

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097502.D
 Acq On : 9 Aug 2017 7:25
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 09 07:58:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	81021	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	351899	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	132627	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	196739	20.00	ng	0.00
75) Chrysene-d12	13.53	240	140449	20.00	ng	0.00
86) Perylene-d12	14.87	264	129528	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.00	112	448357	83.42	ng	0.00
7) Phenol-d6	6.09	99	515827	84.07	ng	0.00
23) Nitrobenzene-d5	6.99	82	442862	73.83	ng	0.00
41) 2,4,6-Tribromophenol	10.22	330	75484	72.03	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	700618	89.65	ng	0.00
78) Terphenyl-d14	12.49	244	546141	79.28	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.87	88	101702	45.34	ng	# 70
3) Pyridine	2.46	79	304108	44.28	ng	# 60
4) n-Nitrosodimethylamine	2.43	42	170640	44.85	ng	80
6) Aniline	6.07	93	337381	43.70	ng	97
8) 2-Chlorophenol	6.20	128	248882	43.31	ng	93
9) Benzaldehyde	5.95	77	182816	50.34	ng	97
10) Phenol	6.10	94	346159	47.56	ng	97
11) bis(2-Chloroethyl)ether	6.15	93	230937	40.12	ng	89
12) 1,3-Dichlorobenzene	6.35	146	265297	42.84	ng	99
13) 1,4-Dichlorobenzene	6.42	146	266878	43.48	ng	94
14) 1,2-Dichlorobenzene	6.57	146	236892	44.20	ng	97
15) Benzyl Alcohol	6.57	79	179656	46.25	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.70	45	489241	42.38	ng	80
17) 2-Methylphenol	6.70	107	189390	42.70	ng	# 86
18) Hexachloroethane	6.91	117	74979	33.39	ng	# 80
19) n-Nitroso-di-n-propylamine	6.85	70	171656	42.50	ng	# 82
20) 3+4-Methylphenols	6.86	107	249888	43.14	ng	# 61
22) Acetophenone	6.83	105	329890	39.04	ng	# 97
24) Nitrobenzene	7.00	77	232827	37.27	ng	91
25) Isophorone	7.25	82	459377	39.10	ng	97
26) 2-Nitrophenol	7.32	139	119872	35.47	ng	# 86
27) 2,4-Dimethylphenol	7.38	122	226095	40.55	ng	98
28) bis(2-Chloroethoxy)methane	7.46	93	309546	40.38	ng	98
29) 2,4-Dichlorophenol	7.58	162	202782	42.22	ng	98
30) 1,2,4-Trichlorobenzene	7.64	180	186551	40.75	ng	97
31) Naphthalene	7.71	128	676201	40.76	ng	100
32) Benzoic acid	7.56	122	129173	31.03	ng	97
33) 4-Chloroaniline	7.78	127	281237	41.67	ng	97
34) Hexachlorobutadiene	7.83	225	99566	41.02	ng	99
35) Caprolactam	8.16	113	60857	39.51	ng	# 61
36) 4-Chloro-3-methylphenol	8.29	107	209778	40.03	ng	87
37) 2-Methylnaphthalene	8.40	142	408206	38.87	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	159903	45.19	ng	99
40) Hexachlorocyclopentadiene	8.56	237	7369	12.06	ng	99

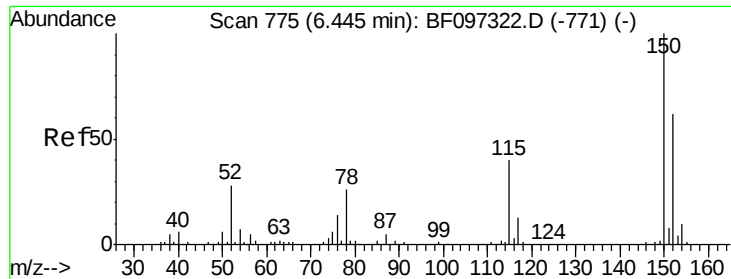
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	105683	41.21	nq	99
43) 2,4,5-Trichlorophenol	8.75	196	98002	38.18	nq	97
45) 1,1'-Biphenyl	8.87	154	498619	44.02	nq	97
46) 2-Chloronaphthalene	8.89	162	358013	42.95	nq	# 91
47) 2-Nitroaniline	9.00	65	139620	46.15	nq	97
48) Acenaphthylene	9.30	152	539428	42.16	nq	98
49) Dimethylphthalate	9.17	163	435554	43.25	nq	99
50) 2,6-Dinitrotoluene	9.25	165	84153	39.40	nq	# 81
51) Acenaphthene	9.47	154	314200	41.69	nq	99
52) 3-Nitroaniline	9.41	138	118269	44.61	nq	99
53) 2,4-Dinitrophenol	9.56	184	5009	5.16	nq	# 65
54) Dibenzofuran	9.64	168	438734	43.70	nq	95
55) 4-Nitrophenol	9.64	139	261921	166.11	nq	# 35
56) 2,4-Dinitrotoluene	9.66	165	100871	41.08	nq	# 81
57) Fluorene	9.98	166	327494	43.40	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.77	232	64108	36.17	nq	# 99
59) Diethylphthalate	9.87	149	410488	44.43	nq	99
60) 4-Chlorophenyl-phenylether	9.97	204	138896	44.58	nq	97
61) 4-Nitroaniline	10.02	138	107458	42.65	nq	92
62) Azobenzene	10.13	77	354494	41.36	nq	92
64) 4,6-Dinitro-2-methylphenol	10.07	198	12374	10.12	nq	90
65) n-Nitrosodiphenylamine	10.10	169	307197	44.88	nq	98
66) 4-Bromophenyl-phenylether	10.46	248	84648	43.11	nq	95
67) Hexachlorobenzene	10.53	284	90925	41.30	nq	# 82
68) Atrazine	10.63	200	54934	27.99	nq	96
69) Pentachlorophenol	10.74	266	45493	49.94	nq	92
70) Phenanthrene	10.93	178	437560	41.51	nq	99
71) Anthracene	10.99	178	454184	42.07	nq	98
72) Carbazole	11.15	167	452131	42.58	nq	99
73) Di-n-butylphthalate	11.49	149	572945	43.65	nq	99
74) Fluoranthene	12.11	202	428266	41.47	nq	98
76) Benzidine	12.25	184	223562	42.90	nq	# 92
77) Pyrene	12.33	202	442298	38.47	nq	99
79) Butylbenzylphthalate	12.97	149	235307	40.23	nq	# 79
80) Benzo(a)anthracene	13.52	228	358571	39.46	nq	99
81) 3,3'-Dichlorobenzidine	13.49	252	153556	44.81	nq	# 96
82) Chrysene	13.56	228	363857	41.00	nq	100
83) Bis(2-ethylhexyl)phthalate	13.53	149	295315	38.67	nq	100
84) Di-n-octyl phthalate	14.14	149	570598	40.72	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.06	276	282555	37.13	nq	97
87) Benzo(b)fluoranthene	14.53	252	359074	46.12	nq	100
88) Benzo(k)fluoranthene	14.82	252	244521	32.96	nq	99
89) Benzo(a)pyrene	14.82	252	299141	41.98	nq	97
90) Dibenzo(a,h)anthracene	16.07	278	235589	40.31	nq	96
91) Benzo(g,h,i)perylene	16.42	276	234094	38.20	nq	99

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

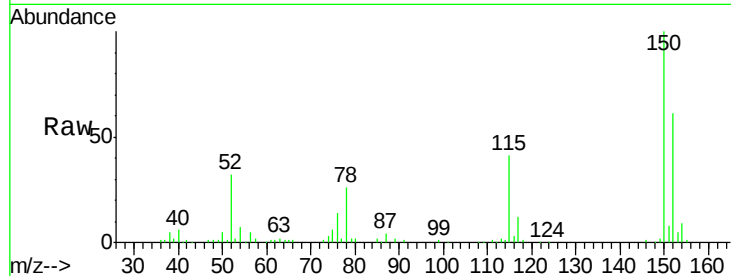


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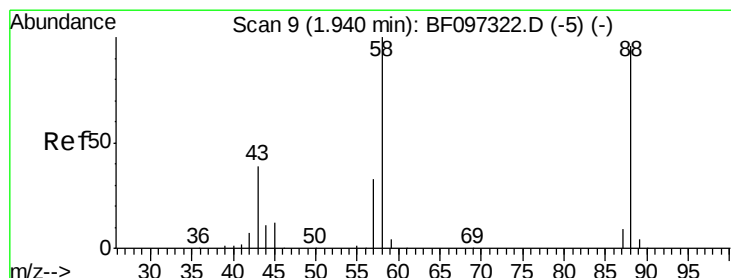
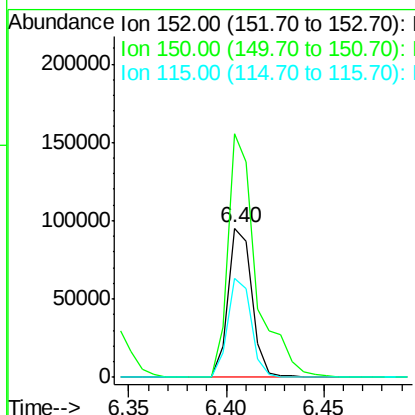
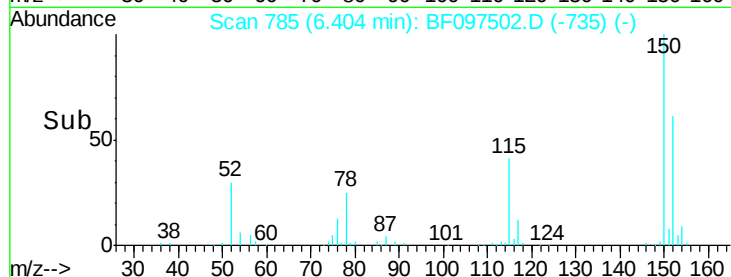
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 81021
Ion Ratio Lower Upper
152 100
150 163.1 126.2 189.2
115 66.1 52.2 78.2



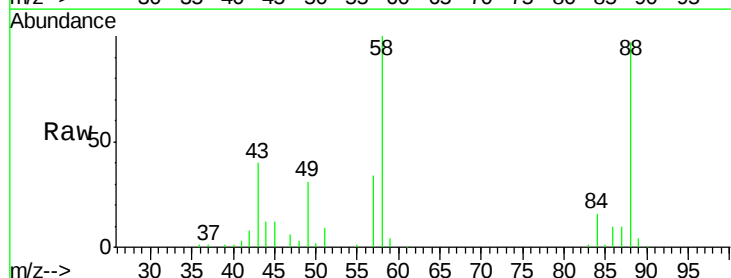
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



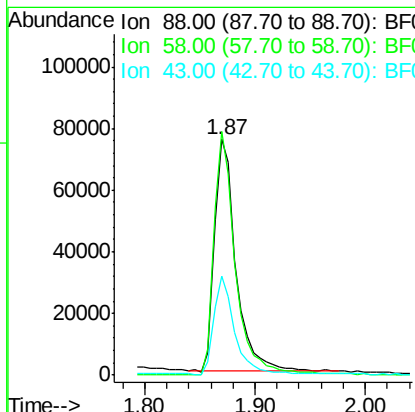
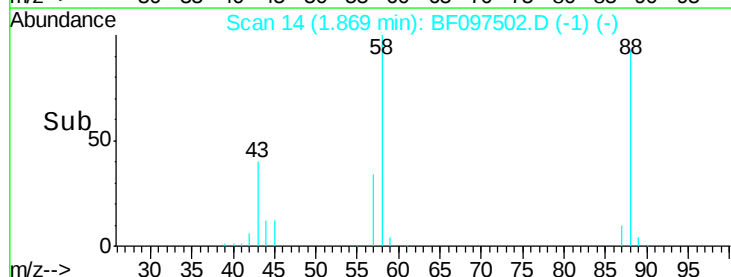
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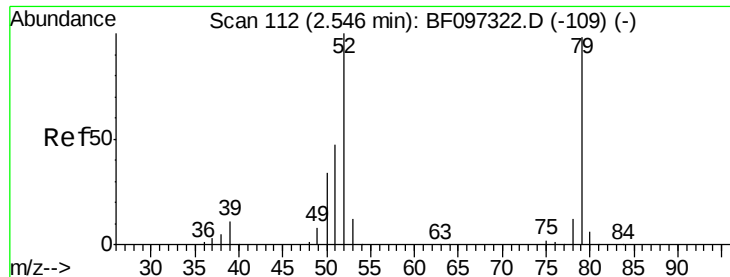
1,4-Dioxane
Concen: 45.34 ng
RT: 1.87 min Scan# 14
Delta R.T. -0.03 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

Tgt Ion: 88 Resp: 101702
Ion Ratio Lower Upper
88 100
58 104.5 61.4 92.0#
43 41.9 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 44.28 ng

RT: 2.46 min Scan# 115

Delta R.T. -0.03 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

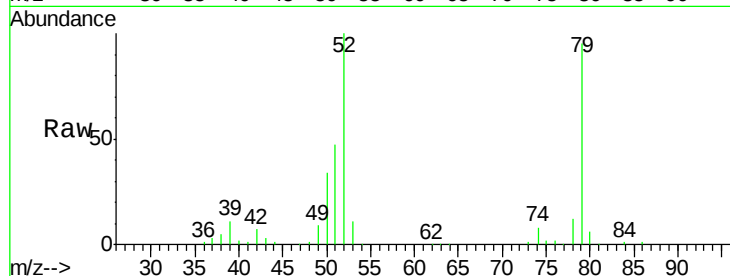
Tot Ion: 79 Resp: 304108

Ion Ratio Lower Upper

79 100

52 105.6 54.8 82.2#

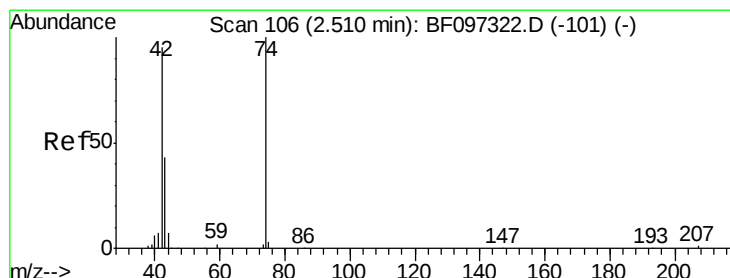
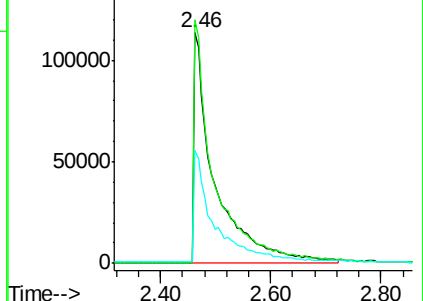
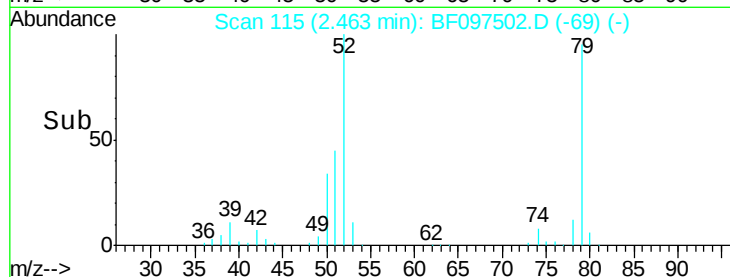
51 49.3 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 44.85 ng

RT: 2.43 min Scan# 109

Delta R.T. -0.04 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

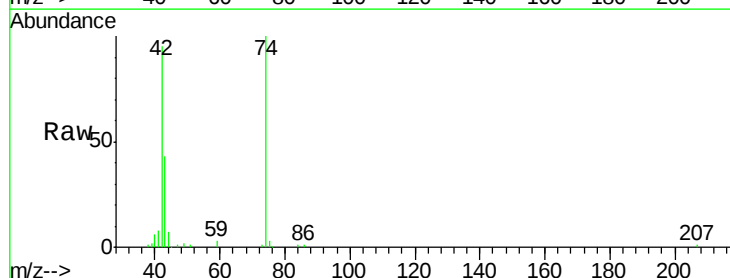
Tgt Ion: 42 Resp: 170640

Ion Ratio Lower Upper

42 100

74 105.2 103.9 155.9

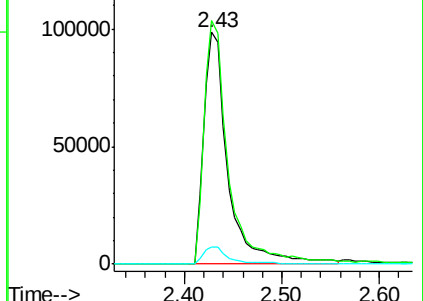
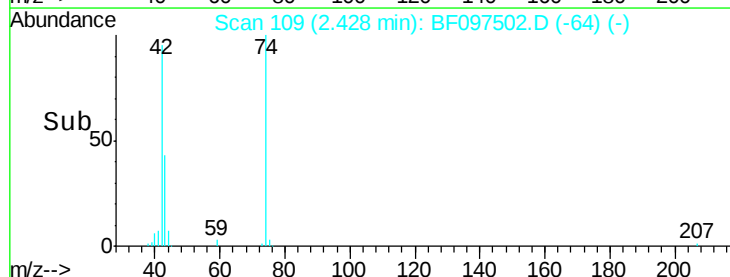
44 7.3 5.7 8.5

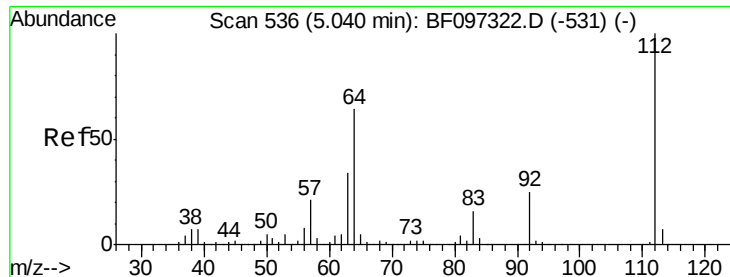


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.42 ng

RT: 5.00 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

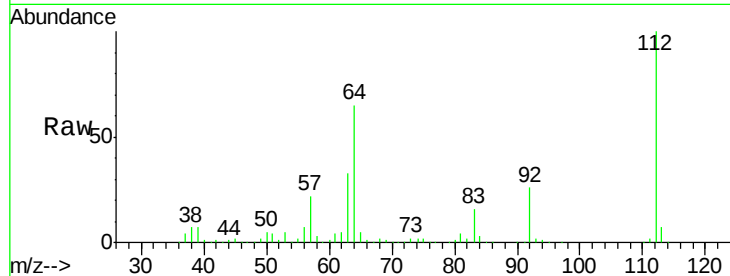
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

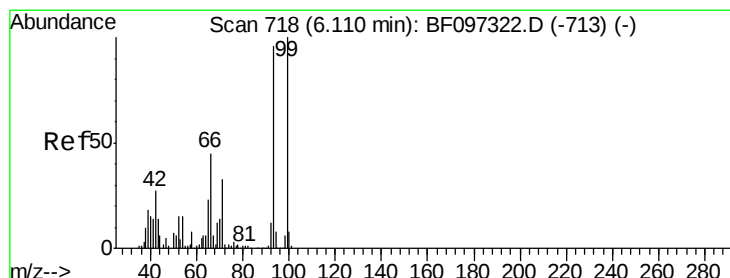
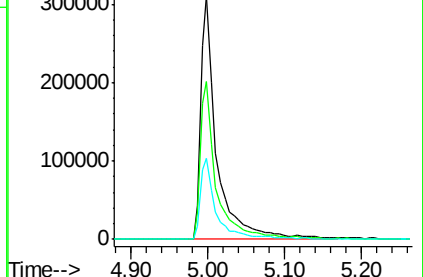
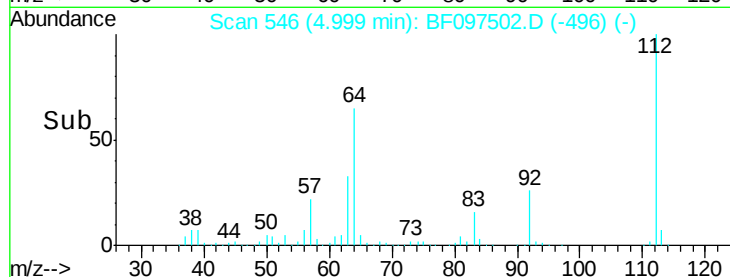
Tot Ion:112	Resp:	448357
Ion Ratio	Lower	Upper
112 100		
64 64.9	46.0	69.0
63 33.3	23.4	35.0



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: 43.70 ng

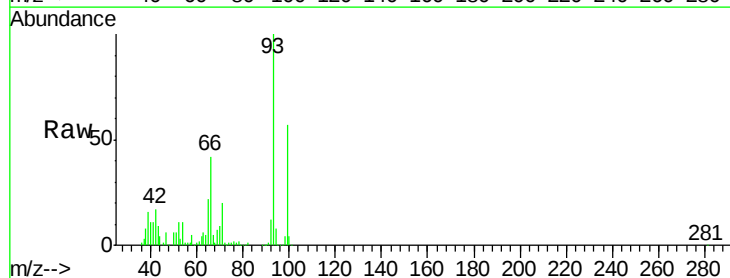
RT: 6.07 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

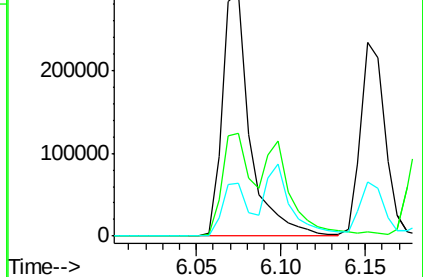
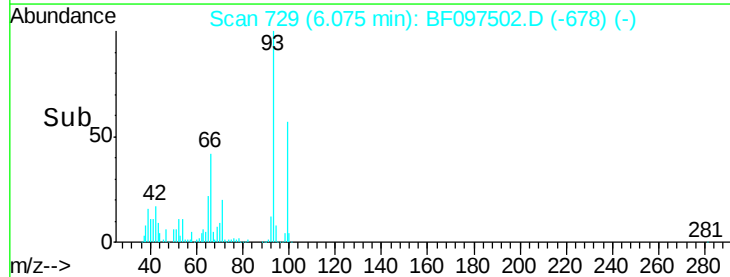
Tgt Ion: 93	Resp:	337381
Ion Ratio	Lower	Upper
93 100		
66 42.5	32.9	49.3
65 21.9	16.0	24.0

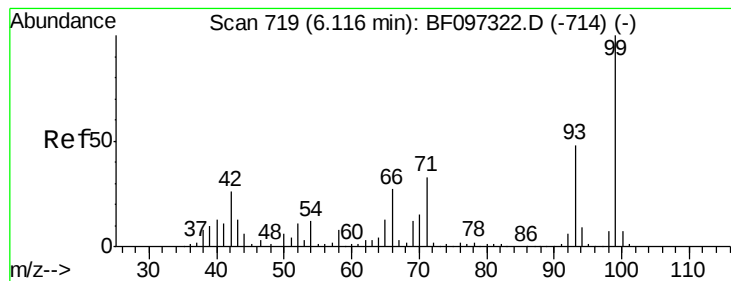


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.07 ng

RT: 6.09 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA_F

ClientSampleId :

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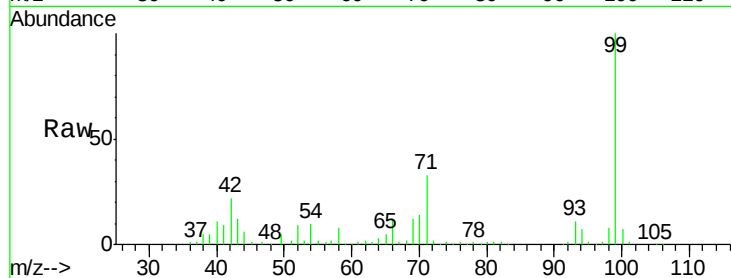
Tot Ion: 99 Resp: 515827

Ion Ratio Lower Upper

99 100

42 22.3 13.5 20.3#

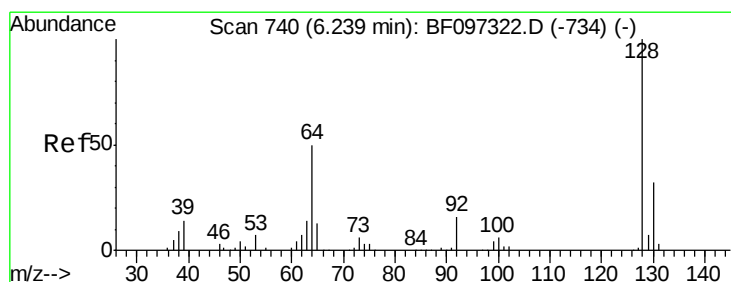
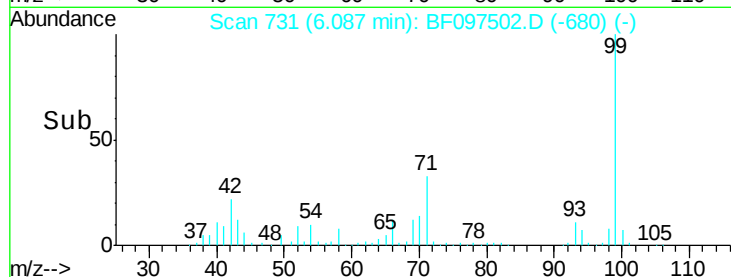
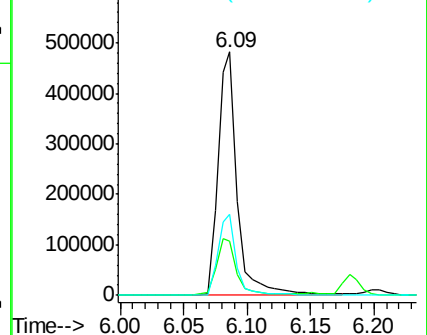
71 33.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.31 ng

RT: 6.20 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

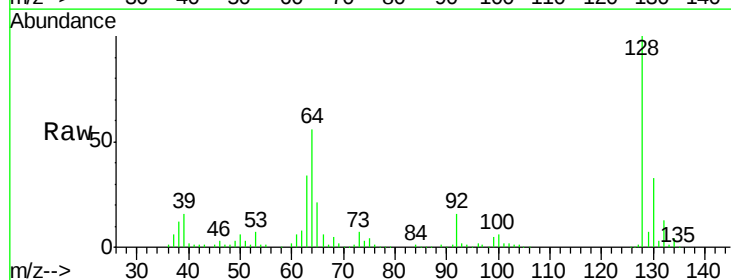
Tgt Ion: 128 Resp: 248882

Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

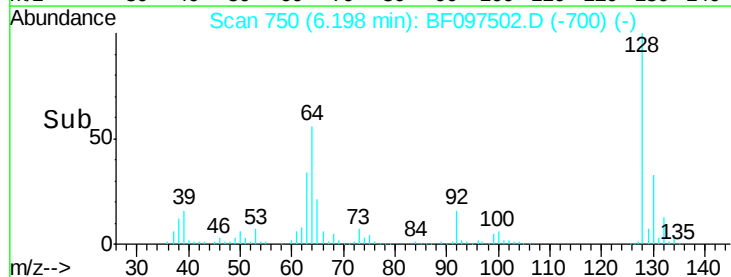
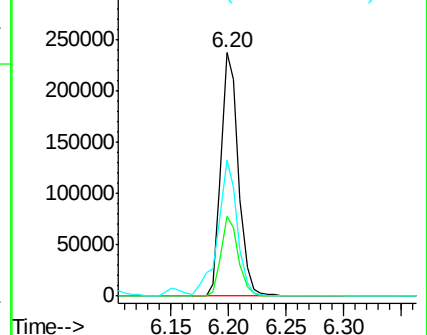
64 55.9 28.4 68.4

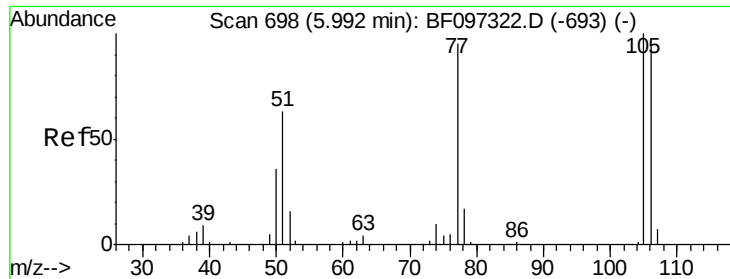


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

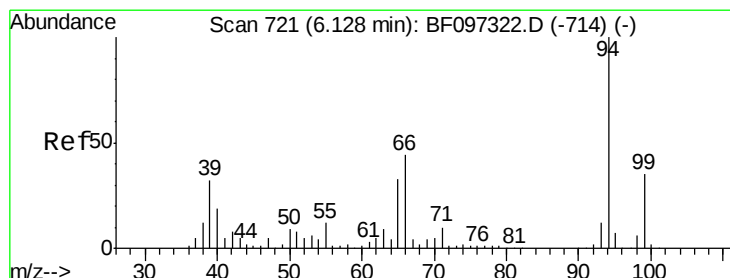
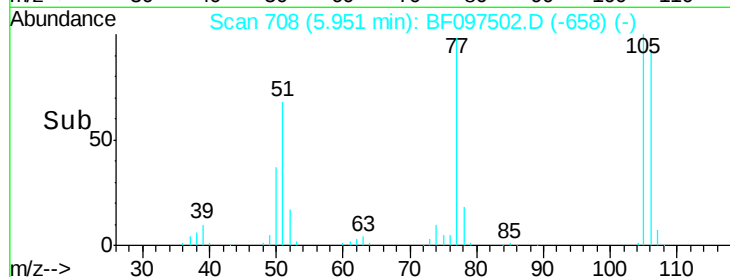
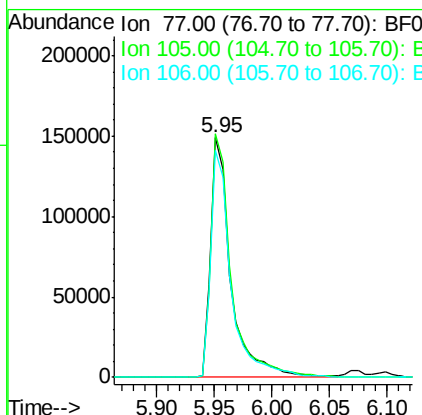
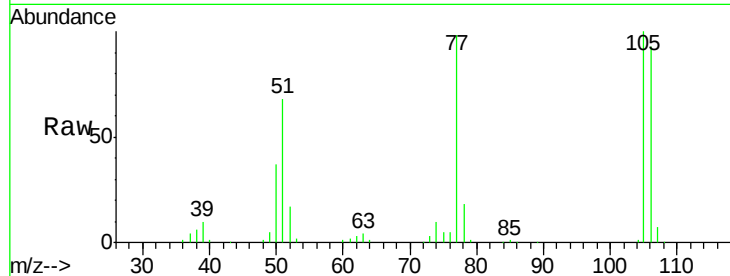




