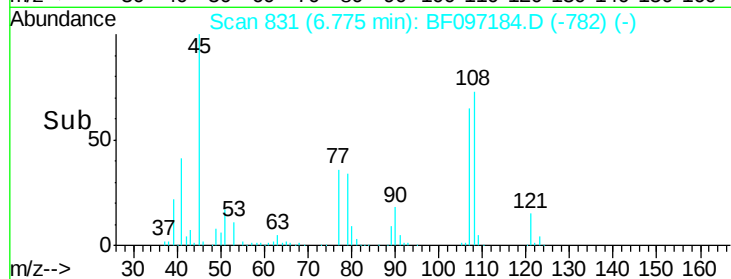
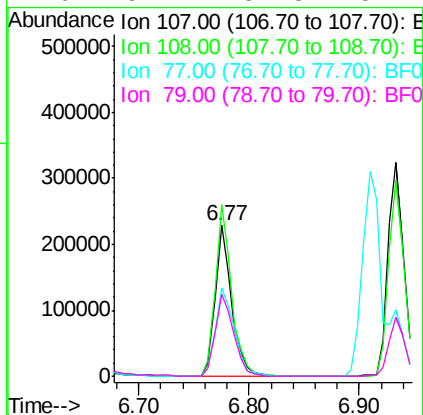
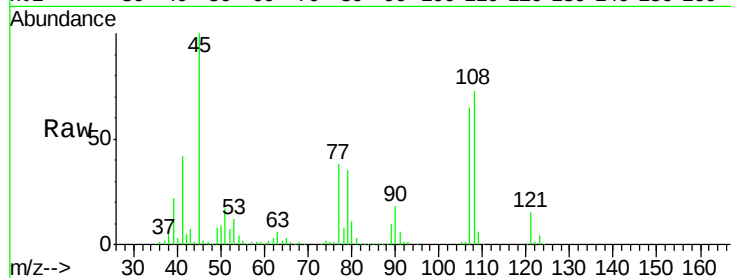




#17
2-Methylphenol
Concen: 35.50 ng
RT: 6.77 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

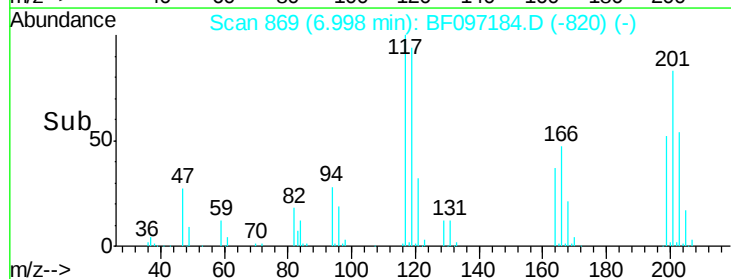
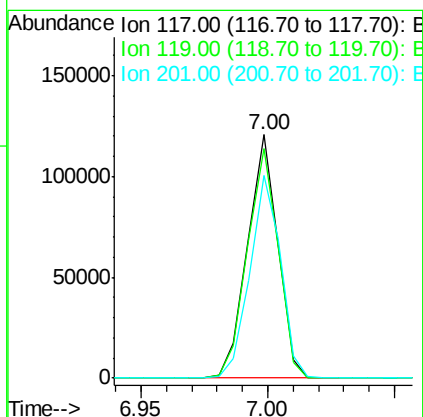
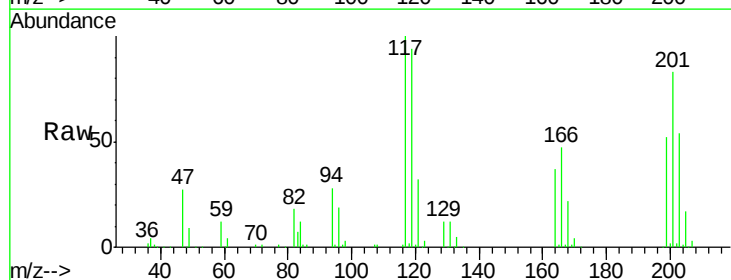
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

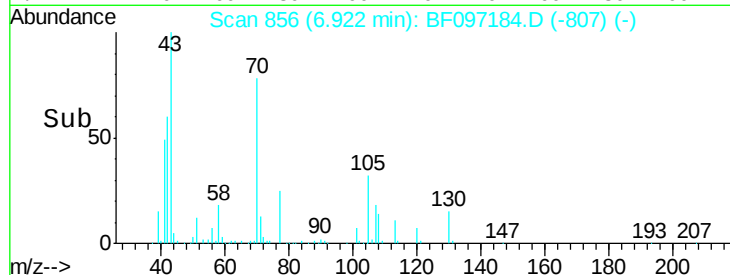
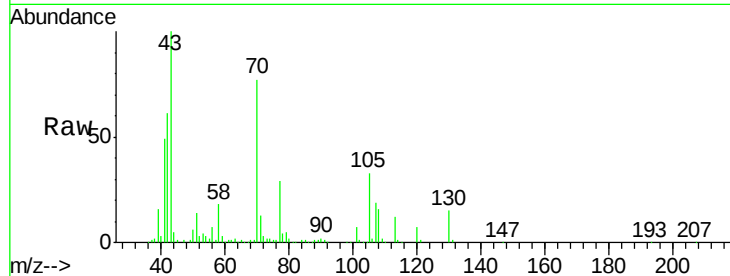
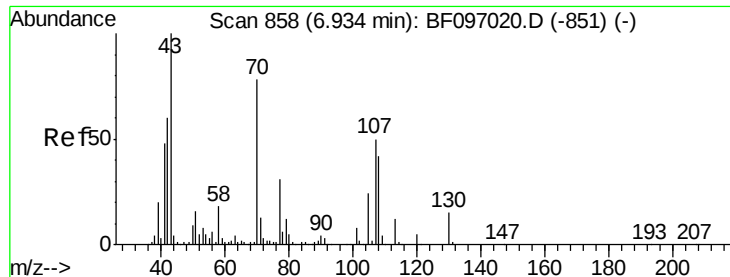
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	93.4	140.0
77	58.4	35.8	53.6#
79	54.2	34.8	52.2#



#18
Hexachloroethane
Concen: 29.99 ng
RT: 7.00 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.4	116.0
201	83.0	94.6	141.8#

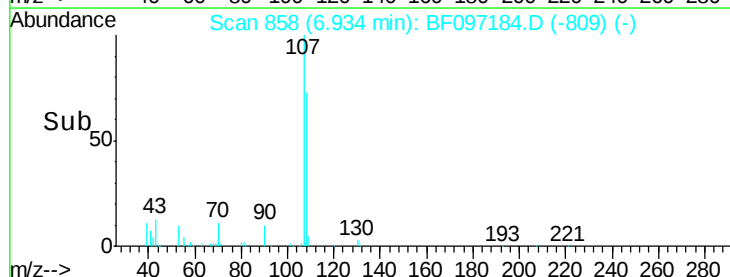
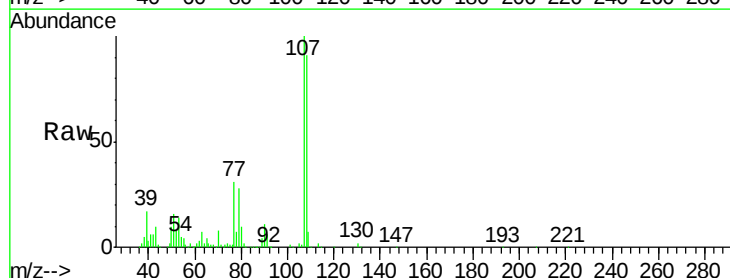
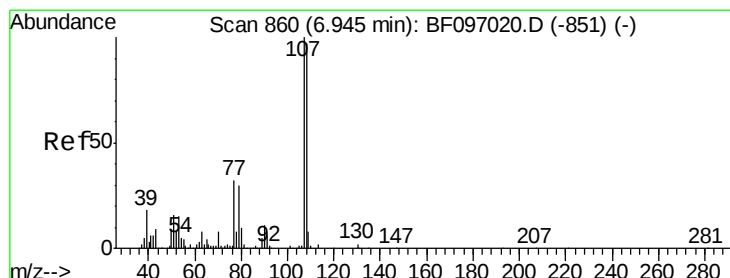
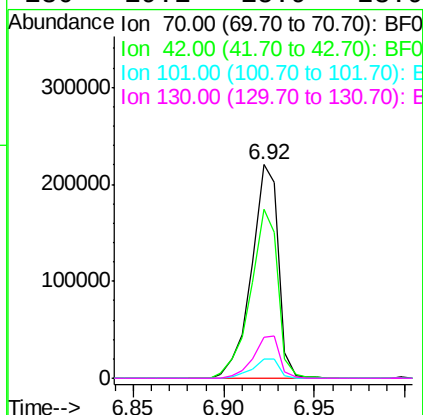




#19
n-Nitroso-di-n-propylamine
Concen: 37.53 ng
RT: 6.92 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

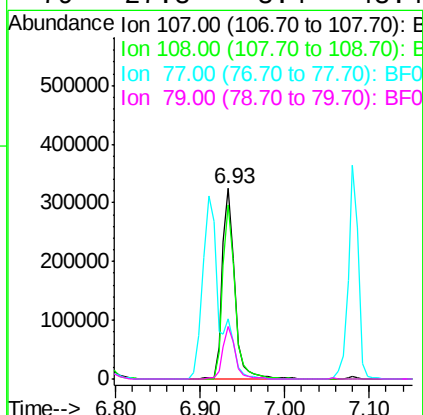
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

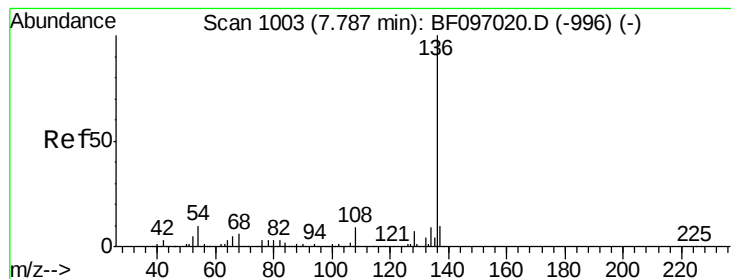
Tot Ion: 70 Resp: 226446
Ion Ratio Lower Upper
70 100
42 79.0 47.2 70.8#
101 8.7 7.2 10.8
130 19.1 15.9 23.9



#20
3+4-Methylphenols
Concen: 38.95 ng
RT: 6.93 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

Tgt Ion: 107 Resp: 337110
Ion Ratio Lower Upper
107 100
108 91.5 71.0 111.0
77 31.5 90.5 130.5#
79 27.8 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 458900

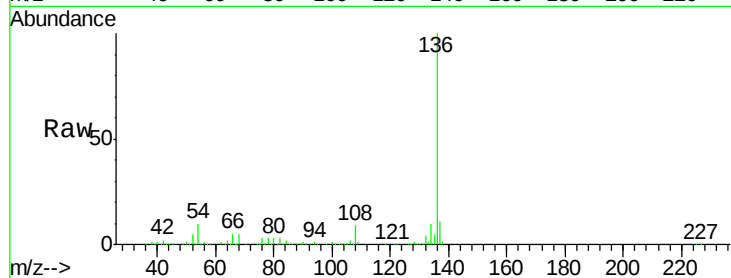
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 9.8 4.9 7.3#

68 5.3 4.1 6.1

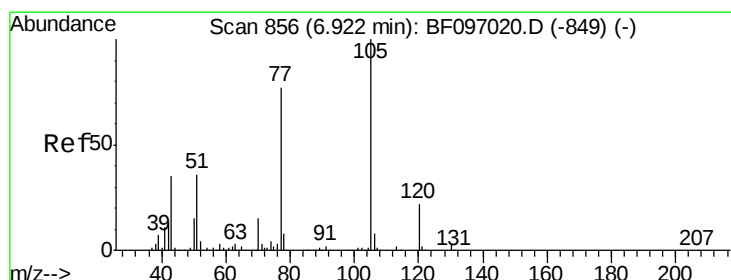
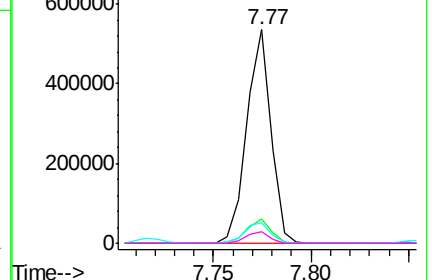
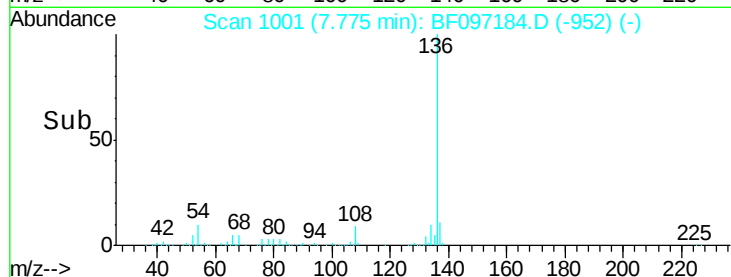


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.83 ng

RT: 6.91 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

Tgt Ion:105 Resp: 449953

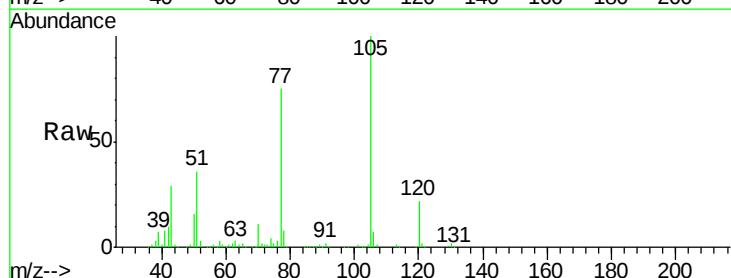
Ion Ratio Lower Upper

105 100

71 1.9 2.8 4.2#

51 36.5 30.7 46.1

120 21.8 17.4 26.0

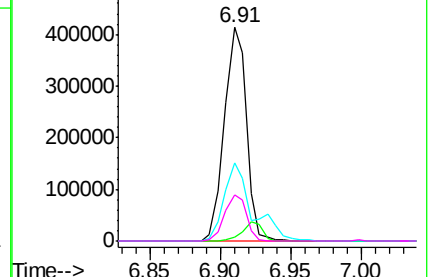
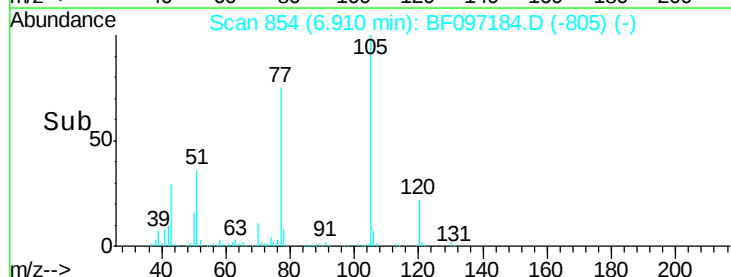


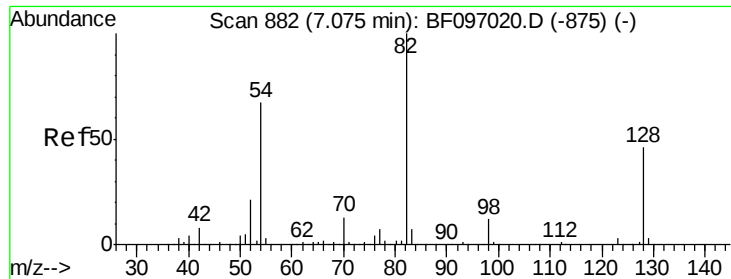
Abundance Ion 105.00 (104.70 to 105.70): E

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

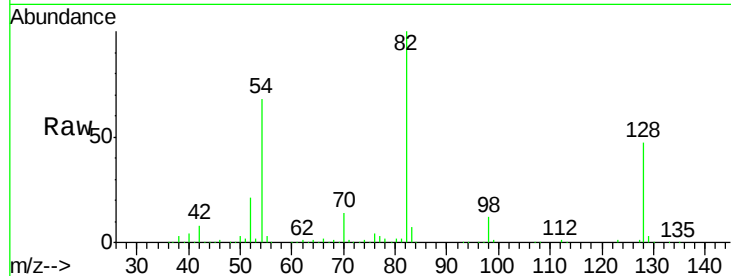




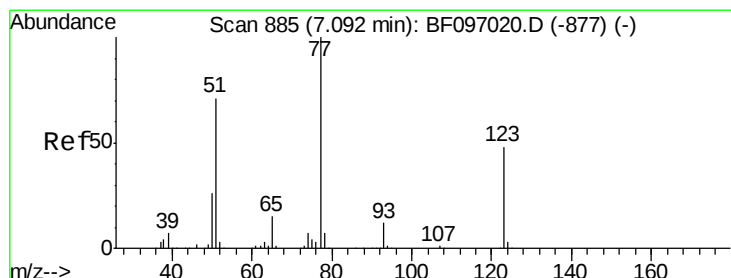
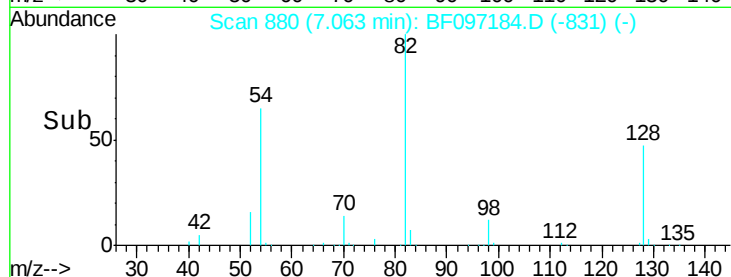
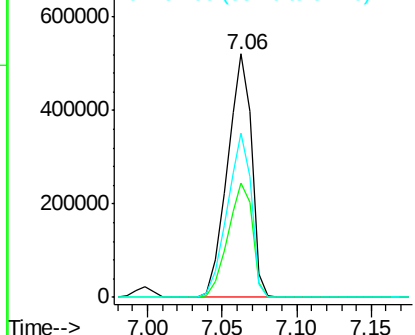
#23
 Nitrobenzene-d5
 Concen: 75.85 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF097184.D
 Acq: 29 Jul 2017 5:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 593306
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.0 51.0
 54 67.6 42.2 63.2#

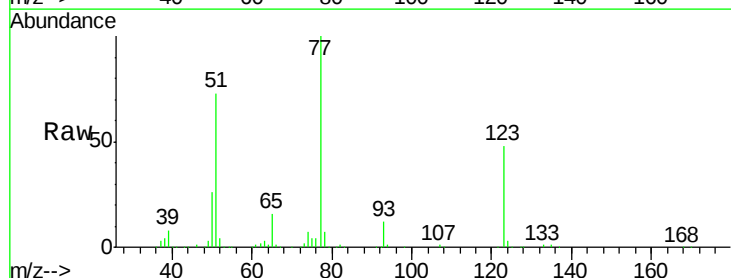


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

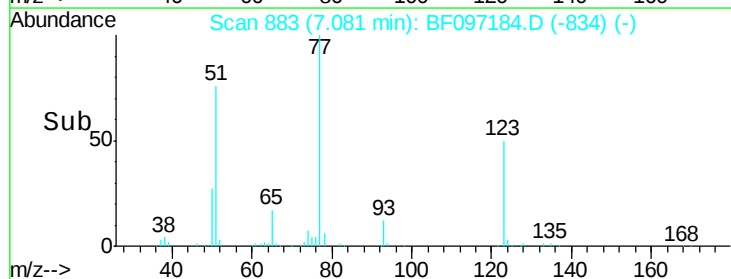
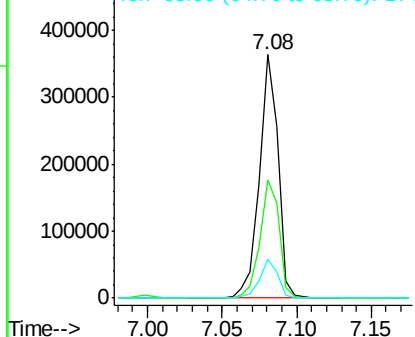


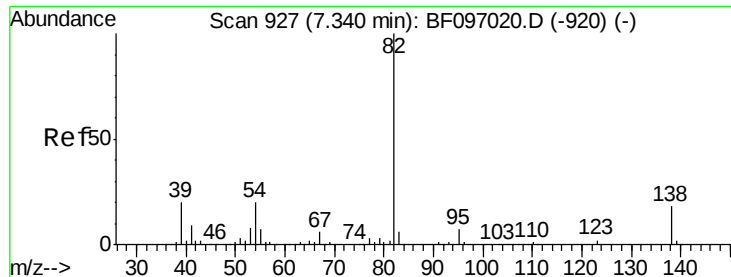
#24
 Nitrobenzene
 Concen: 38.13 ng
 RT: 7.08 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097184.D
 Acq: 29 Jul 2017 5:47

Tgt Ion: 77 Resp: 310632
 Ion Ratio Lower Upper
 77 100
 123 48.3 35.8 53.8
 65 16.0 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: 38.02 ng

RT: 7.33 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

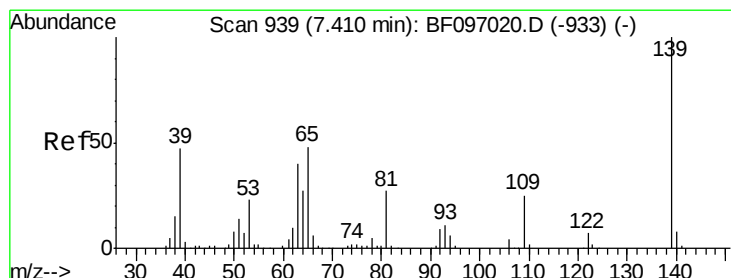
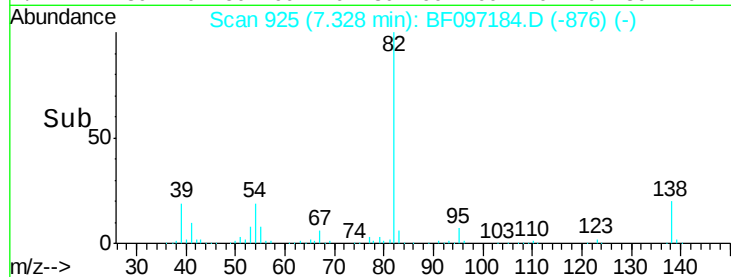
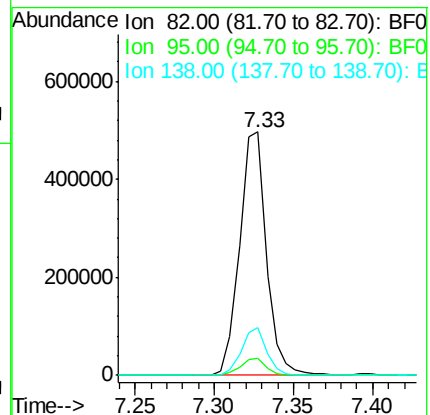
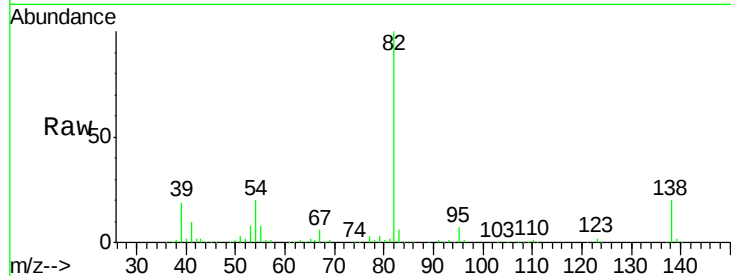
Tot Ion: 82 Resp: 582474