#9
Benzaldehyde
Concen: 50.34 ng
RT: 5.95 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

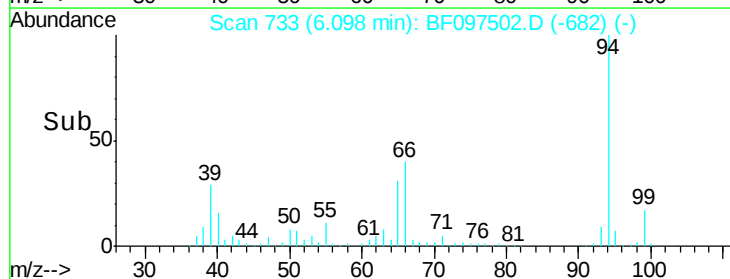
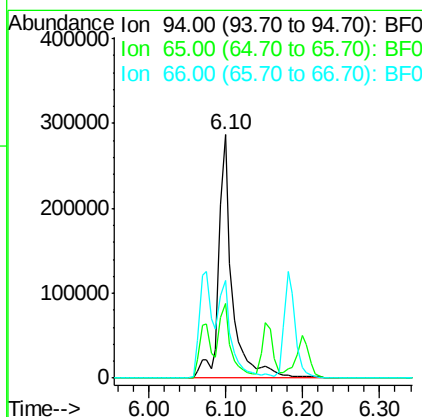
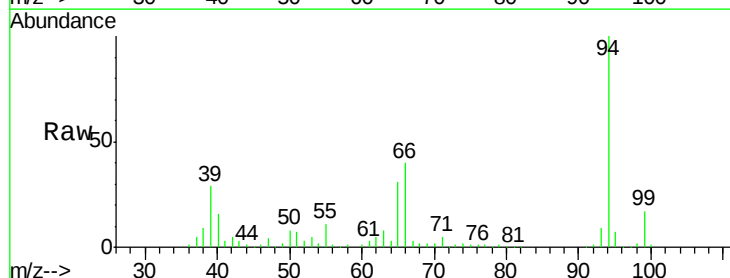
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

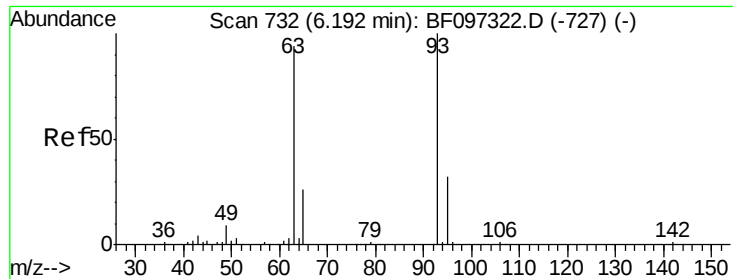
Tot Ion: 77 Resp: 182816
Ion Ratio Lower Upper
77 100
105 101.7 83.8 123.8
106 95.1 79.1 119.1



#10
Phenol
Concen: 47.56 ng
RT: 6.10 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

Tgt Ion: 94 Resp: 346159
Ion Ratio Lower Upper
94 100
65 30.6 9.9 49.9
66 39.9 23.1 63.1

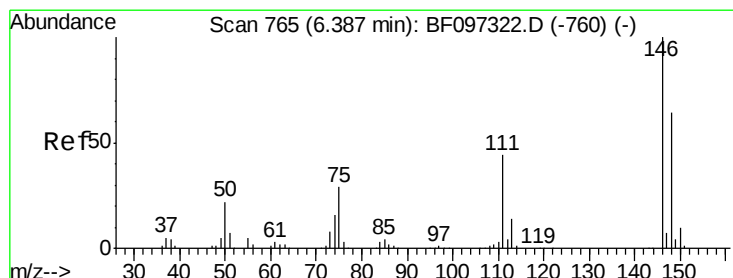
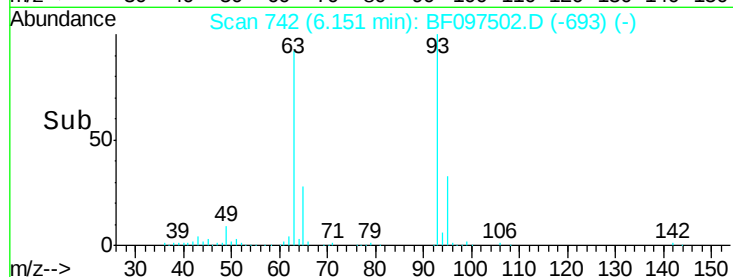
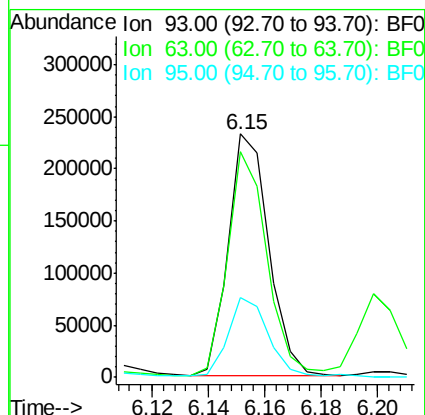
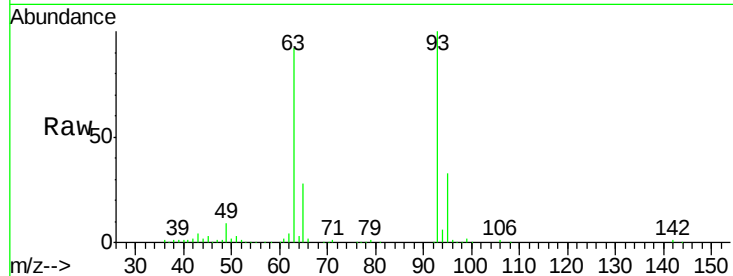




#11
 bis(2-Chloroethyl)ether
 Concen: 40.12 ng
 RT: 6.15 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF097502.D
 Acq: 9 Aug 2017 7:25

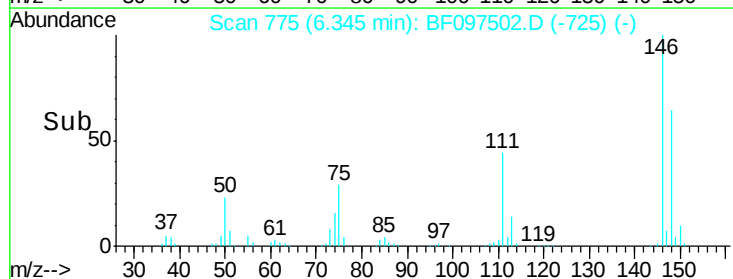
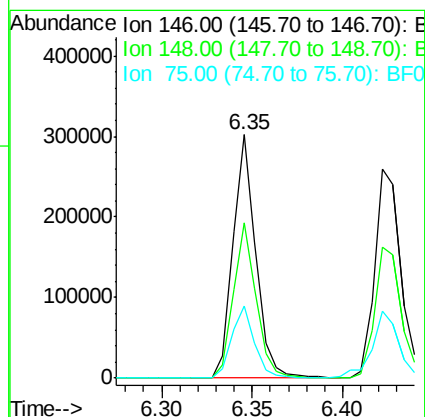
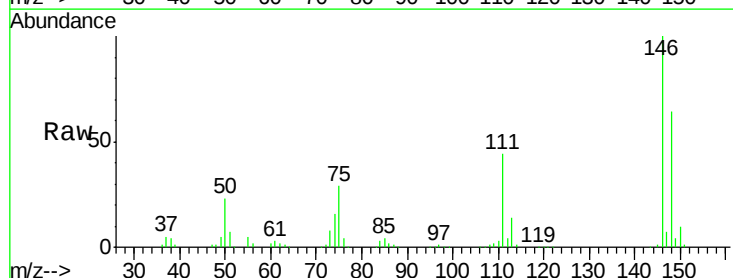
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

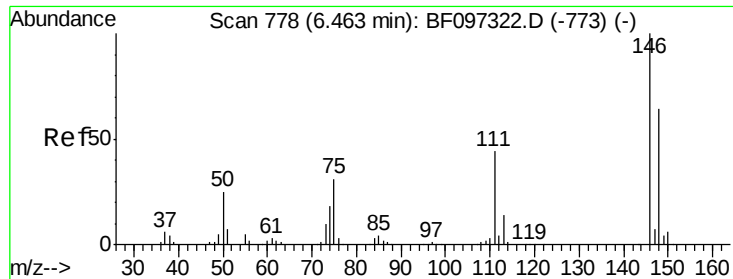
Tot Ion	93	Resp	230937
Ion Ratio	Lower	Upper	
93	100		
63	92.5	59.2	99.2
95	33.0	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 42.84 ng
 RT: 6.35 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF097502.D
 Acq: 9 Aug 2017 7:25

Tgt Ion	146	Resp	265297
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.8	77.6
75	29.4	23.1	34.7

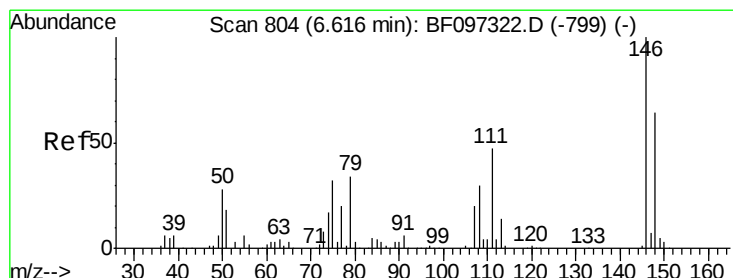
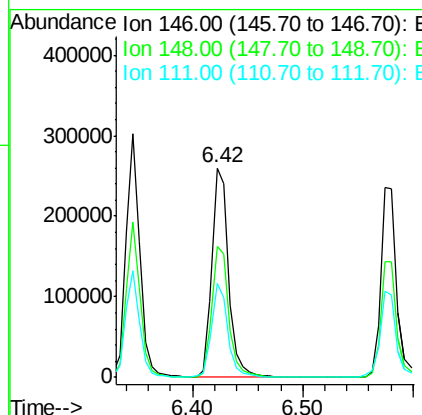
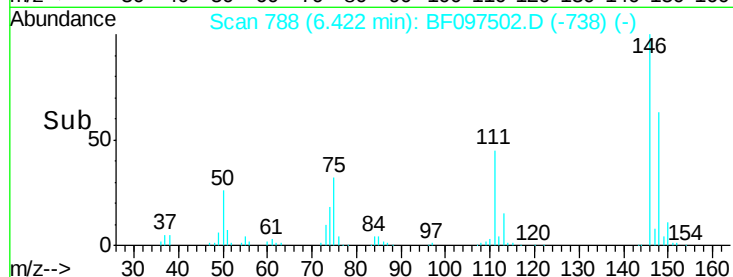
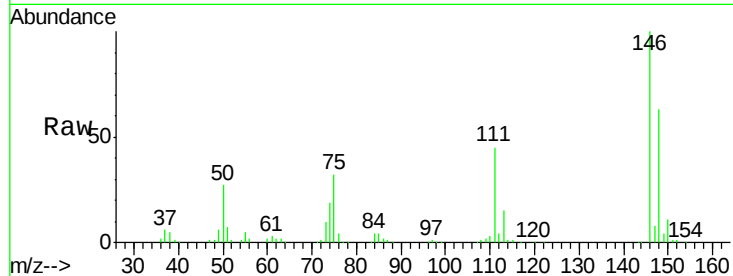




#13
 1,4-Dichlorobenzene
 Concen: 43.48 ng
 RT: 6.42 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF097502.D
 Acq: 9 Aug 2017 7:25

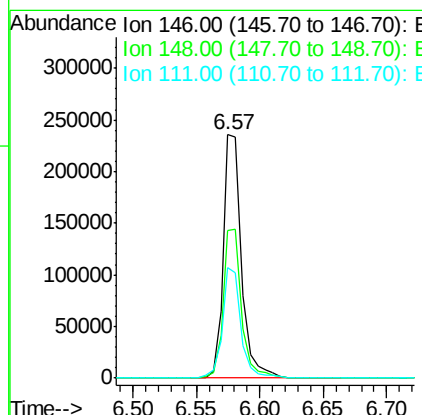
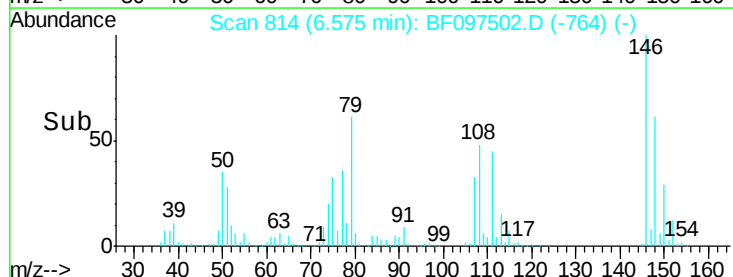
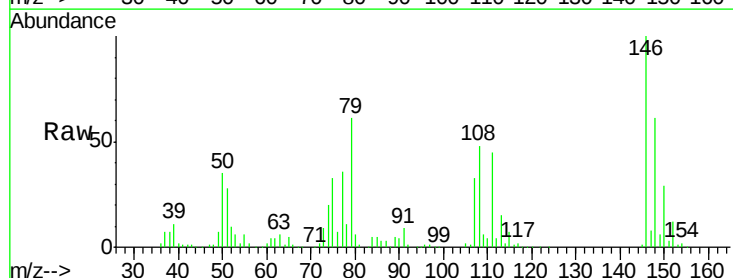
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

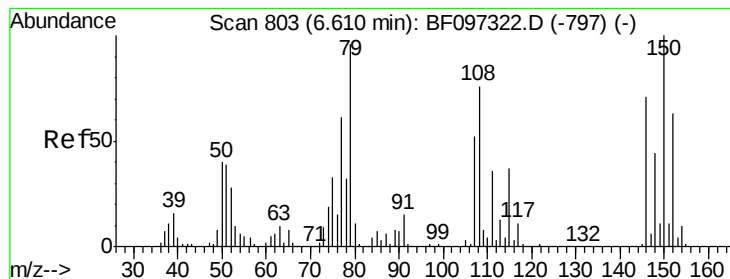
Tot Ion:146 Resp: 266878
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.2 78.2
 111 44.9 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 44.20 ng
 RT: 6.57 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF097502.D
 Acq: 9 Aug 2017 7:25

Tgt Ion:146 Resp: 236892
 Ion Ratio Lower Upper
 146 100
 148 60.8 50.4 75.6
 111 45.5 38.2 57.4





#15

Benzyl Alcohol

Concen: 46.25 ng

RT: 6.57 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

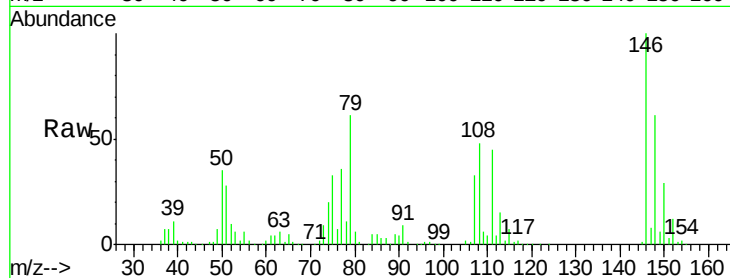
Tot Ion: 79 Resp: 179656

Ion Ratio Lower Upper

79 100

108 78.5 63.4 95.0

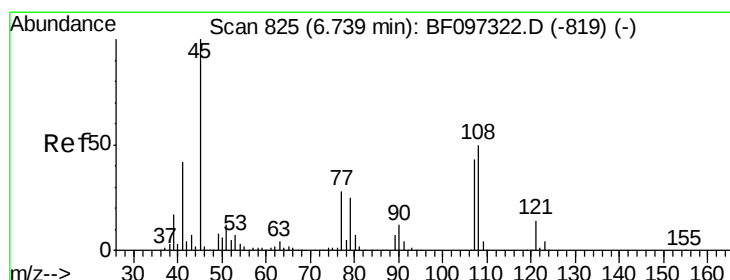
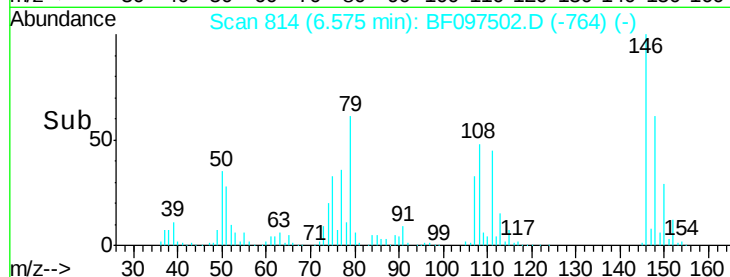
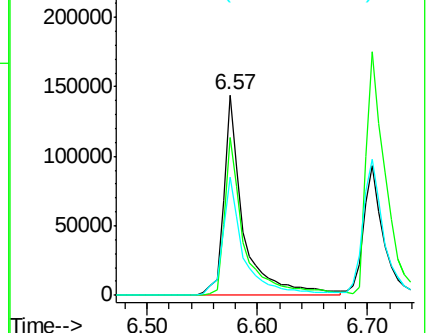
77 59.0 49.2 73.8



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: 42.38 ng

RT: 6.70 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

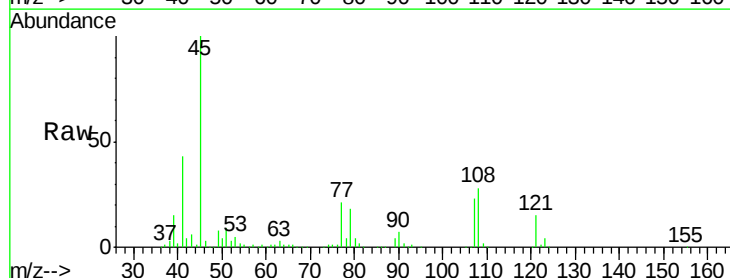
Tgt Ion: 45 Resp: 489241

Ion Ratio Lower Upper

45 100

77 20.7 0.0 33.2

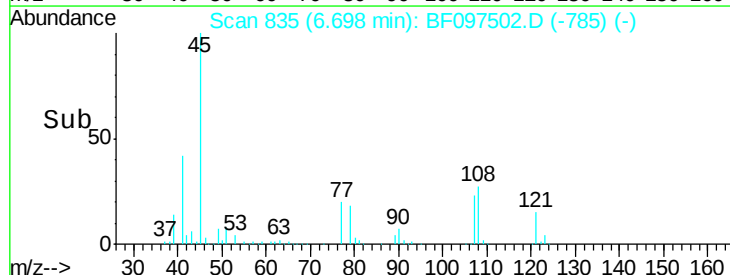
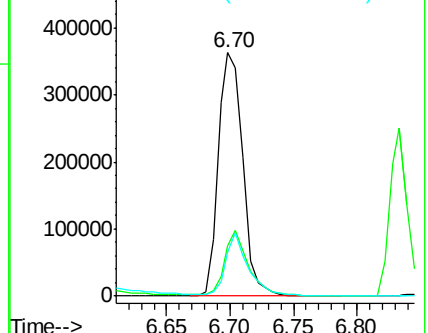
79 18.2 0.0 30.0

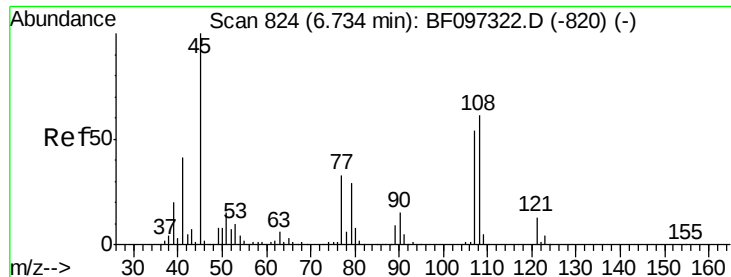


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

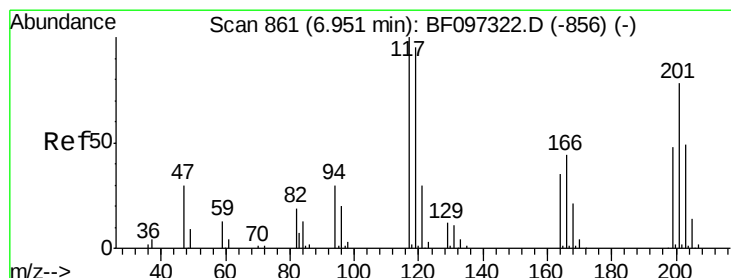
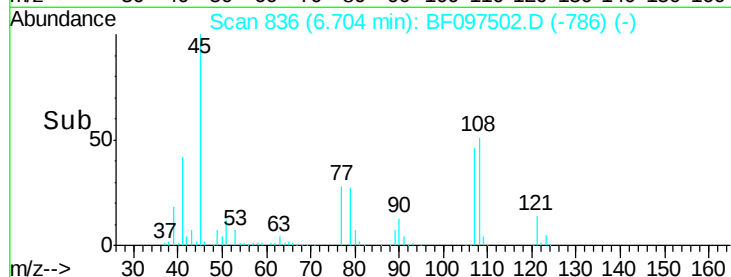
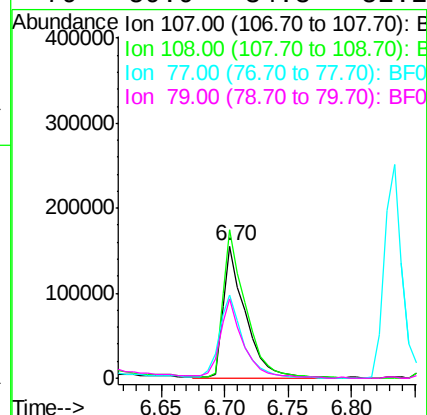
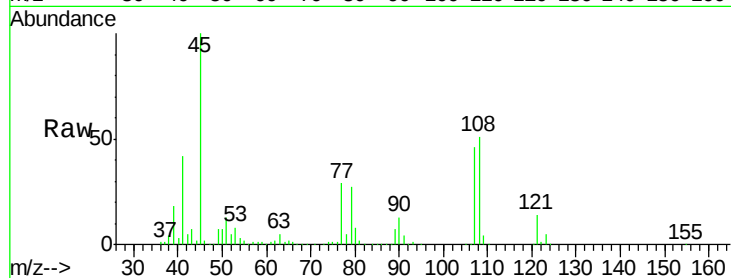




#17
2-Methylphenol
Concen: 42.70 ng
RT: 6.70 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

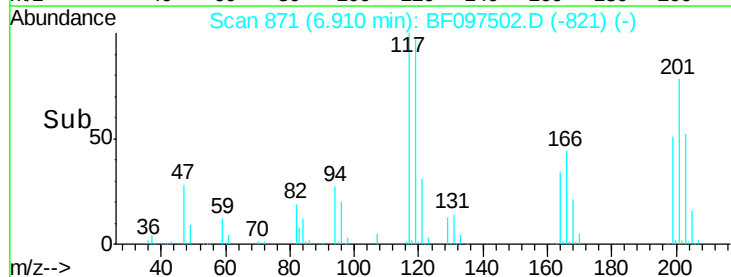
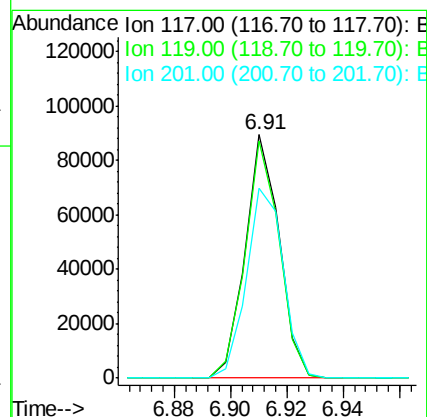
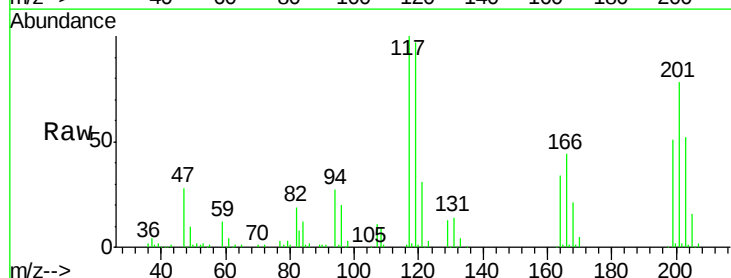
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

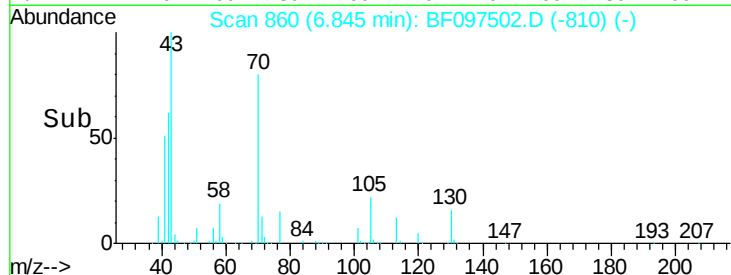
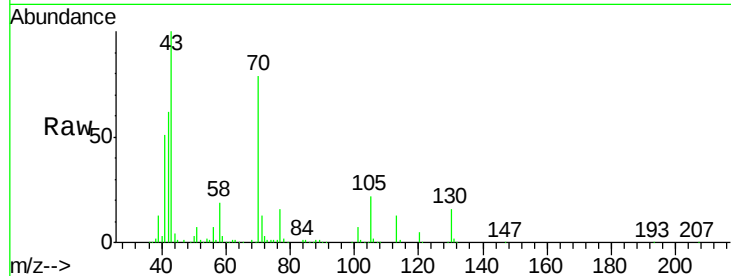
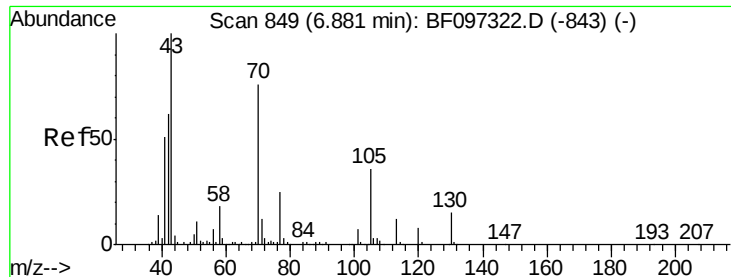
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.5	93.4	140.0
77	62.7	35.8	53.6#
79	59.9	34.8	52.2#



#18
Hexachloroethane
Concen: 33.39 ng
RT: 6.91 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.4	116.0
201	77.8	94.6	141.8#

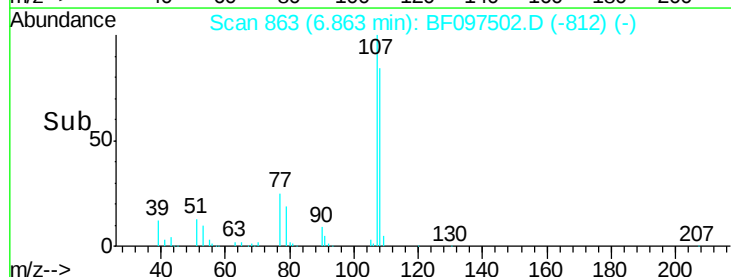
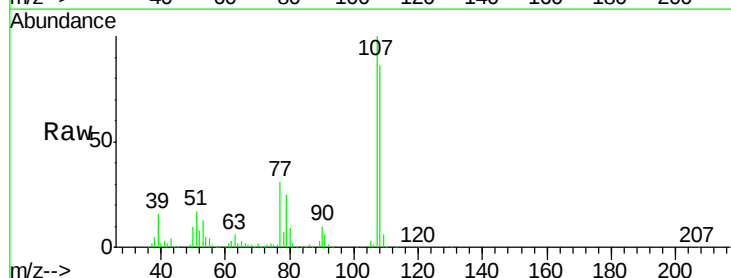
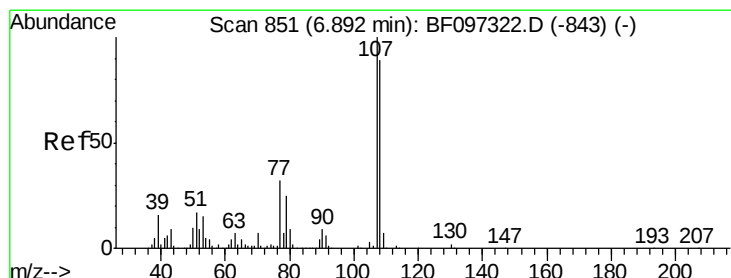
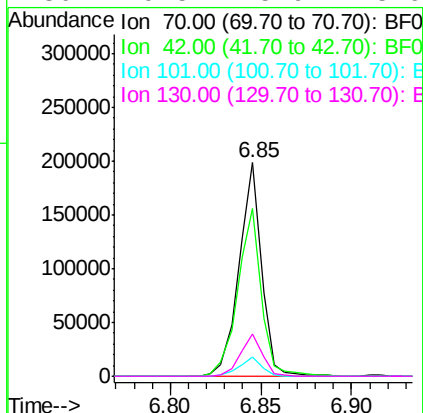




#19
n-Nitroso-di-n-propylamine
Concen: 42.50 ng
RT: 6.85 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

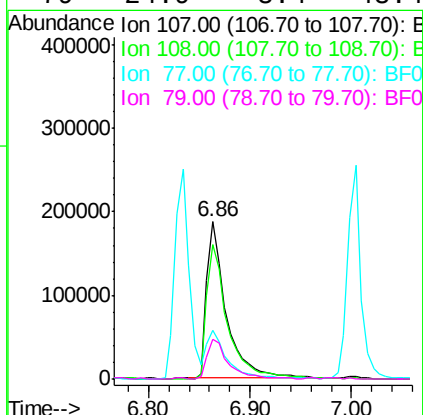
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