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 19.6 13.1 19.7



#26

2-Nitrophenol

Concen: 33.89 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

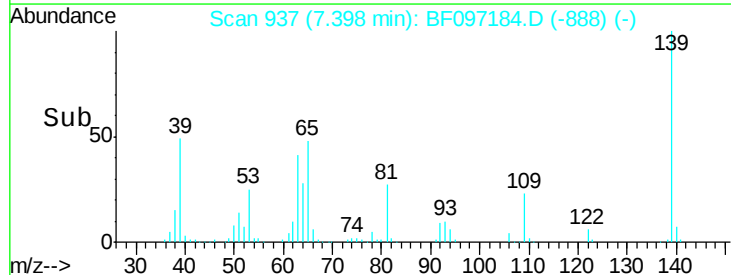
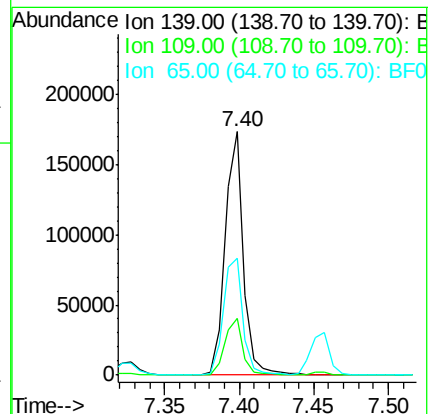
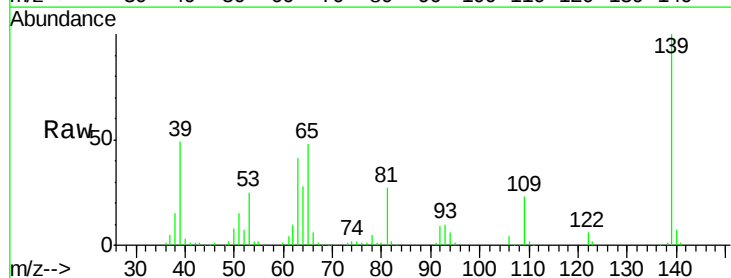
Tgt Ion: 139 Resp: 149356

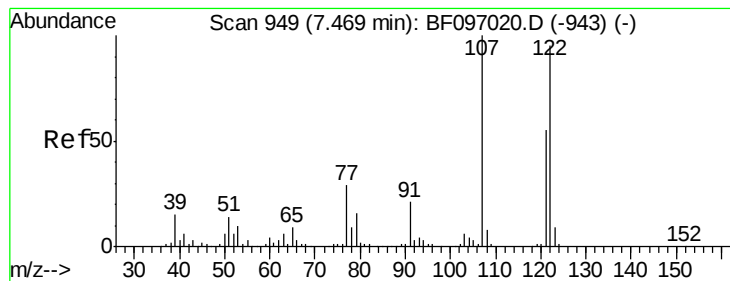
Ion Ratio Lower Upper

139 100

109 23.1 21.0 31.6

65 48.2 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 37.05 ng

RT: 7.46 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

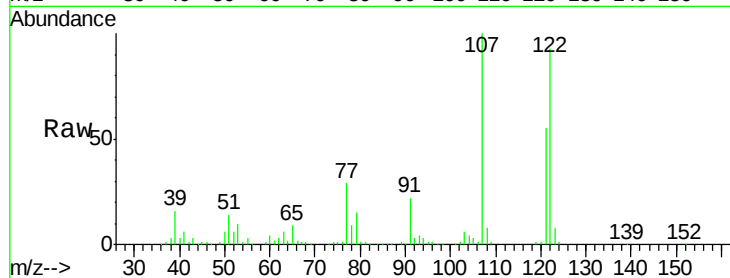
Tot Ion:122 Resp: 269411

Ion Ratio Lower Upper

122 100

107 107.3 89.2 133.8

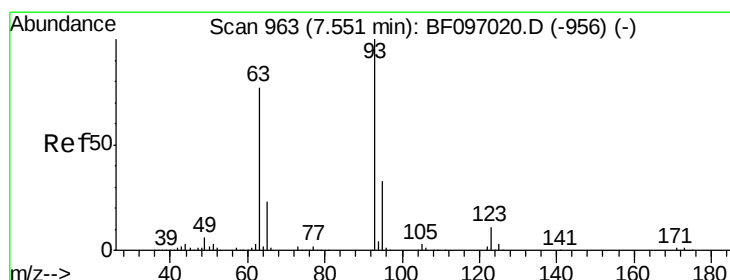
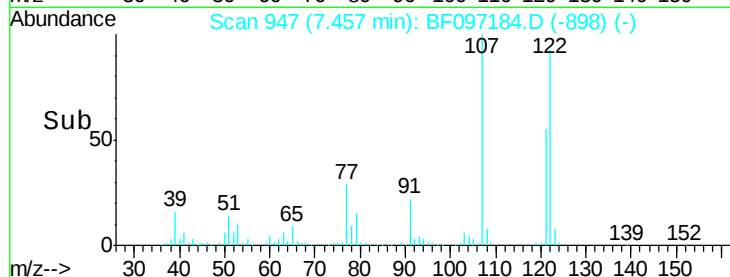
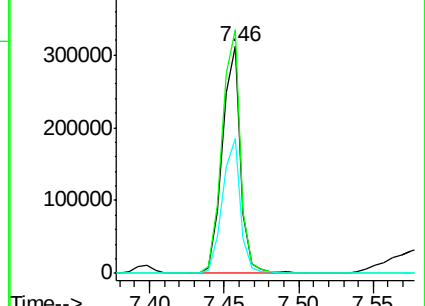
121 59.2 45.2 67.8



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: 40.76 ng

RT: 7.54 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

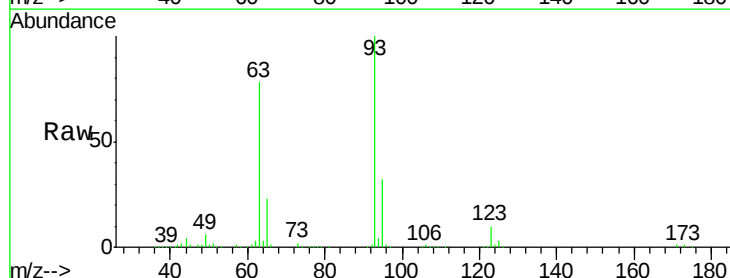
Tgt Ion: 93 Resp: 407456

Ion Ratio Lower Upper

93 100

95 32.1 26.5 39.7

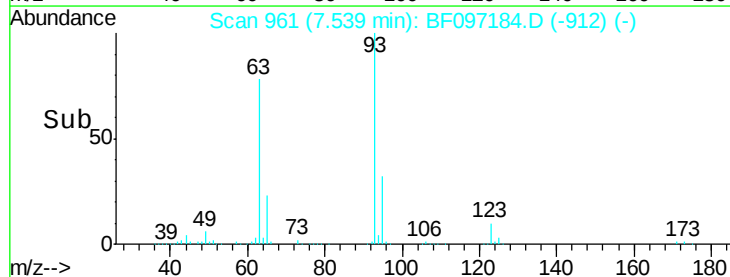
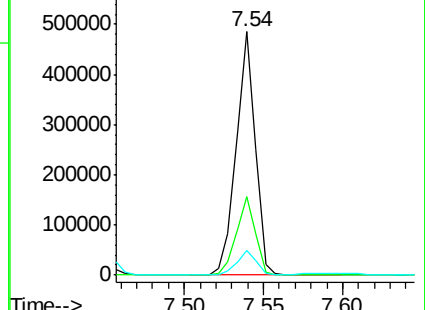
123 10.2 9.0 13.4

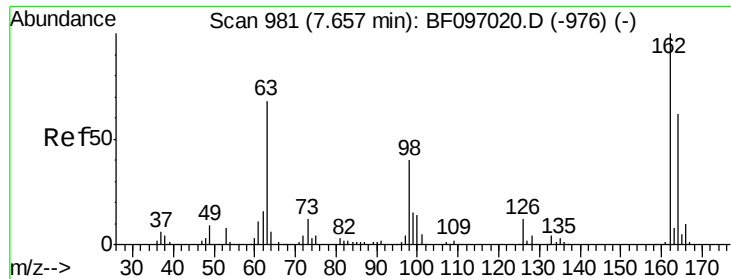


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

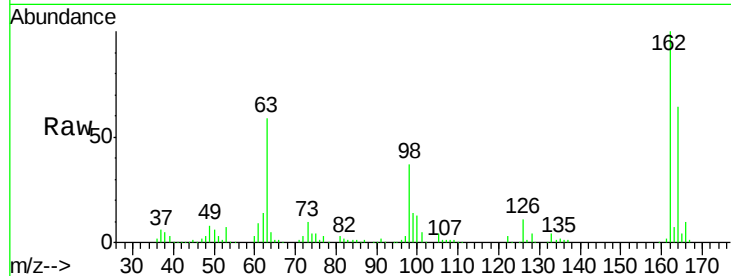




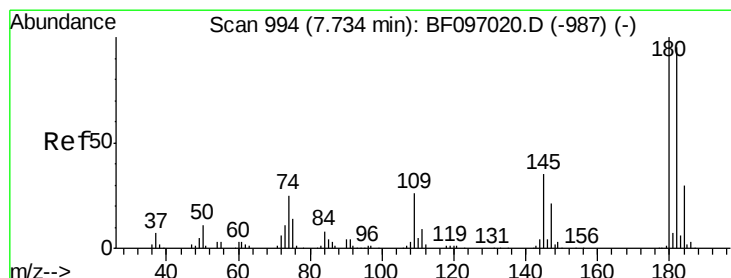
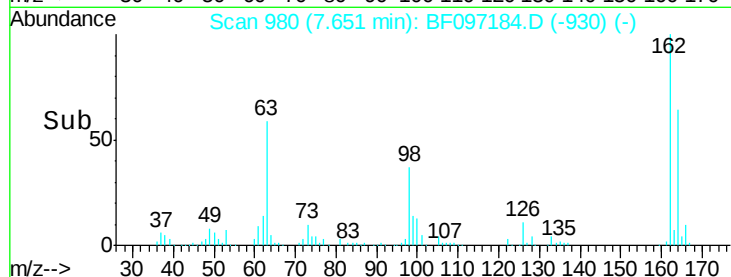
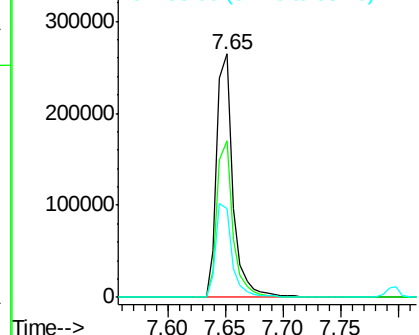
#29
 2,4-Dichlorophenol
 Concen: 41.25 ng
 RT: 7.65 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF097184.D
 Acq: 29 Jul 2017 5:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.6	84.6
98	36.6	14.8	54.8

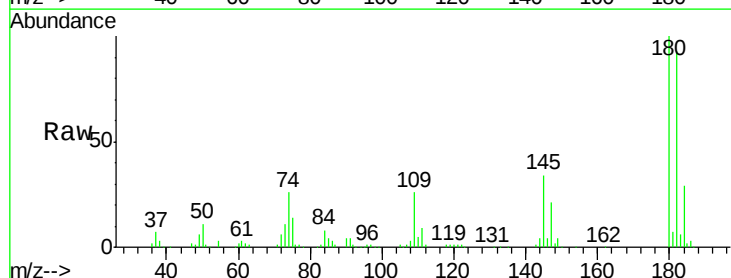


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

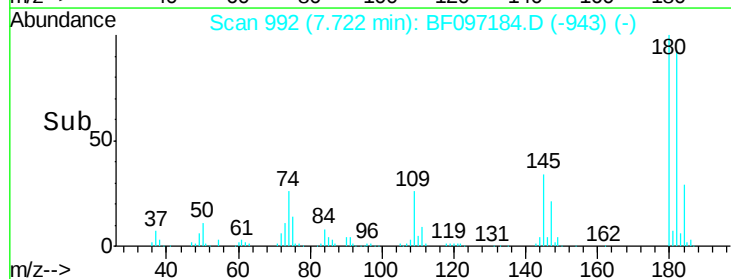
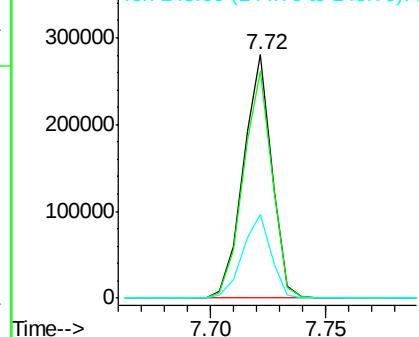


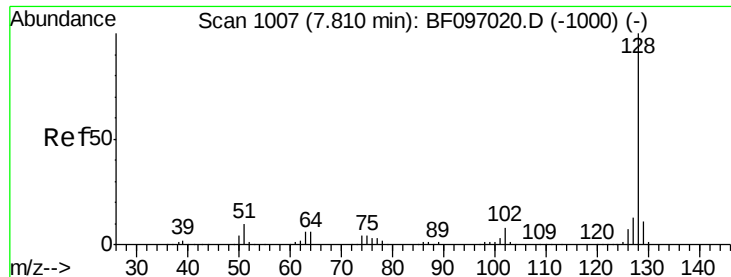
#30
 1,2,4-Trichlorobenzene
 Concen: 40.08 ng
 RT: 7.72 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF097184.D
 Acq: 29 Jul 2017 5:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.8	113.6
145	34.1	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: 38.72 ng

RT: 7.80 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

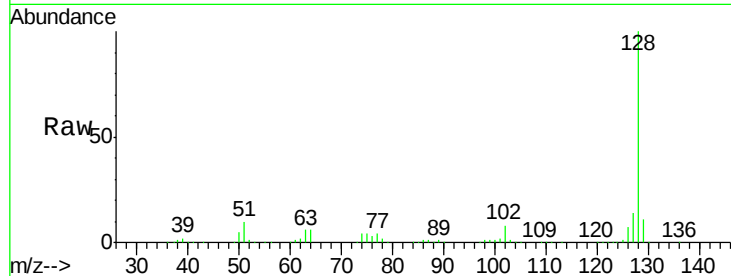
Tot Ion:128 Resp: 837516

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

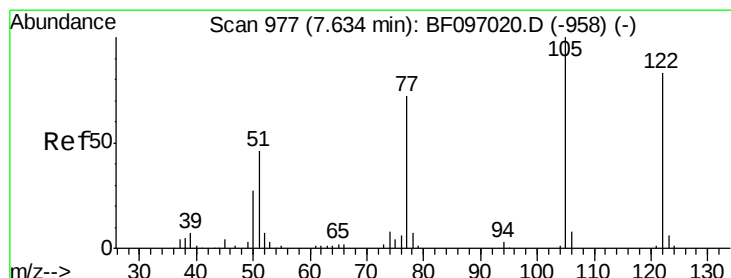
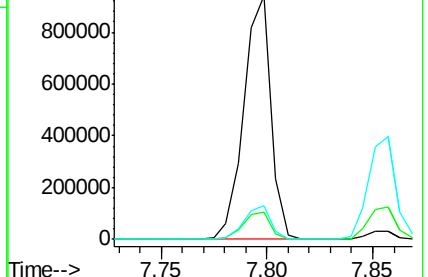
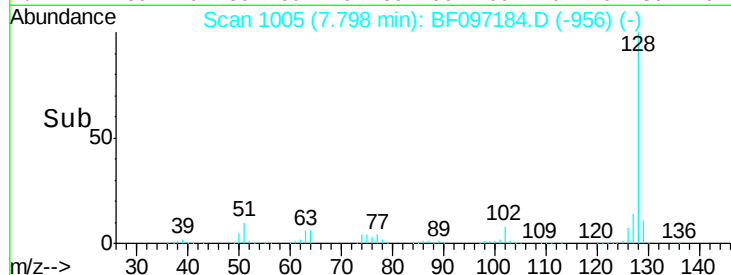
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.62 ng

RT: 7.61 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

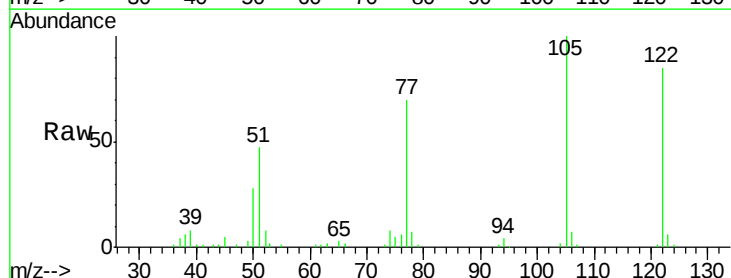
Tgt Ion:122 Resp: 144522

Ion Ratio Lower Upper

122 100

105 117.2 103.3 143.3

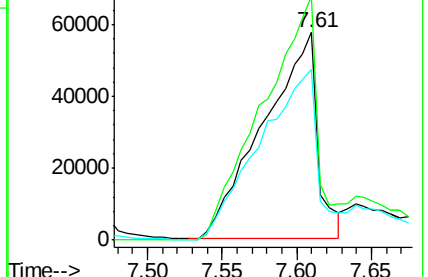
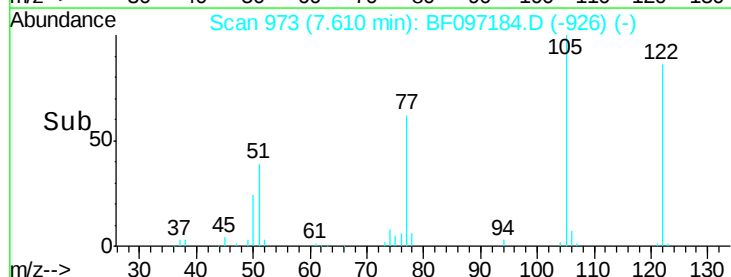
77 82.2 73.7 113.7

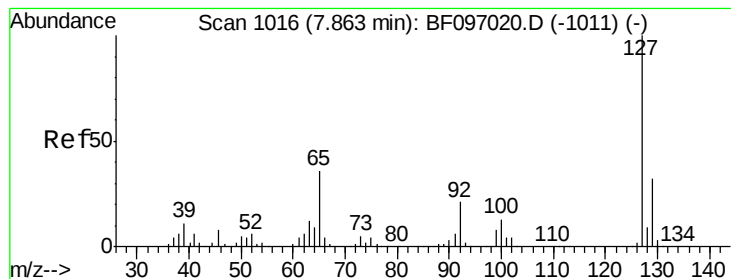


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 41.90 ng

RT: 7.86 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 368783

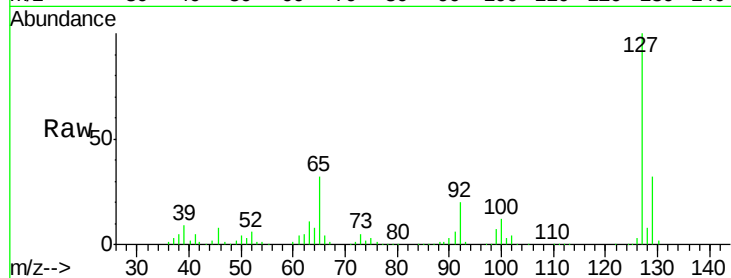
Ion Ratio Lower Upper

127 100

129 32.3 26.2 39.2

65 32.3 27.8 41.8

92 20.0 16.8 25.2

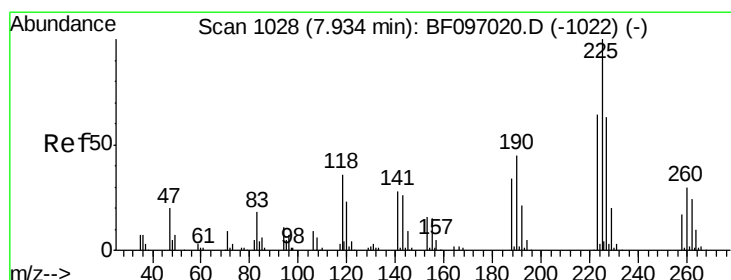
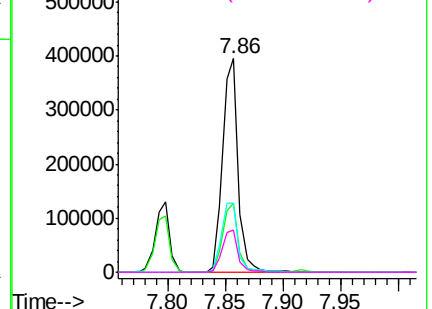
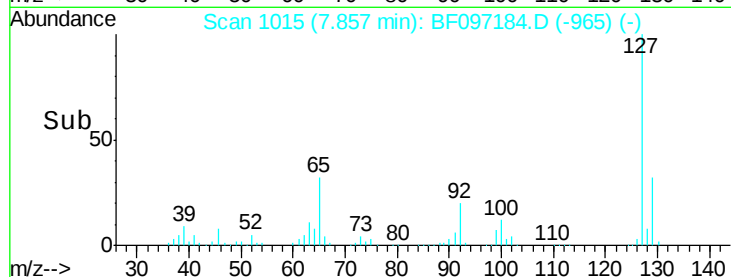


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.08 ng

RT: 7.92 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

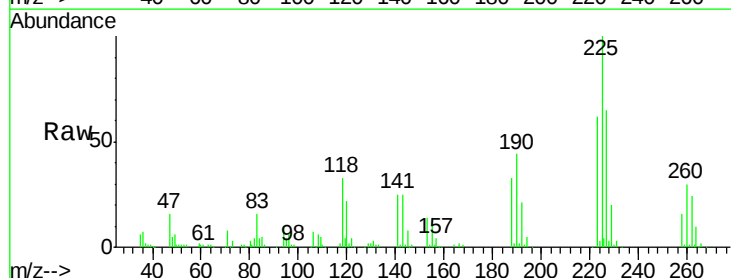
Tgt Ion:225 Resp: 130019

Ion Ratio Lower Upper

225 100

223 62.3 48.8 73.2

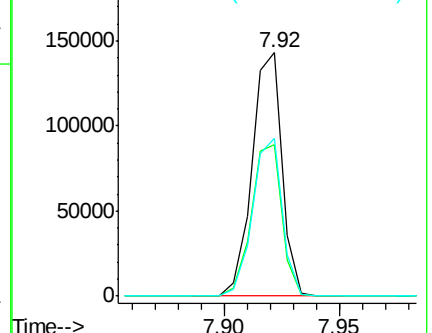
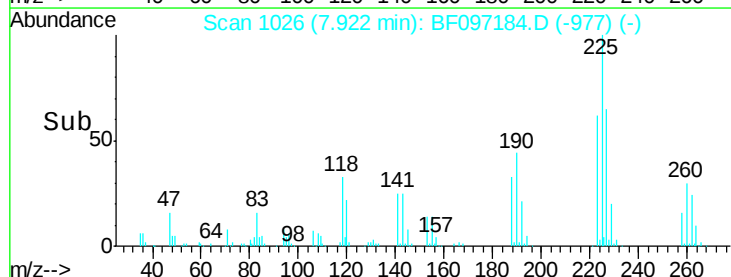
227 64.9 51.1 76.7

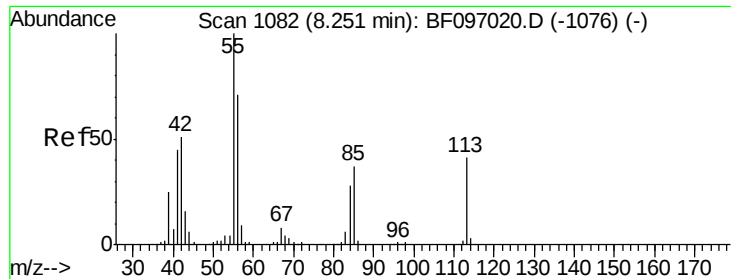


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.95 ng

RT: 8.24 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

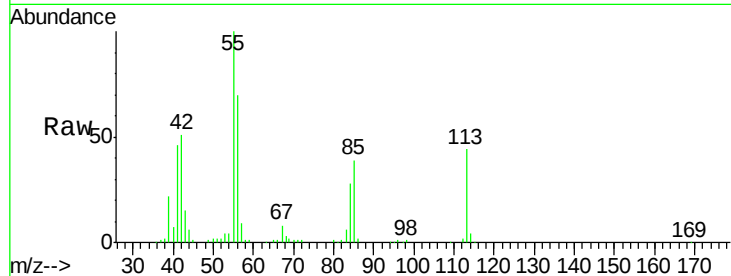
Tot Ion:113 Resp: 76232

Ion Ratio Lower Upper

113 100

55 225.6 150.2 190.2#

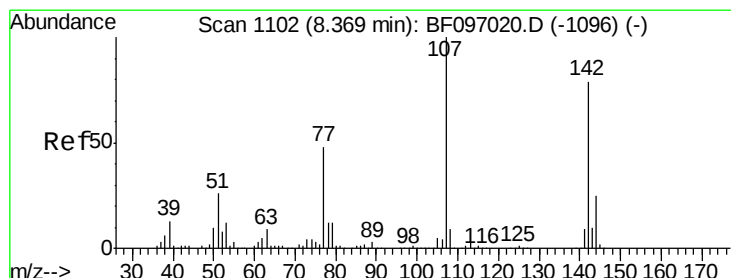
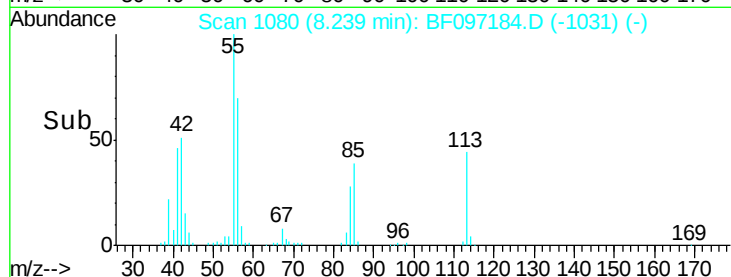
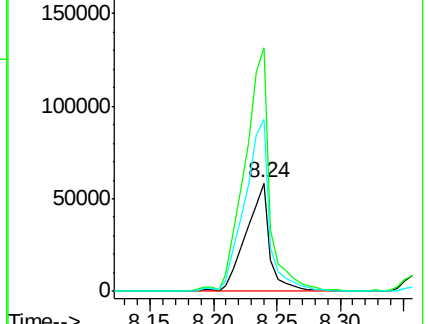
56 158.9 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.03 ng

RT: 8.36 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

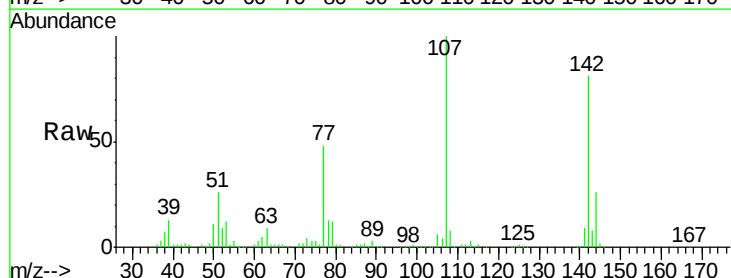
Tgt Ion:107 Resp: 259913

Ion Ratio Lower Upper

107 100

144 26.0 24.2 36.4

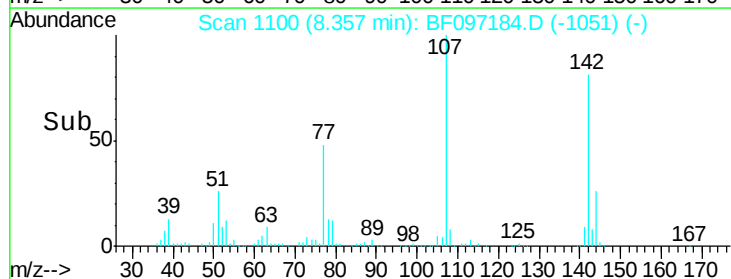
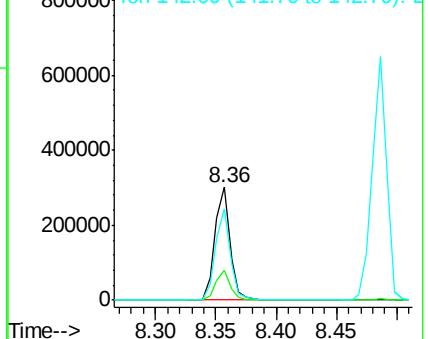
142 80.9 73.4 110.0

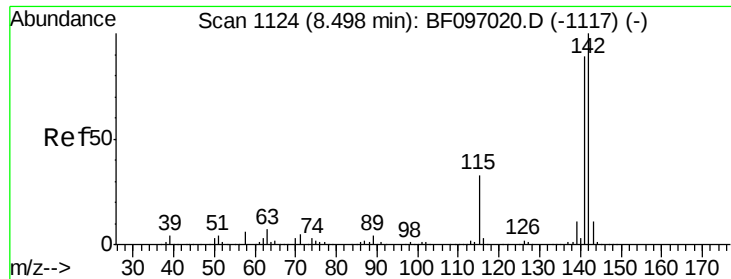


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

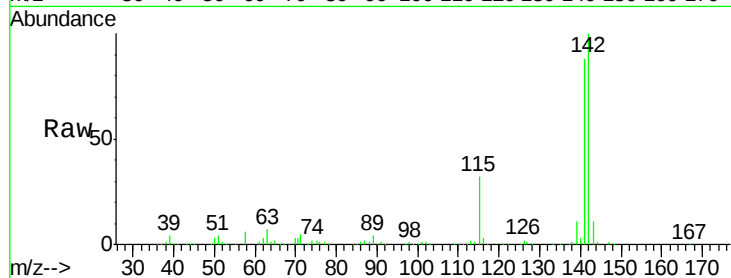




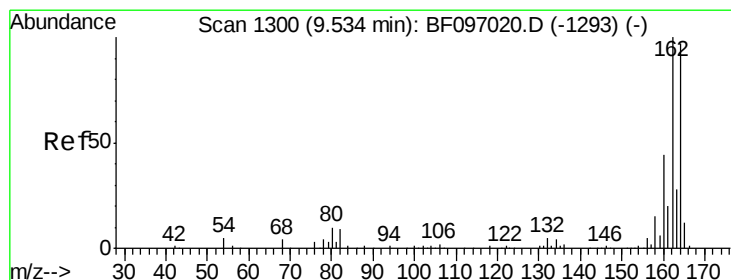
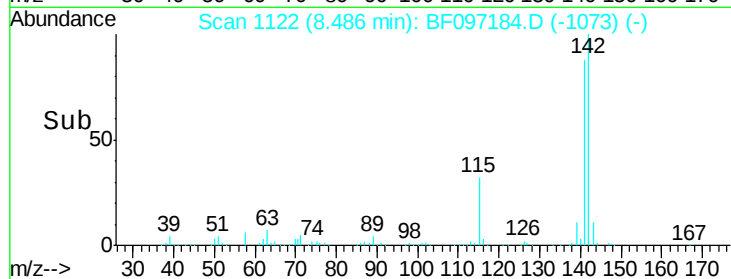
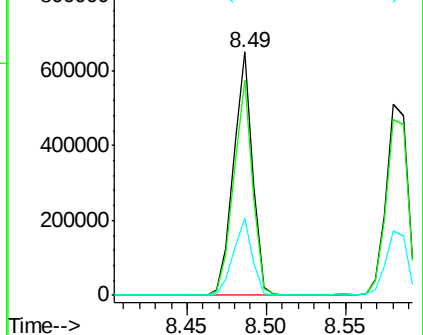
#37
2-Methylnaphthalene
Concen: 39.50 ng
RT: 8.49 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.3	106.9
115	31.8	27.1	40.7

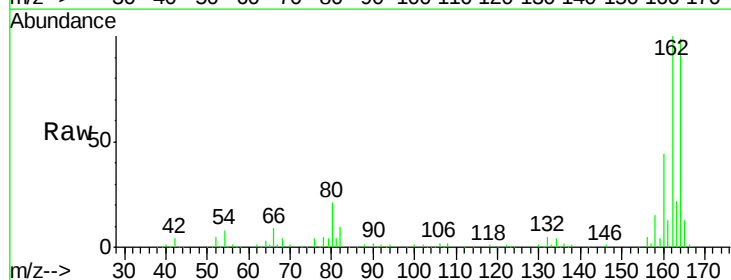


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

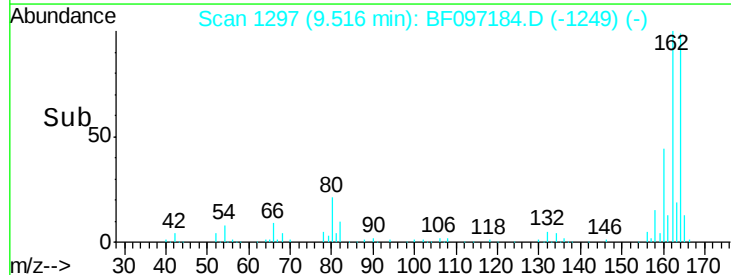
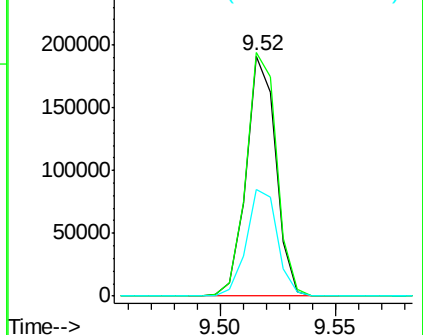


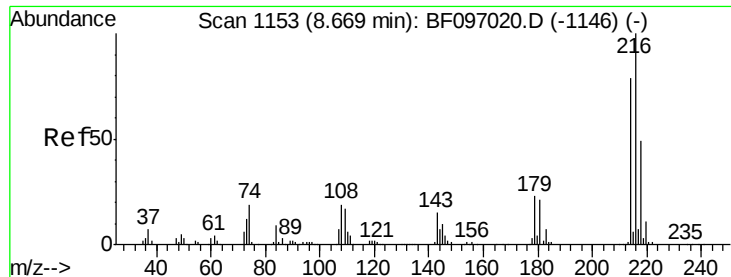
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	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

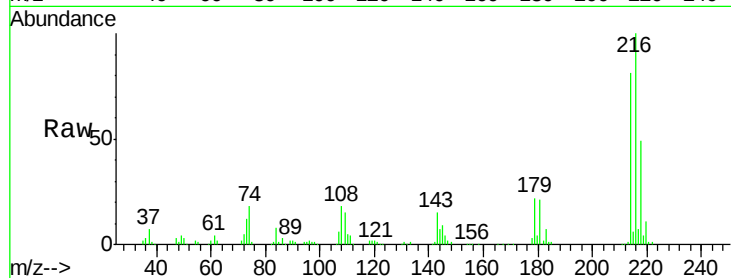




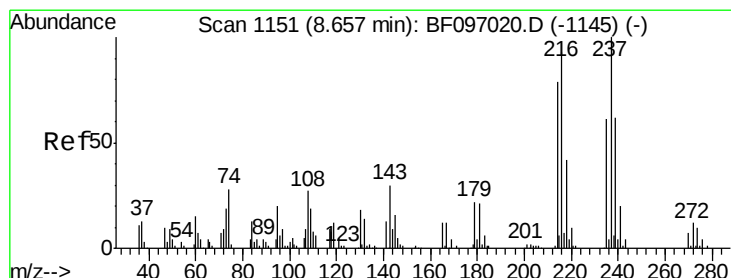
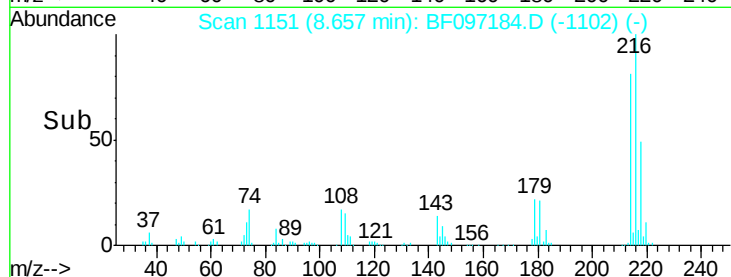
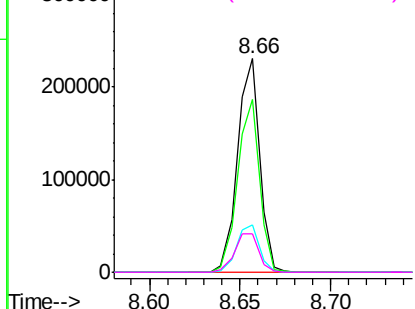
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.03 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF097184.D
 Acq: 29 Jul 2017 5:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	196943
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.4	95.2
179	22.5	17.9	26.9
108	20.0	16.5	24.7

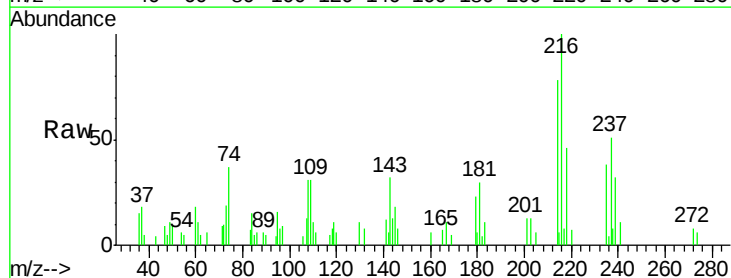


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

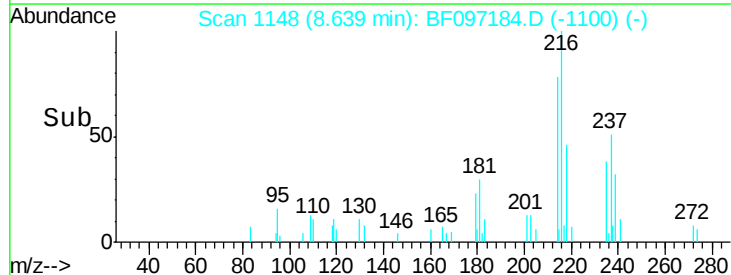
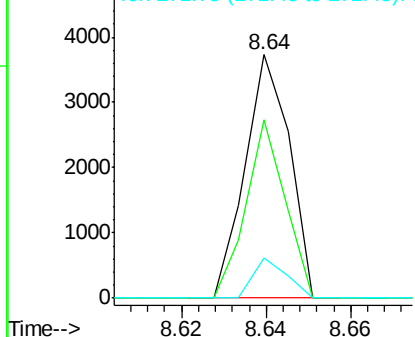


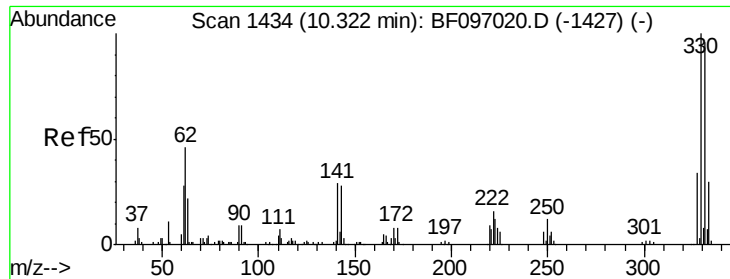
#40
 Hexachlorocyclopentadiene
 Concen: 8.15 ng
 RT: 8.64 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF097184.D
 Acq: 29 Jul 2017 5:47

Tgt Ion:	237	Resp:	2719
Ion	Ratio	Lower	Upper
237	100		
235	73.3	42.6	82.6
272	16.6	0.0	31.9



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

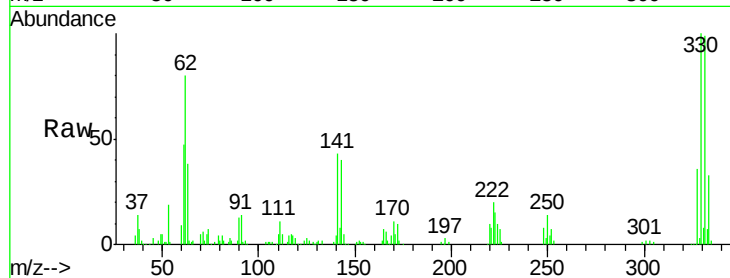




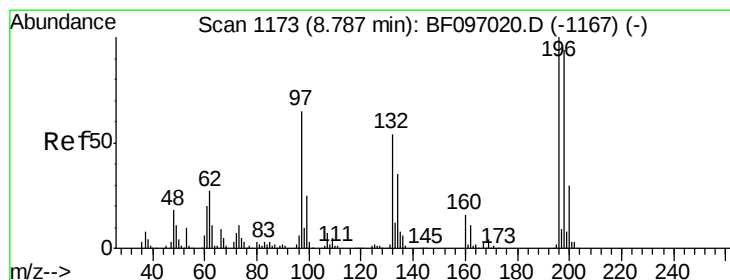
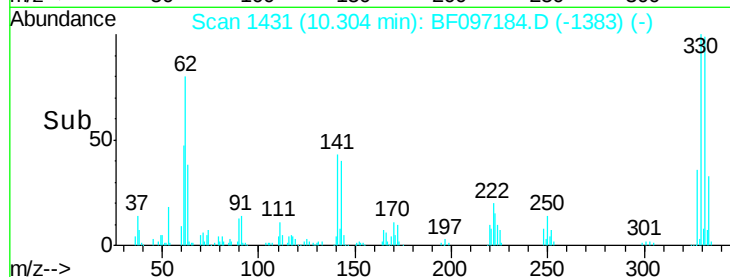
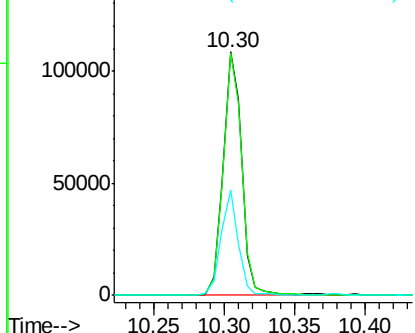
#41
 2,4,6-Tribromophenol
 Concen: 73.43 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097184.D
 Acq: 29 Jul 2017 5:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 99527
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.6 115.0
 141 39.8 31.4 47.2

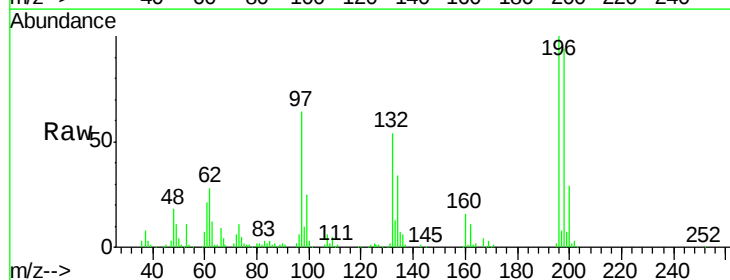


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

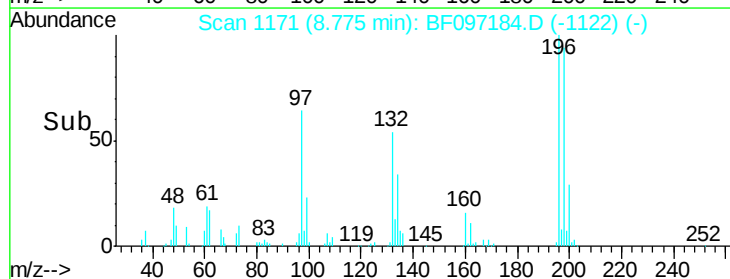
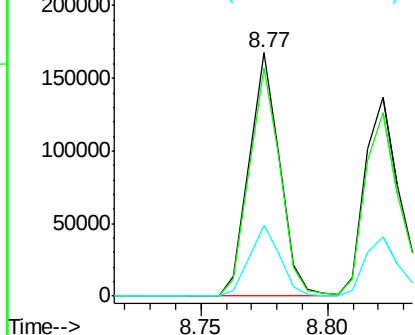


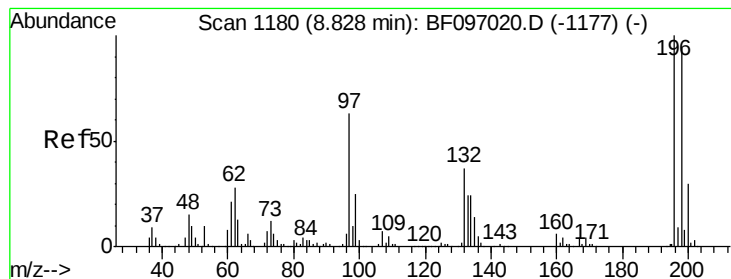
#42
 2,4,6-Trichlorophenol
 Concen: 42.62 ng
 RT: 8.77 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF097184.D
 Acq: 29 Jul 2017 5:47

Tgt Ion:196 Resp: 141375
 Ion Ratio Lower Upper
 196 100
 198 93.9 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: 40.98 ng

RT: 8.82 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:196 Resp: 136051

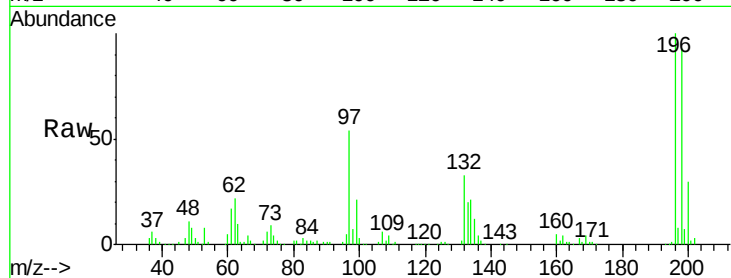
Ion Ratio Lower Upper

196 100

198 92.6 75.7 113.5

97 53.7 47.7 71.5

132 33.0 28.0 42.0

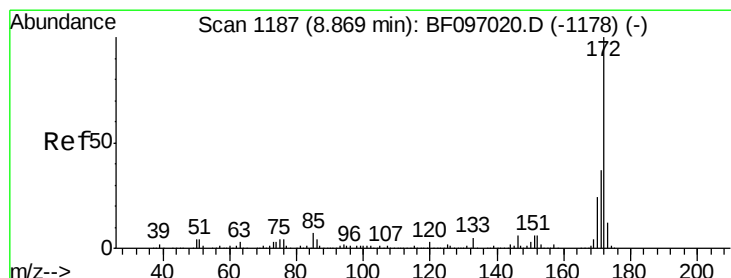
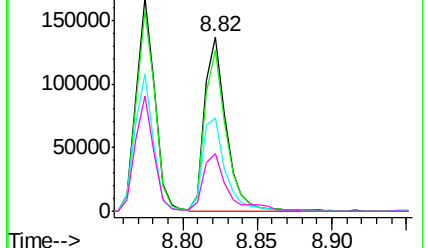
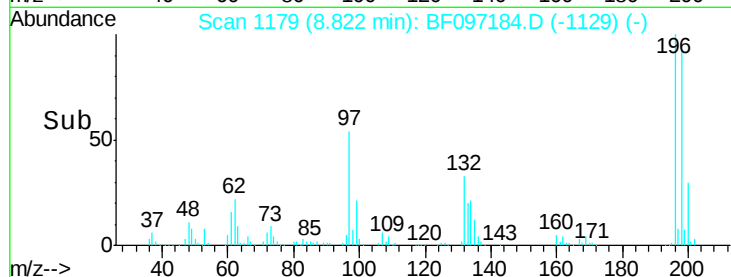


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 87.58 ng

RT: 8.85 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

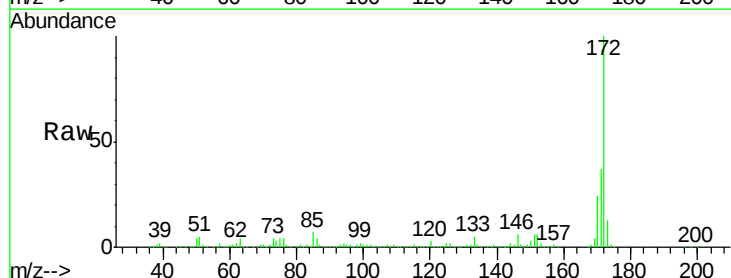
Tgt Ion:172 Resp: 885296

Ion Ratio Lower Upper

172 100

171 36.8 29.6 44.4

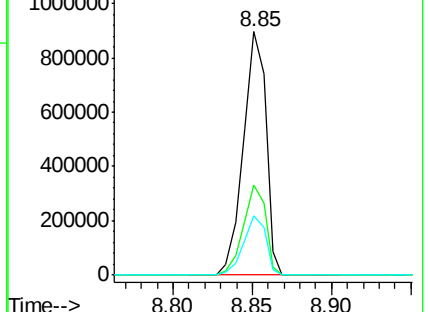
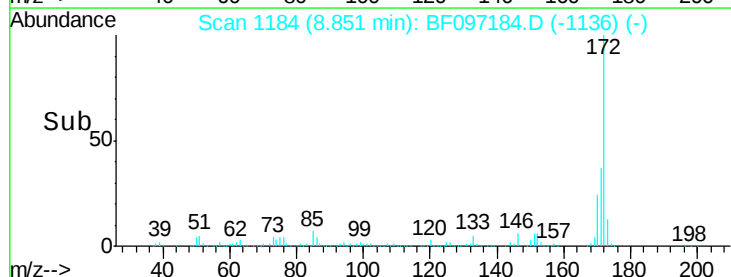
170 24.5 19.8 29.8