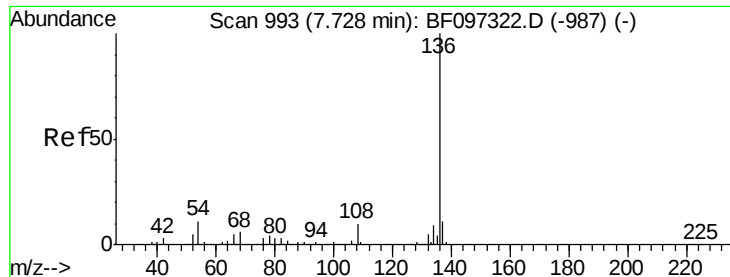
Tot Ion:	70	Resp:	171656
Ion	Ratio	Lower	Upper
70	100		
42	78.5	47.2	70.8#
101	9.3	7.2	10.8
130	19.5	15.9	23.9



#20
3+4-Methylphenols
Concen: 43.14 ng
RT: 6.86 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

Tgt Ion:	107	Resp:	249888
Ion	Ratio	Lower	Upper
107	100		
108	86.0	71.0	111.0
77	30.8	90.5	130.5#
79	24.9	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.69 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 351899

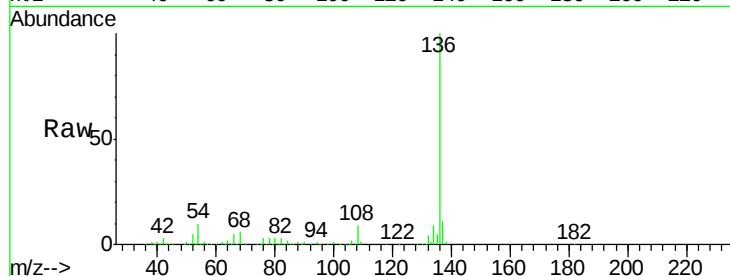
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.0 4.9 7.3#

68 5.8 4.1 6.1

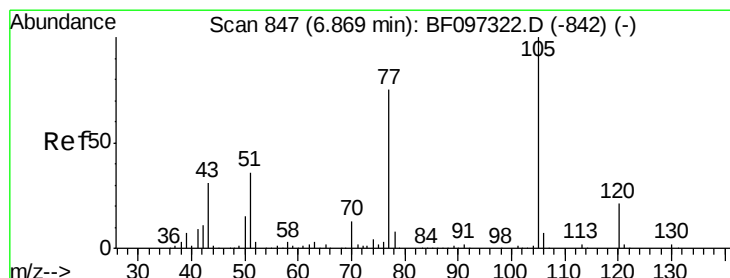
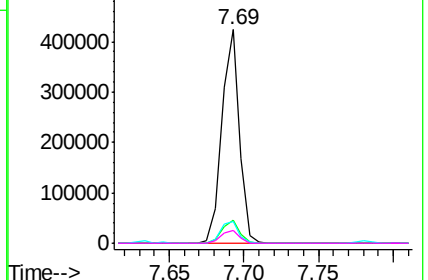
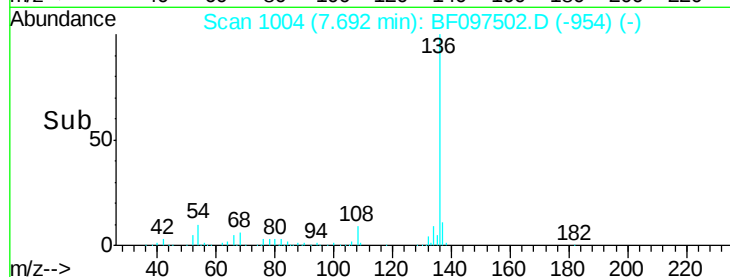


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.04 ng

RT: 6.83 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Tgt Ion:105 Resp: 329890

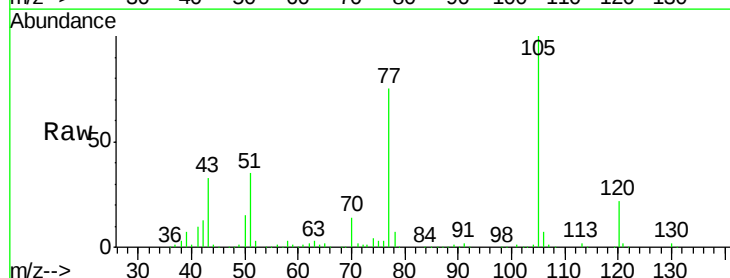
Ion Ratio Lower Upper

105 100

71 2.2 2.8 4.2#

51 35.5 30.7 46.1

120 21.8 17.4 26.0

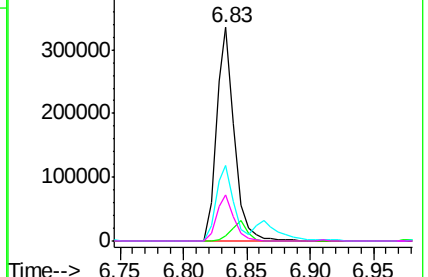
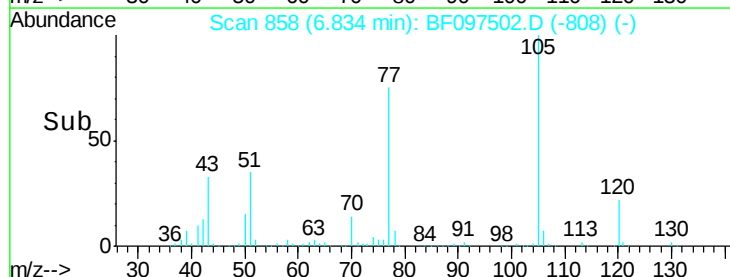


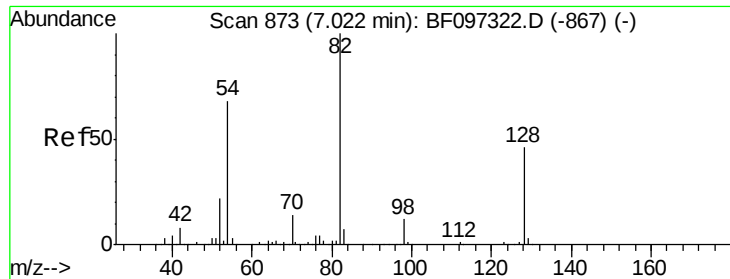
Abundance Ion 105.00 (104.70 to 105.70): E

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

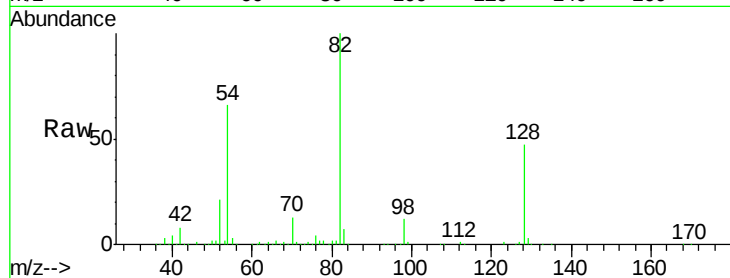




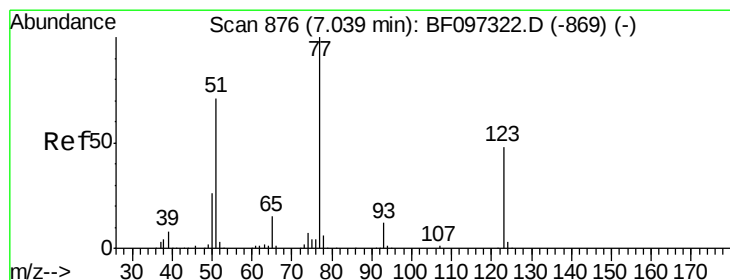
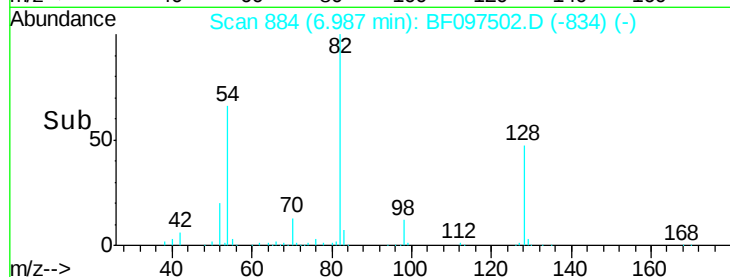
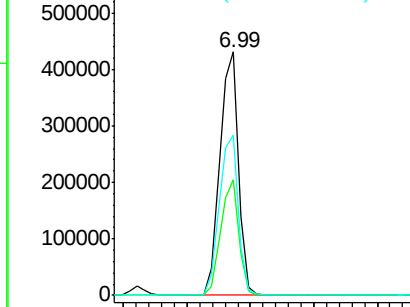
#23
Nitrobenzene-d5
Concen: 73.83 ng
RT: 6.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 442862
Ion Ratio Lower Upper
82 100
128 47.3 34.0 51.0
54 65.9 42.2 63.2#

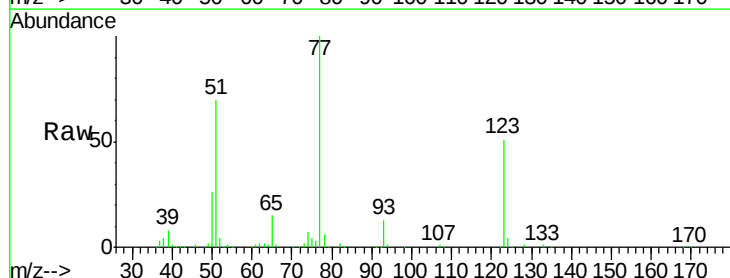


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

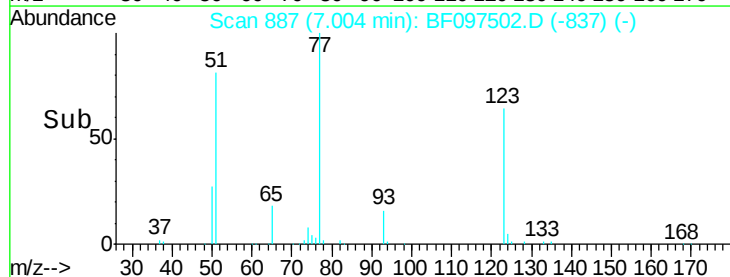
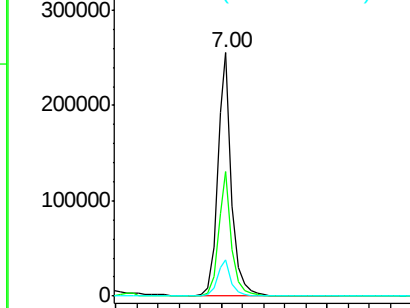


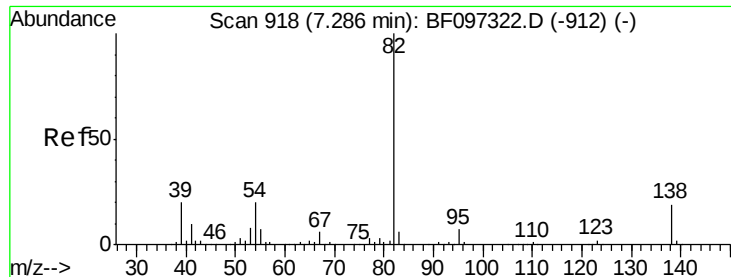
#24
Nitrobenzene
Concen: 37.27 ng
RT: 7.00 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

Tgt Ion: 77 Resp: 232827
Ion Ratio Lower Upper
77 100
123 51.2 35.8 53.8
65 14.8 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: 39.10 ng

RT: 7.25 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

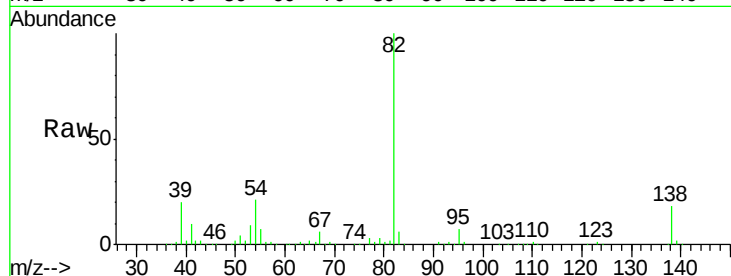
Tot Ion: 82 Resp: 459377

Ion Ratio Lower Upper

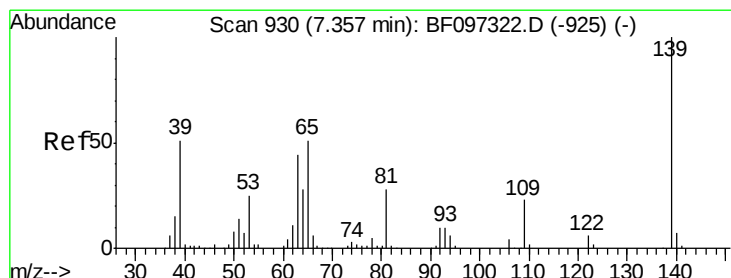
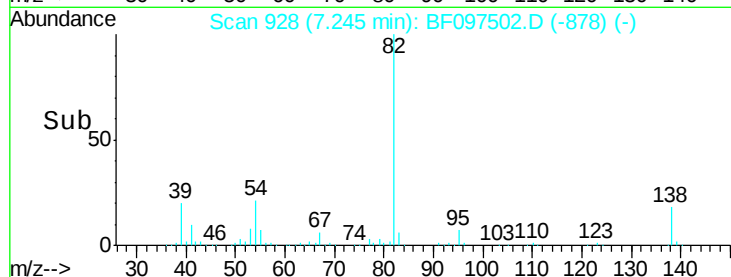
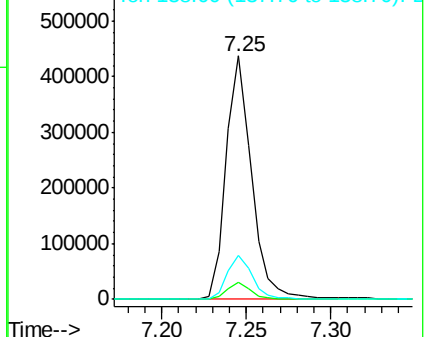
82 100

95 6.8 5.3 7.9

138 18.0 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 35.47 ng

RT: 7.32 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

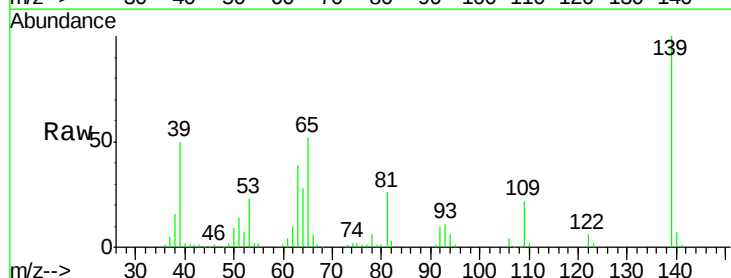
Tgt Ion: 139 Resp: 119872

Ion Ratio Lower Upper

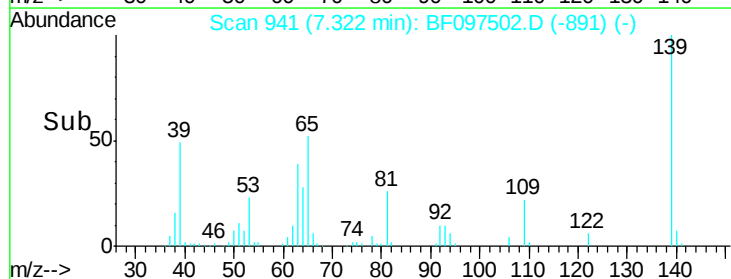
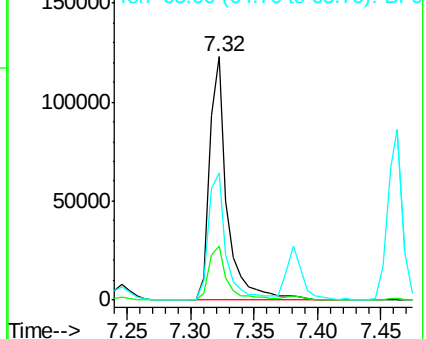
139 100

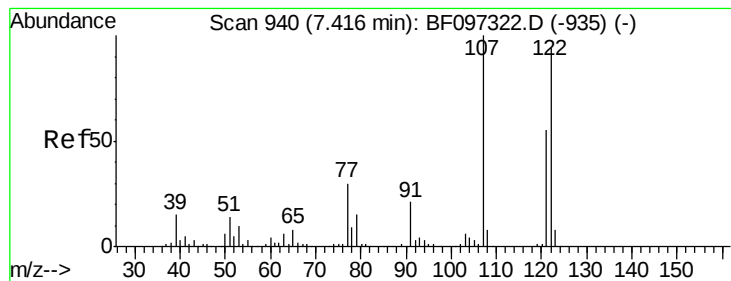
109 22.5 21.0 31.6

65 52.3 33.0 49.6#



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





#27

2,4-Dimethylphenol

Concen: 40.55 ng

RT: 7.38 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

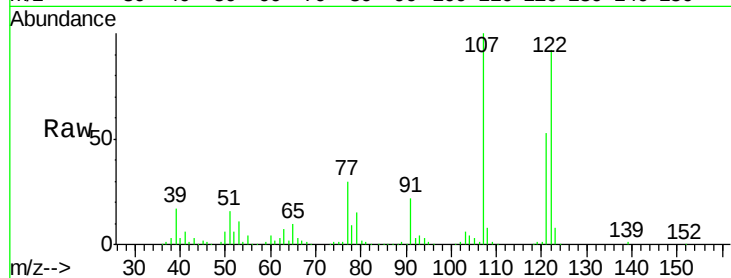
Tot Ion:122 Resp: 226095

Ion Ratio Lower Upper

122 100

107 108.7 89.2 133.8

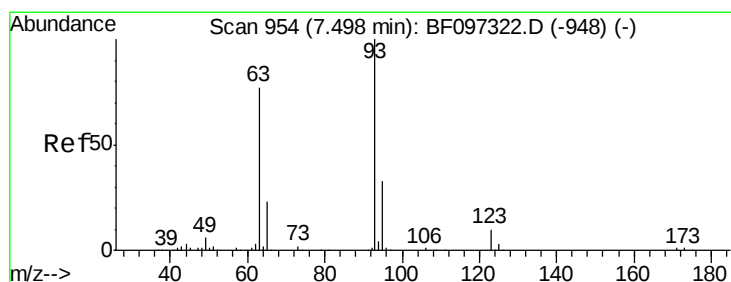
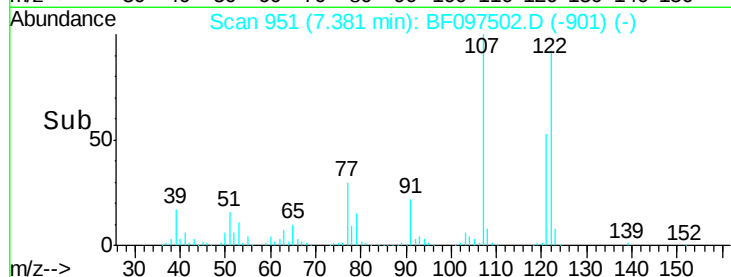
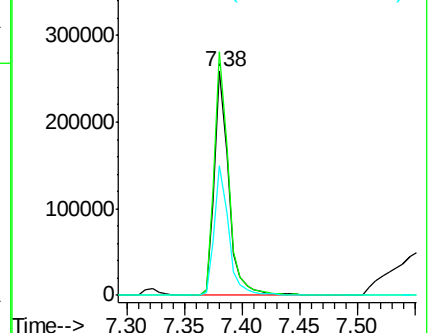
121 58.1 45.2 67.8



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: 40.38 ng

RT: 7.46 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

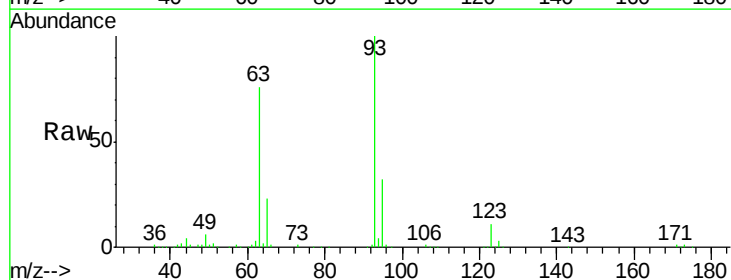
Tgt Ion: 93 Resp: 309546

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

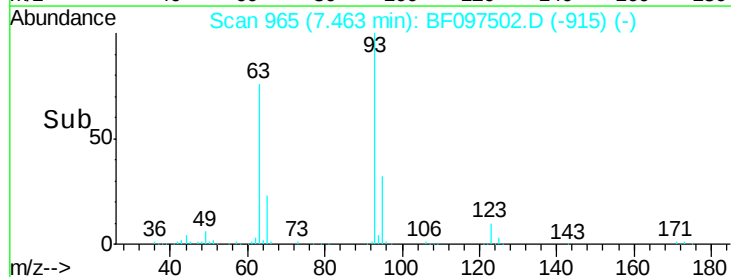
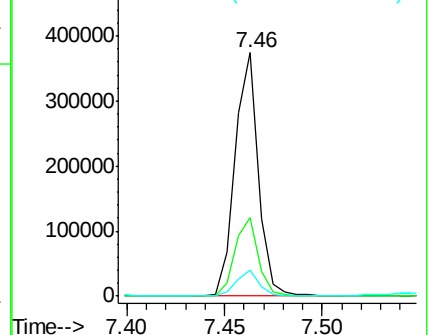
123 10.5 9.0 13.4

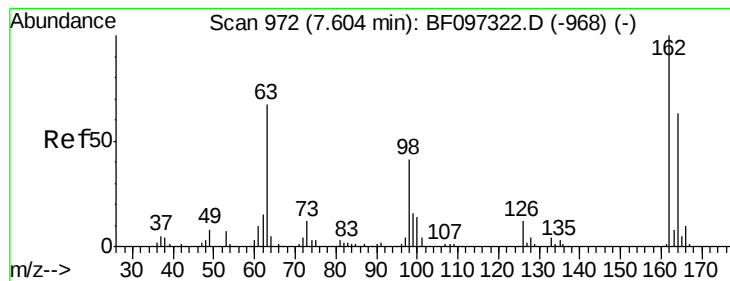


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

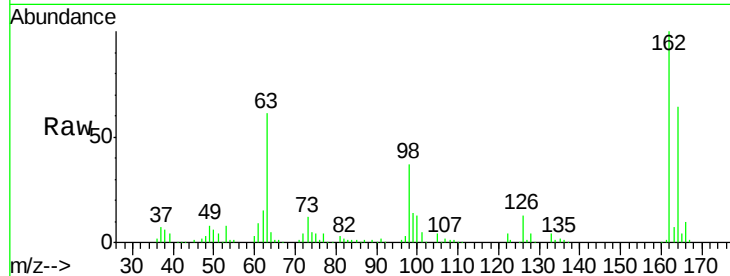




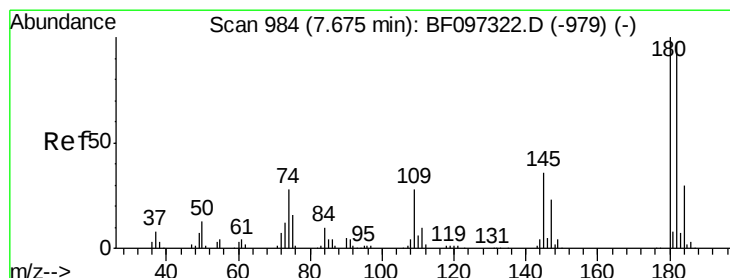
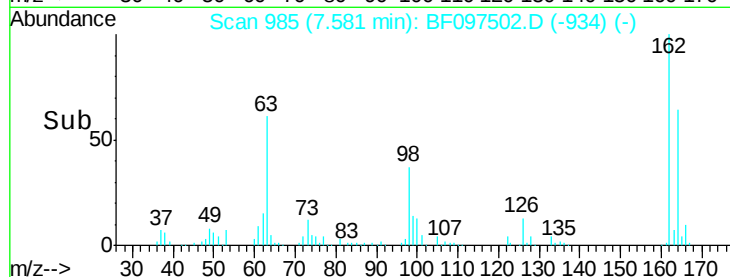
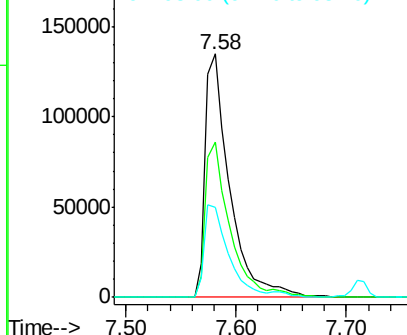
#29
 2,4-Dichlorophenol
 Concen: 42.22 ng
 RT: 7.58 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF097502.D
 Acq: 9 Aug 2017 7:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.6	84.6
98	37.2	14.8	54.8

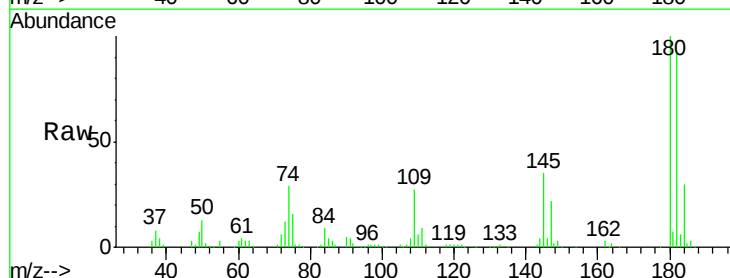


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

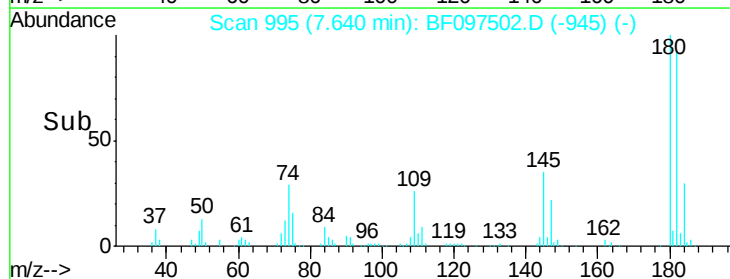
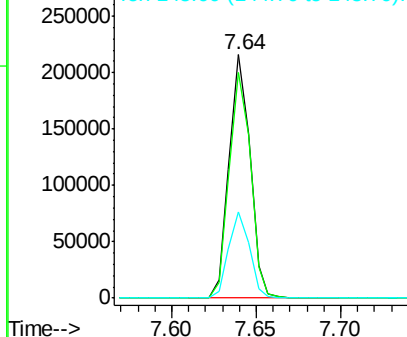


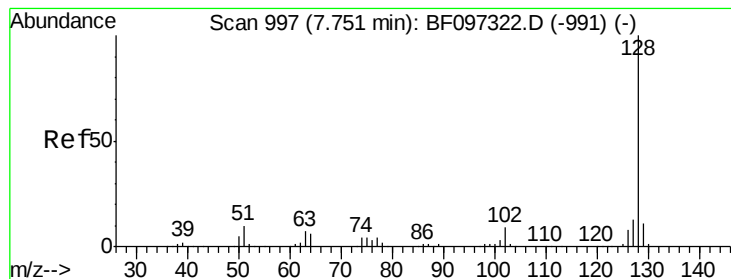
#30
 1,2,4-Trichlorobenzene
 Concen: 40.75 ng
 RT: 7.64 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF097502.D
 Acq: 9 Aug 2017 7:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	75.8	113.6
145	35.4	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: 40.76 ng

RT: 7.71 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

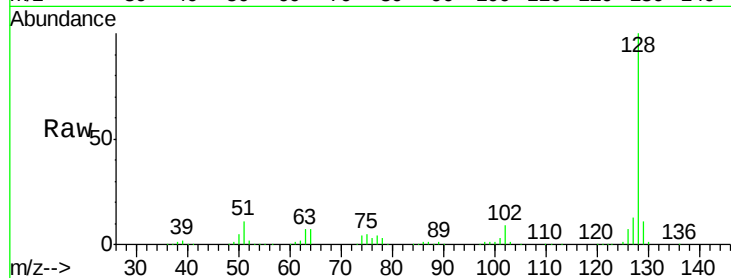
Tot Ion:128 Resp: 676201

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

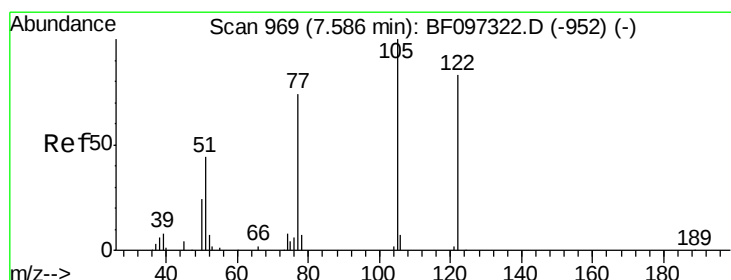
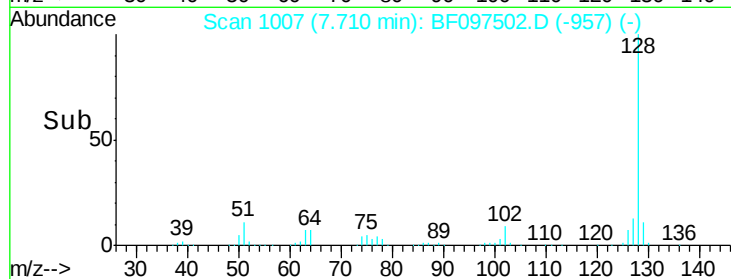
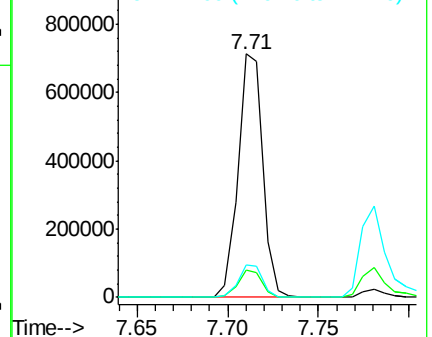
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.03 ng