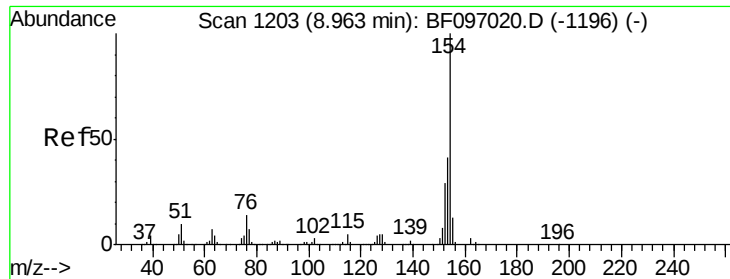


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

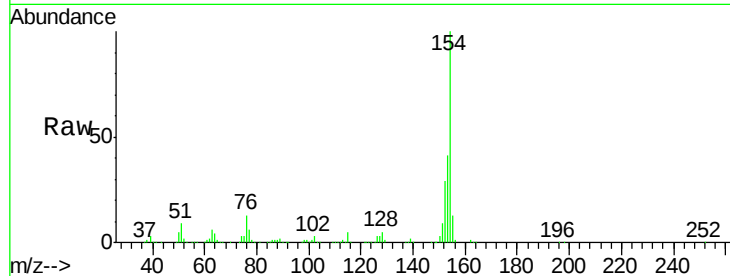




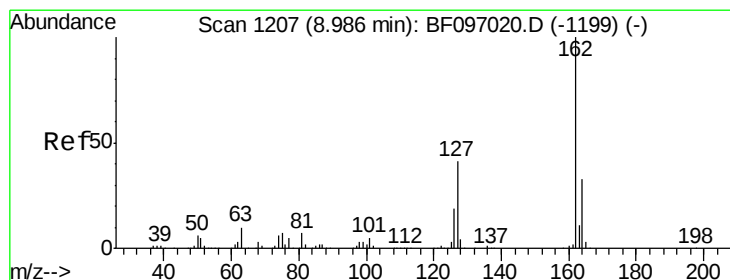
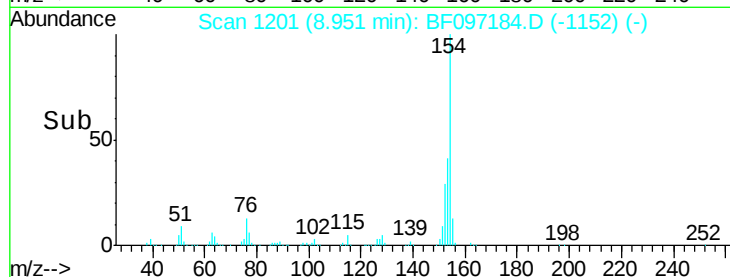
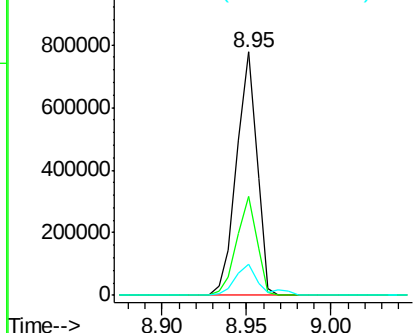
#45
 1,1'-Biphenyl
 Concen: 44.59 ng
 RT: 8.95 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF097184.D
 Acq: 29 Jul 2017 5:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:154 Resp: 653275
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.2 61.2
 76 13.0 0.0 29.9

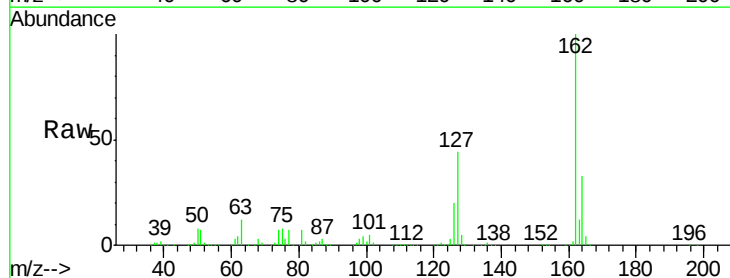


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

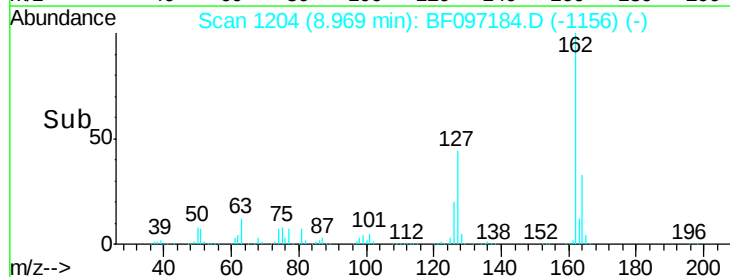
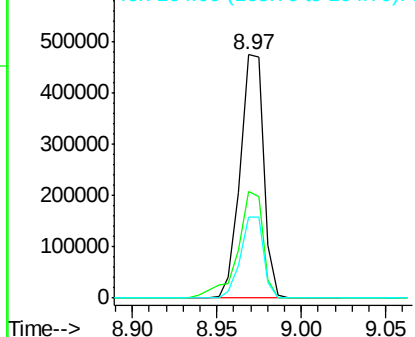


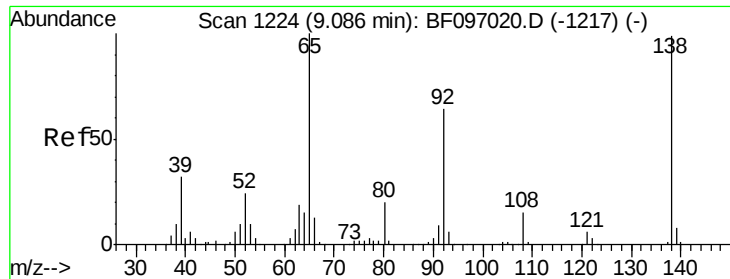
#46
 2-Chloronaphthalene
 Concen: 42.70 ng
 RT: 8.97 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF097184.D
 Acq: 29 Jul 2017 5:47

Tgt Ion:162 Resp: 460382
 Ion Ratio Lower Upper
 162 100
 127 44.0 28.3 42.5#
 164 33.5 27.0 40.4



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

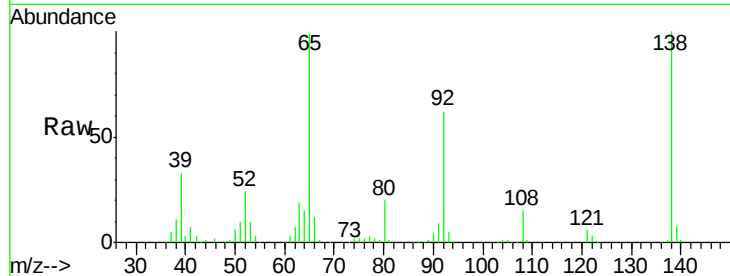




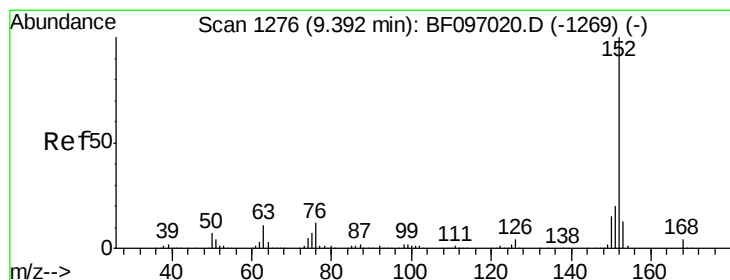
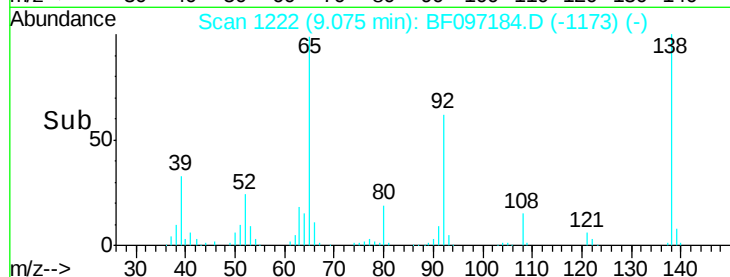
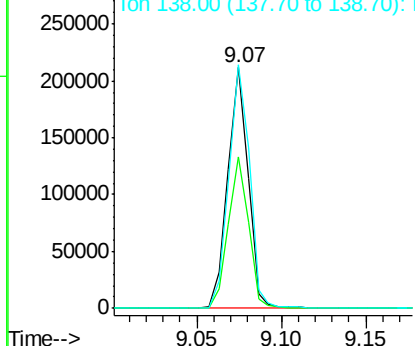
#47
2-Nitroaniline
Concen: 45.42 ng
RT: 9.07 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 65 Resp: 177730
Ion Ratio Lower Upper
65 100
92 63.1 53.9 80.9
138 101.1 78.8 118.2

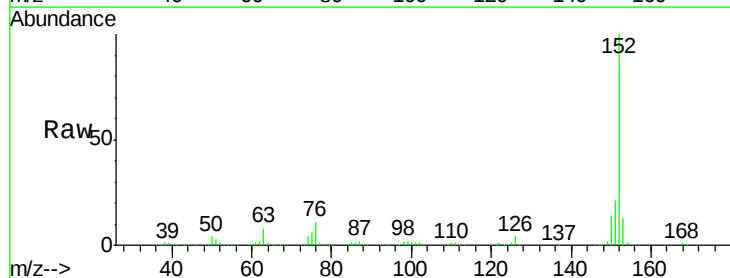


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

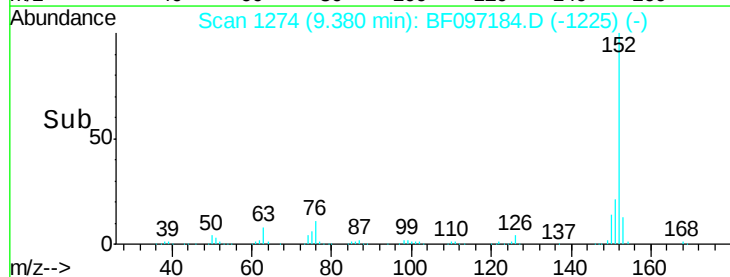
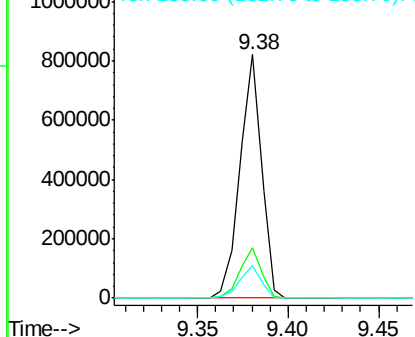


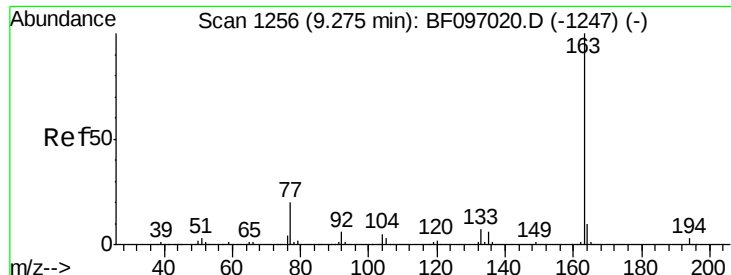
#48
Acenaphthylene
Concen: 41.19 ng
RT: 9.38 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

Tgt Ion: 152 Resp: 681722
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.3 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

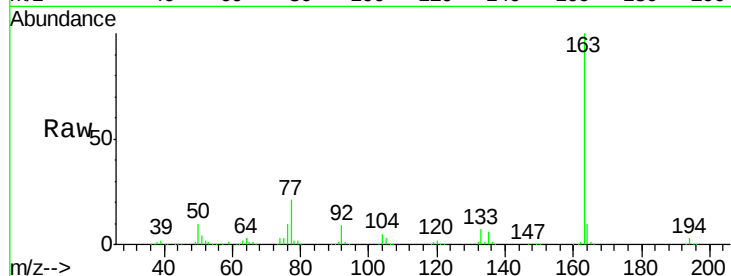




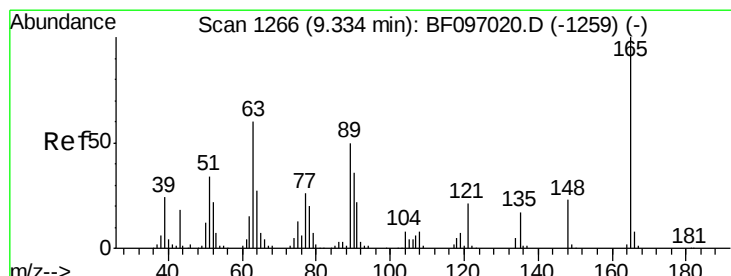
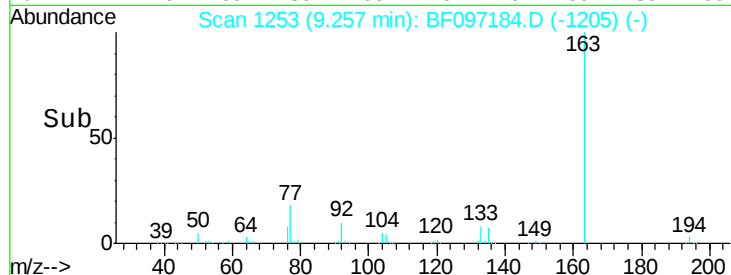
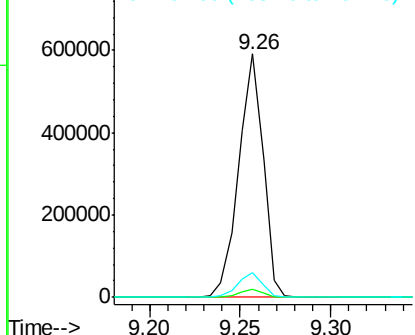
#49
Dimethylphthalate
Concen: 42.73 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.4	8.4	12.6

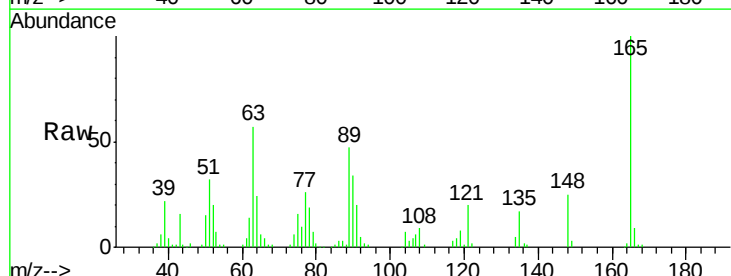


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

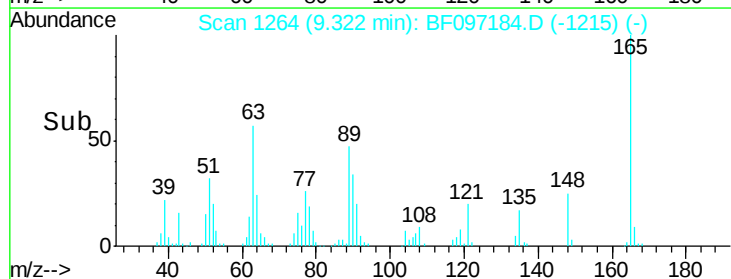
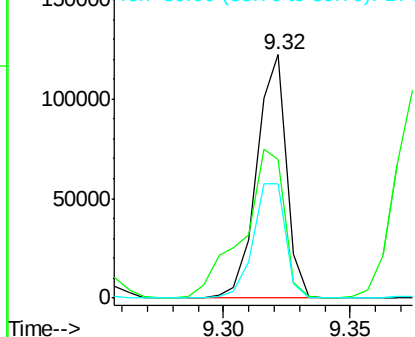


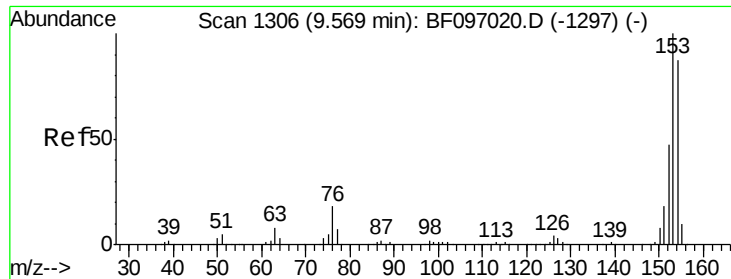
#50
2,6-Dinitrotoluene
Concen: 36.04 ng
RT: 9.32 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.8	34.3	51.5#
89	47.0	37.1	55.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

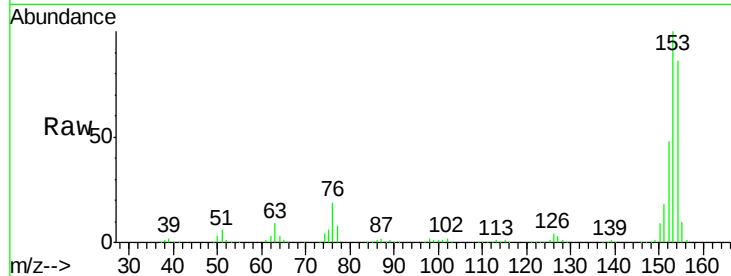




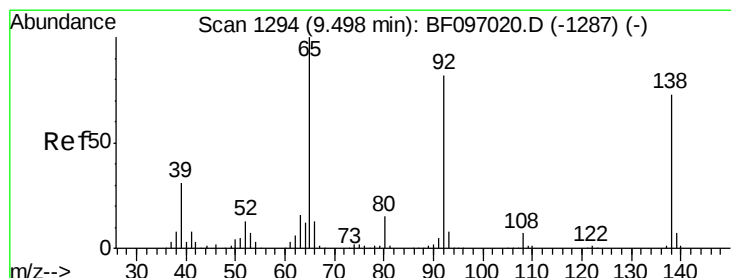
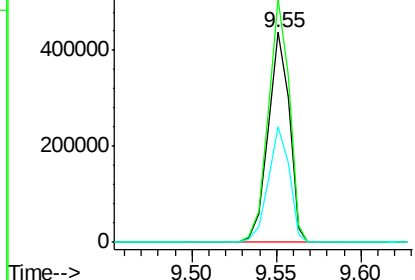
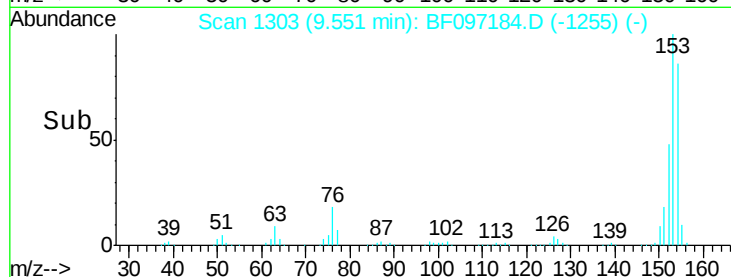
#51
Acenaphthene
Concen: 38.79 ng
RT: 9.55 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:154 Resp: 378180
Ion Ratio Lower Upper
154 100
153 116.0 90.5 135.7
152 55.3 43.6 65.4

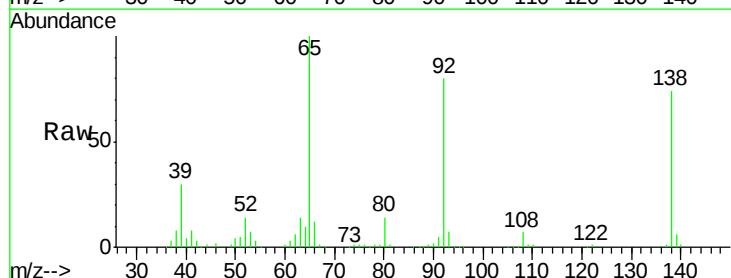


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

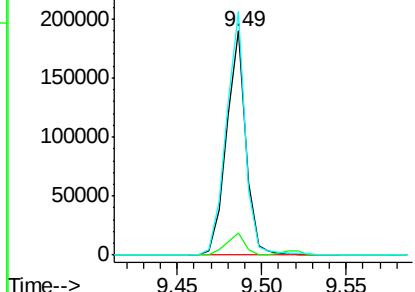
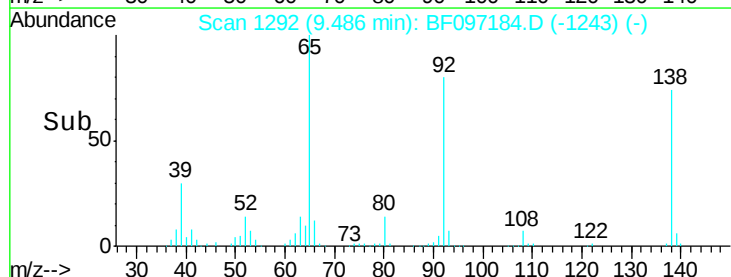


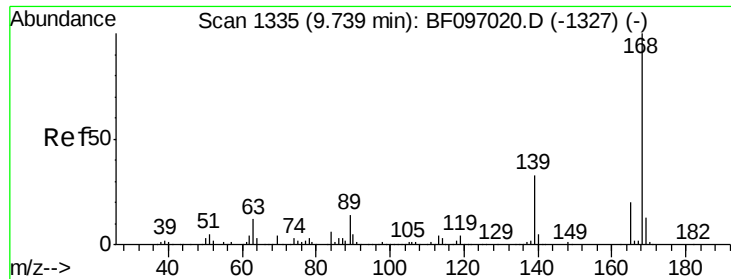
#52
3-Nitroaniline
Concen: 44.07 ng
RT: 9.49 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

Tgt Ion:138 Resp: 151121
Ion Ratio Lower Upper
138 100
108 9.7 9.1 13.7
92 108.7 93.8 140.6



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

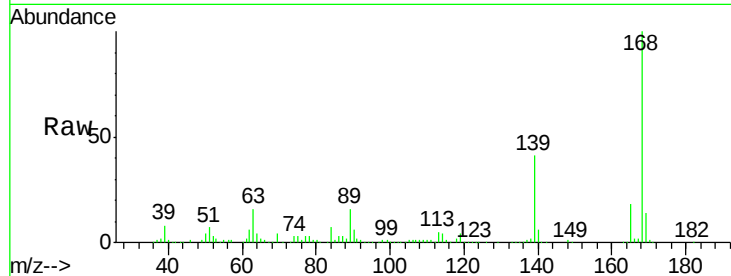




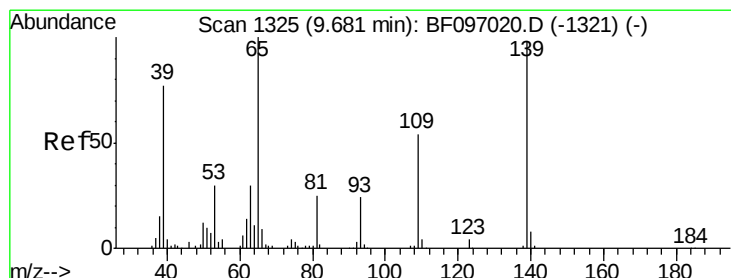
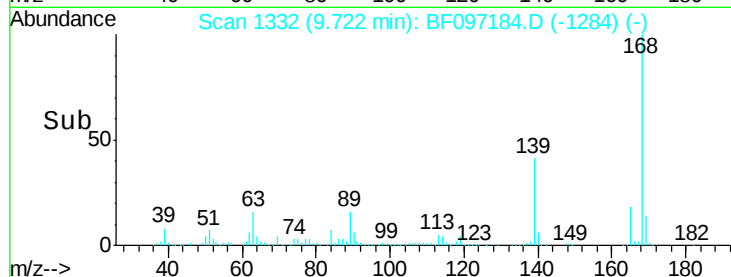
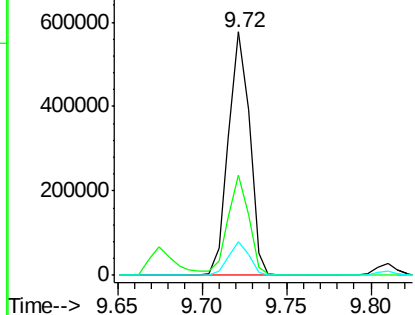
#54
Dibenzenofuran
Concen: 38.72 ng
RT: 9.72 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.2	30.6	45.8
169	13.8	10.8	16.2

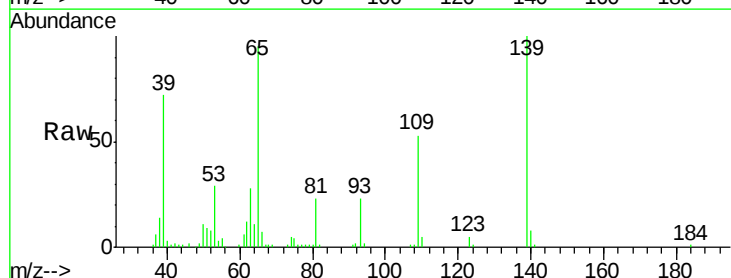


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

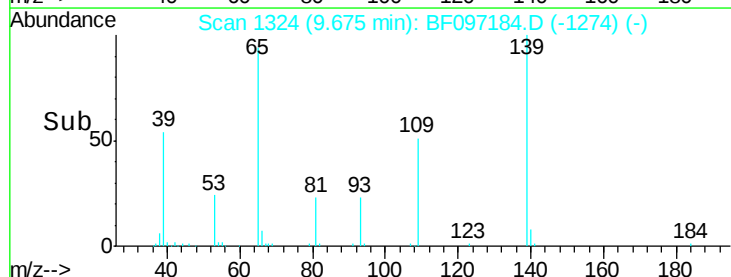
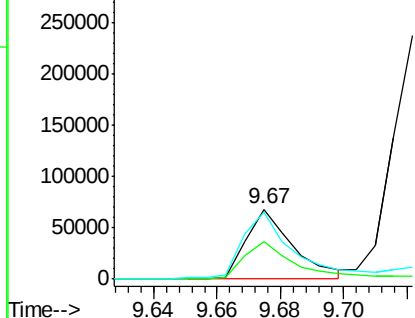


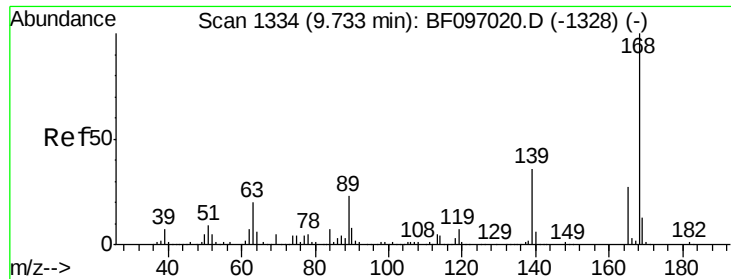
#55
4-Nitrophenol
Concen: 34.19 ng
RT: 9.67 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	52.9	34.1	74.1
65	94.9	31.4	71.4#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

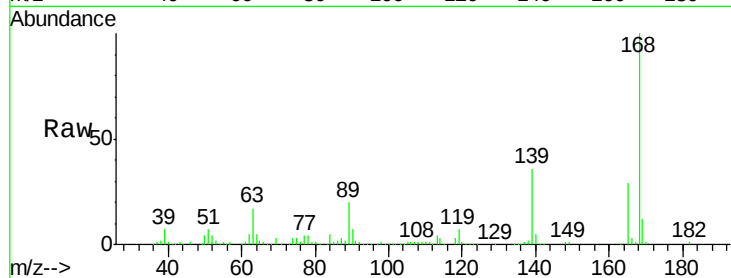




#56
 2,4-Dinitrotoluene
 Concen: 32.85 ng
 RT: 9.73 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF097184.D
 Acq: 29 Jul 2017 5:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.8	25.4	38.0#
89	67.6	46.4	69.6
182	2.0	1.8	2.6

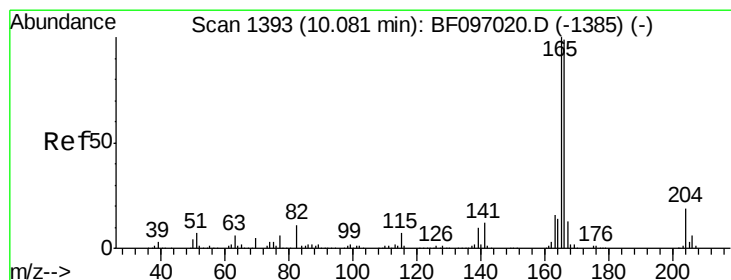
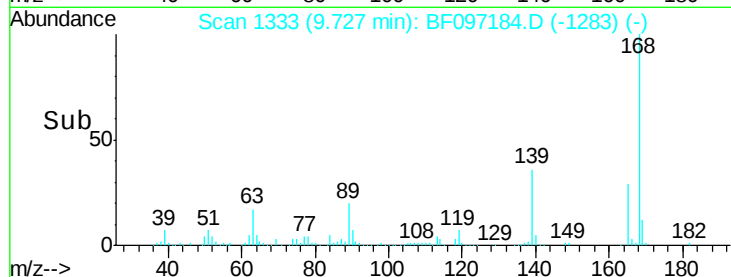
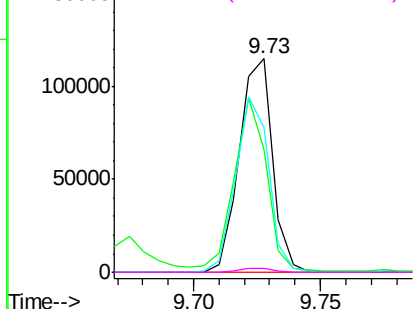


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

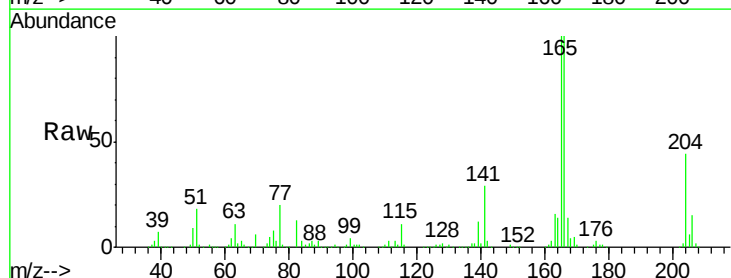
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
 Fluorene
 Concen: 41.77 ng
 RT: 10.06 min Scan# 1390
 Delta R.T. -0.02 min
 Lab File: BF097184.D
 Acq: 29 Jul 2017 5:47

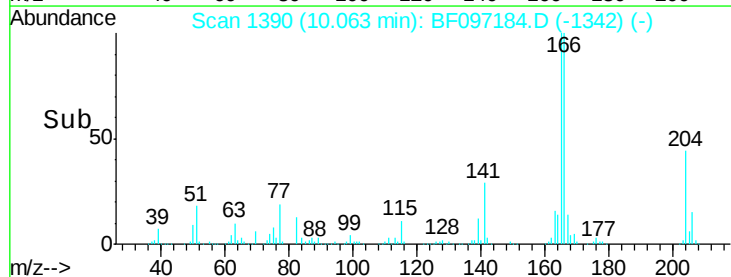
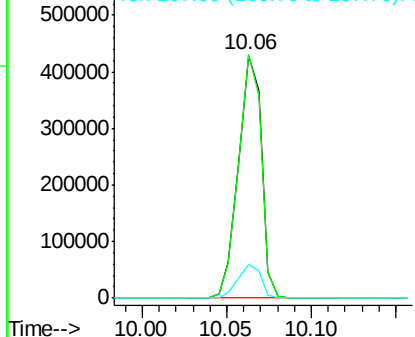
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.8	118.2
167	13.7	10.6	16.0

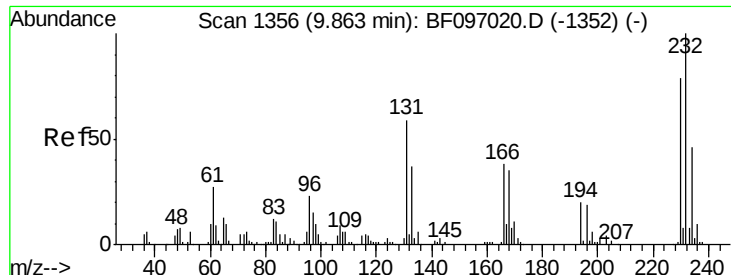


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

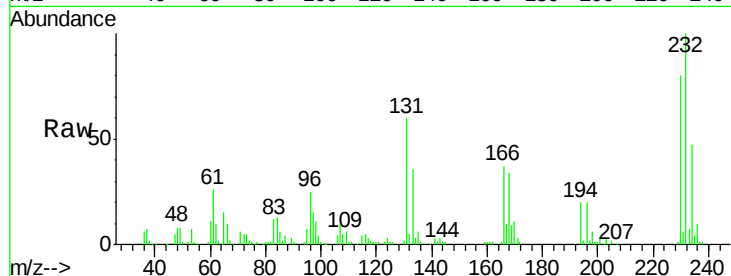




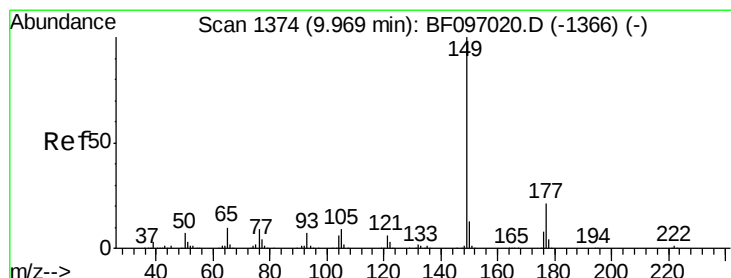
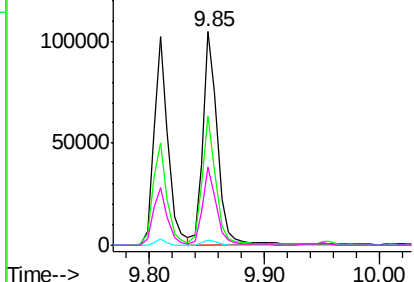
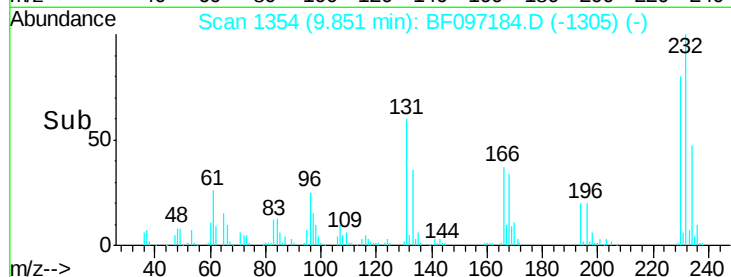
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.76 ng
 RT: 9.85 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF097184.D
 Acq: 29 Jul 2017 5:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	93435
Ion	Ratio	Lower	Upper
232	100		
131	58.5	44.8	67.2
130	2.5	2.3	3.5
166	35.6	29.0	43.4

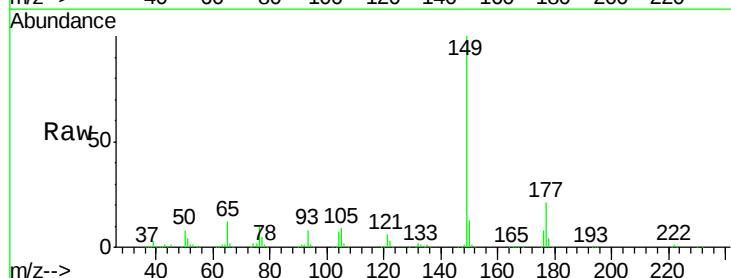


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

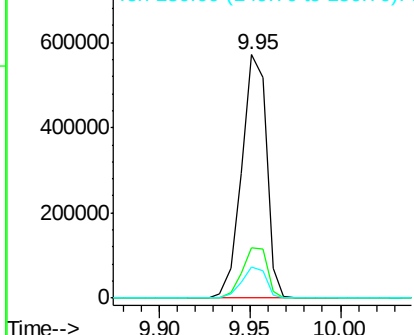
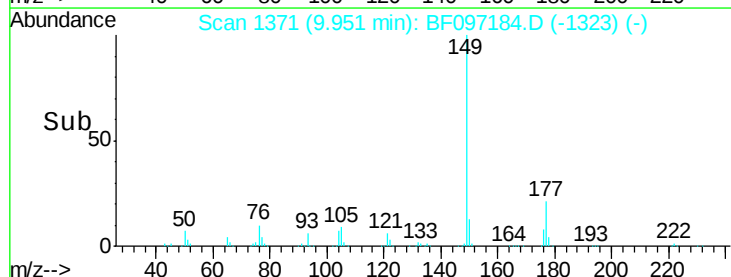


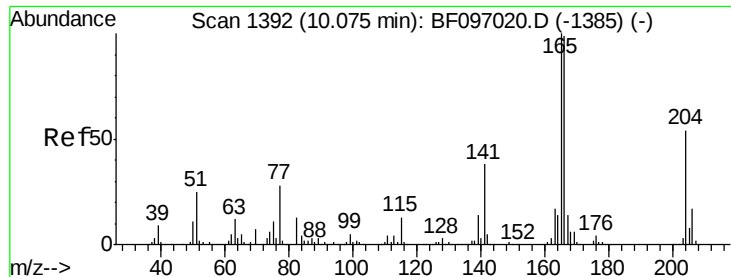
#59
 Diethylphthalate
 Concen: 45.49 ng
 RT: 9.95 min Scan# 1371
 Delta R.T. -0.02 min
 Lab File: BF097184.D
 Acq: 29 Jul 2017 5:47

Tgt Ion:	149	Resp:	543604
Ion	Ratio	Lower	Upper
149	100		
177	20.9	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

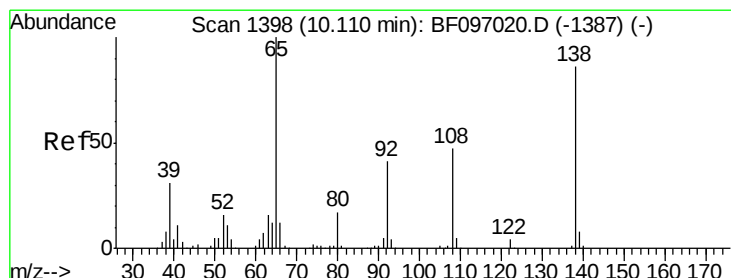
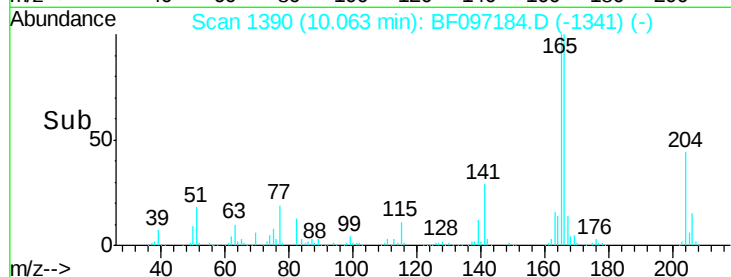
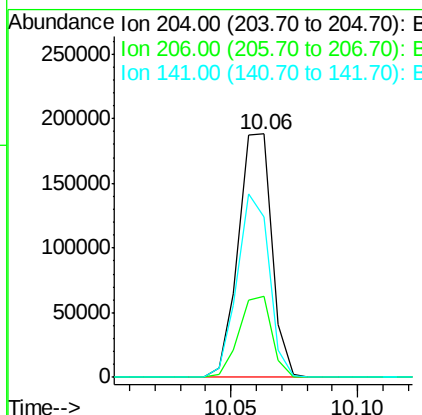
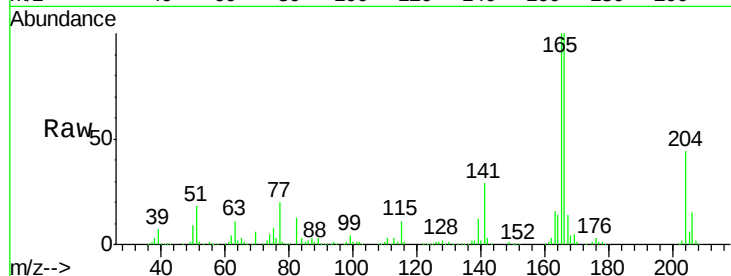




#60
4-Chlorophenyl-phenylether
Concen: 43.04 ng
RT: 10.06 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

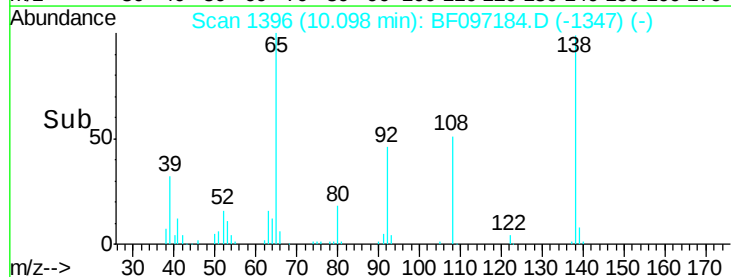
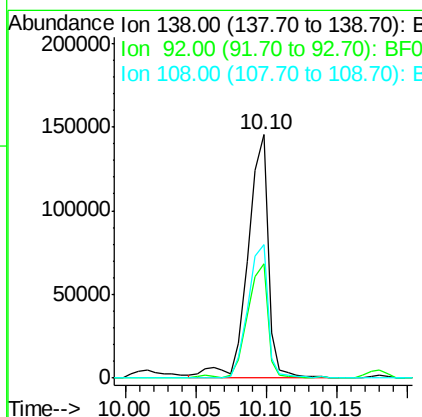
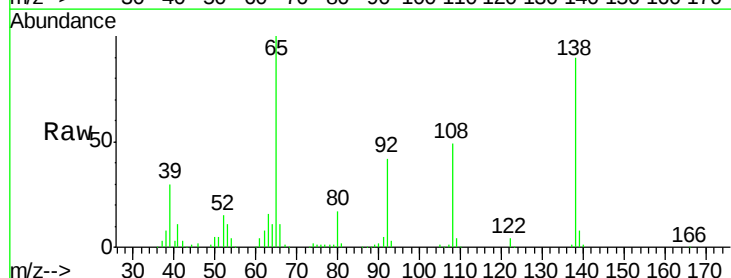
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

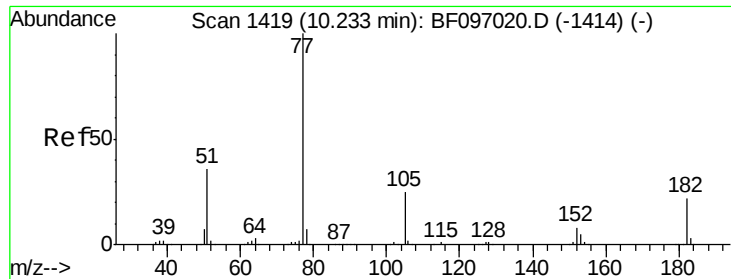
Tot Ion:204 Resp: 173454
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.2
141 66.1 60.8 91.2



#61
4-Nitroaniline
Concen: 45.23 ng
RT: 10.10 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

Tgt Ion:138 Resp: 147386
Ion Ratio Lower Upper
138 100
92 46.9 21.8 61.8
108 54.8 42.3 82.3





#62

Azobenzene

Concen: 37.37 ng

RT: 10.22 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 414359

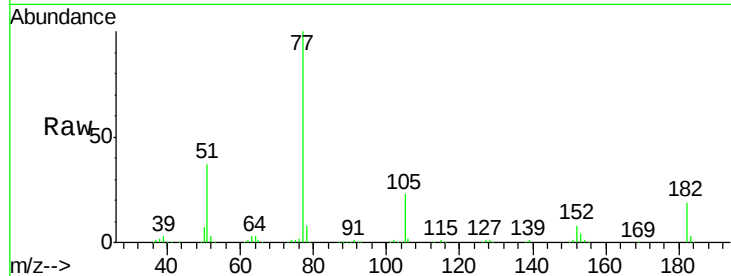
Ion Ratio Lower Upper

77 100

182 18.9 0.1 40.1

105 23.0 3.6 43.6

51 37.2 9.4 49.4

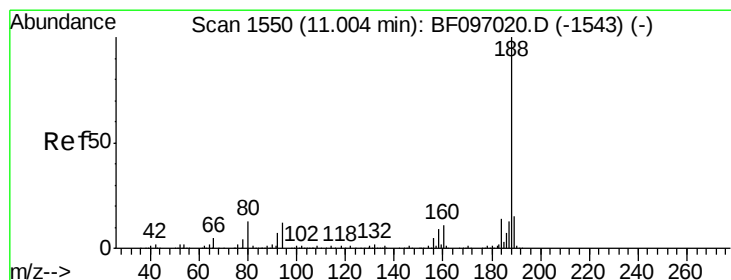
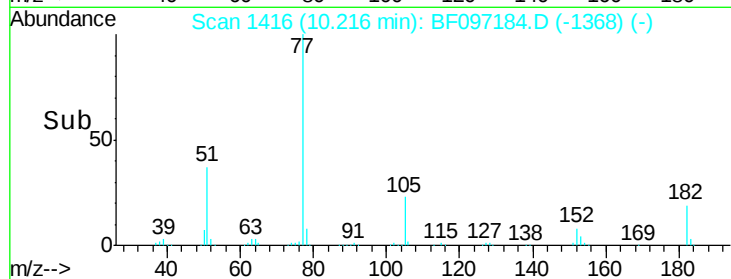
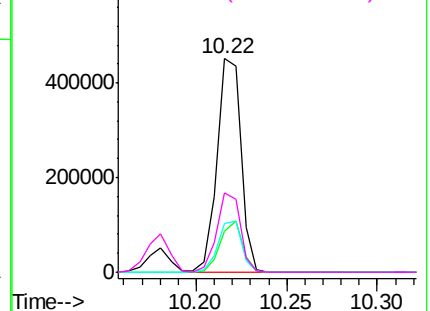


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.99 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

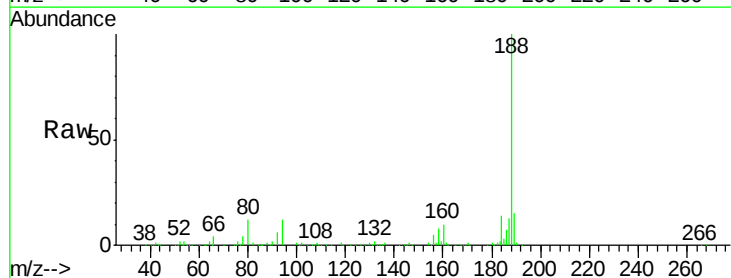
Tgt Ion: 188 Resp: 274927

Ion Ratio Lower Upper

188 100

94 11.7 9.4 14.2

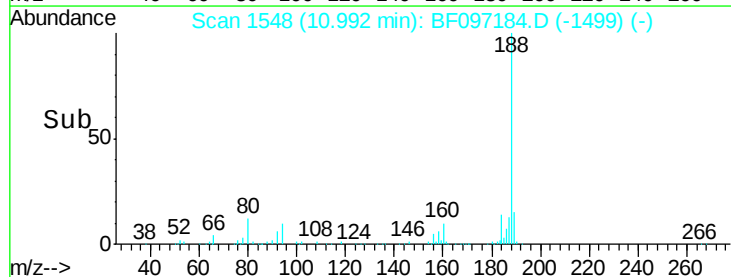
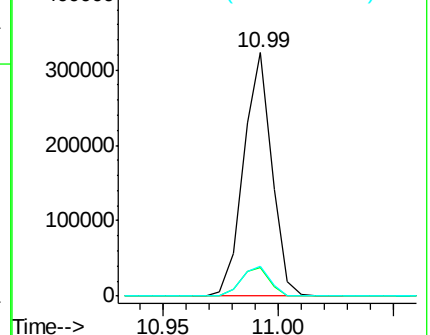
80 12.4 10.2 15.2