RT: 7.56 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

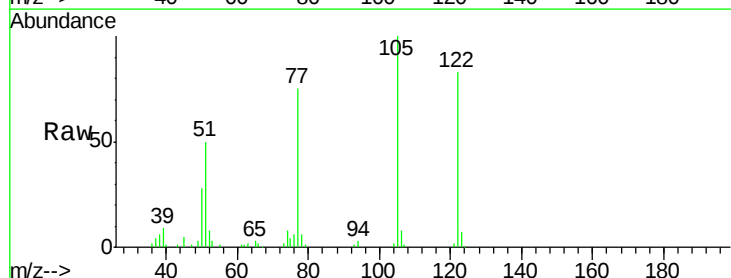
Tgt Ion:122 Resp: 129173

Ion Ratio Lower Upper

122 100

105 120.2 103.3 143.3

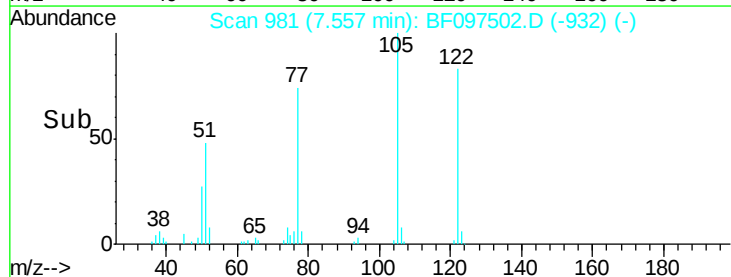
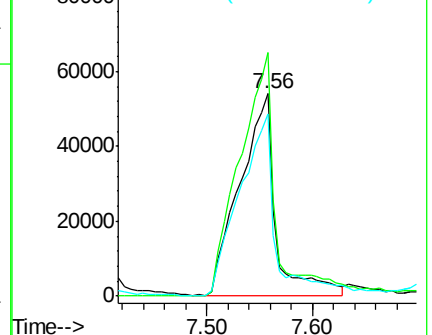
77 90.2 73.7 113.7

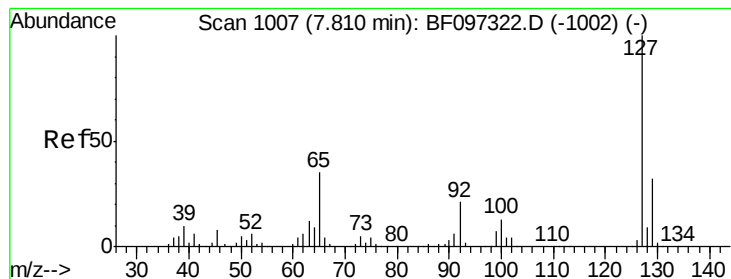


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 41.67 ng

RT: 7.78 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

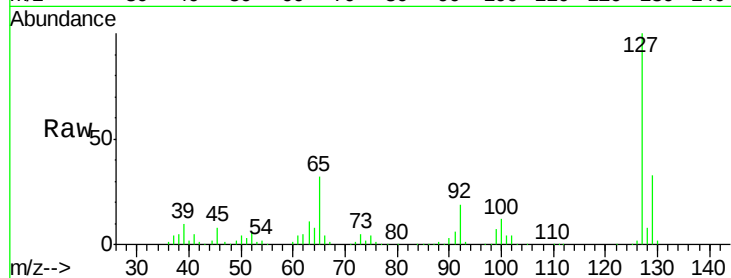
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:	127	Resp:	281237
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.2
65	31.9	27.8	41.8
92	19.1	16.8	25.2

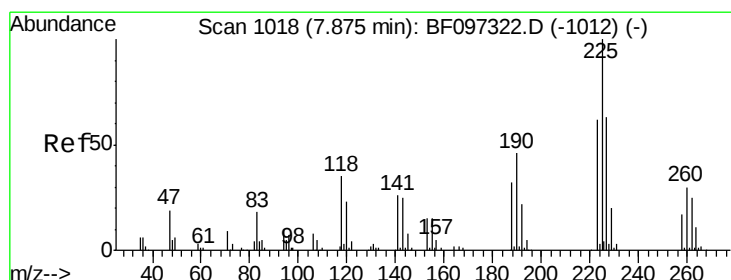
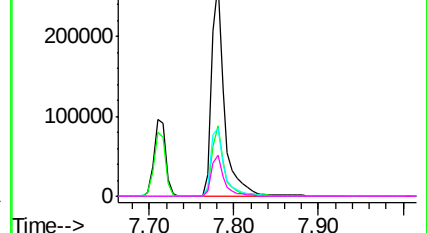
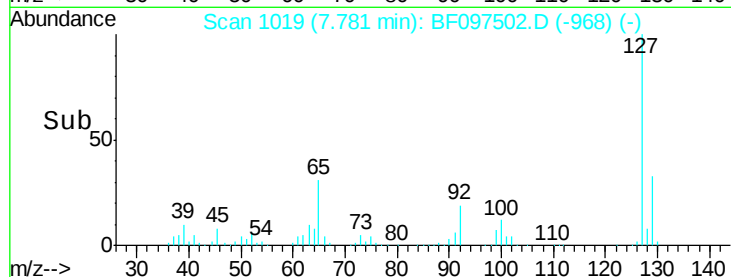


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.02 ng

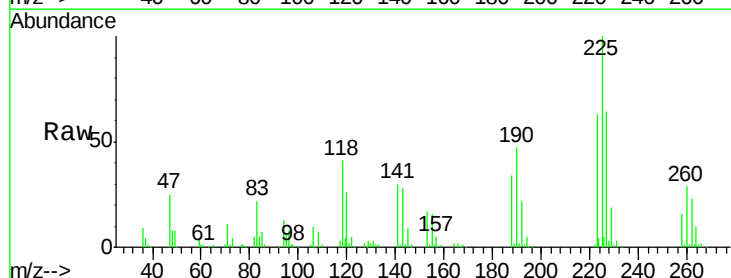
RT: 7.83 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

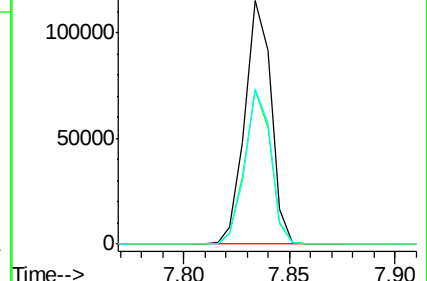
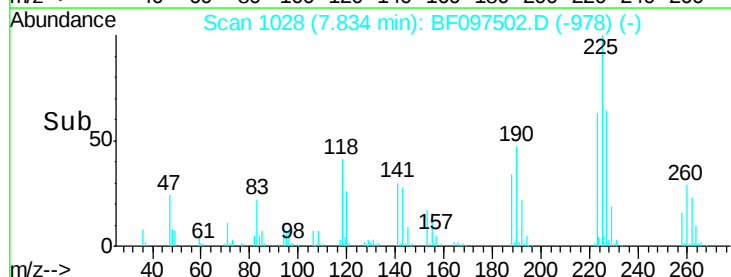
Tgt Ion:	225	Resp:	99566
Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.8	73.2
227	63.9	51.1	76.7

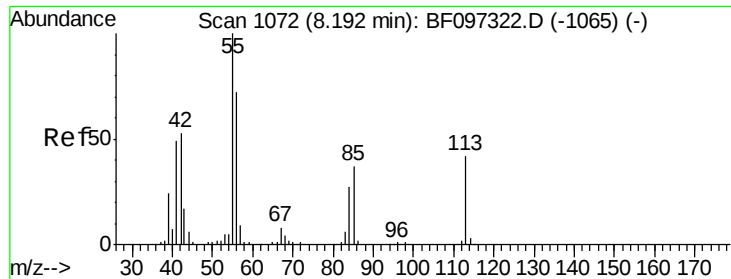


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

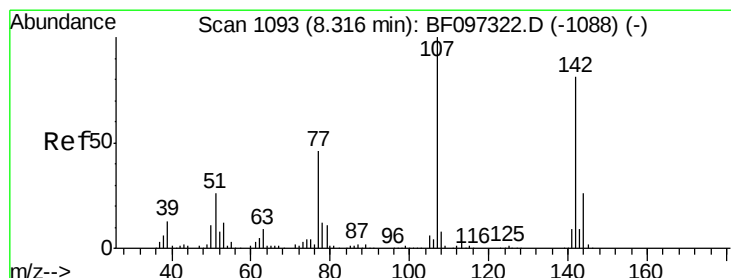
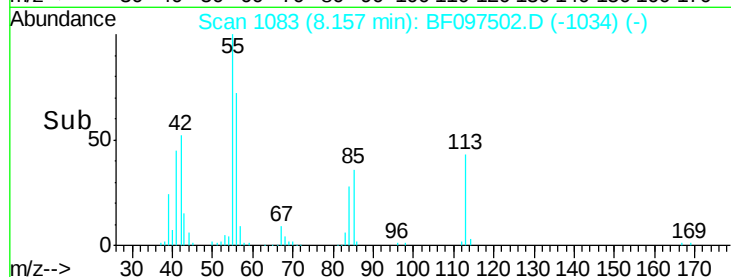
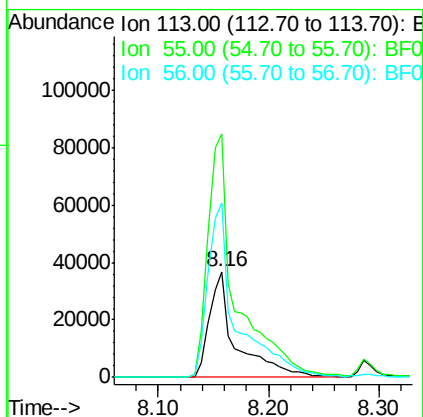
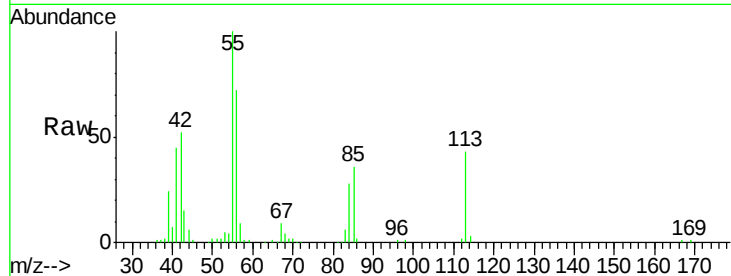




#35
 Caprolactam
 Concen: 39.51 ng
 RT: 8.16 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF097502.D
 Acq: 9 Aug 2017 7:25

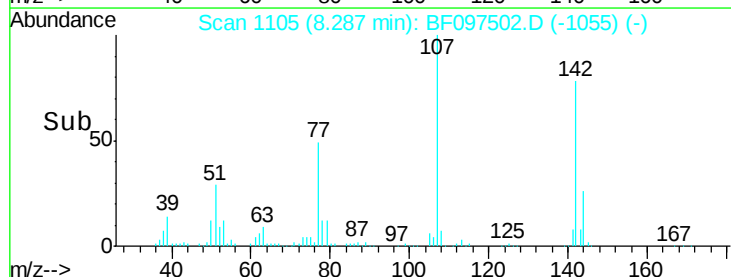
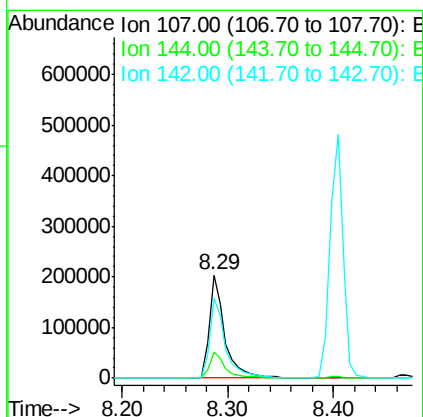
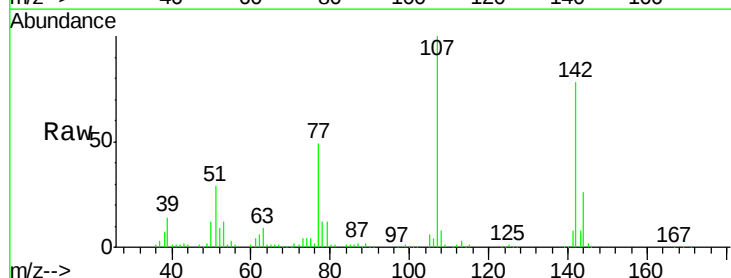
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

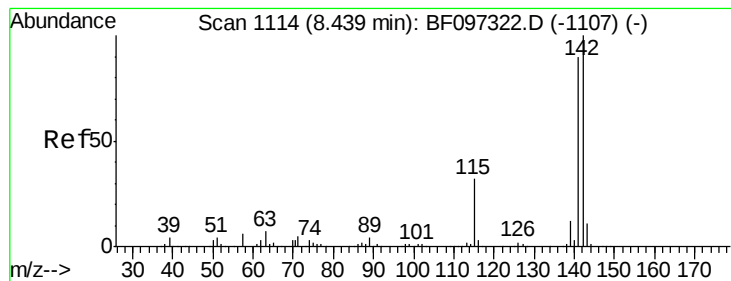
Tot Ion:113 Resp: 60857
 Ion Ratio Lower Upper
 113 100
 55 230.3 150.2 190.2#
 56 164.8 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 40.03 ng
 RT: 8.29 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF097502.D
 Acq: 9 Aug 2017 7:25

Tgt Ion:107 Resp: 209778
 Ion Ratio Lower Upper
 107 100
 144 25.6 24.2 36.4
 142 77.7 73.4 110.0





#37

2-Methylnaphthalene

Concen: 38.87 ng

RT: 8.40 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

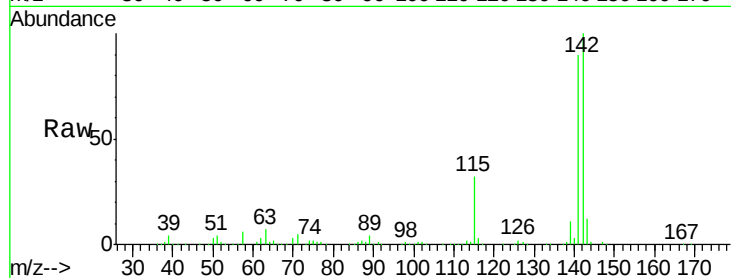
Tot Ion:142 Resp: 408206

Ion Ratio Lower Upper

142 100

141 90.2 71.3 106.9

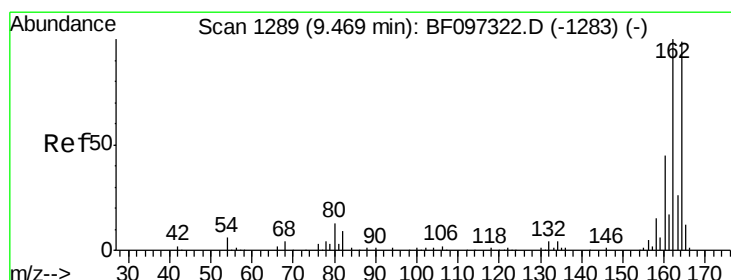
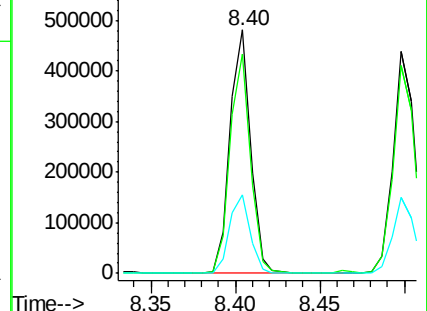
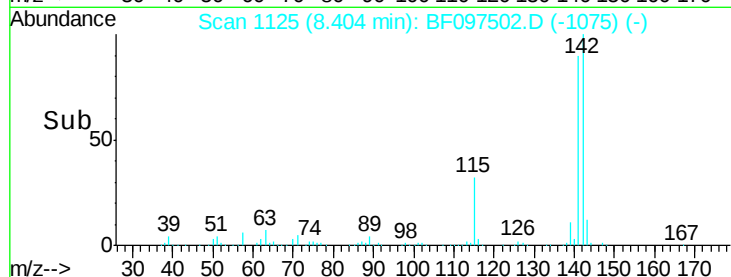
115 32.5 27.1 40.7



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: 9.43 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

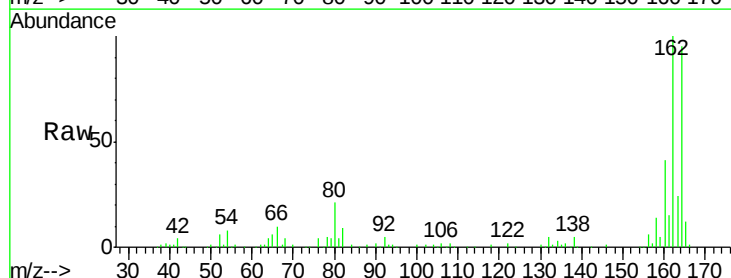
Tgt Ion:164 Resp: 132627

Ion Ratio Lower Upper

164 100

162 104.8 82.6 123.8

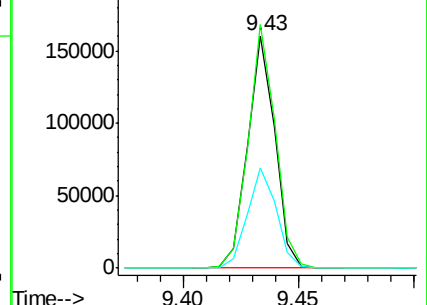
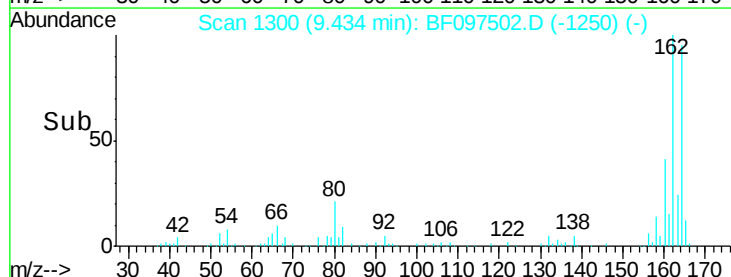
160 43.1 36.2 54.2

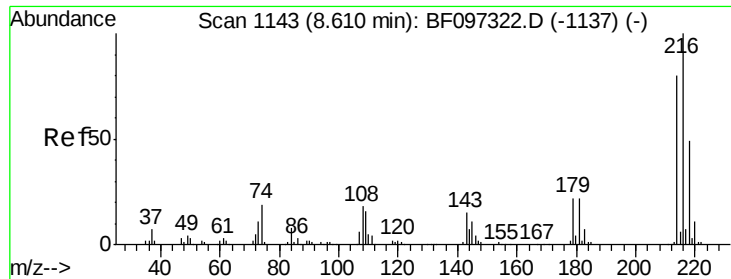


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

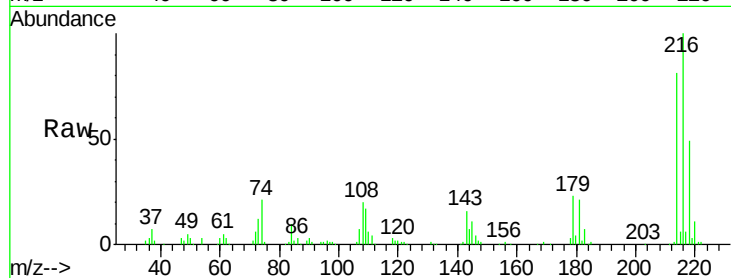




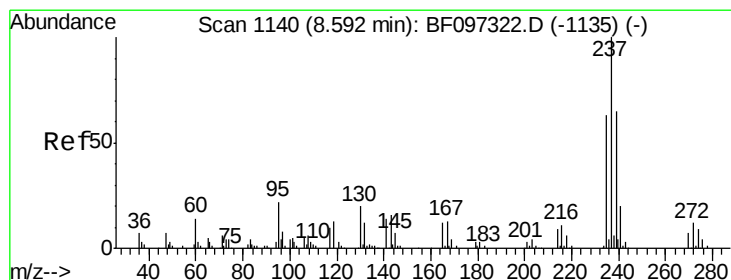
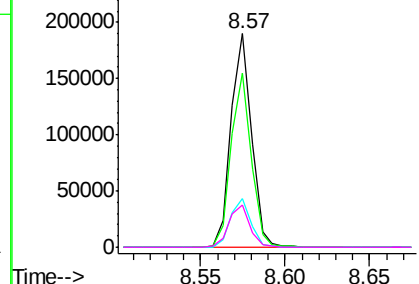
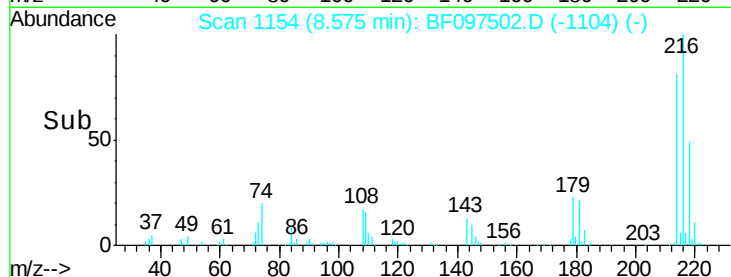
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.19 ng
 RT: 8.57 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF097502.D
 Acq: 9 Aug 2017 7:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	159903
Ion Ratio		Lower	Upper
216	100		
214	80.2	63.4	95.2
179	22.8	17.9	26.9
108	20.5	16.5	24.7

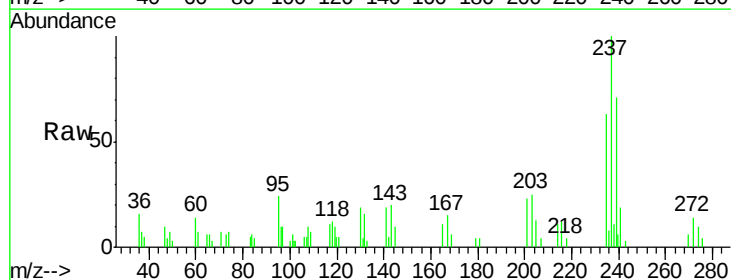


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

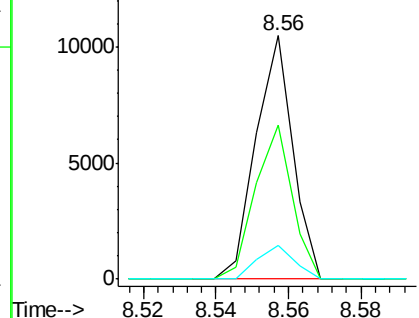
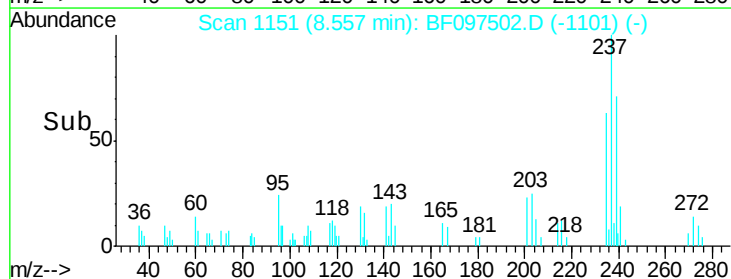


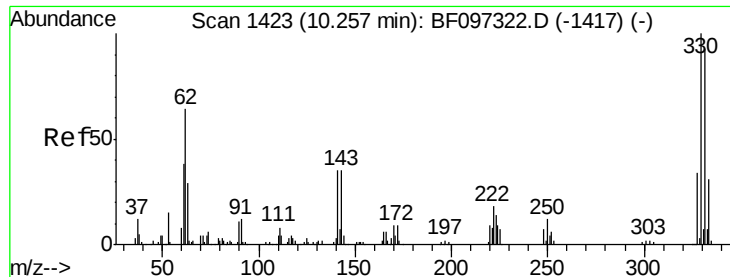
#40
 Hexachlorocyclopentadiene
 Concen: 12.06 ng
 RT: 8.56 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF097502.D
 Acq: 9 Aug 2017 7:25

Tgt Ion:	237	Resp:	7369
Ion Ratio		Lower	Upper
237	100		
235	63.3	42.6	82.6
272	13.7	0.0	31.9



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

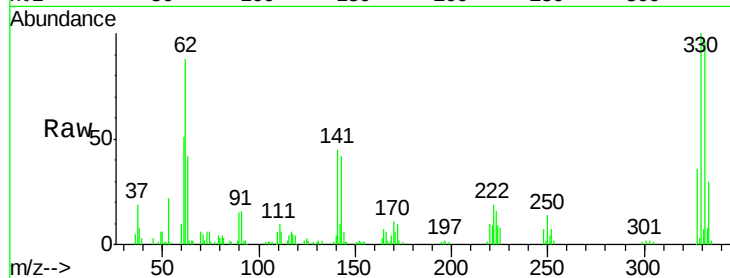




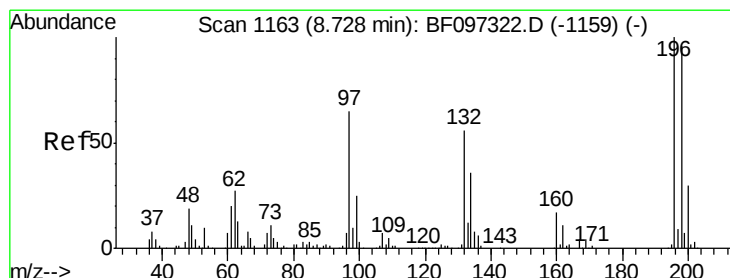
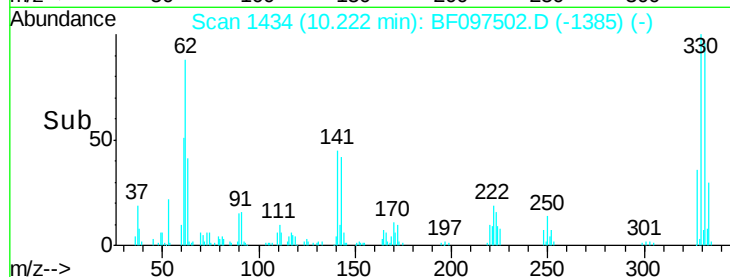
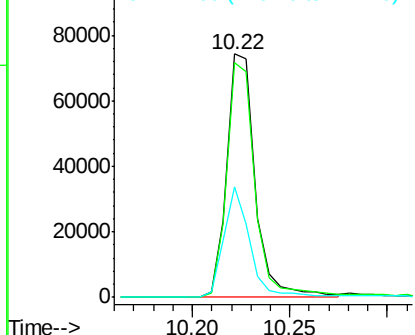
#41
 2,4,6-Tribromophenol
 Concen: 72.03 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097502.D
 Acq: 9 Aug 2017 7:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 75484
 Ion Ratio Lower Upper
 330 100
 332 99.0 76.6 115.0
 141 41.7 31.4 47.2

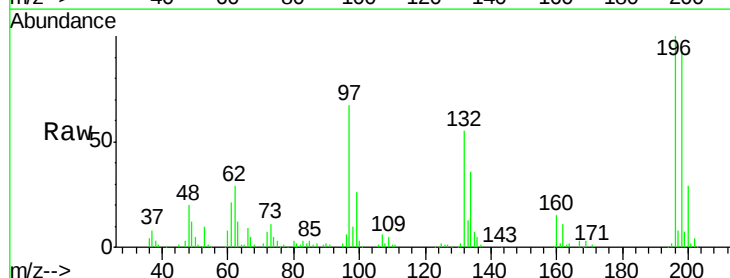


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

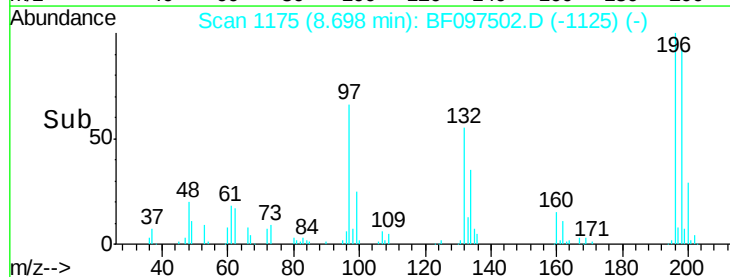
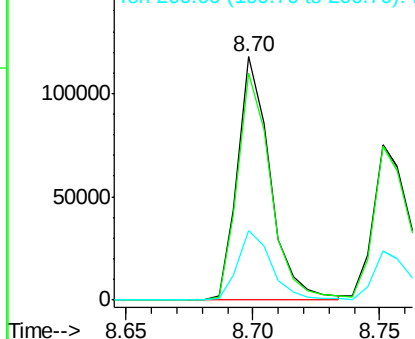


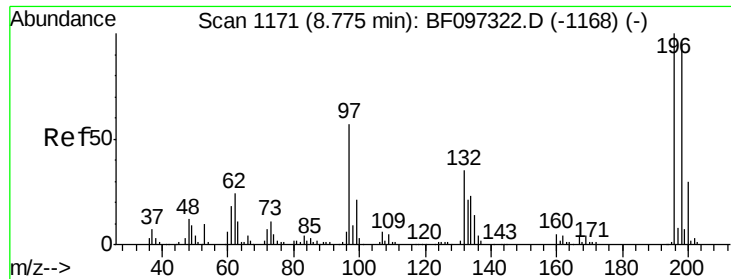
#42
 2,4,6-Trichlorophenol
 Concen: 41.21 ng
 RT: 8.70 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF097502.D
 Acq: 9 Aug 2017 7:25

Tgt Ion:196 Resp: 105683
 Ion Ratio Lower Upper
 196 100
 198 93.4 74.2 111.4
 200 28.7 24.0 36.0



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

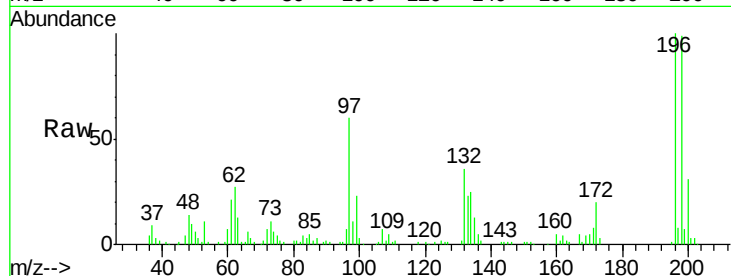




#43
 2,4,5-Trichlorophenol
 Concen: 38.18 ng
 RT: 8.75 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF097502.D
 Acq: 9 Aug 2017 7:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.3	75.7	113.5
97	59.9	47.7	71.5
132	36.3	28.0	42.0