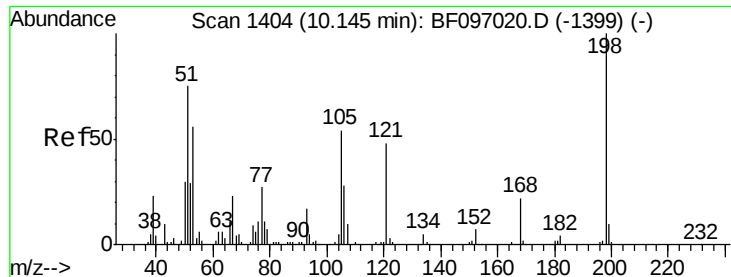


Abundance Ion 188.00 (187.70 to 188.70): BF0

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: 2.75 ng

RT: 10.14 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

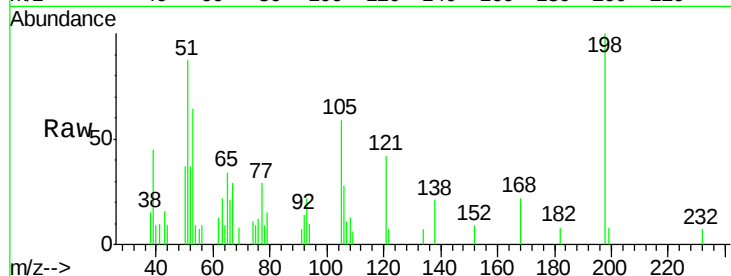
Tot Ion:198 Resp: 4692

Ion Ratio Lower Upper

198 100

51 87.4 53.2 93.2

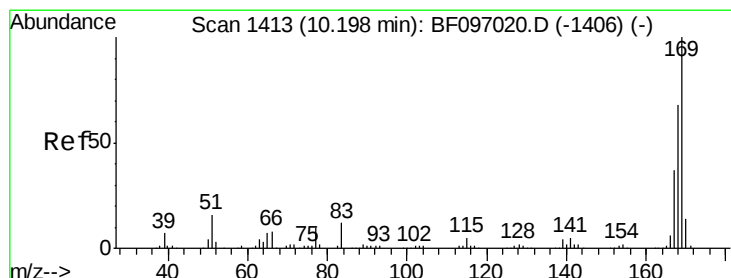
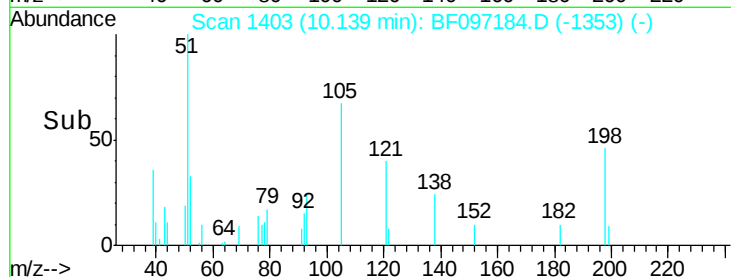
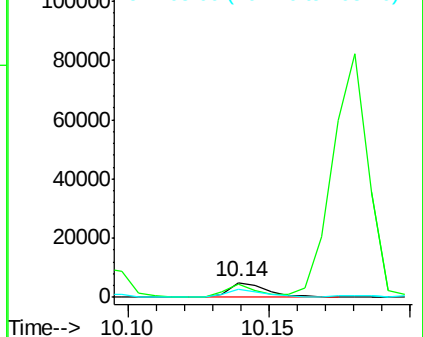
105 58.8 45.8 85.8



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: 38.88 ng

RT: 10.18 min Scan# 1410

Delta R.T. -0.02 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

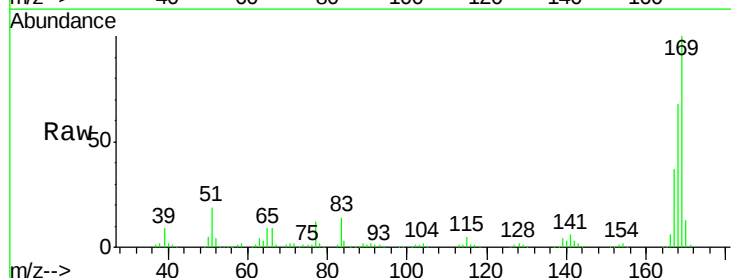
Tgt Ion:169 Resp: 371924

Ion Ratio Lower Upper

169 100

168 68.3 53.2 79.8

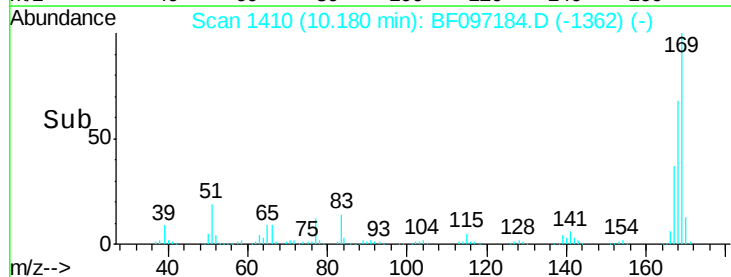
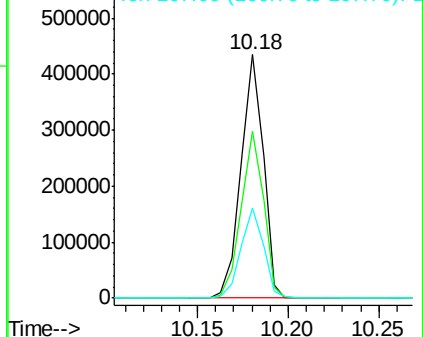
167 36.9 29.5 44.3

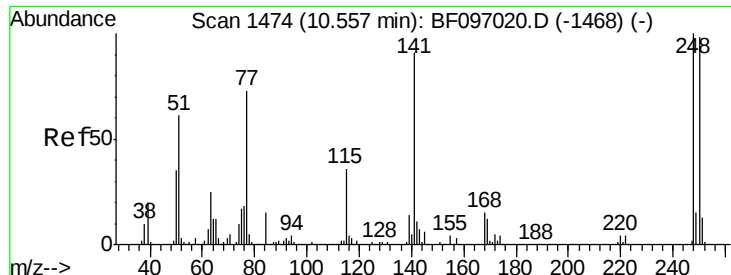


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

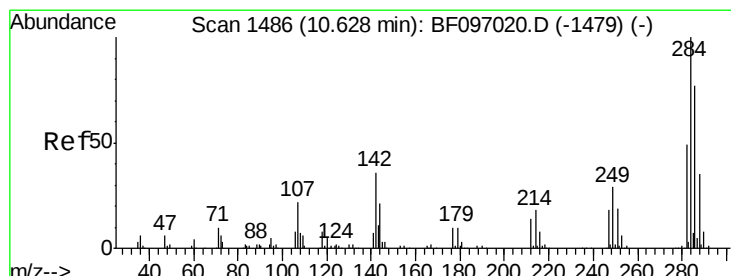
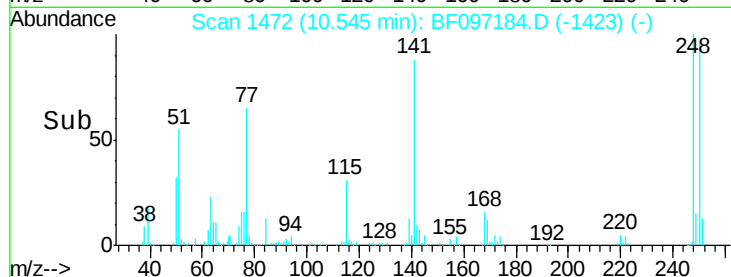
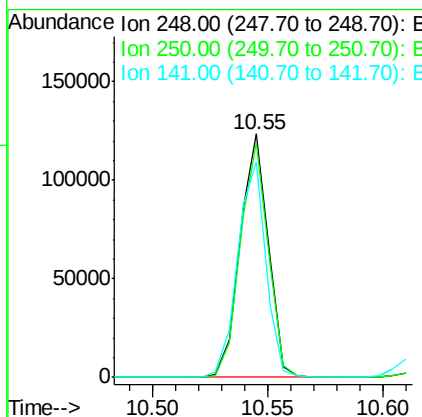
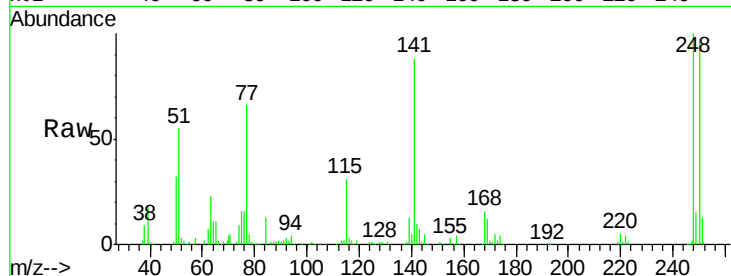




#66
4-Bromophenyl-phenylether
Concen: 38.16 ng
RT: 10.55 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

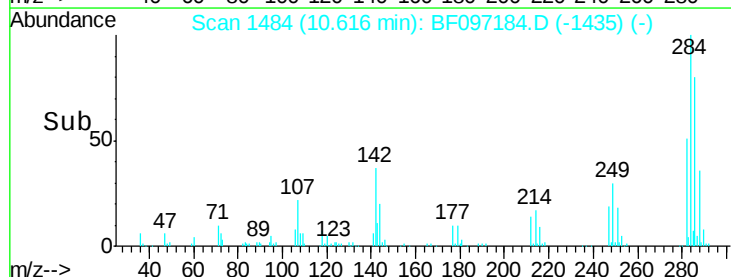
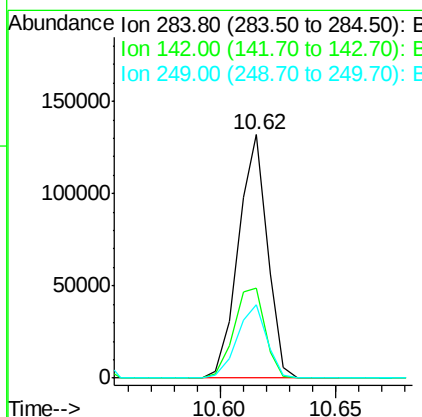
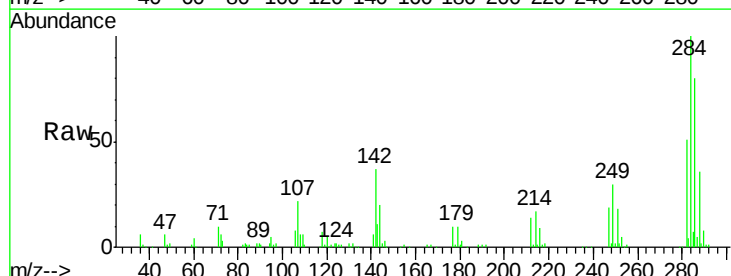
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

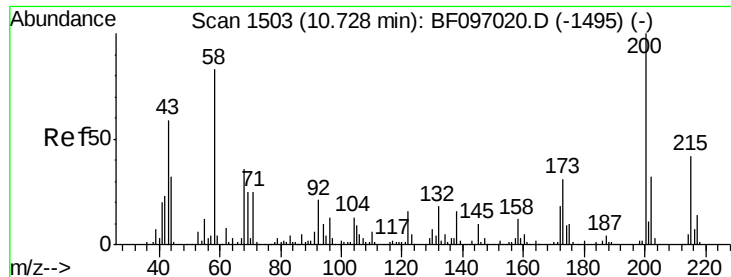
Tot Ion:248 Resp: 104697
Ion Ratio Lower Upper
248 100
250 96.4 76.8 115.2
141 88.3 68.6 103.0



#67
Hexachlorobenzene
Concen: 37.60 ng
RT: 10.62 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

Tgt Ion:284 Resp: 115683
Ion Ratio Lower Upper
284 100
142 36.8 22.8 34.2#
249 30.3 24.0 36.0

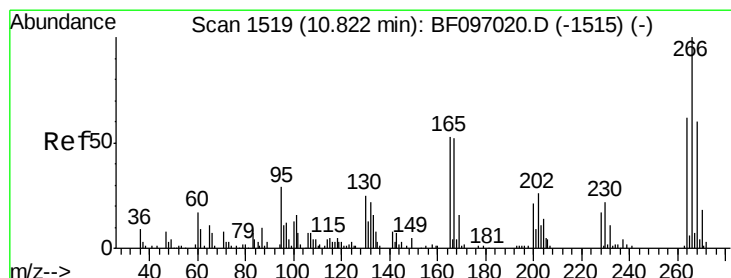
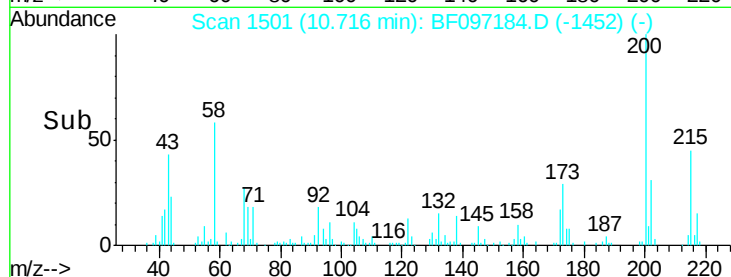
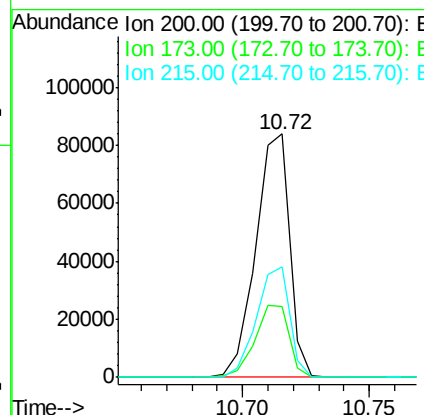
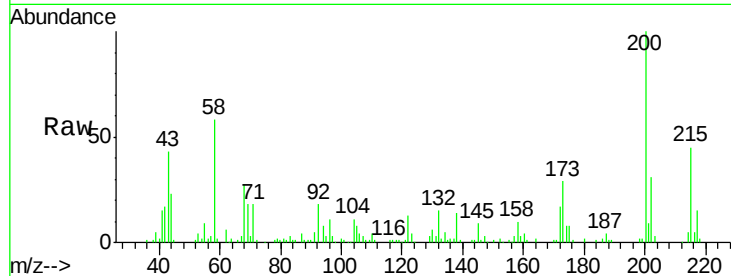




#68
 Atrazine
 Concen: 28.57 ng
 RT: 10.72 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF097184.D
 Acq: 29 Jul 2017 5:47

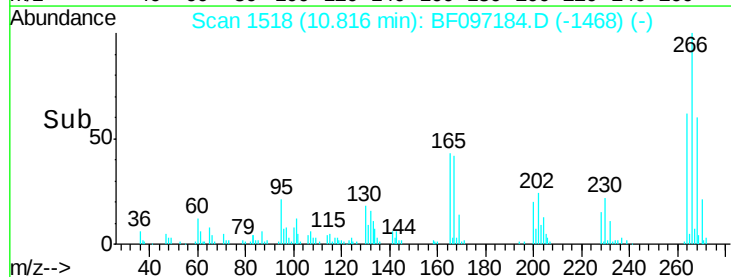
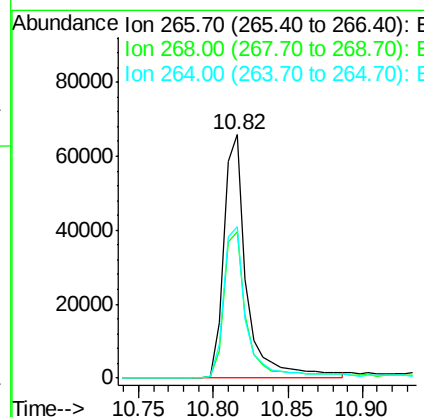
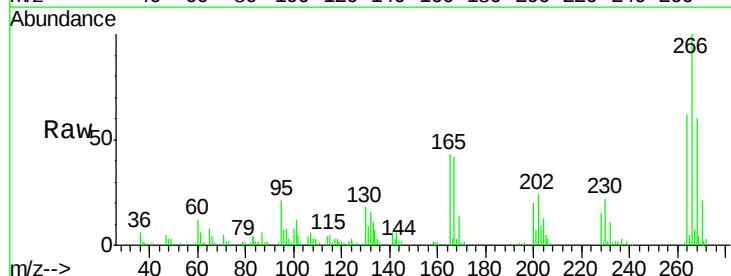
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

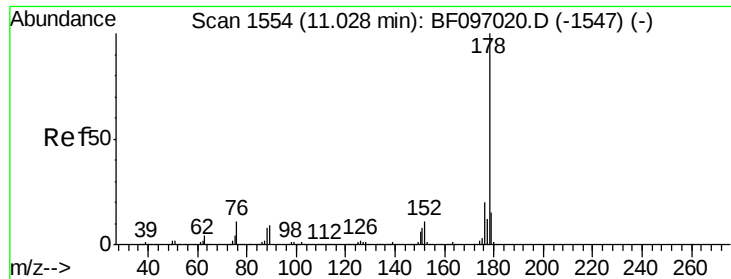
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.1	6.3	46.3
215	45.2	27.2	67.2



#69
 Pentachlorophenol
 Concen: 56.17 ng
 RT: 10.82 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF097184.D
 Acq: 29 Jul 2017 5:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.0	51.1	76.7
264	62.1	51.7	77.5





#70

Phenanthrene

Concen: 38.81 ng

RT: 11.02 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

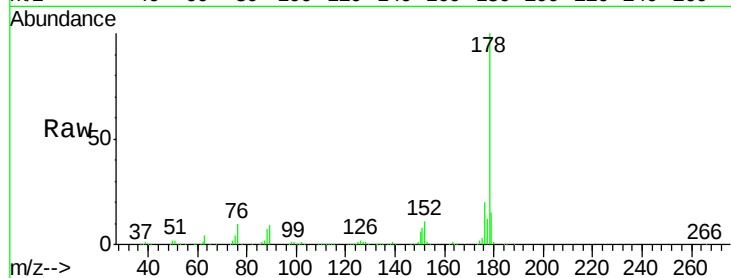
Tot Ion:178 Resp: 571658

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.4

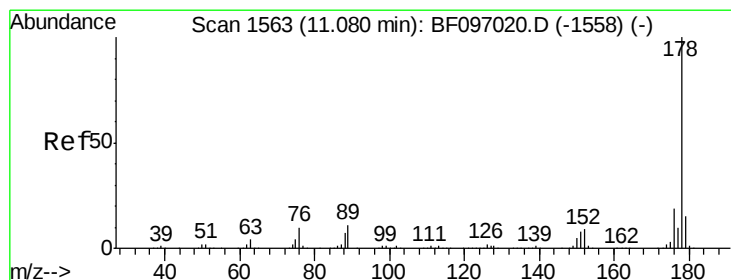
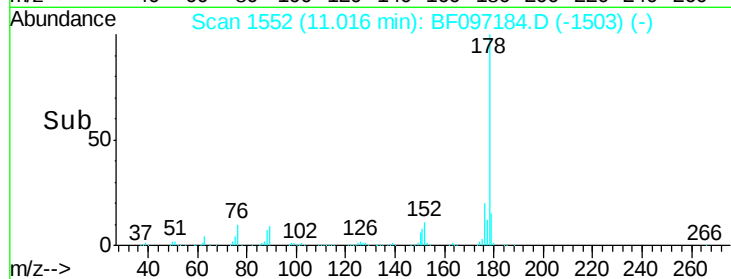
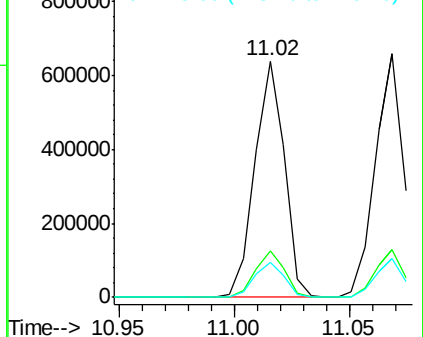
179 15.0 12.6 19.0



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: 37.19 ng

RT: 11.07 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

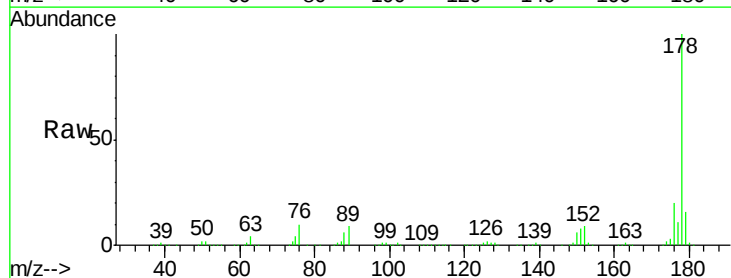
Tgt Ion:178 Resp: 561037

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

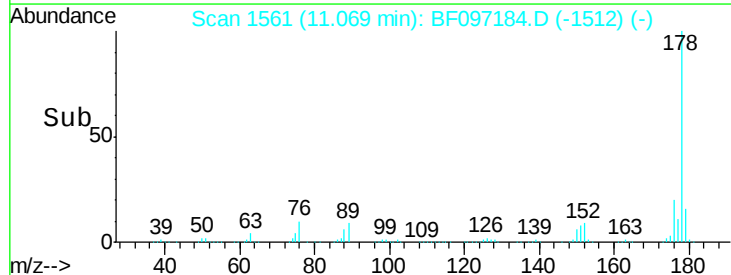
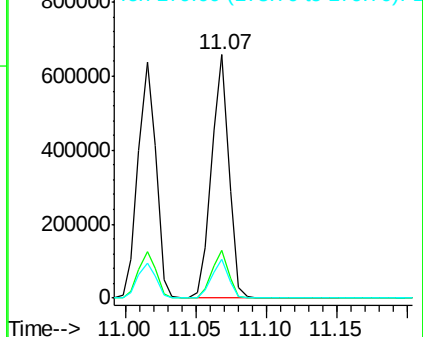
179 15.7 12.7 19.1

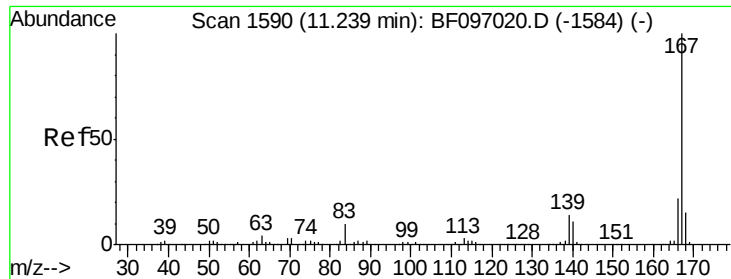


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 38.60 ng

RT: 11.23 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

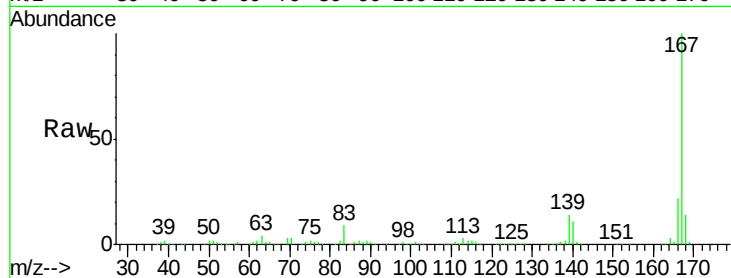
Tot Ion:167 Resp: 572713

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

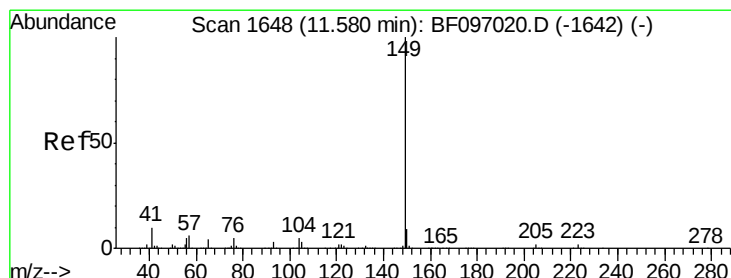
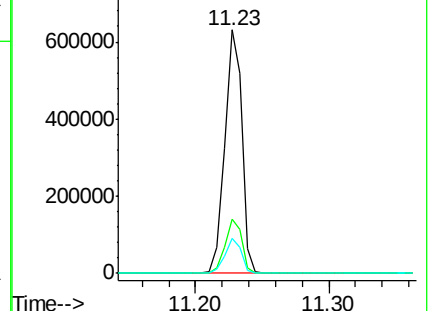
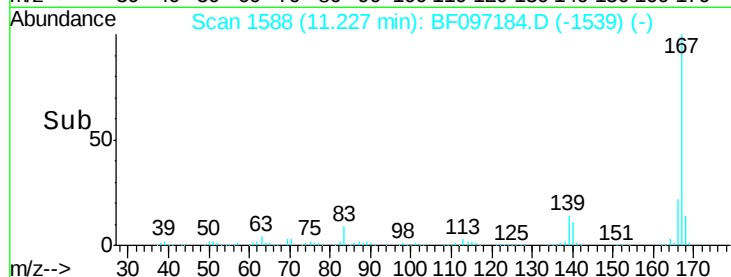
139 14.2 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 38.52 ng