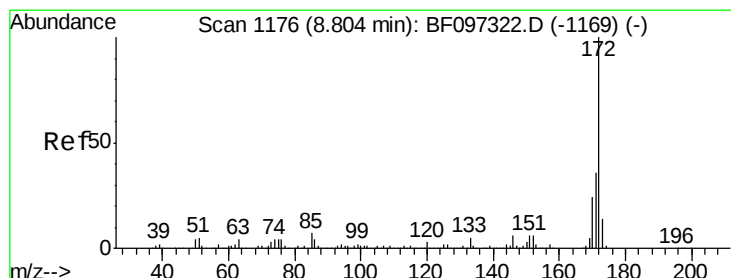
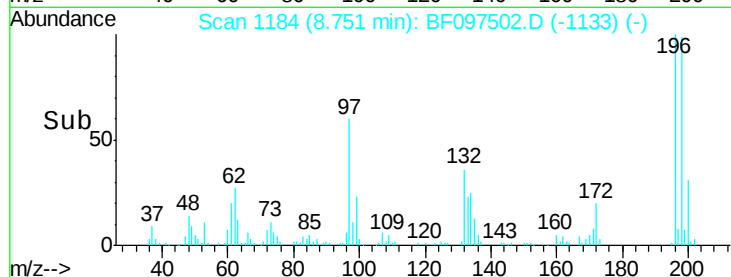
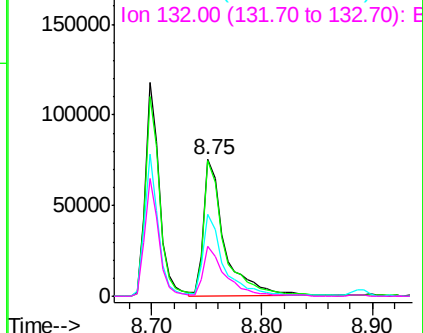
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

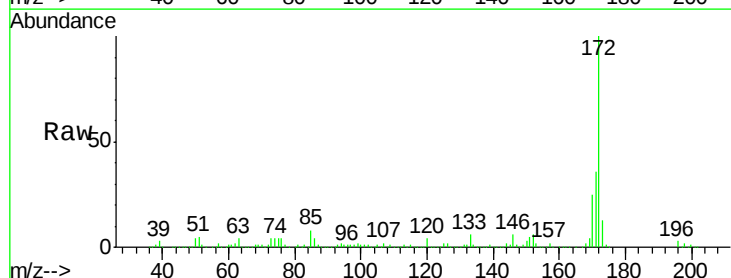
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.65 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097502.D
 Acq: 9 Aug 2017 7:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.5	19.8	29.8

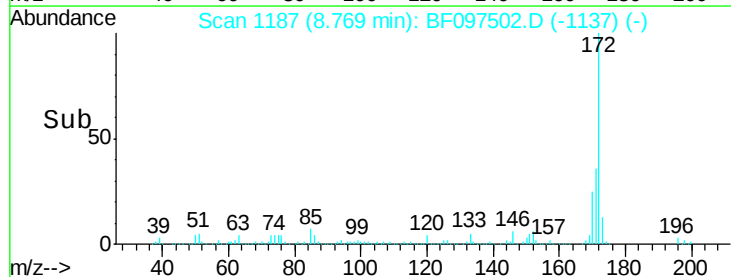
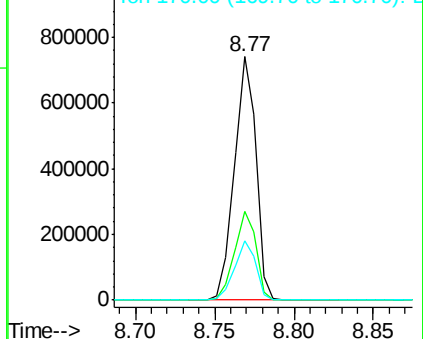


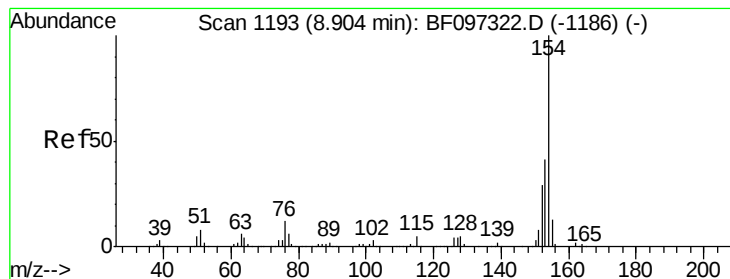
Abundance

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: 44.02 ng

RT: 8.87 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

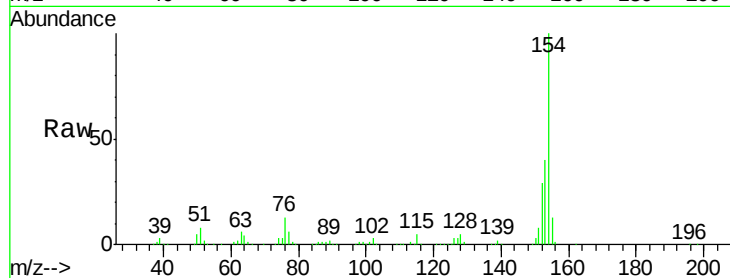
Tot Ion:154 Resp: 498619

Ion Ratio Lower Upper

154 100

153 40.2 21.2 61.2

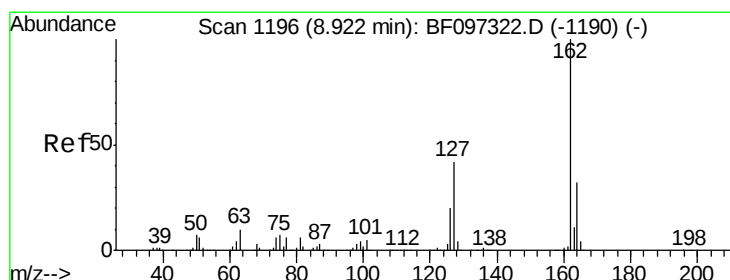
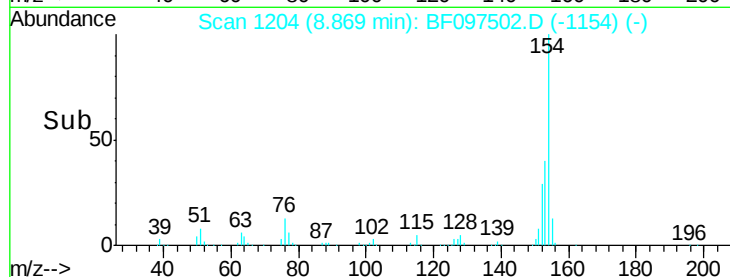
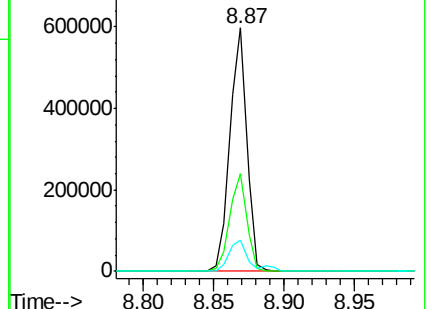
76 12.6 0.0 29.9



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: 42.95 ng

RT: 8.89 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

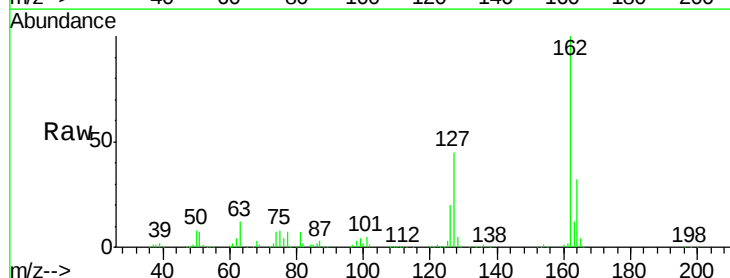
Tgt Ion:162 Resp: 358013

Ion Ratio Lower Upper

162 100

127 44.6 28.3 42.5#

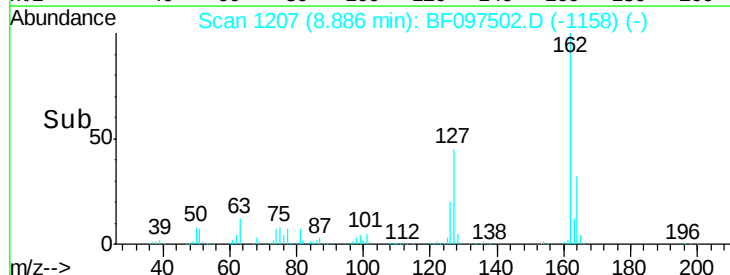
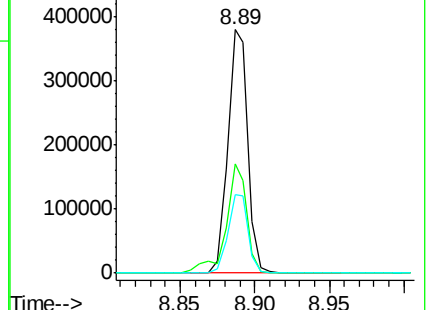
164 32.2 27.0 40.4

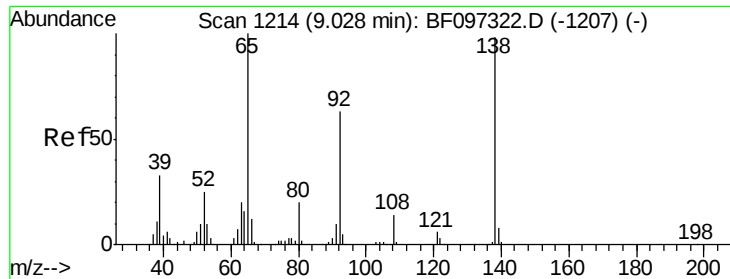


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

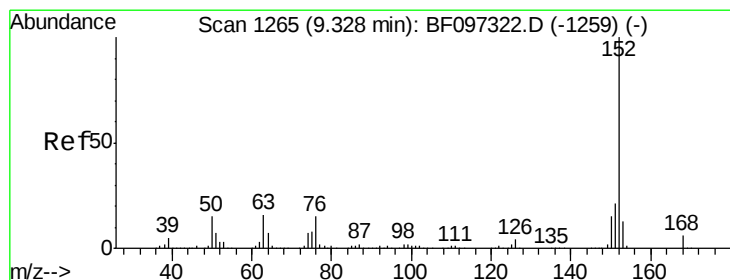
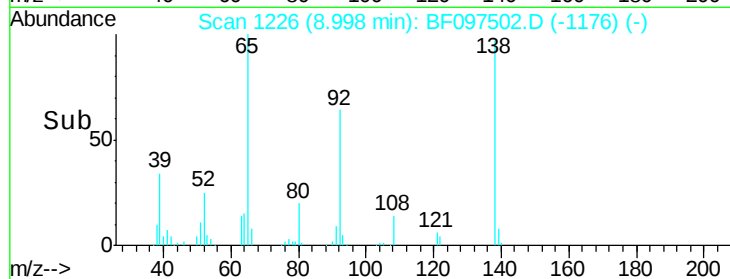
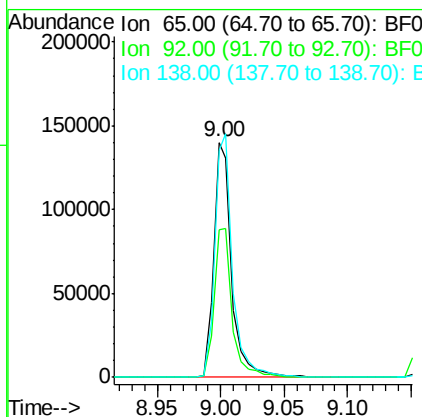
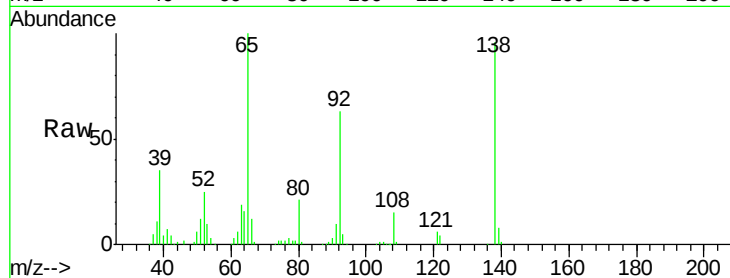




#47
2-Nitroaniline
Concen: 46.15 ng
RT: 9.00 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

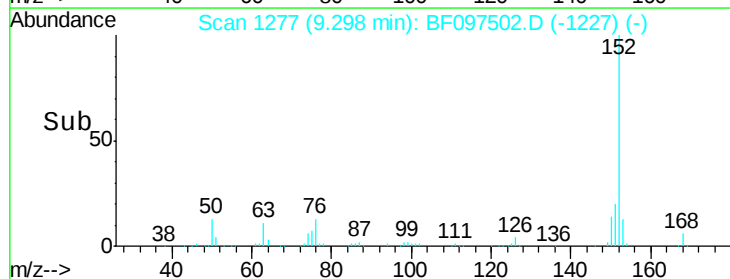
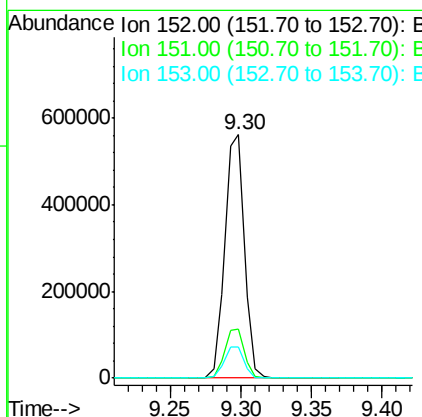
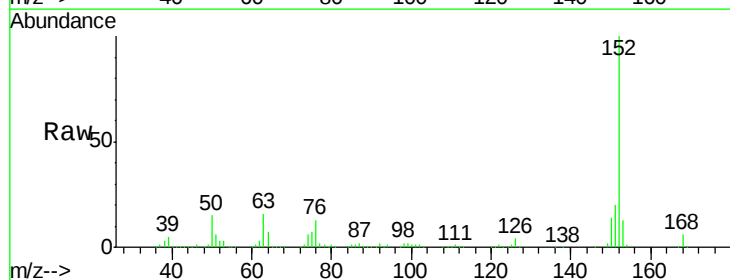
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

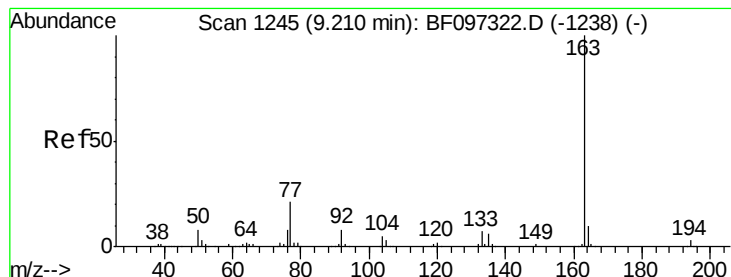
Tot Ion	Ratio	Lower	Upper
65	100		
92	63.0	53.9	80.9
138	96.4	78.8	118.2



#48
Acenaphthylene
Concen: 42.16 ng
RT: 9.30 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	12.9	10.8	16.2





#49

Dimethylphthalate

Concen: 43.25 ng

RT: 9.17 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

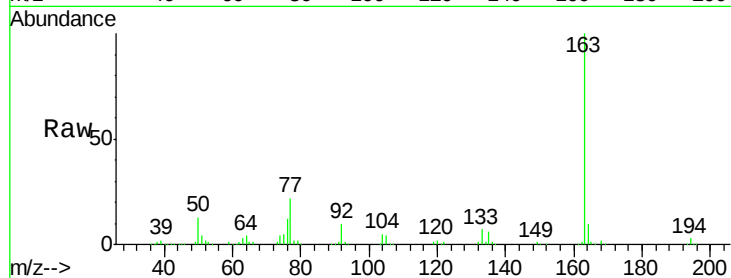
Tot Ion:163 Resp: 435554

Ion Ratio Lower Upper

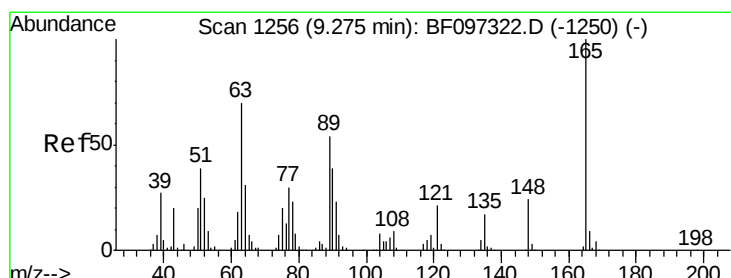
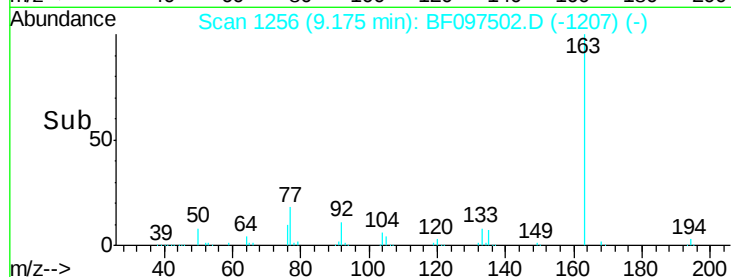
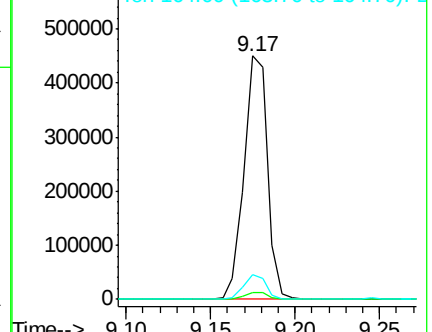
163 100

194 2.9 2.6 4.0

164 10.2 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: 39.40 ng

RT: 9.25 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

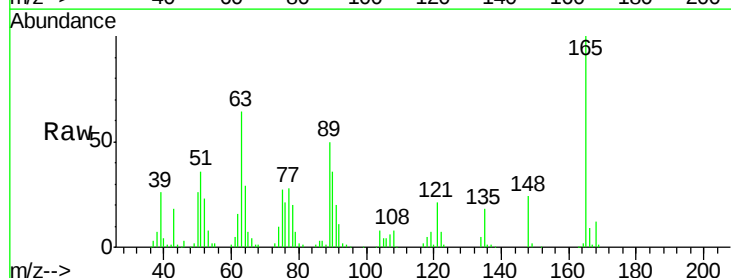
Tgt Ion:165 Resp: 84153

Ion Ratio Lower Upper

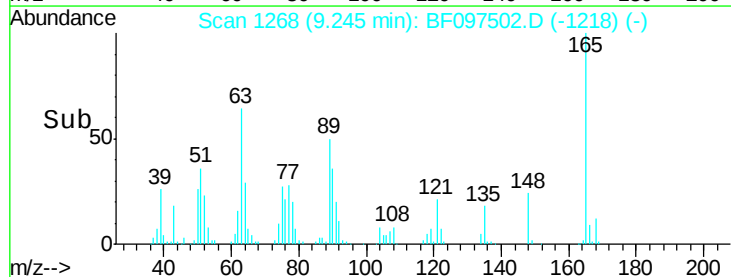
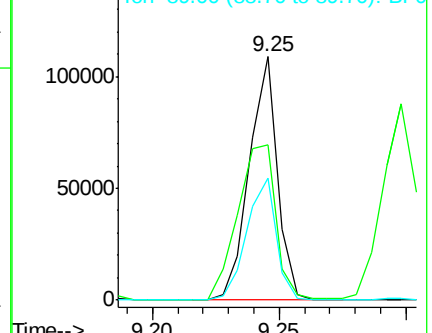
165 100

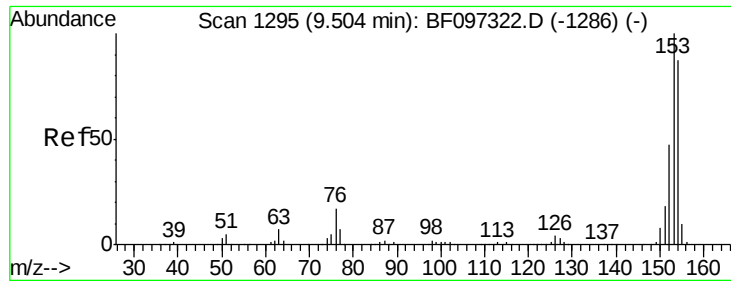
63 63.9 34.3 51.5#

89 49.9 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: 41.69 ng

RT: 9.47 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

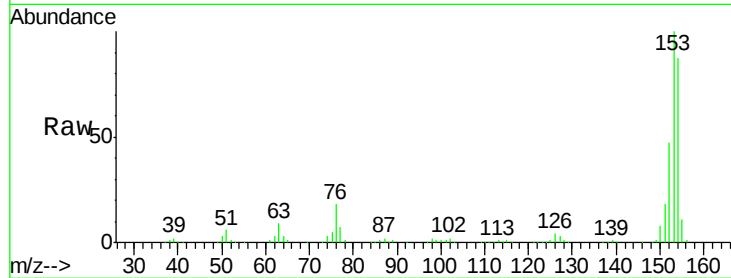
Tot Ion:154 Resp: 314200

Ion Ratio Lower Upper

154 100

153 114.5 90.5 135.7

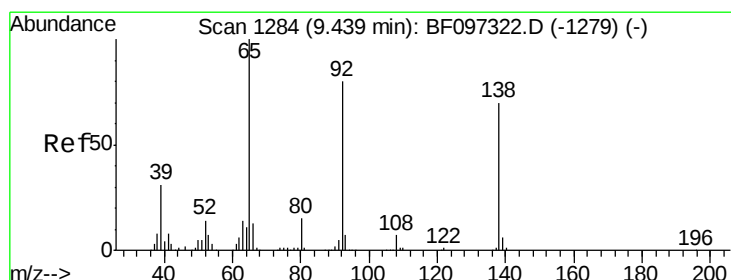
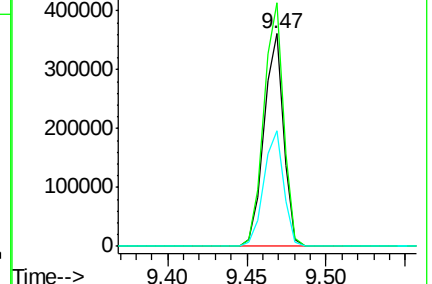
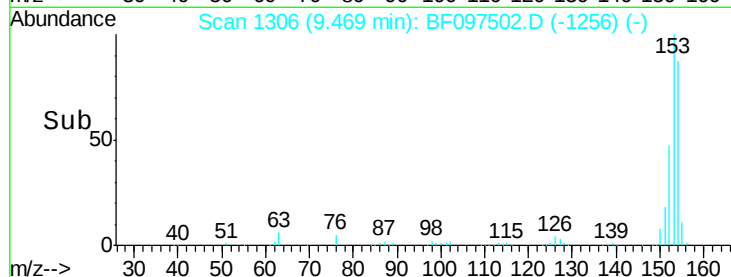
152 54.1 43.6 65.4



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: 44.61 ng

RT: 9.41 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

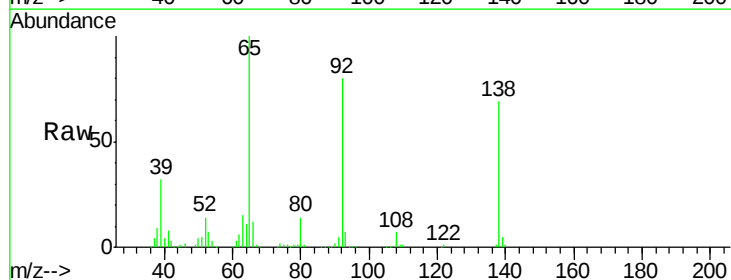
Tgt Ion:138 Resp: 118269

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

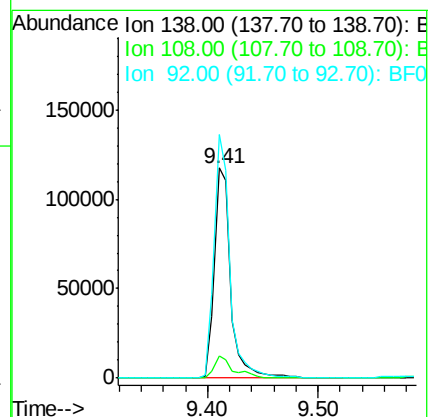
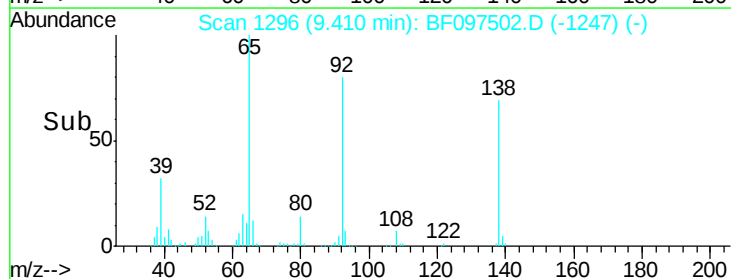
92 115.9 93.8 140.6

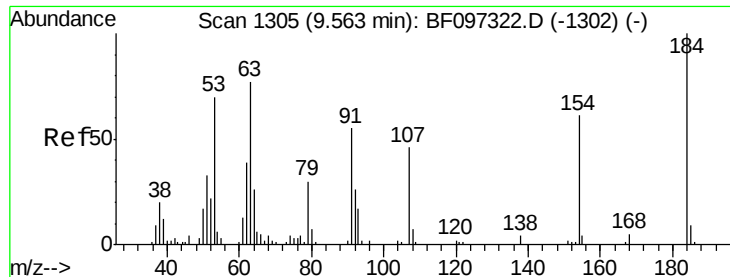


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

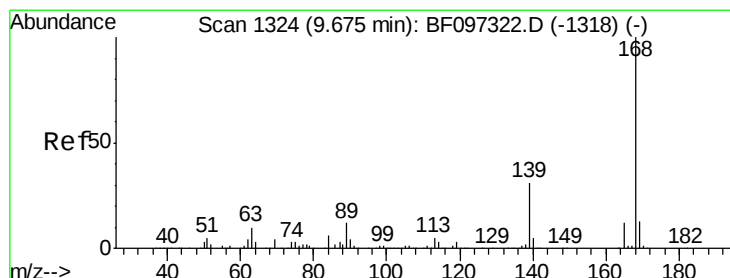
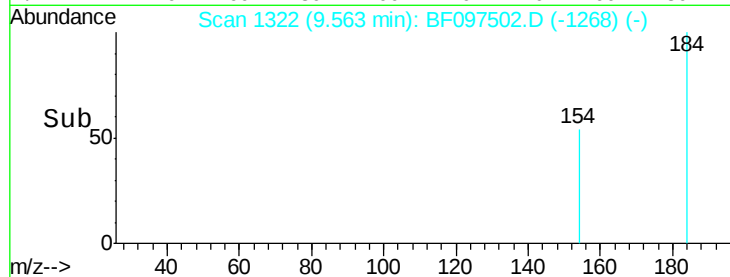
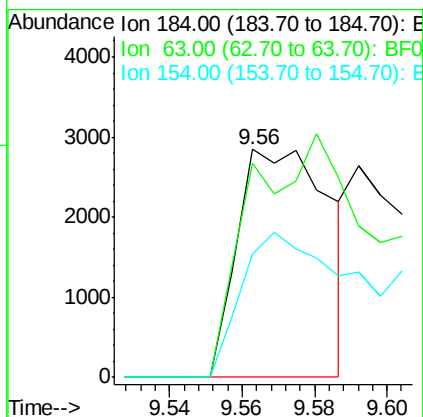
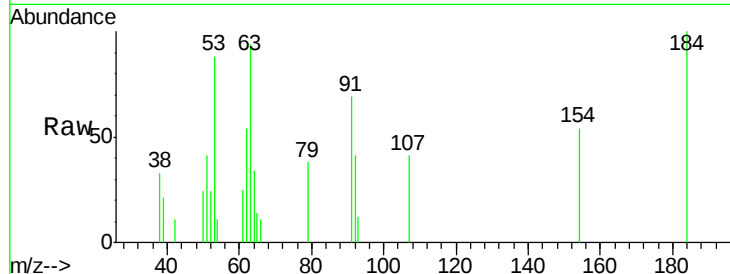




#53
 2,4-Dinitrophenol
 Concen: 5.16 ng
 RT: 9.56 min Scan# 1322
 Delta R.T. 0.02 min
 Lab File: BF097502.D
 Acq: 9 Aug 2017 7:25

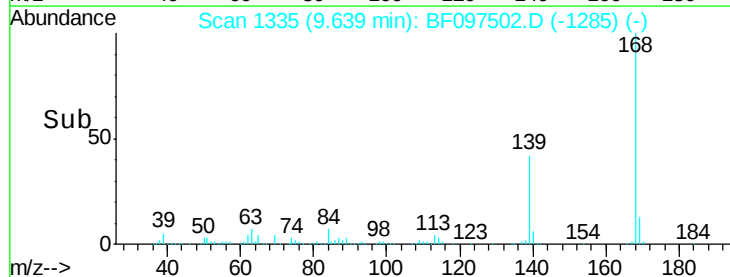
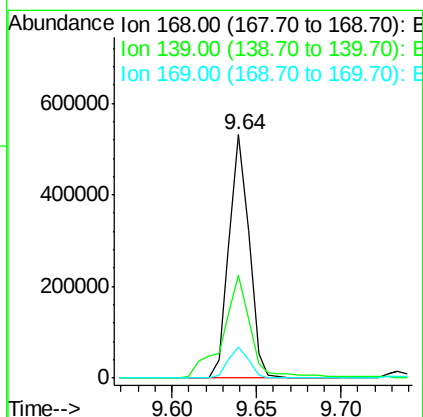
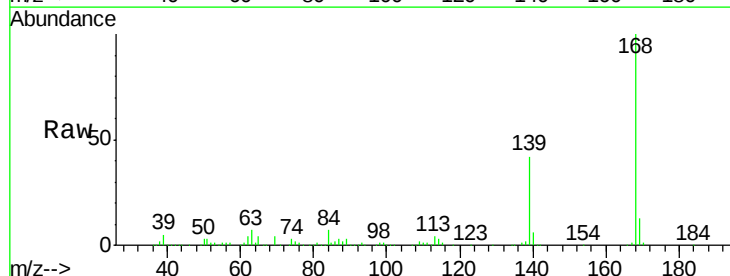
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