RT: 11.57 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

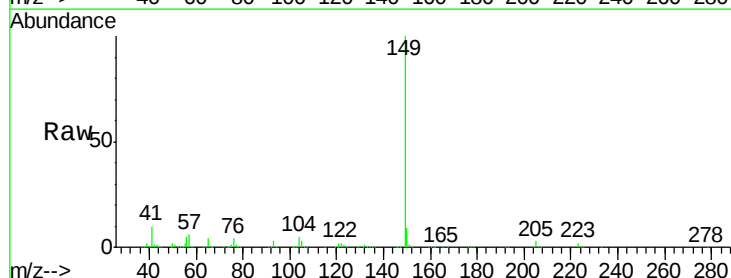
Tgt Ion:149 Resp: 706568

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

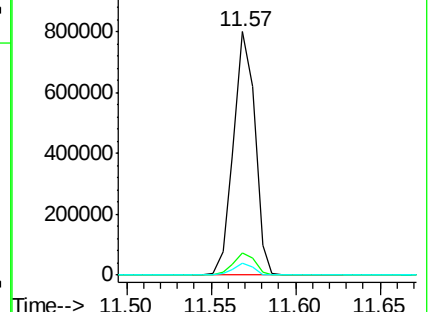
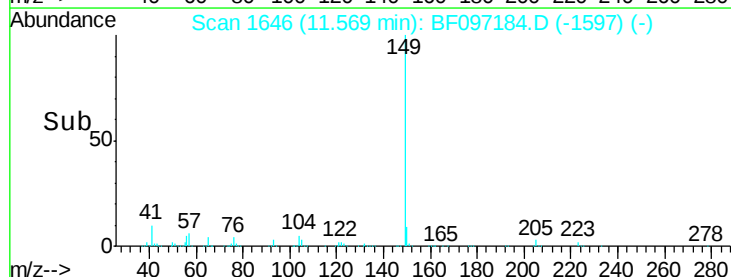
104 4.7 4.0 6.0

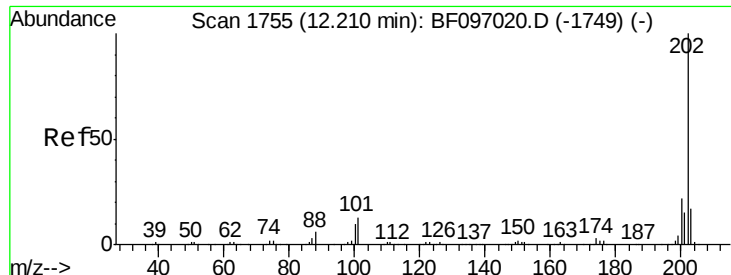


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

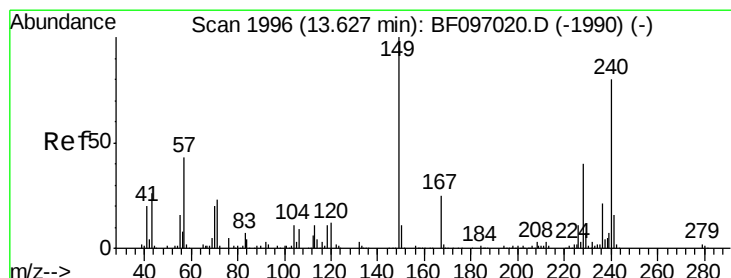
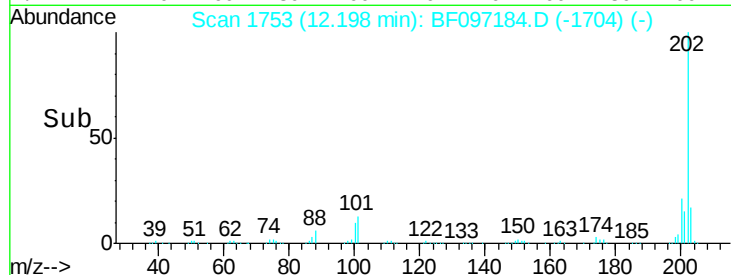
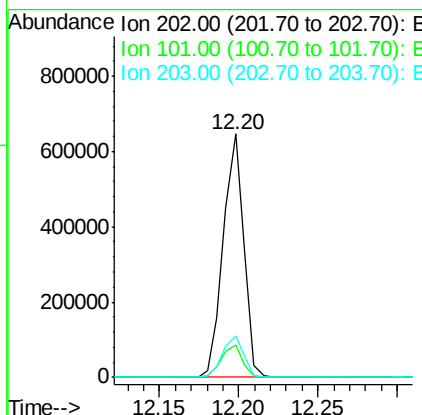
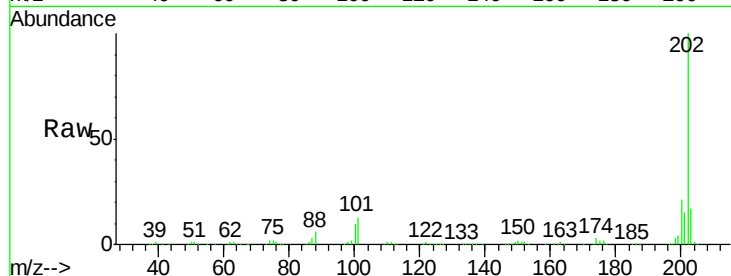




#74
 Fluoranthene
 Concen: 40.28 ng
 RT: 12.20 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BF097184.D
 Acq: 29 Jul 2017 5:47

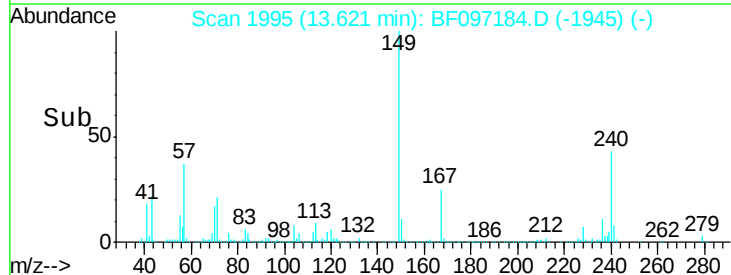
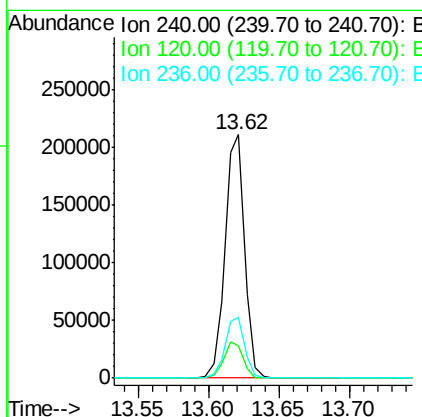
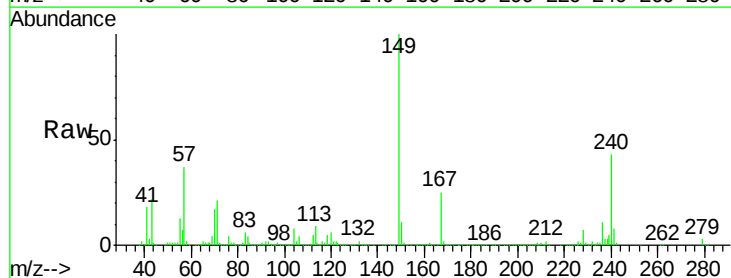
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

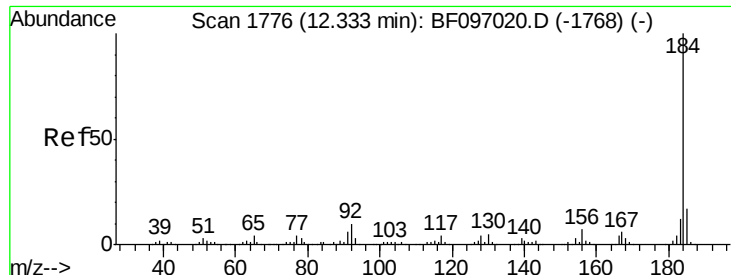
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	17.2	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.62 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF097184.D
 Acq: 29 Jul 2017 5:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	25.0	20.5	30.7

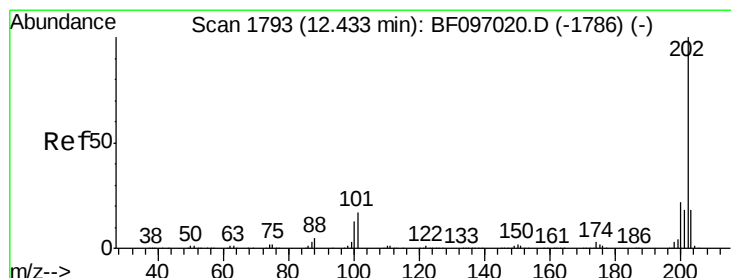
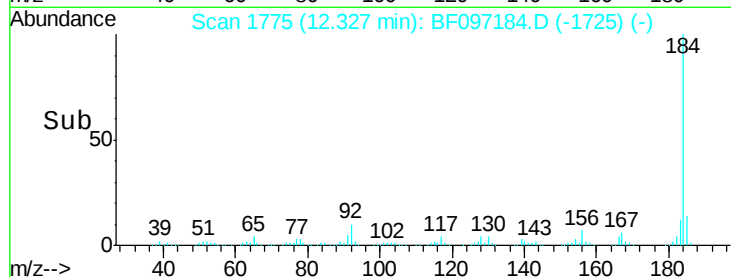
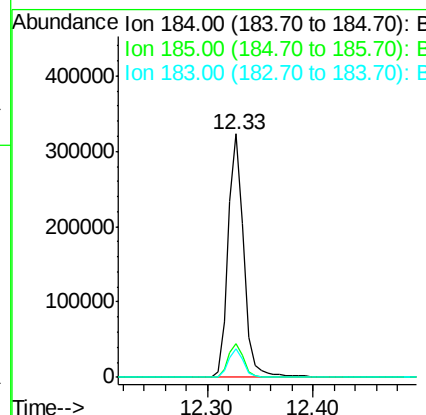
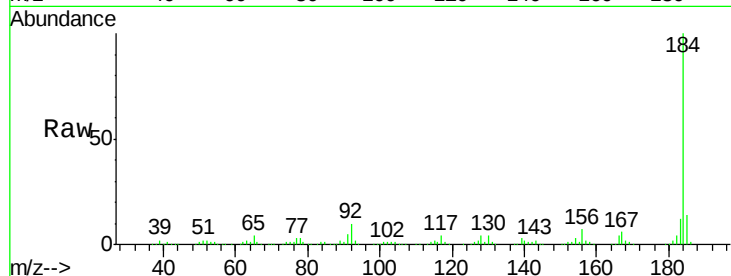




#76
Benzidine
Concen: 44.67 ng
RT: 12.33 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

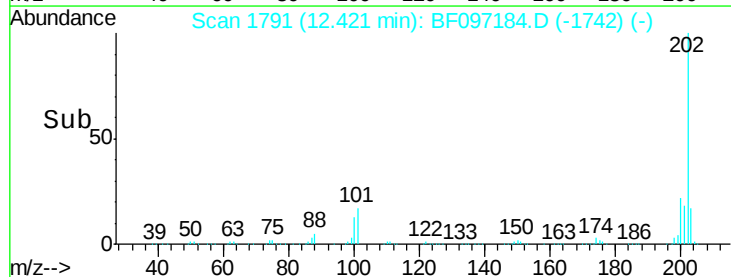
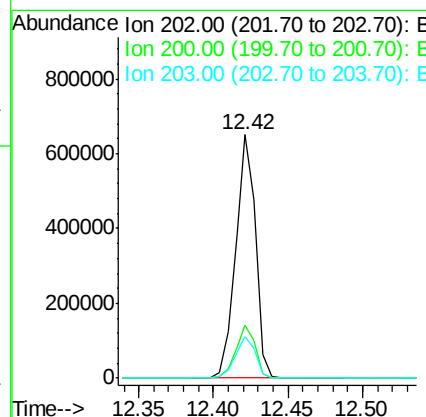
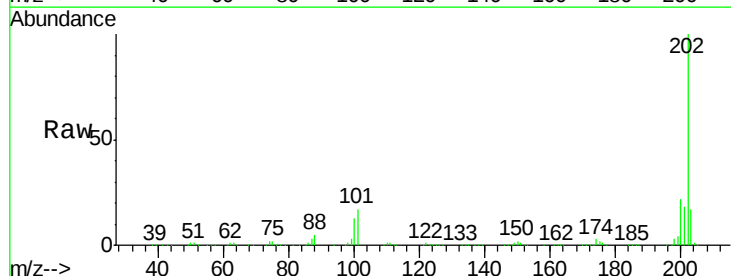
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

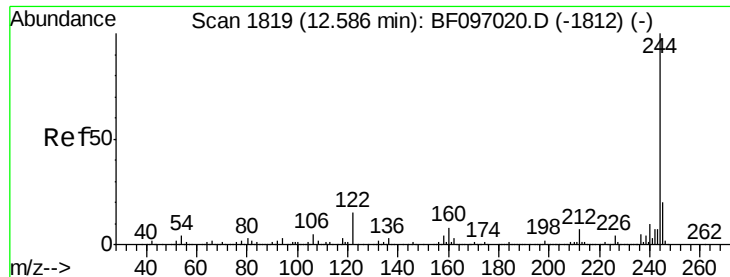
Tot Ion:184 Resp: 335339
Ion Ratio Lower Upper
184 100
185 13.9 15.5 23.3#
183 12.0 9.8 14.6



#77
Pyrene
Concen: 36.81 ng
RT: 12.42 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

Tgt Ion:202 Resp: 609709
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 17.2 14.4 21.6

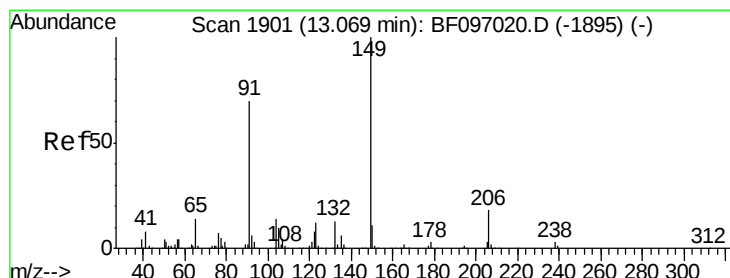
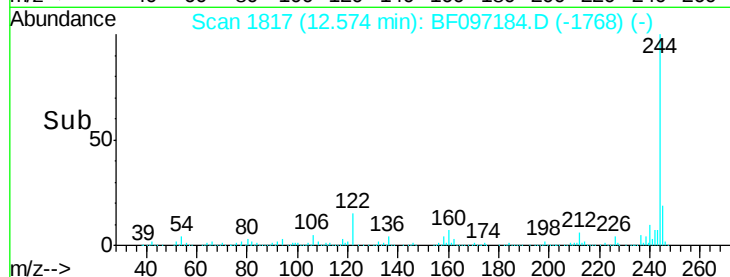
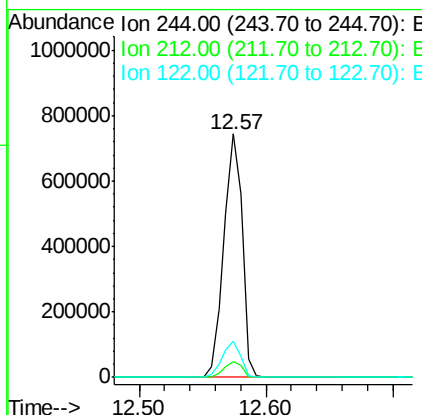
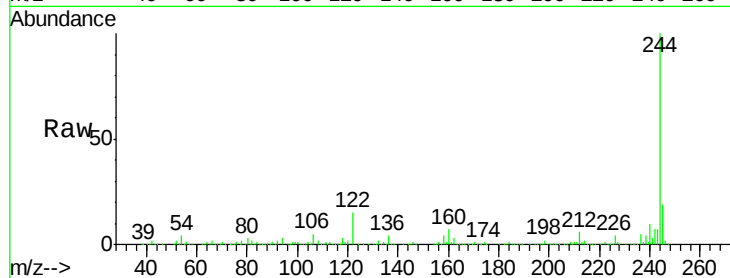




#78
 Terphenyl-d14
 Concen: 75.20 ng
 RT: 12.57 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF097184.D
 Acq: 29 Jul 2017 5:47

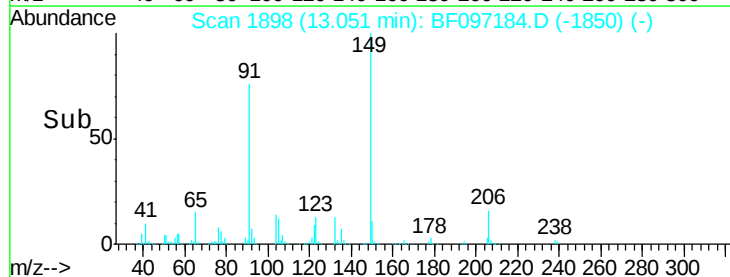
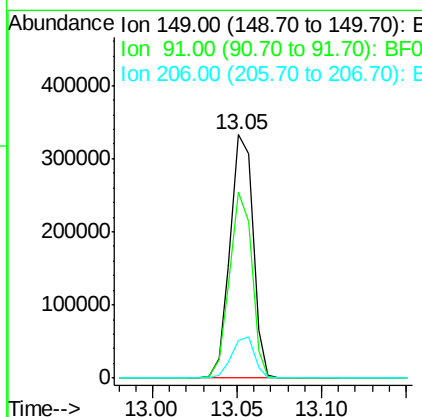
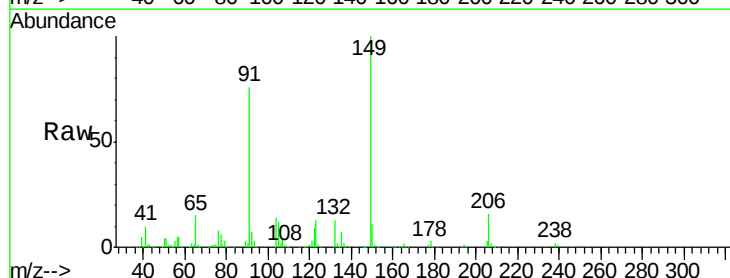
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

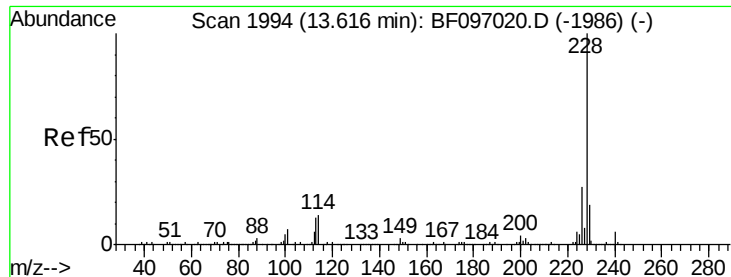
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	14.9	10.3	15.5



#79
 Butylbenzylphthalate
 Concen: 37.24 ng
 RT: 13.05 min Scan# 1898
 Delta R.T. -0.02 min
 Lab File: BF097184.D
 Acq: 29 Jul 2017 5:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.4	45.0	67.4#
206	15.6	17.0	25.6#





#80

Benzo(a)anthracene

Concen: 38.77 ng

RT: 13.61 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

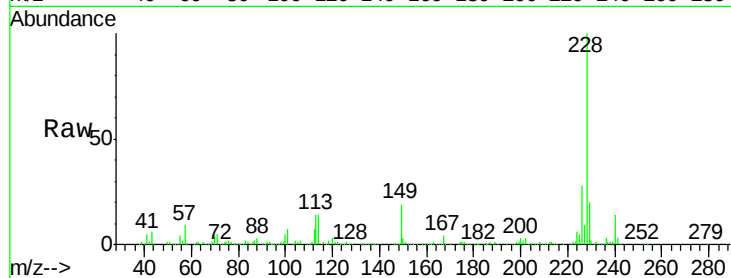
Tot Ion:228 Resp: 507609

Ion Ratio Lower Upper

228 100

226 28.5 22.6 33.8

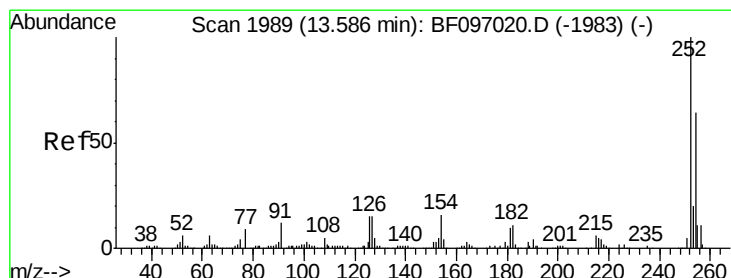
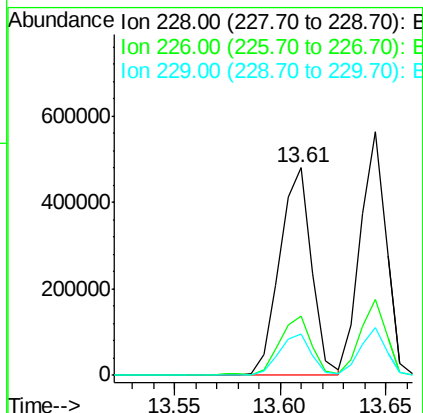
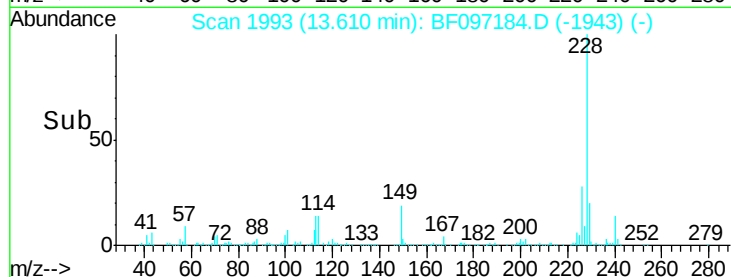
229 19.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 44.97 ng

RT: 13.57 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

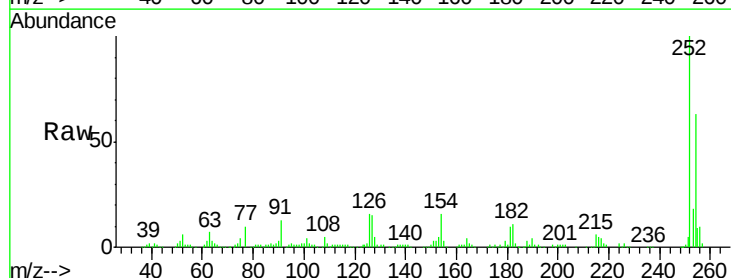
Tgt Ion:252 Resp: 222032

Ion Ratio Lower Upper

252 100

254 62.8 51.5 77.3

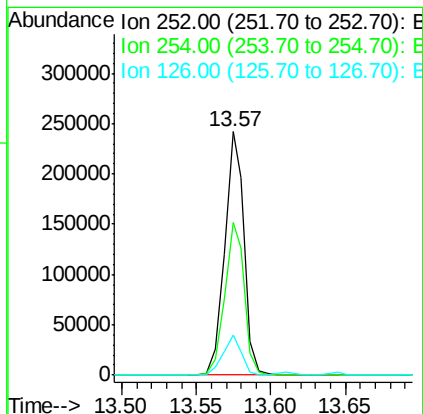
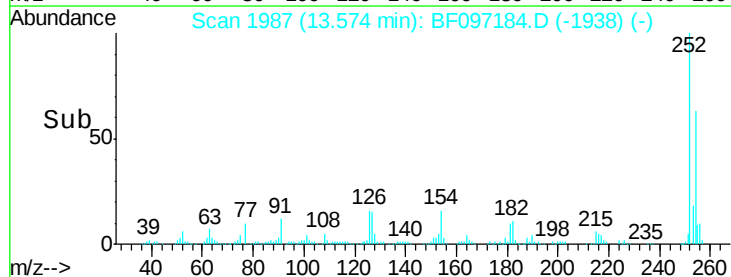
126 16.5 15.8 23.8