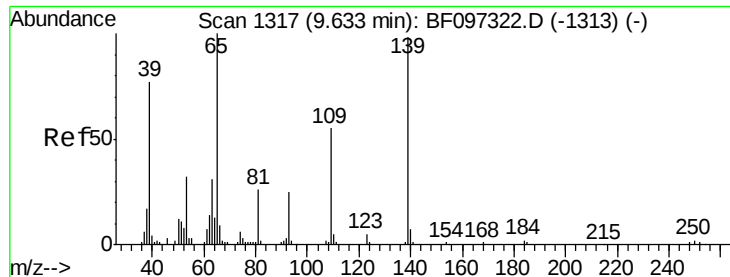
Tot Ion:184 Resp: 5009
 Ion Ratio Lower Upper
 184 100
 63 94.3 62.7 94.1#
 154 53.9 81.1 121.7#



#54
 Dibenzofuran
 Concen: 43.70 ng
 RT: 9.64 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF097502.D
 Acq: 9 Aug 2017 7:25

Tgt Ion:168 Resp: 438734
 Ion Ratio Lower Upper
 168 100
 139 42.1 30.6 45.8
 169 12.9 10.8 16.2

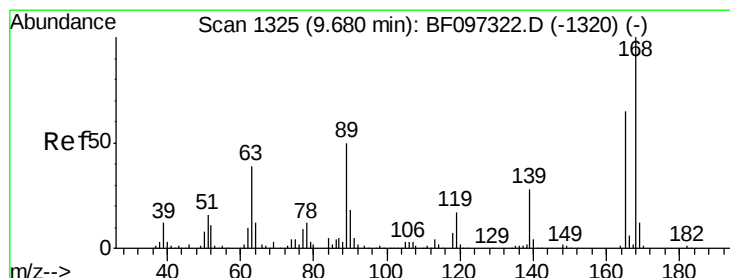
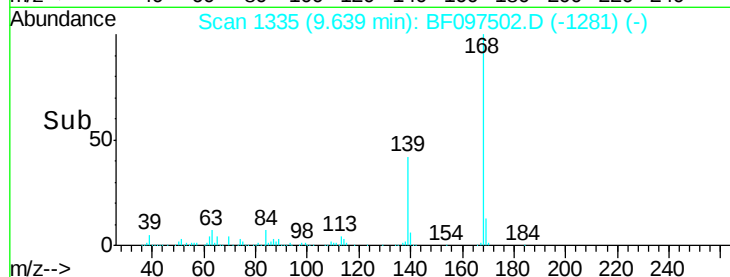
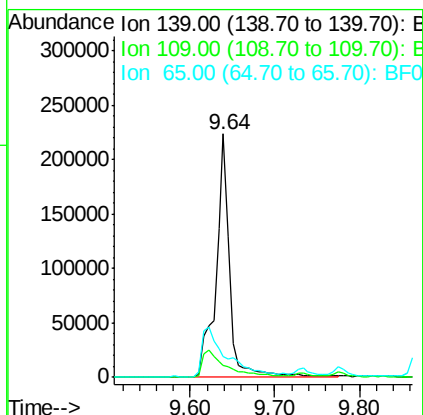
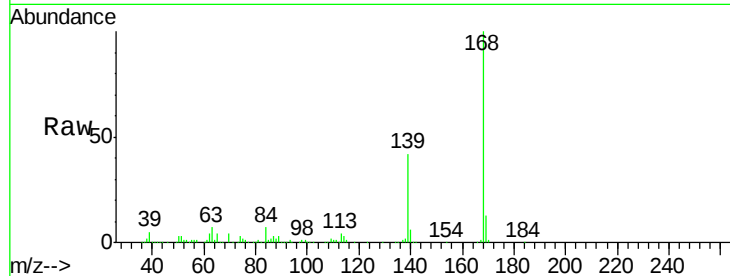




#55
4-Nitrophenol
Concen: 166.11 ng
RT: 9.64 min Scan# 1335
Delta R.T. 0.02 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

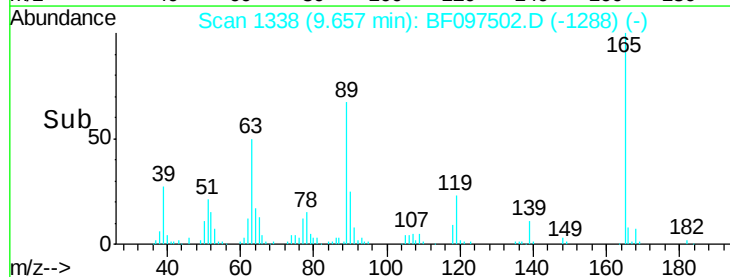
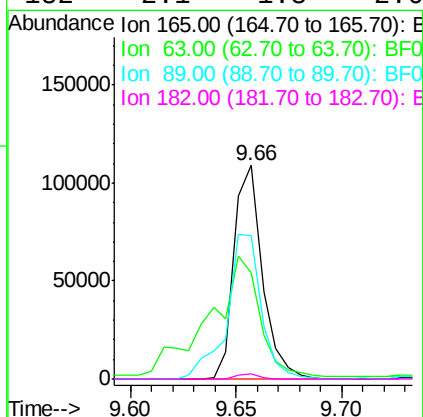
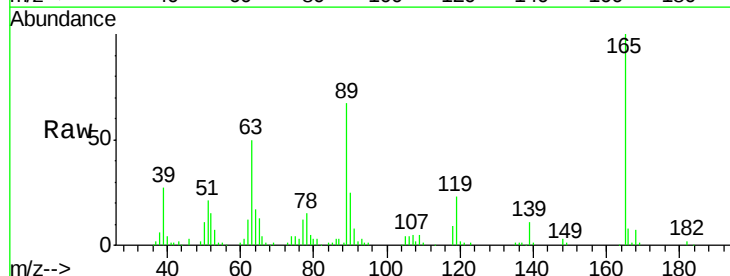
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

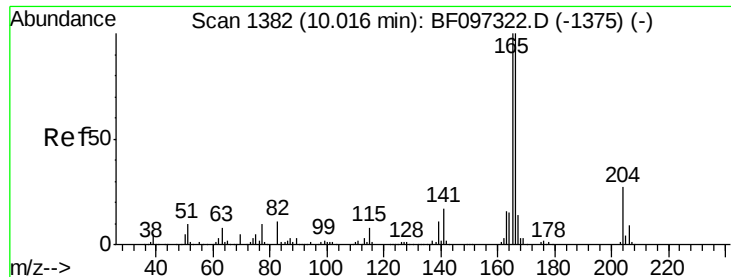
Tot Ion	Ratio	Lower	Upper
139	100		
109	4.8	34.1	74.1#
65	8.8	31.4	71.4#



#56
2,4-Dinitrotoluene
Concen: 41.08 ng
RT: 9.66 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.6	25.4	38.0#
89	67.2	46.4	69.6
182	2.1	1.8	2.6





#57

Fluorene

Concen: 43.40 ng

RT: 9.98 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

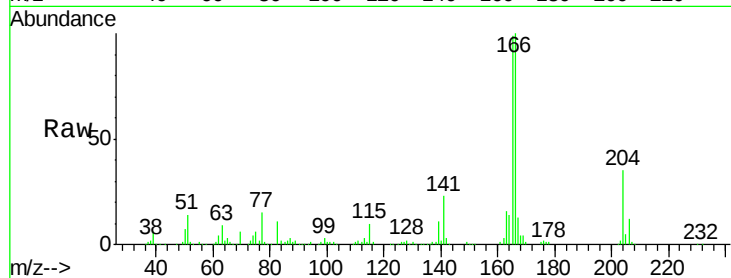
Tot Ion:166 Resp: 327494

Ion Ratio Lower Upper

166 100

165 98.6 78.8 118.2

167 13.1 10.6 16.0

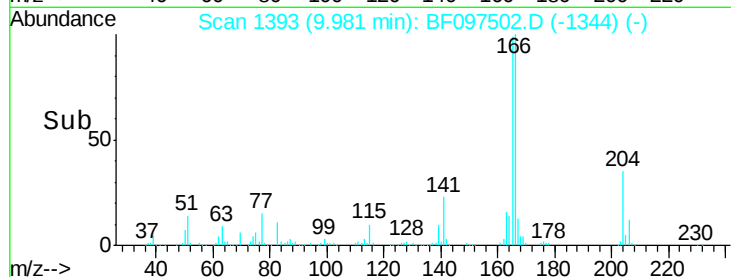


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



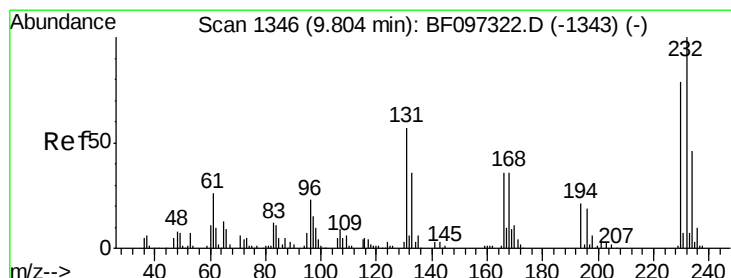
Abundance

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

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.17 ng

RT: 9.77 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Tgt Ion:232 Resp: 64108

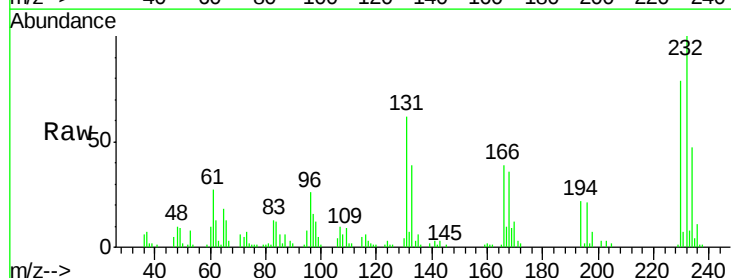
Ion Ratio Lower Upper

232 100

131 55.7 44.8 67.2

130 2.3 2.3 3.5#

166 37.0 29.0 43.4



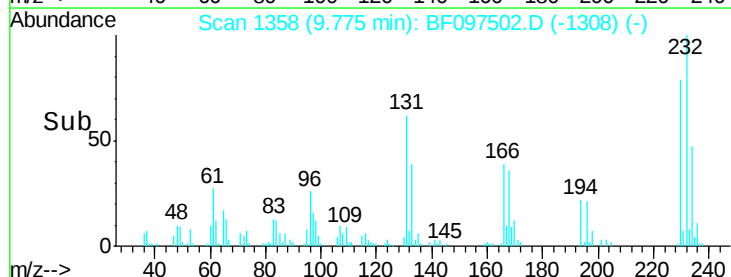
Abundance Ion 232.00 (231.70 to 232.70): E

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

Time-->



Abundance

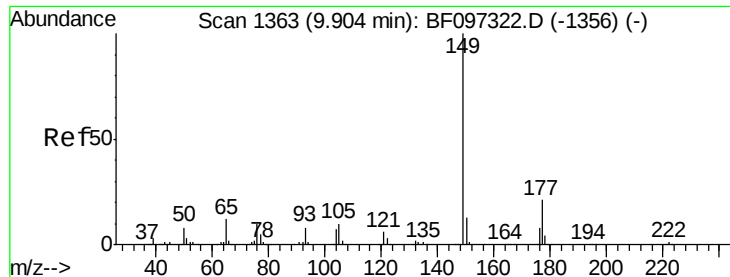
Ion 232.00 (231.70 to 232.70): E

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

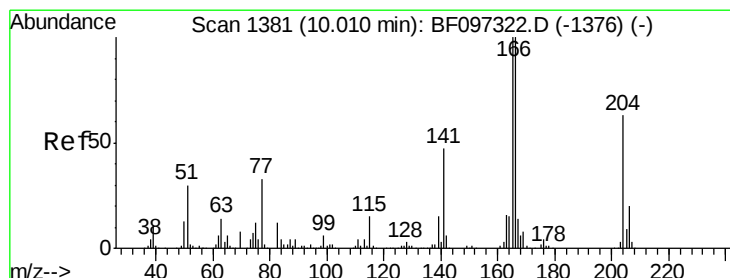
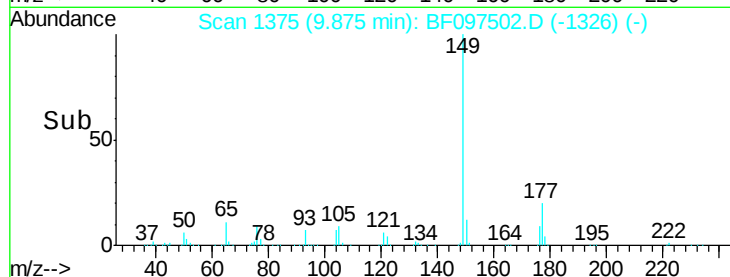
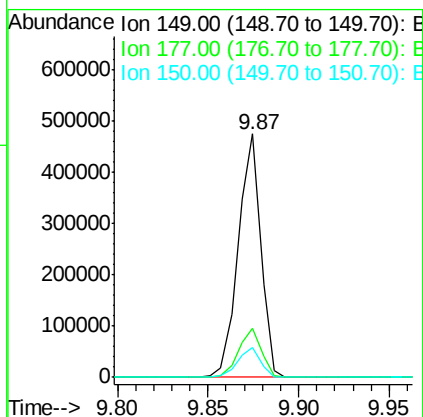
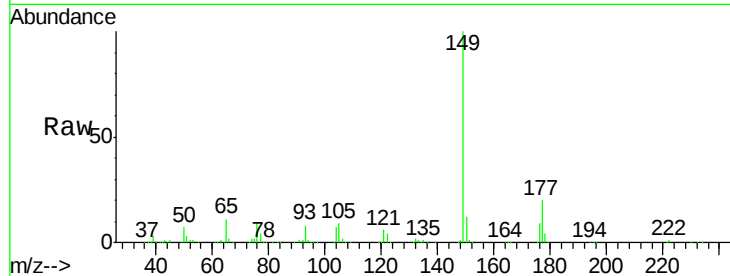
Time-->



#59
Diethylphthalate
Concen: 44.43 ng
RT: 9.87 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

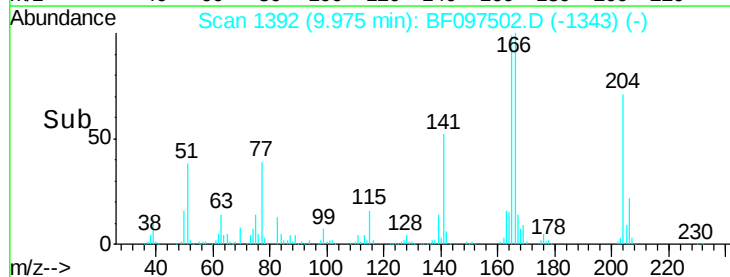
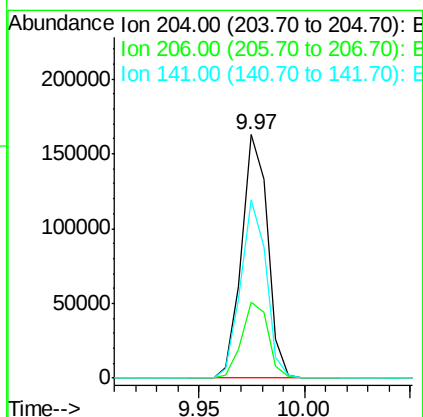
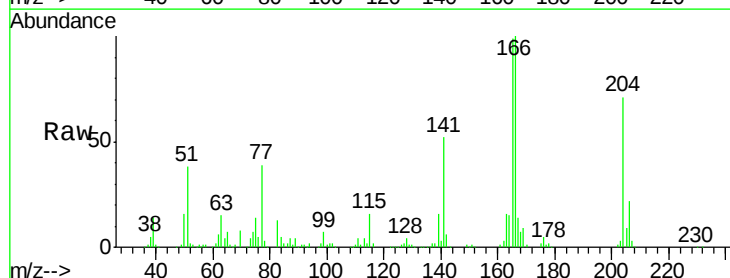
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

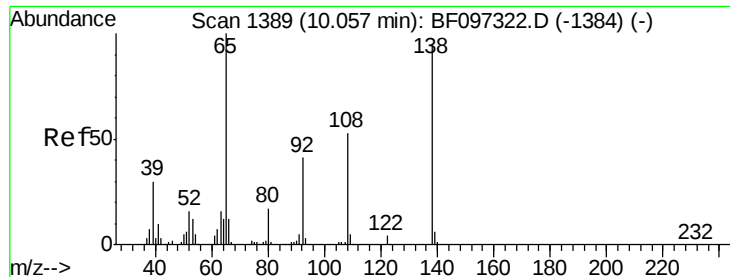
Tot Ion:149 Resp: 410488
Ion Ratio Lower Upper
149 100
177 20.4 16.7 25.1
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.58 ng
RT: 9.97 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

Tgt Ion:204 Resp: 138896
Ion Ratio Lower Upper
204 100
206 31.4 26.2 39.2
141 73.3 60.8 91.2

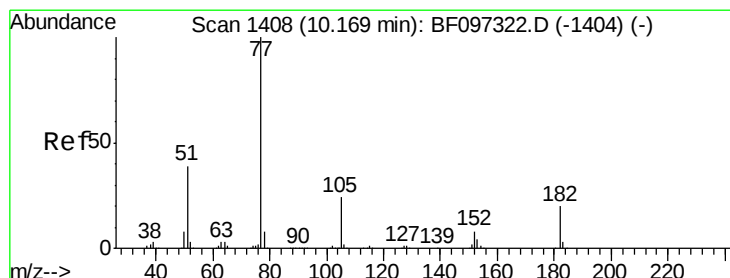
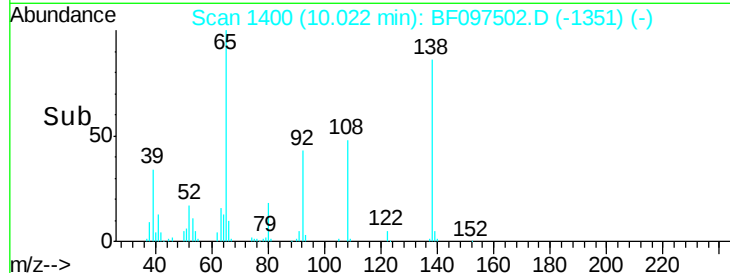
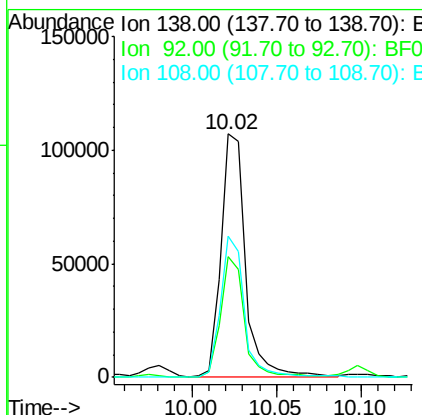
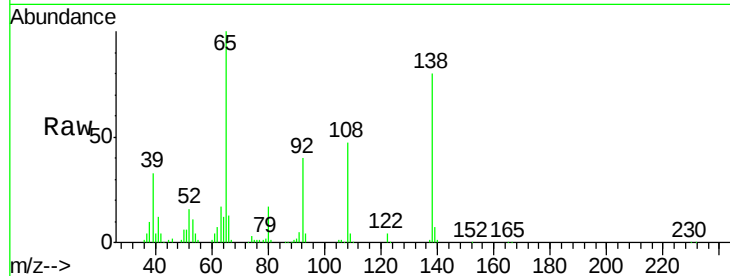




#61
4-Nitroaniline
Concen: 42.65 ng
RT: 10.02 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

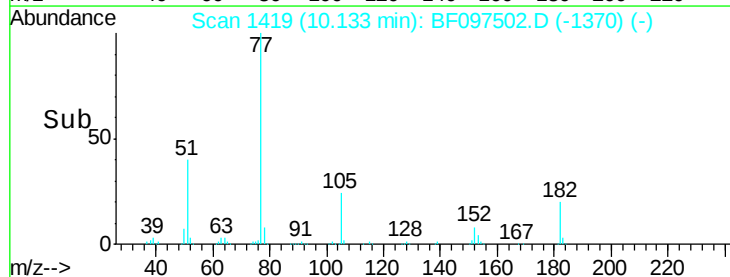
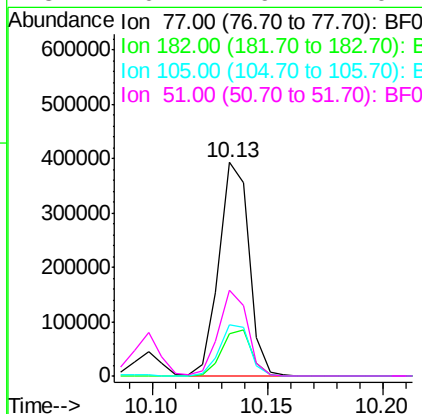
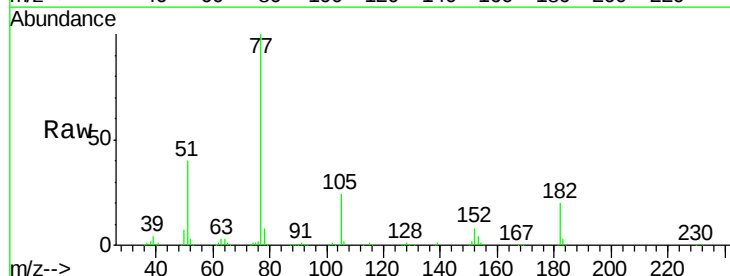
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

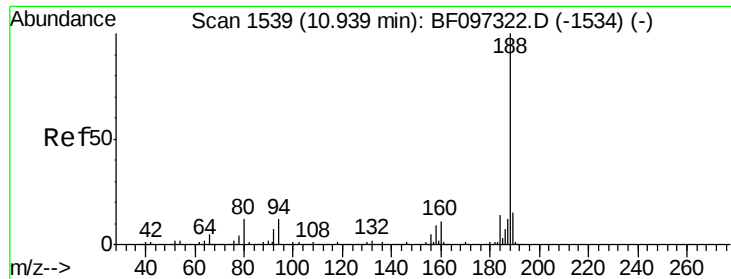
Tot Ion:138 Resp: 107458
Ion Ratio Lower Upper
138 100
92 49.7 21.8 61.8
108 58.1 42.3 82.3



#62
Azobenzene
Concen: 41.36 ng
RT: 10.13 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

Tgt Ion: 77 Resp: 354494
Ion Ratio Lower Upper
77 100
182 20.0 0.1 40.1
105 23.8 3.6 43.6
51 40.2 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

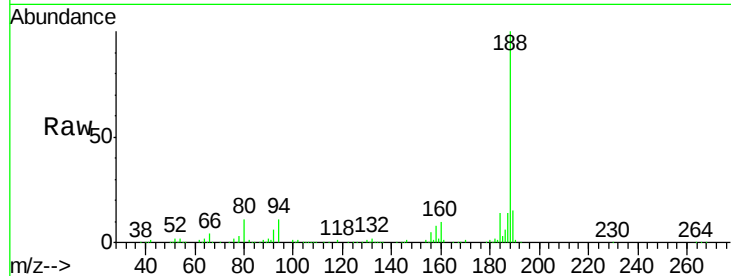
Tot Ion:188 Resp: 196739

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

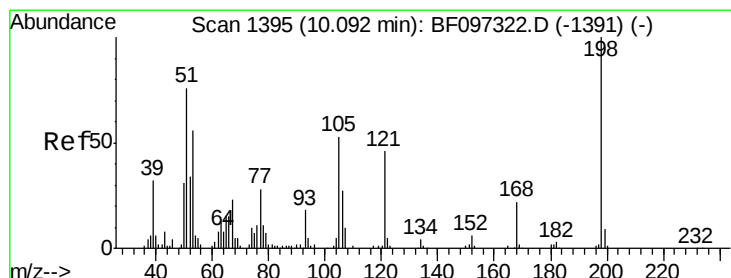
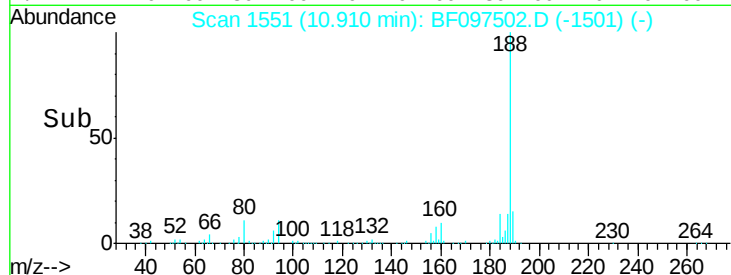
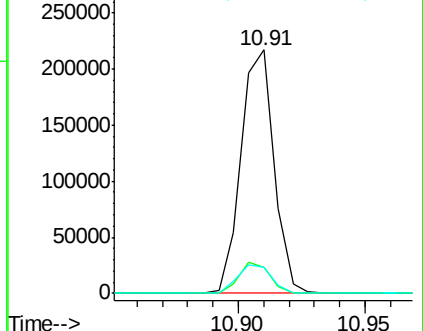
80 10.7 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 10.12 ng

RT: 10.07 min Scan# 1409

Delta R.T. 0.00 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

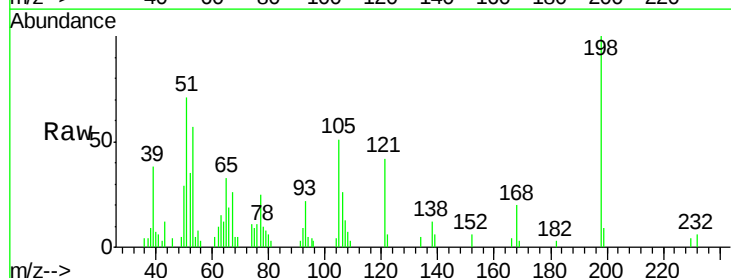
Tgt Ion:198 Resp: 12374

Ion Ratio Lower Upper

198 100

51 71.4 53.2 93.2

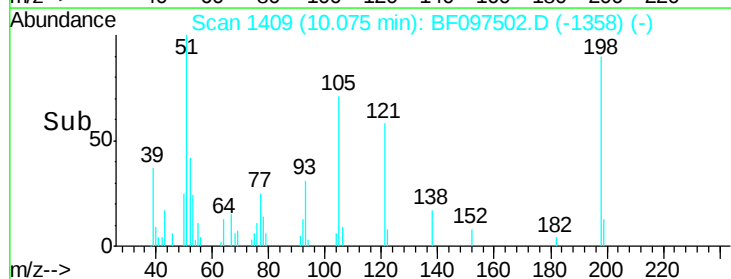
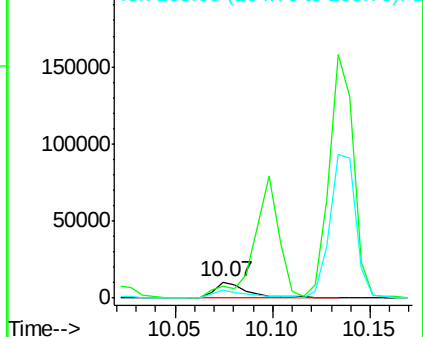
105 50.5 45.8 85.8

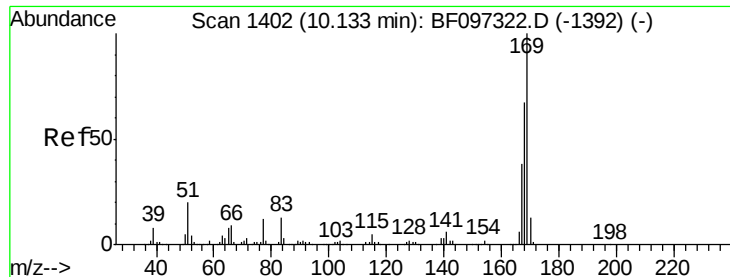


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

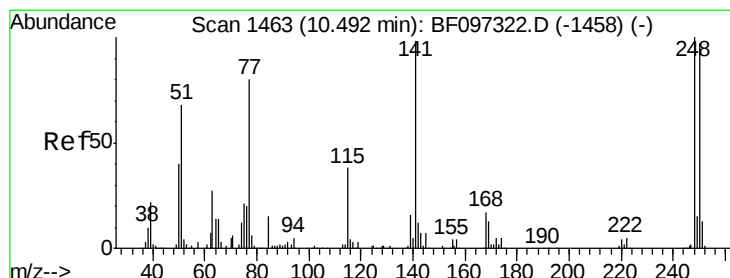
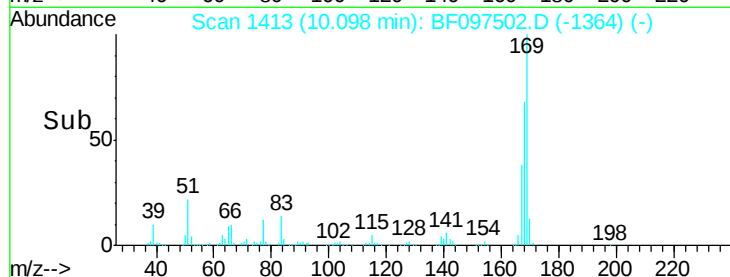
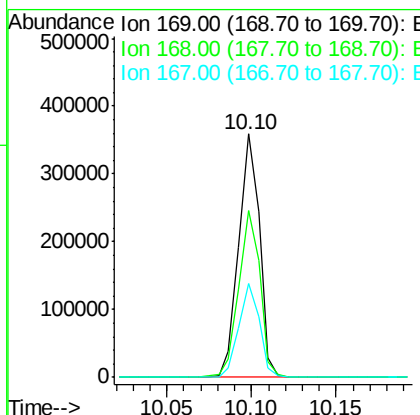
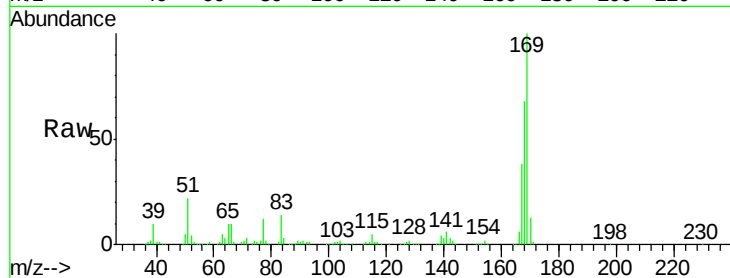




#65
n-Nitrosodiphenylamine
Concen: 44.88 ng
RT: 10.10 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

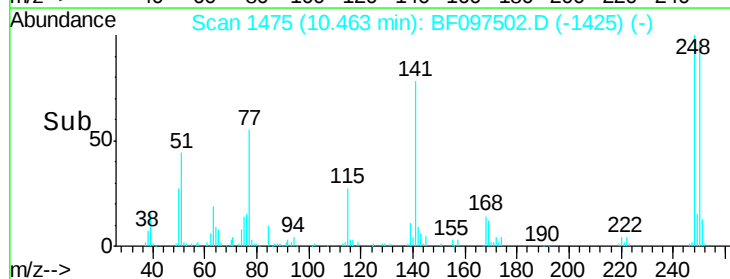
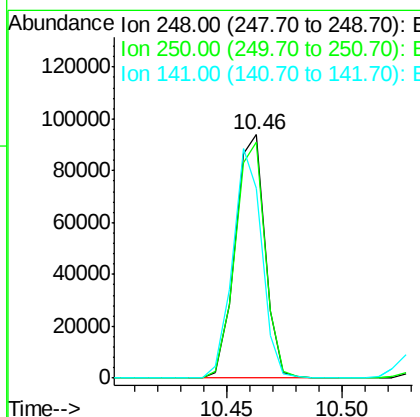
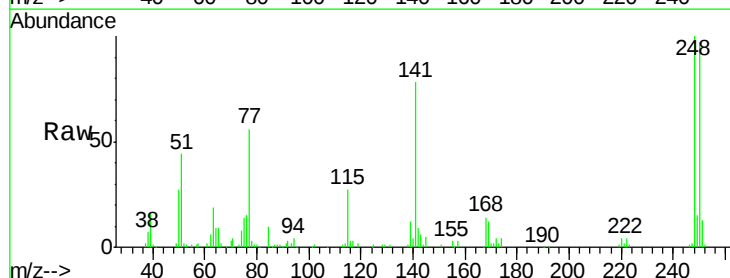
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

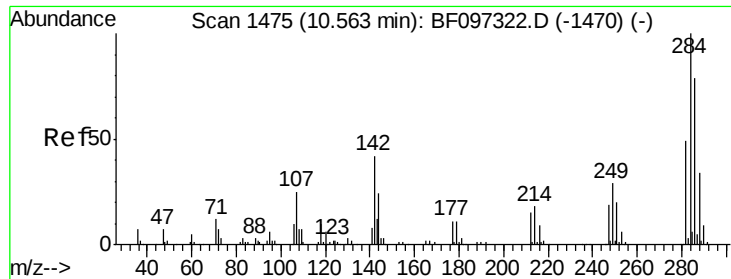
Tot Ion:169 Resp: 307197
Ion Ratio Lower Upper
169 100
168 68.3 53.2 79.8
167 38.3 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 43.11 ng
RT: 10.46 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

Tgt Ion:248 Resp: 84648
Ion Ratio Lower Upper
248 100
250 97.0 76.8 115.2
141 77.7 68.6 103.0

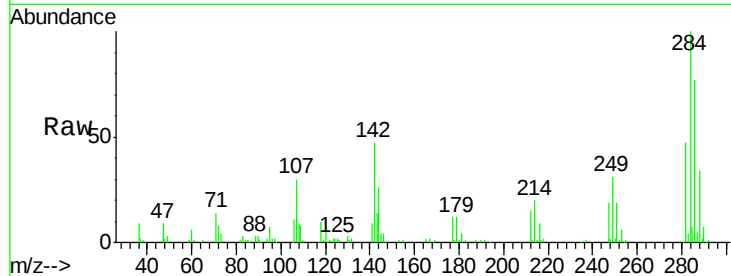




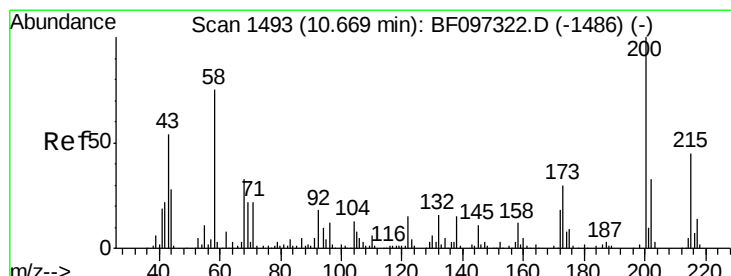
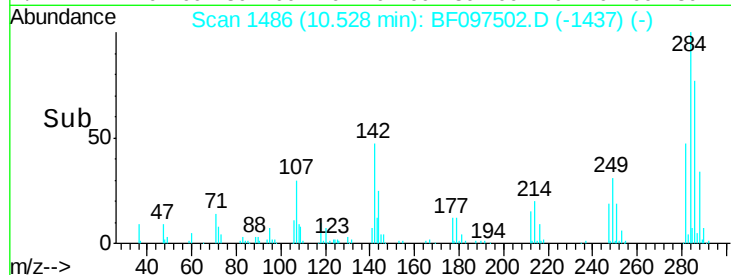
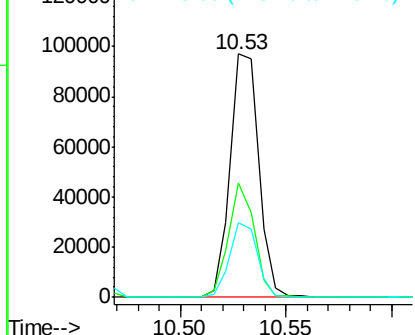
#67
Hexachlorobenzene
Concen: 41.30 ng
RT: 10.53 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 90925
Ion Ratio Lower Upper
284 100
142 47.0 22.8 34.2#
249 30.7 24.0 36.0

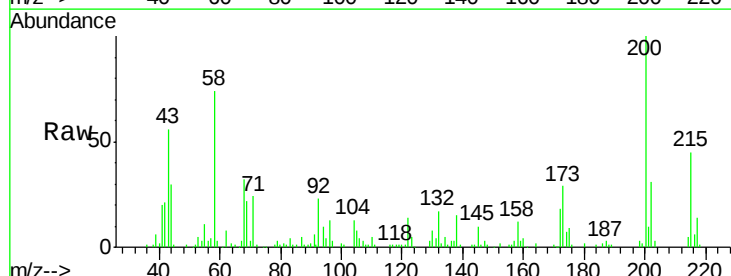


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

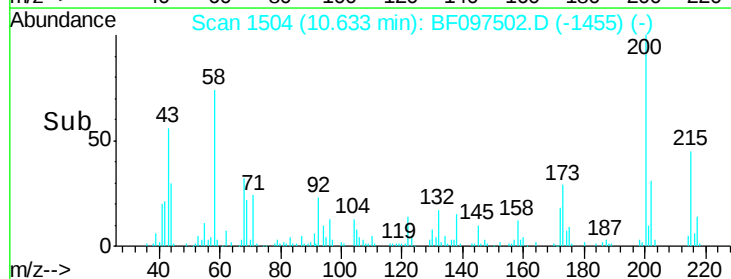
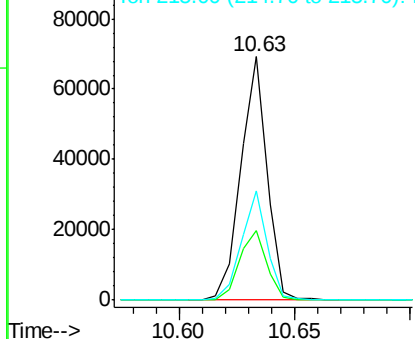


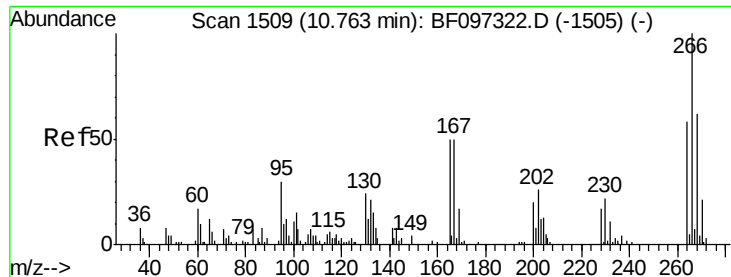
#68
Atrazine
Concen: 27.99 ng
RT: 10.63 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

Tgt Ion:200 Resp: 54934
Ion Ratio Lower Upper
200 100
173 28.7 6.3 46.3
215 45.0 27.2 67.2



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

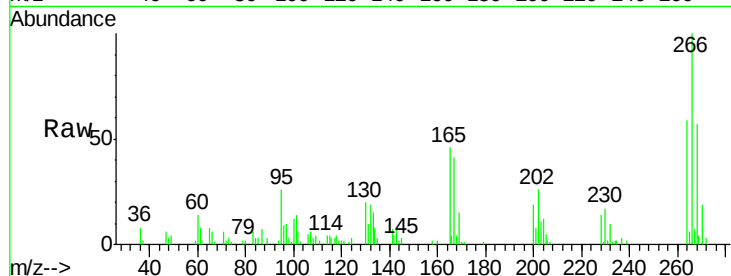




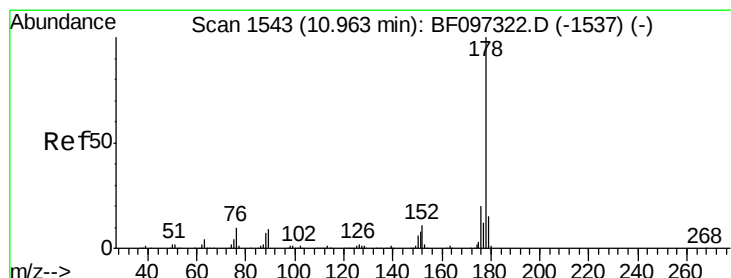
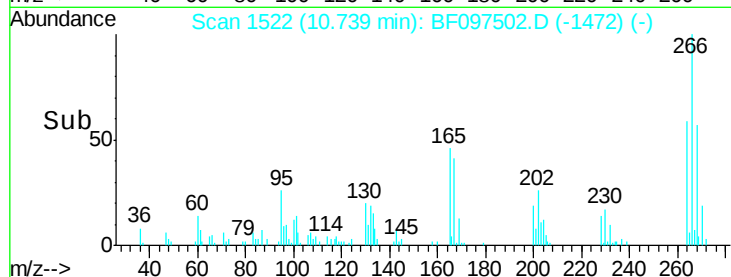
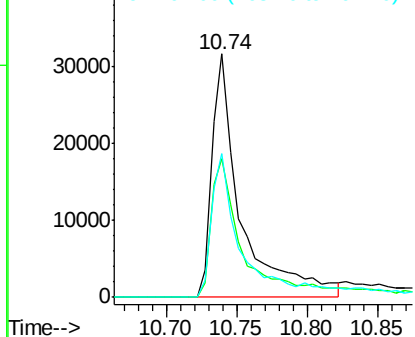
#69
 Pentachlorophenol
 Concen: 49.94 ng
 RT: 10.74 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BF097502.D
 Acq: 9 Aug 2017 7:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 45493
 Ion Ratio Lower Upper
 266 100
 268 57.0 51.1 76.7
 264 59.2 51.7 77.5

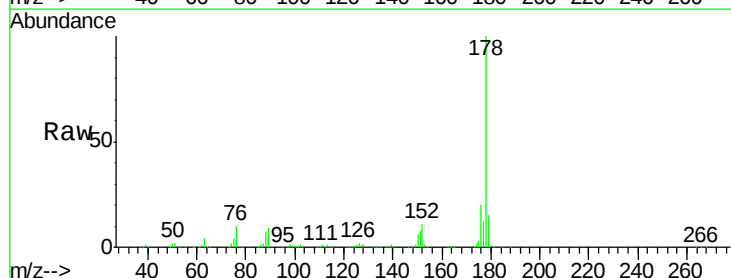


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

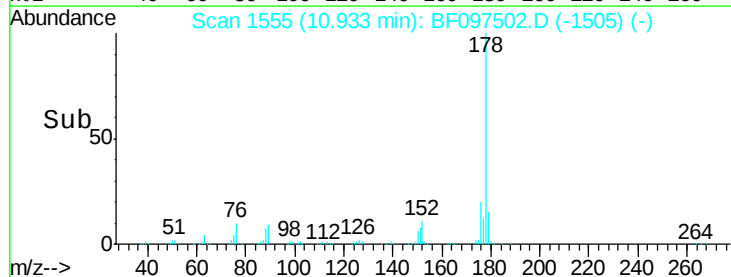
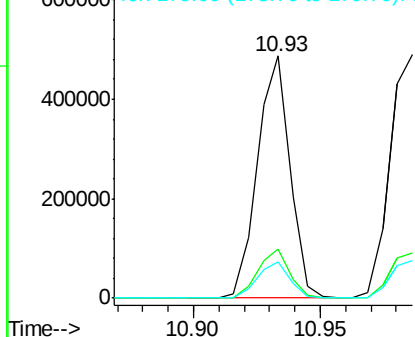


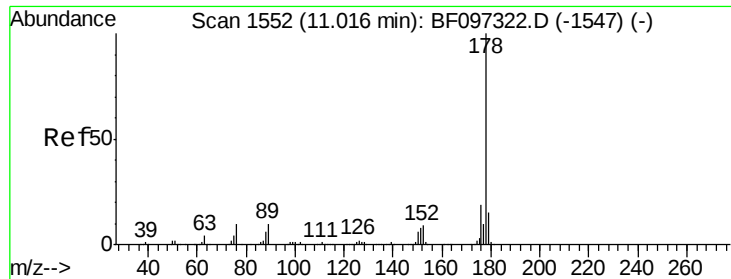
#70
 Phenanthrene
 Concen: 41.51 ng
 RT: 10.93 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF097502.D
 Acq: 9 Aug 2017 7:25

Tgt Ion:178 Resp: 437560
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 15.2 12.6 19.0



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

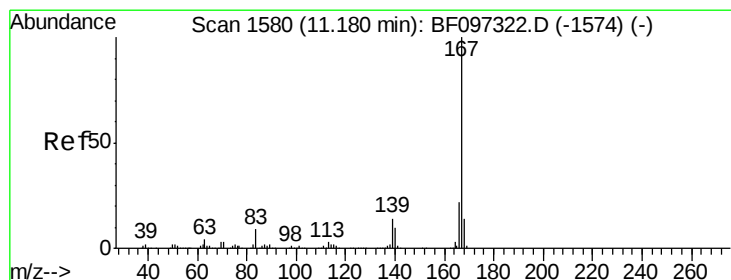
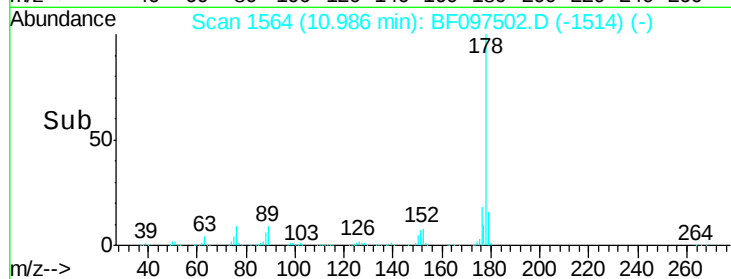
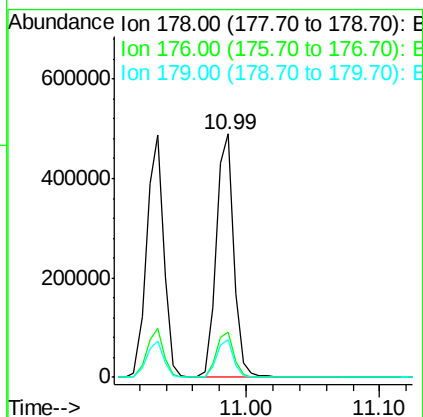
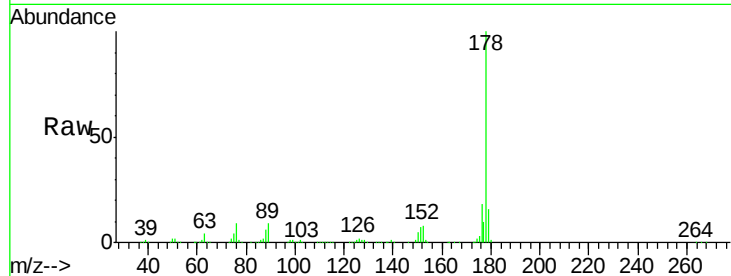




#71
 Anthracene
 Concen: 42.07 ng
 RT: 10.99 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF097502.D
 Acq: 9 Aug 2017 7:25

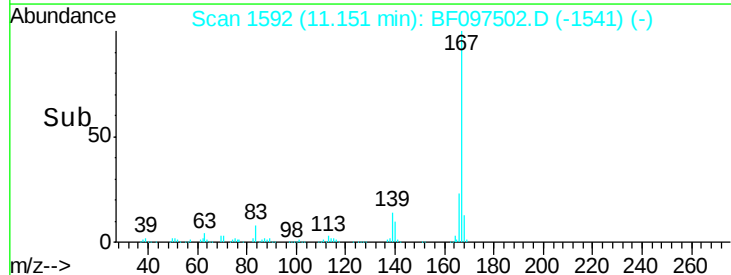
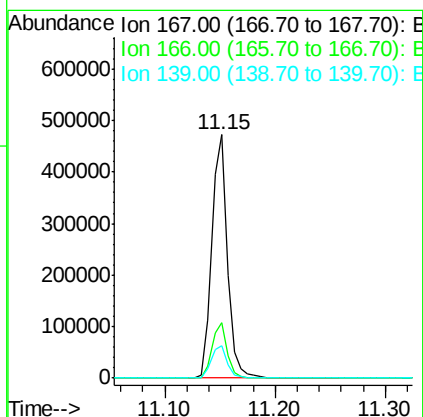
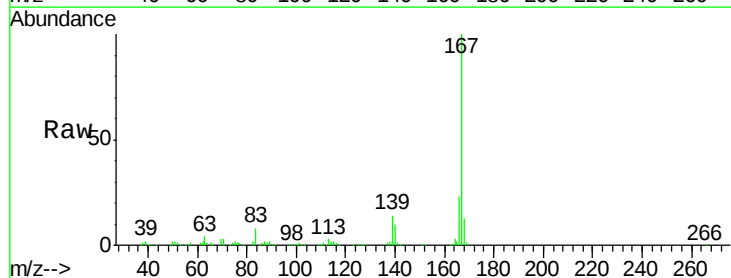
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

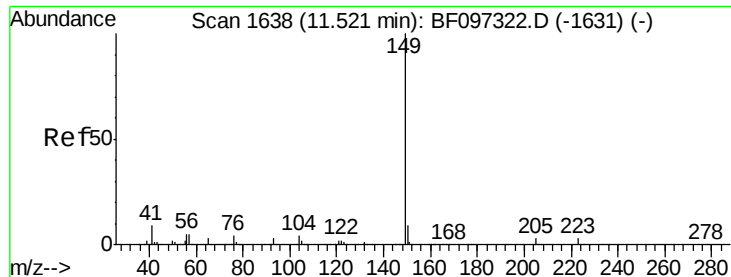
Tot Ion:178 Resp: 454184
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 42.58 ng
 RT: 11.15 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF097502.D
 Acq: 9 Aug 2017 7:25

Tgt Ion:167 Resp: 452131
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 13.5 11.7 17.5





#73

Di-n-butylphthalate

Concen: 43.65 ng

RT: 11.49 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

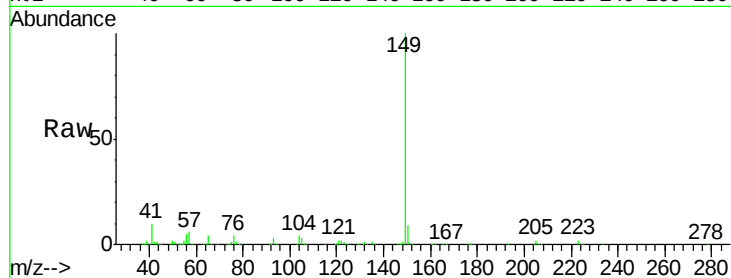
Tot Ion:149 Resp: 572945

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

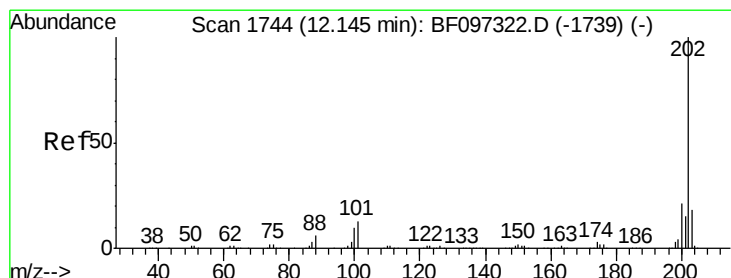
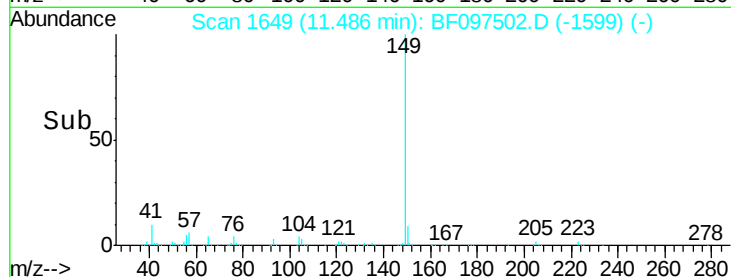
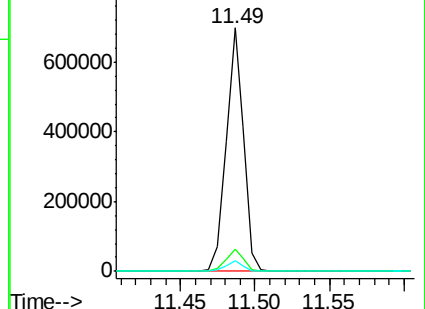
104 4.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.47 ng

RT: 12.11 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

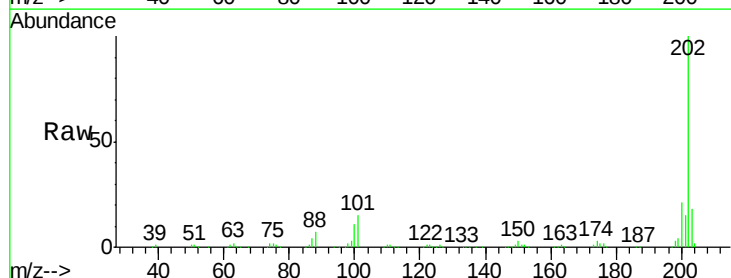
Tgt Ion:202 Resp: 428266

Ion Ratio Lower Upper

202 100

101 15.0 0.0 33.2

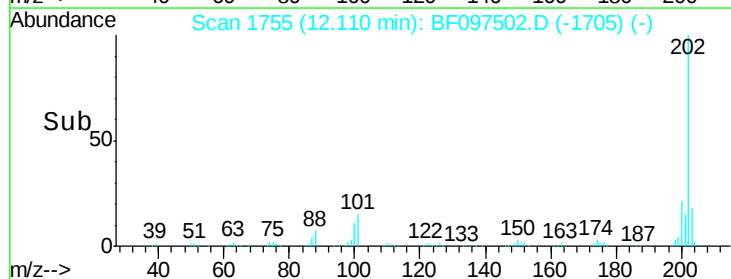
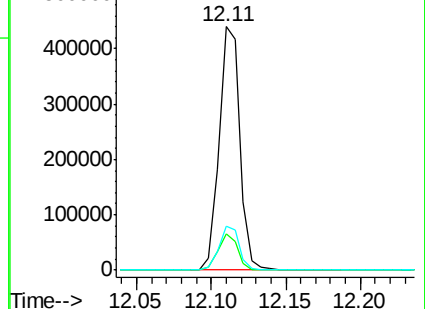
203 18.0 0.0 38.1

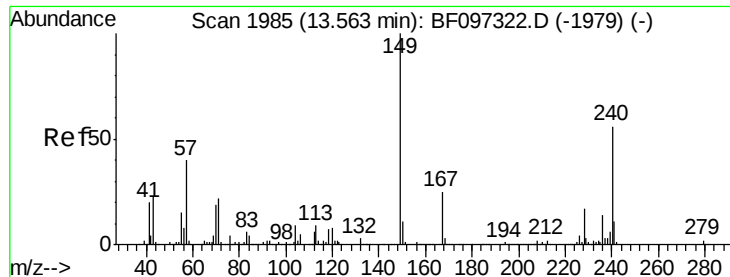


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

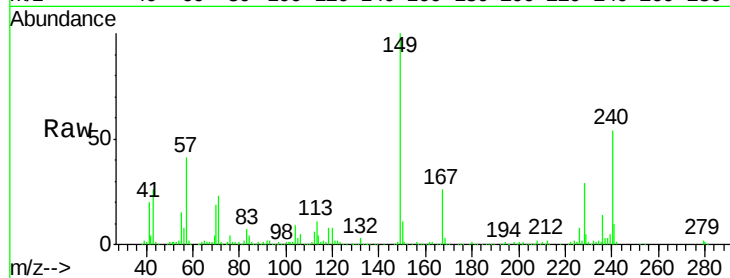
Tot Ion:240 Resp: 140449

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

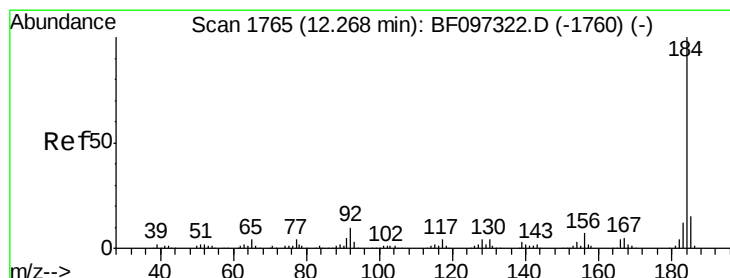
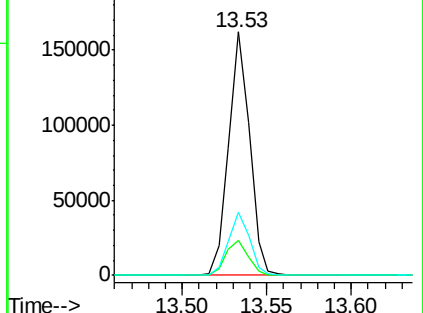
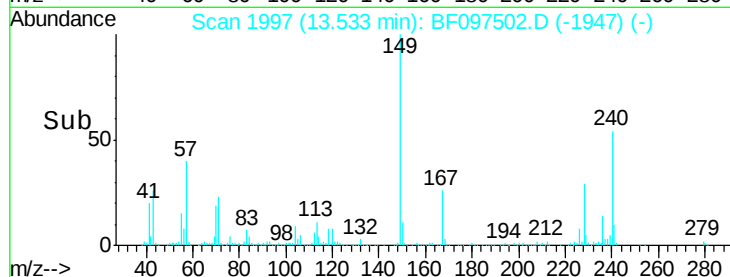
236 26.0 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.90 ng

RT: 12.25 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

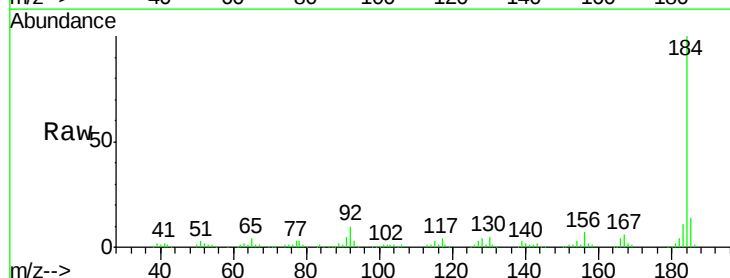
Tgt Ion:184 Resp: 223562

Ion Ratio Lower Upper

184 100

185 14.2 15.5 23.3#

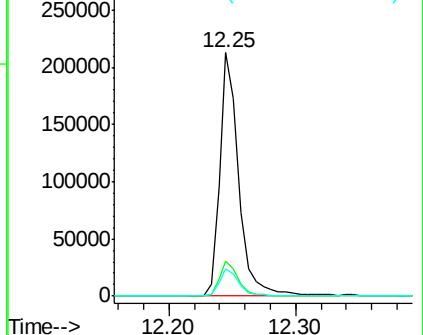
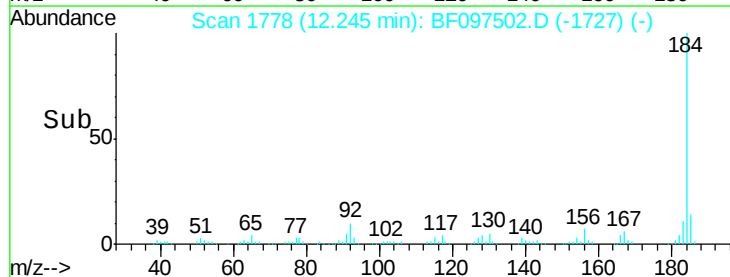
183 11.2 9.8 14.6

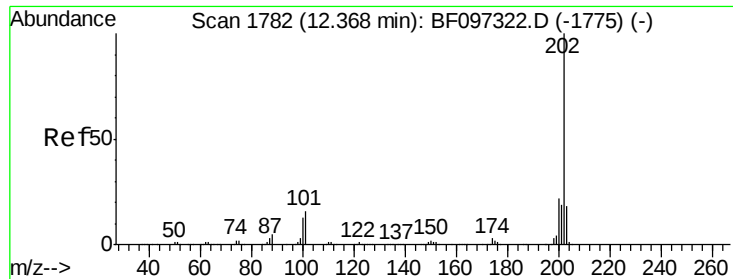


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

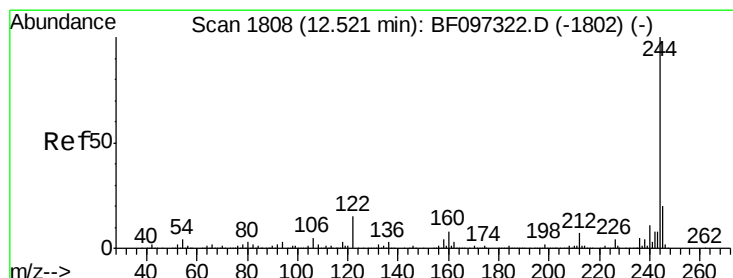
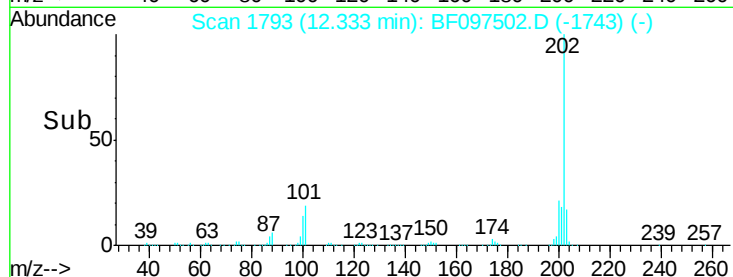
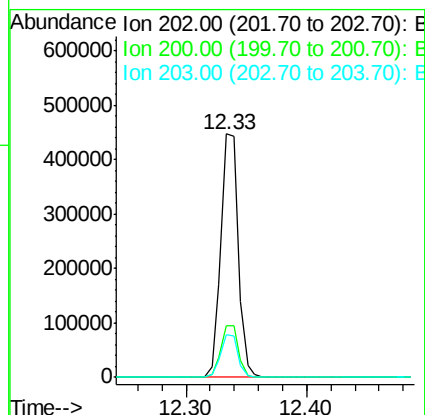
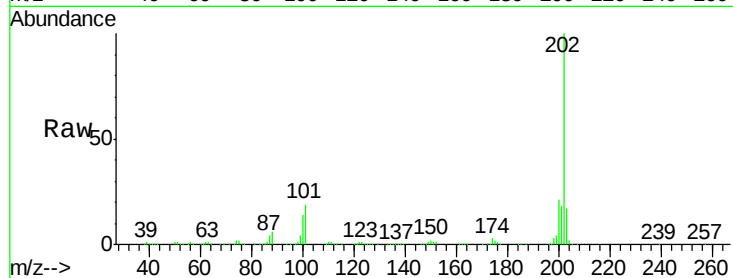