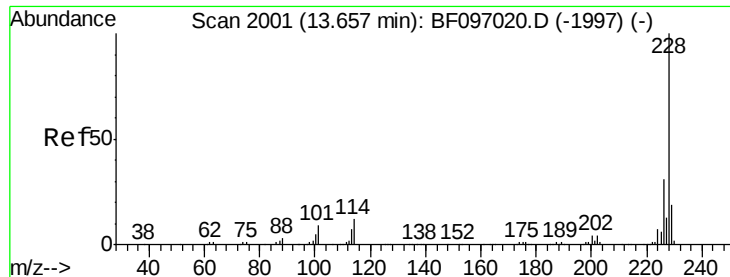


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 37.90 ng

RT: 13.64 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

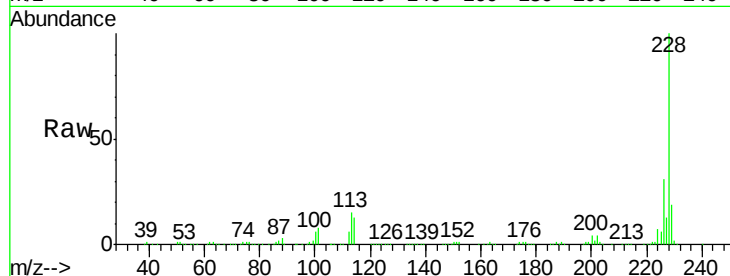
Tot Ion:228 Resp: 484512

Ion Ratio Lower Upper

228 100

226 31.0 24.9 37.3

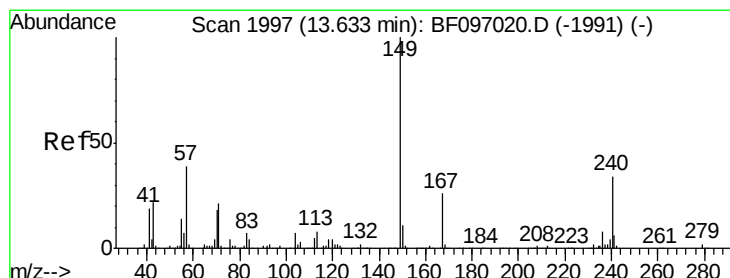
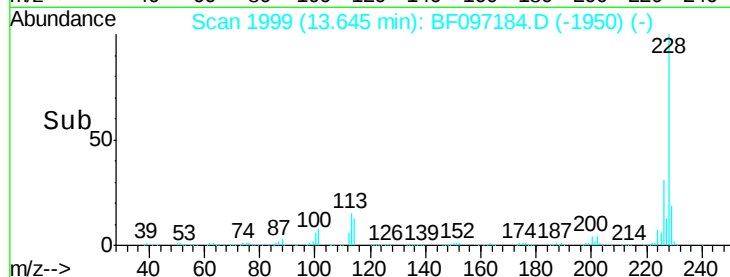
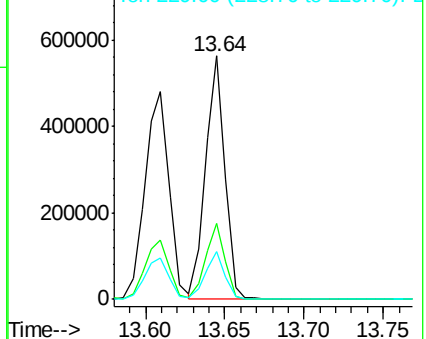
229 19.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 38.19 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097184.D

Acq: 29 Jul 2017 5:47

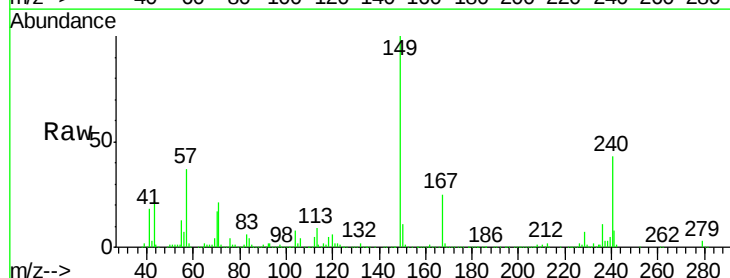
Tgt Ion:149 Resp: 420116

Ion Ratio Lower Upper

149 100

167 24.9 21.0 31.4

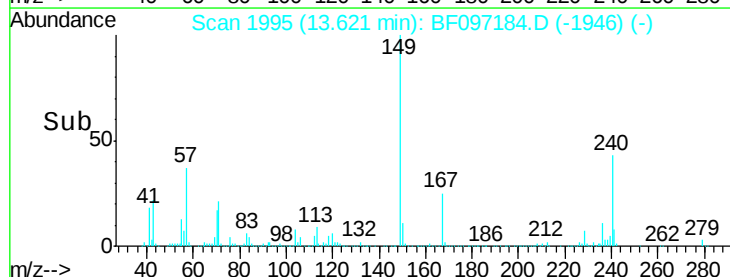
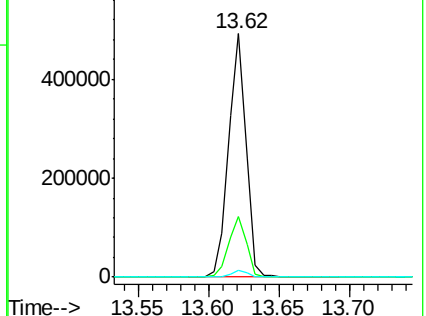
279 2.7 1.9 2.9

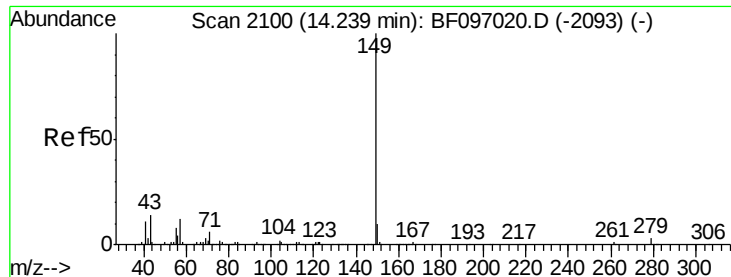


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

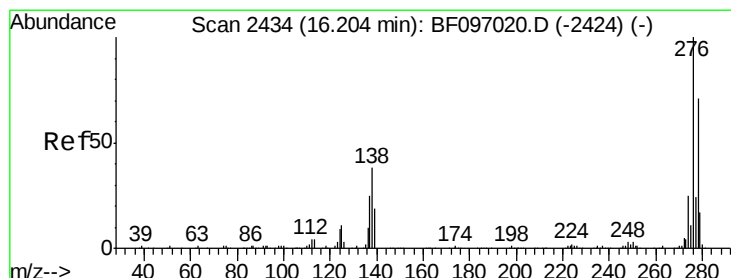
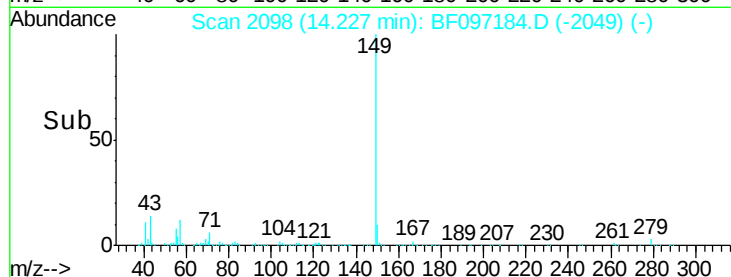
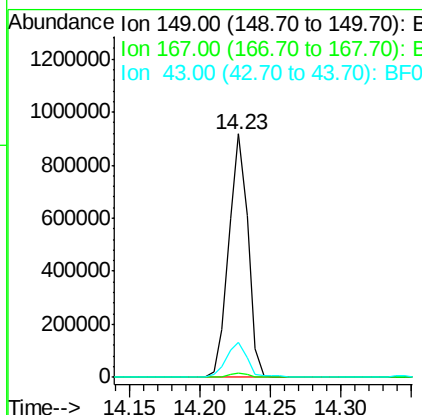
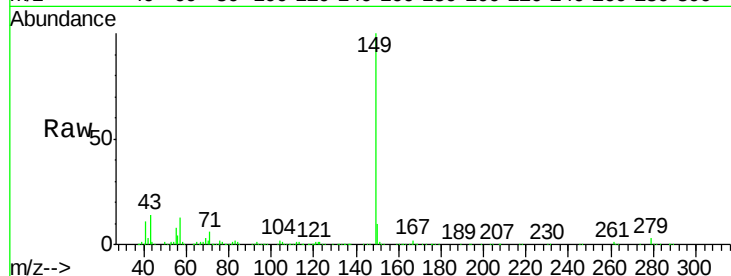




#84
Di-n-octyl phthalate
Concen: 42.96 ng
RT: 14.23 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

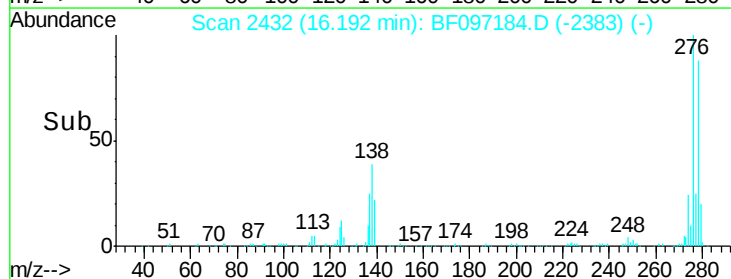
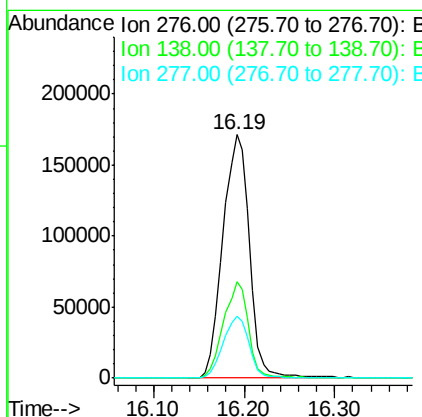
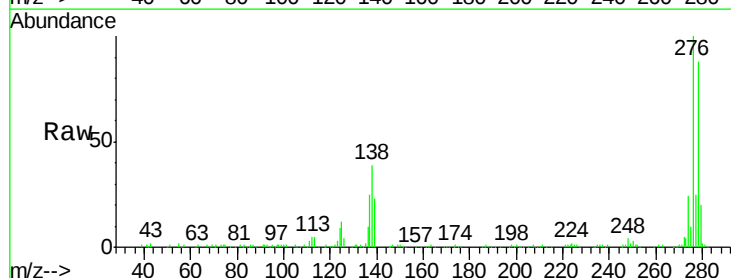
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

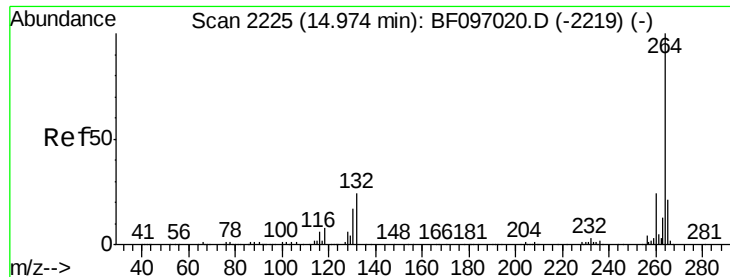
Tot Ion:149 Resp: 867416
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 15.2 8.5 12.7#



#85
Indeno(1,2,3-cd)pyrene
Concen: 31.93 ng
RT: 16.19 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

Tgt Ion:276 Resp: 350050
Ion Ratio Lower Upper
276 100
138 37.3 27.8 41.6
277 24.9 20.2 30.4



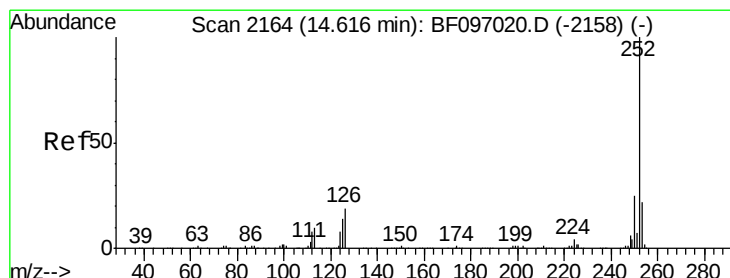
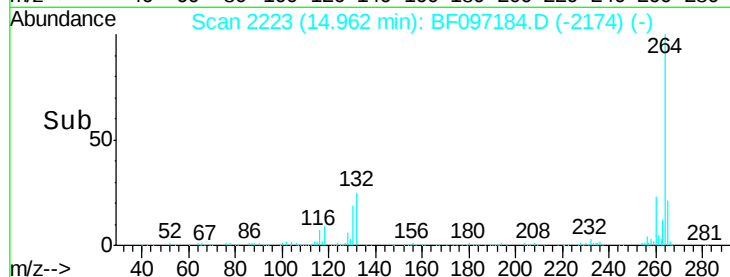
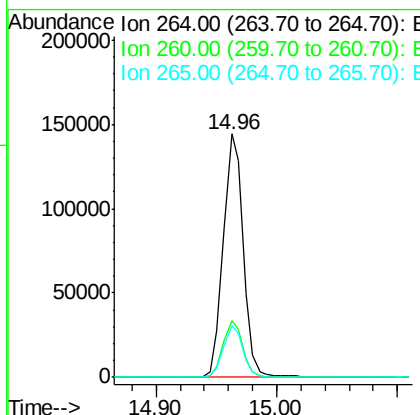
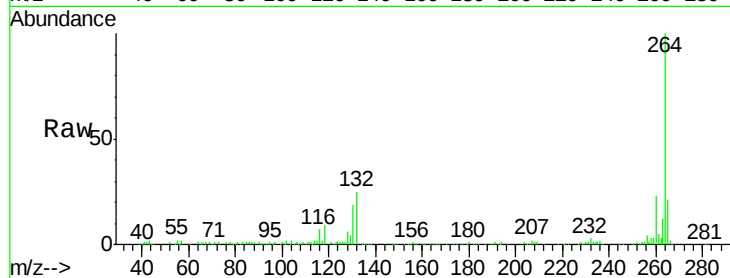


#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 164309

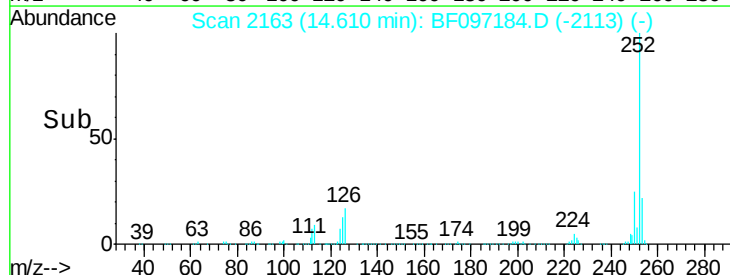
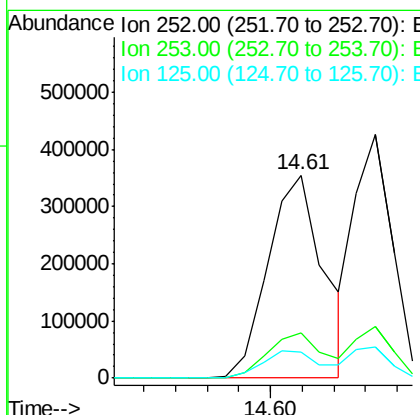
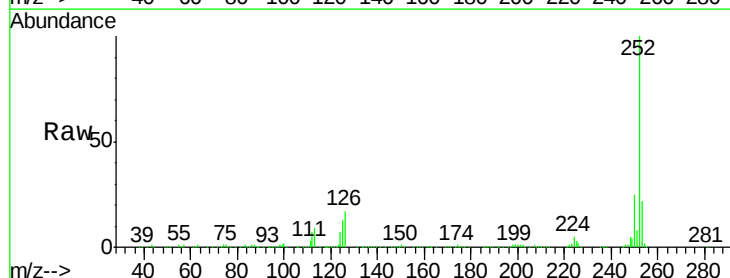
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	20.9	17.2	25.8

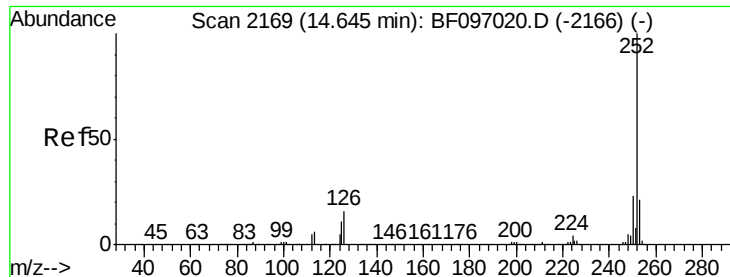


#87
Benzo(b)fluoranthene
Concen: 43.86 ng
RT: 14.61 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

Tgt Ion:252 Resp: 433219

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.7	9.8	14.8

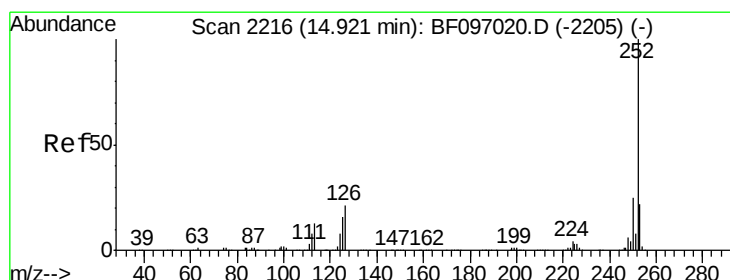
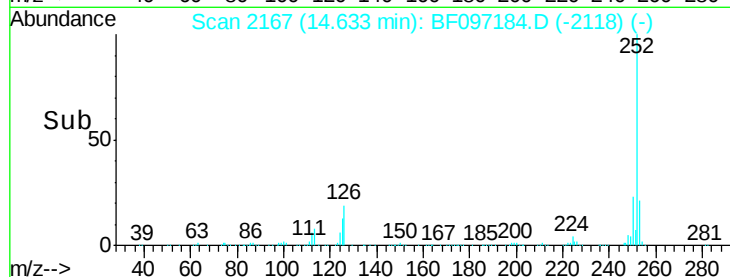
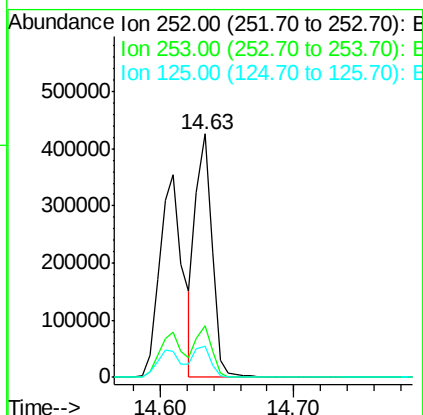
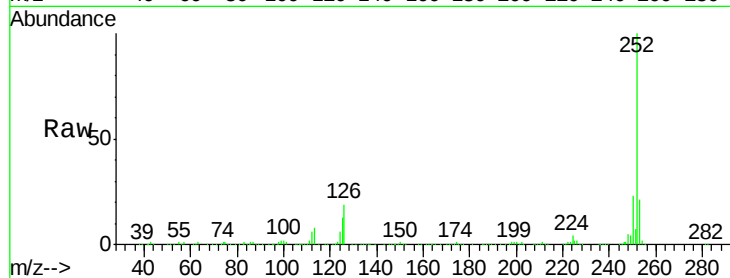




#88
Benzo(k)fluoranthene
Concen: 38.34 ng
RT: 14.63 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

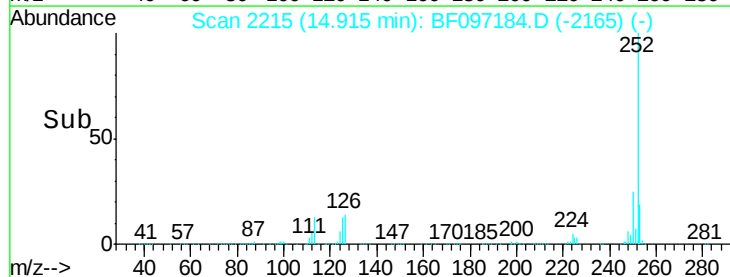
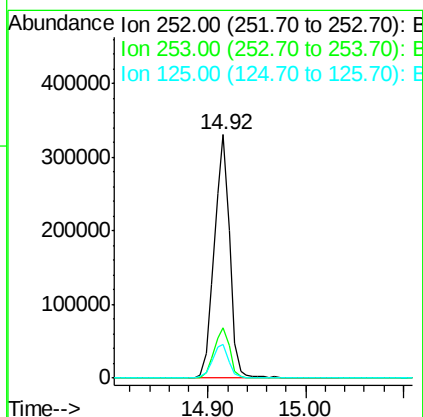
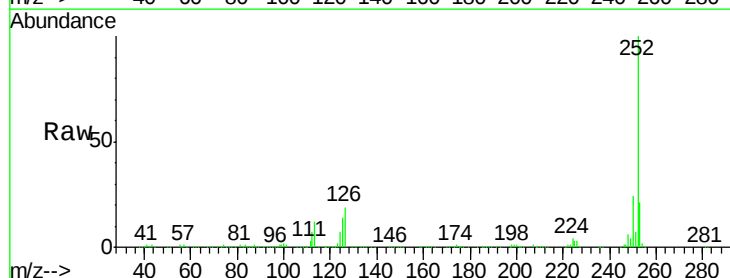
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

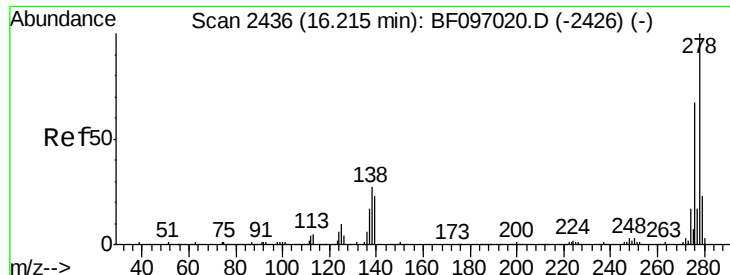
Tot Ion:252 Resp: 360822
Ion Ratio Lower Upper
252 100
253 21.5 18.4 27.6
125 12.8 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 40.03 ng
RT: 14.92 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

Tgt Ion:252 Resp: 361873
Ion Ratio Lower Upper
252 100
253 20.8 17.5 26.3
125 14.0 11.0 16.4



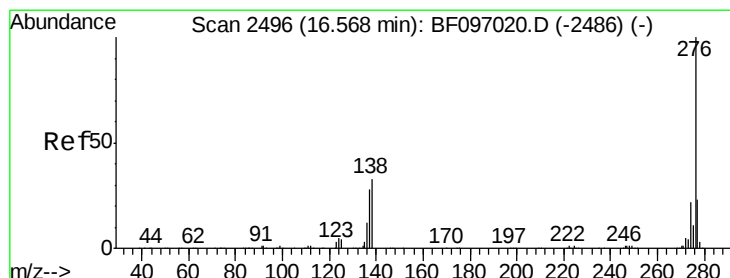
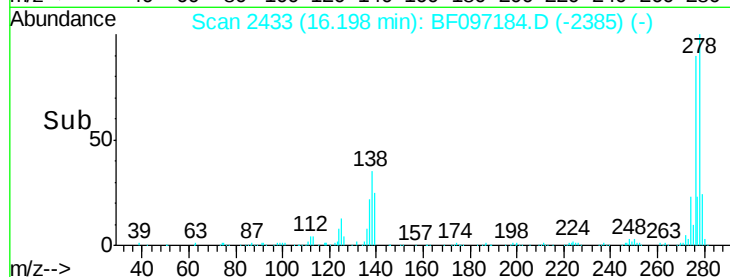
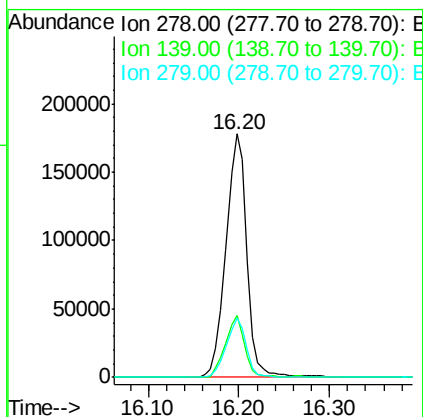
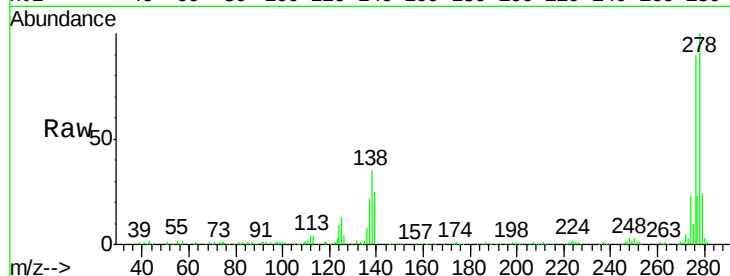


#90
Dibenzo(a,h)anthracene
Concen: 38.55 ng
RT: 16.20 min Scan# 2433
Delta R.T. -0.02 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 285803

Ion	Ratio	Lower	Upper
278	100		
139	25.4	16.6	24.8#
279	24.2	19.3	28.9



#91
Benzo(g,h,i)perylene
Concen: 35.12 ng
RT: 16.56 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BF097184.D
Acq: 29 Jul 2017 5:47

Tgt Ion:276 Resp: 273037

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	29.2	25.4	38.0