#77
Pvrene
Concen: 38.47 ng
RT: 12.33 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

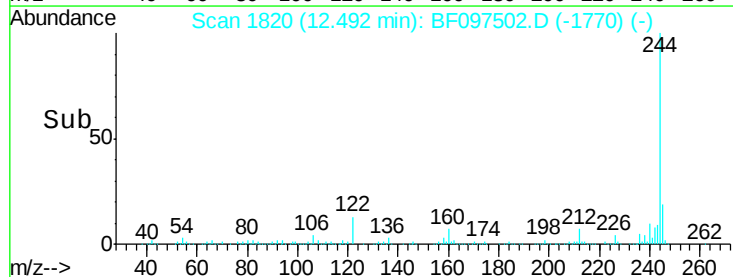
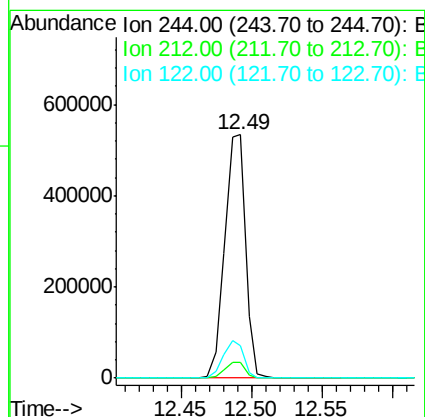
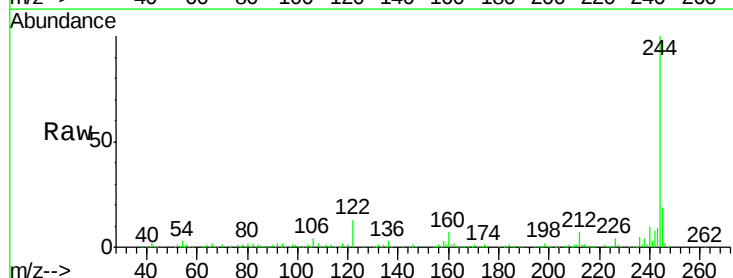
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

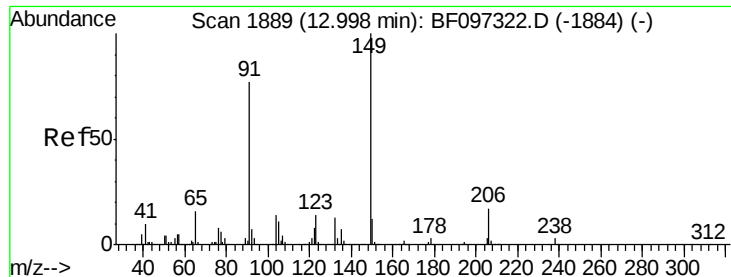
Tot Ion:202 Resp: 442298
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 17.5 14.4 21.6



#78
Terphenyl-d14
Concen: 79.28 ng
RT: 12.49 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

Tgt Ion:244 Resp: 546141
Ion Ratio Lower Upper
244 100
212 6.5 6.0 9.0
122 13.2 10.3 15.5

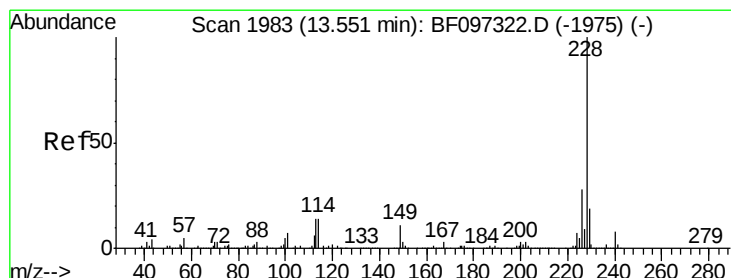
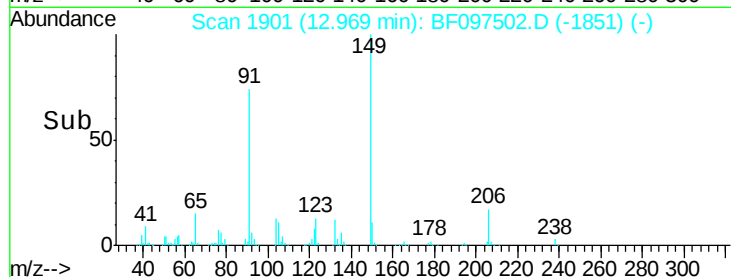
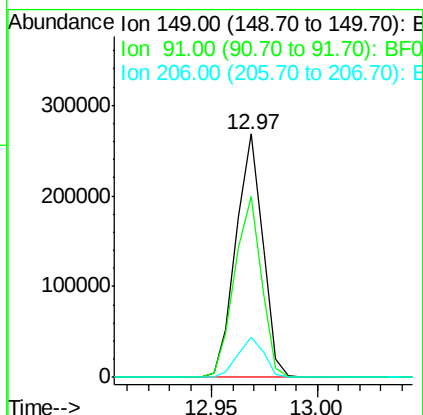
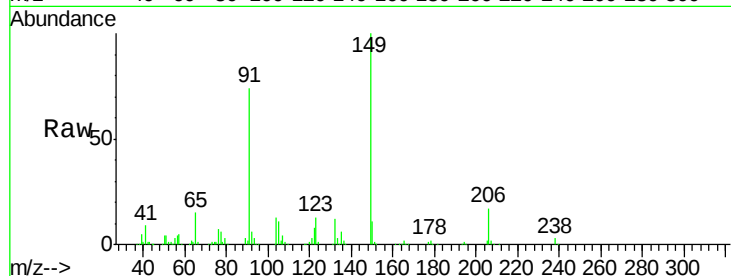




#79
Butylbenzylphthalate
Concen: 40.23 ng
RT: 12.97 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

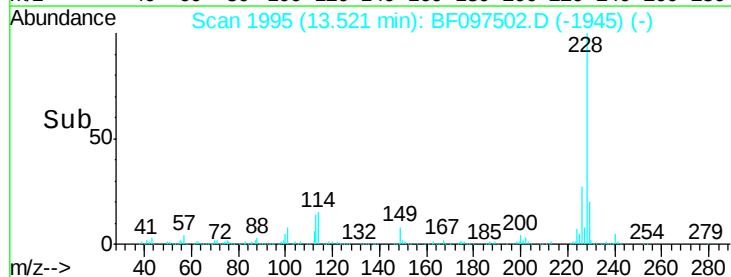
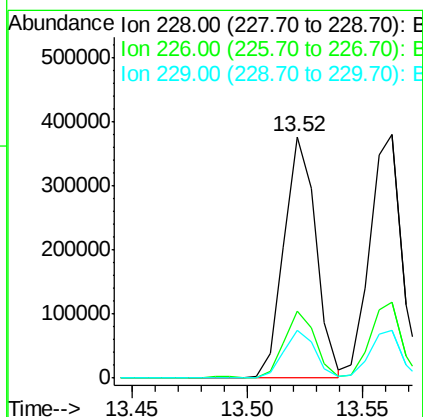
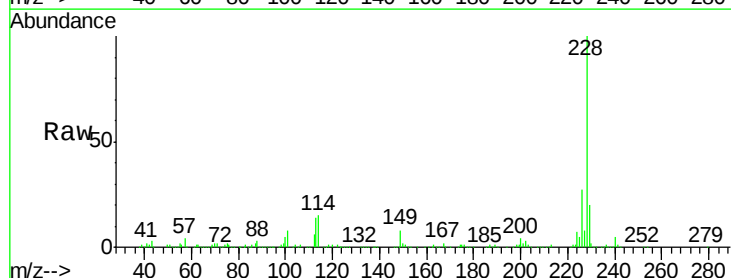
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

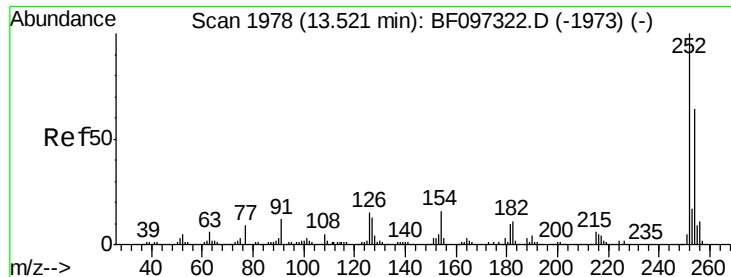
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.2	45.0	67.4#
206	16.7	17.0	25.6#



#80
Benzo(a)anthracene
Concen: 39.46 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.6	16.3	24.5

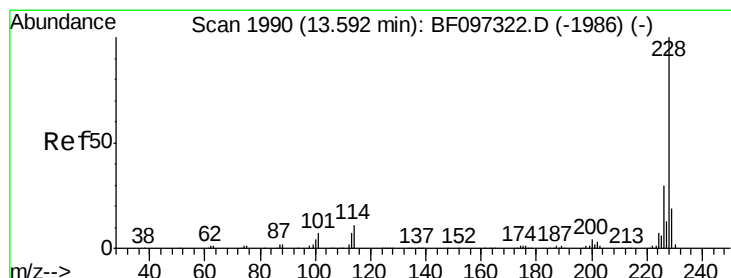
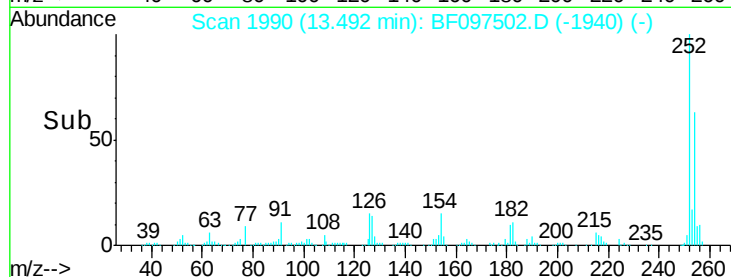
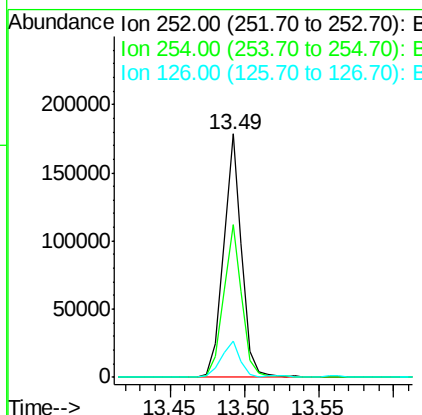
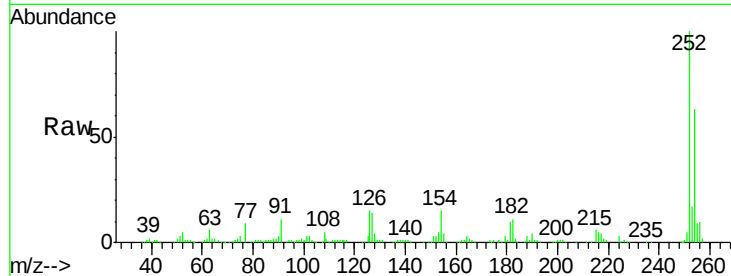




#81
 3,3'-Dichlorobenzidine
 Concen: 44.81 ng
 RT: 13.49 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF097502.D
 Acq: 9 Aug 2017 7:25

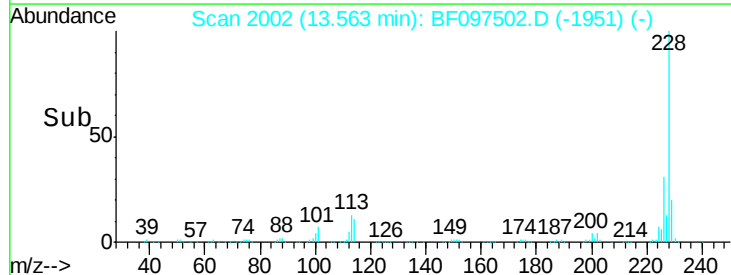
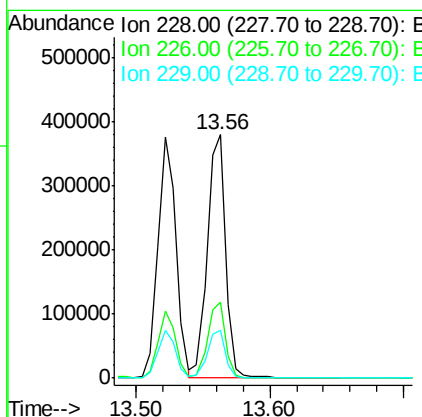
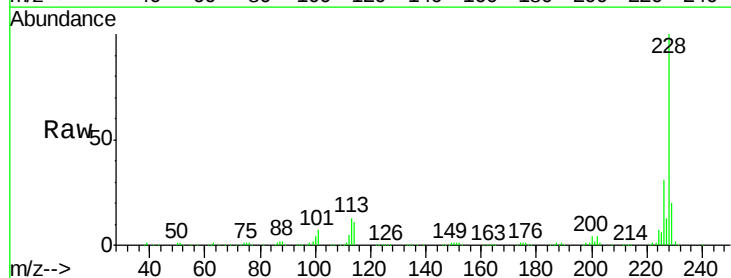
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

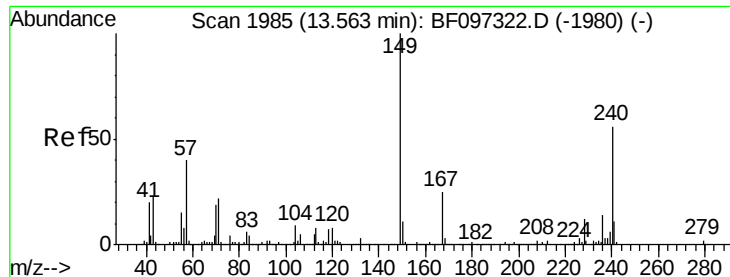
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.5	77.3
126	15.1	15.8	23.8



#82
 Chrysene
 Concen: 41.00 ng
 RT: 13.56 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF097502.D
 Acq: 9 Aug 2017 7:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	19.9	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.67 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

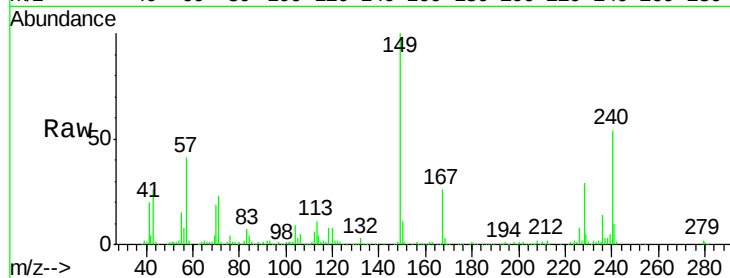
Tot Ion:149 Resp: 295315

Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

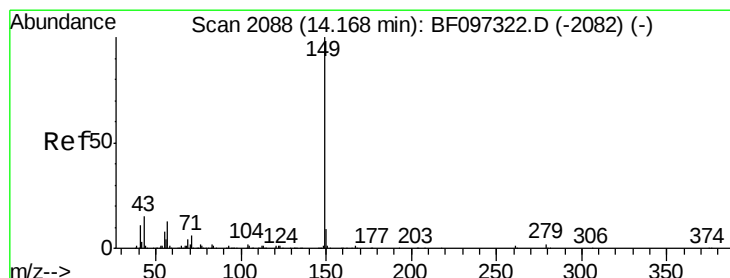
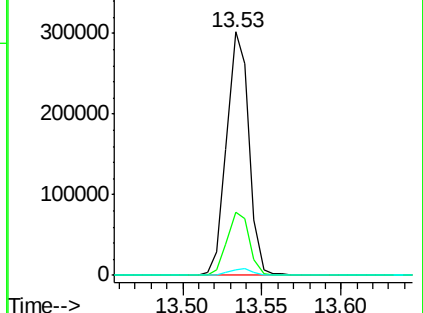
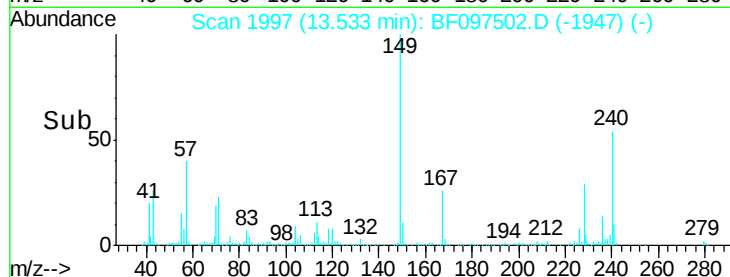
279 2.5 1.9 2.9



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: 40.72 ng

RT: 14.14 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

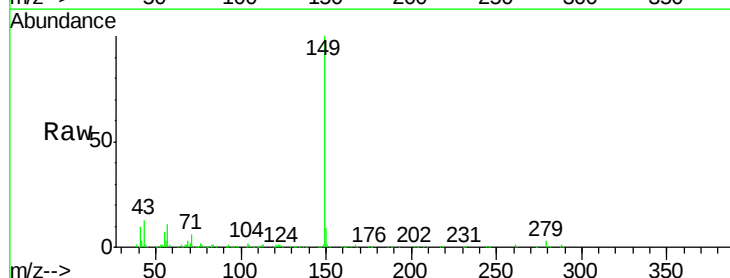
Tgt Ion:149 Resp: 570598

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

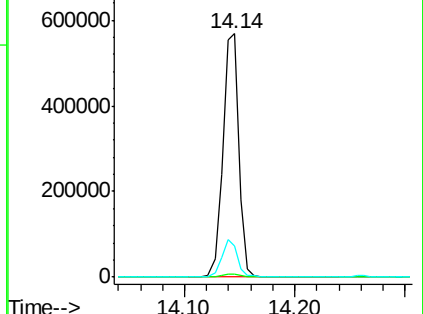
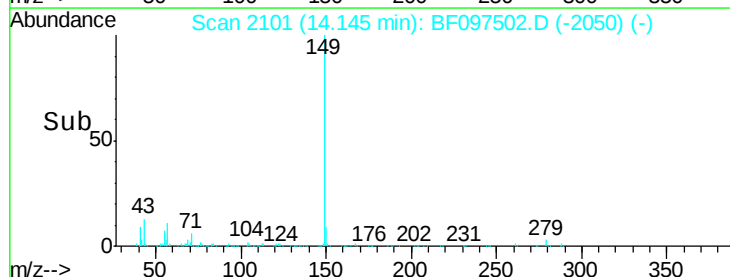
43 14.8 8.5 12.7#

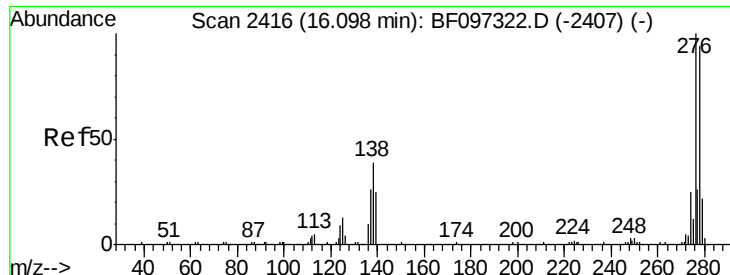


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

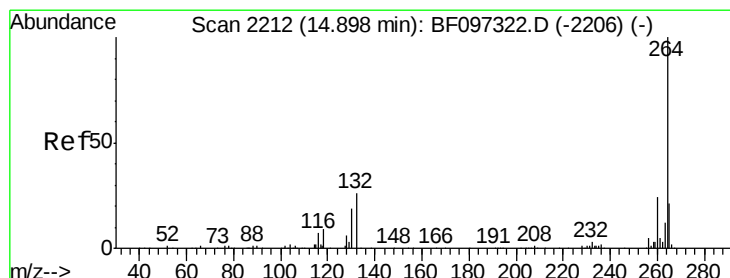
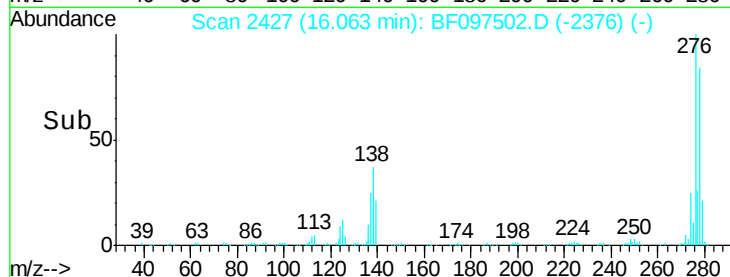
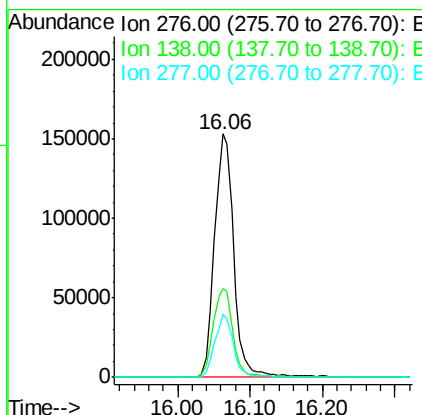
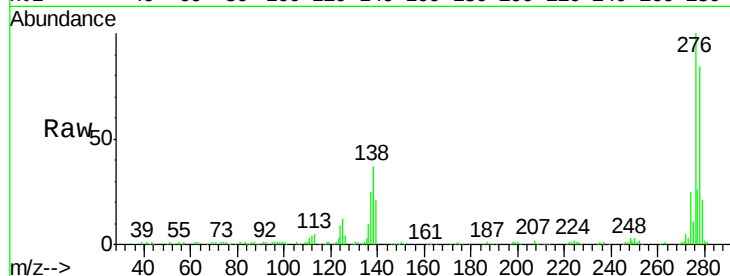




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.13 ng
 RT: 16.06 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BF097502.D
 Acq: 9 Aug 2017 7:25

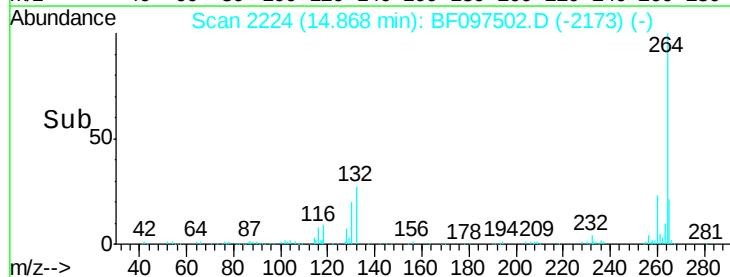
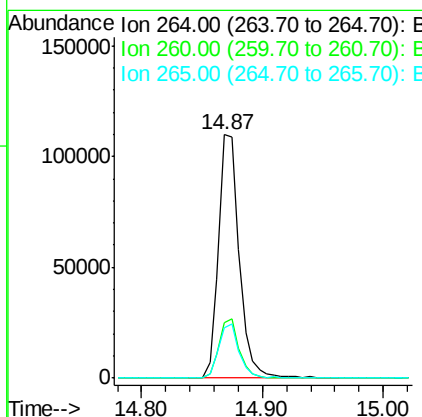
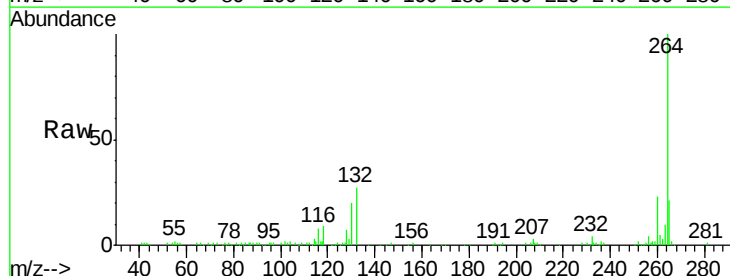
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

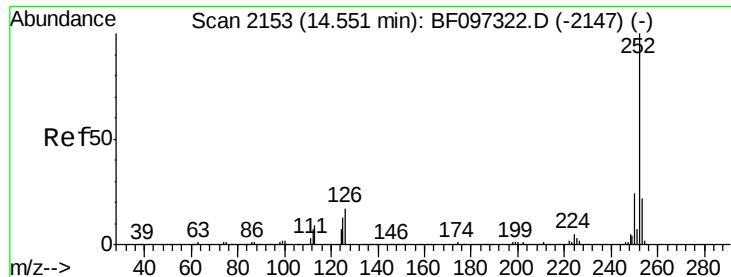
Tot Ion	Ratio	Lower	Upper
276	100		
138	37.2	27.8	41.6
277	24.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BF097502.D
 Acq: 9 Aug 2017 7:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	20.5	17.2	25.8

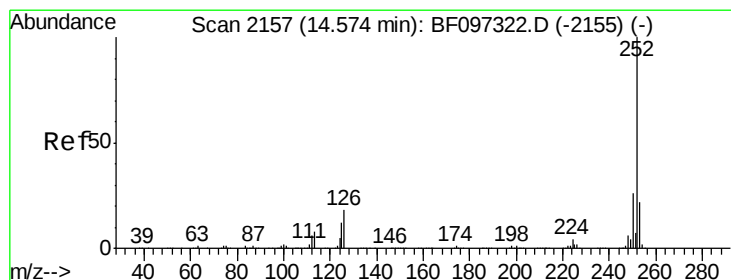
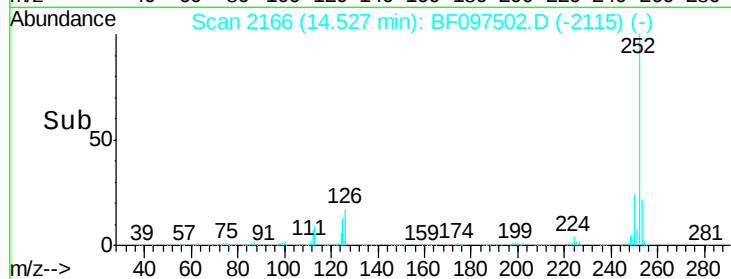
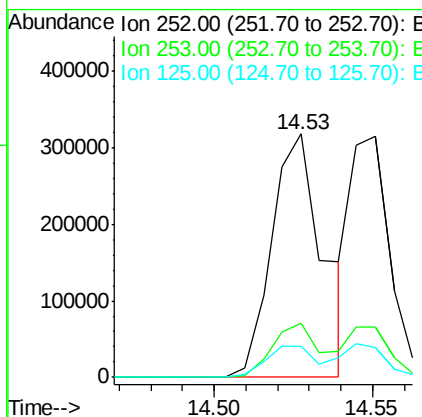
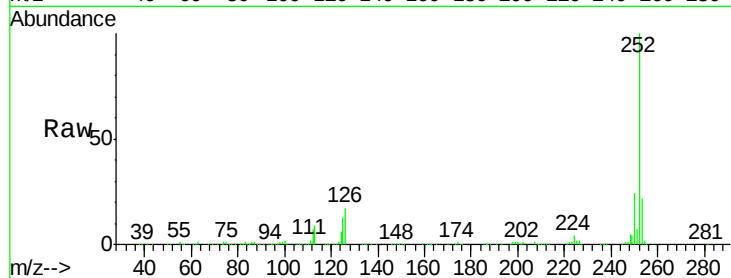




#87
Benzo(b)fluoranthene
Concen: 46.12 ng
RT: 14.53 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

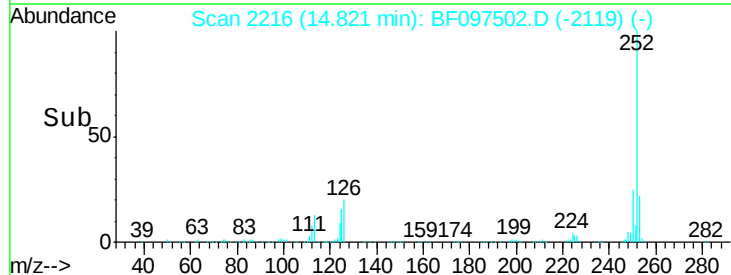
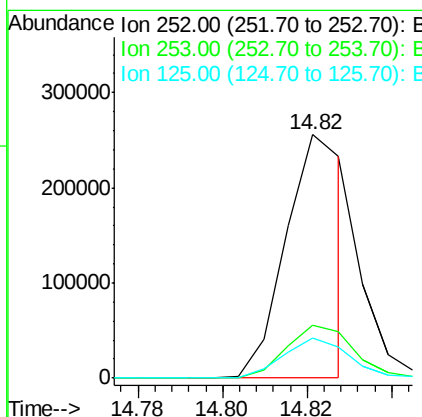
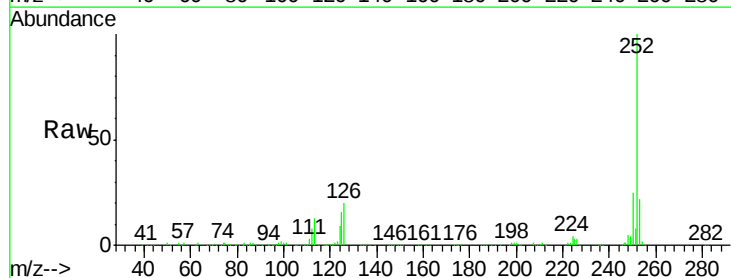
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

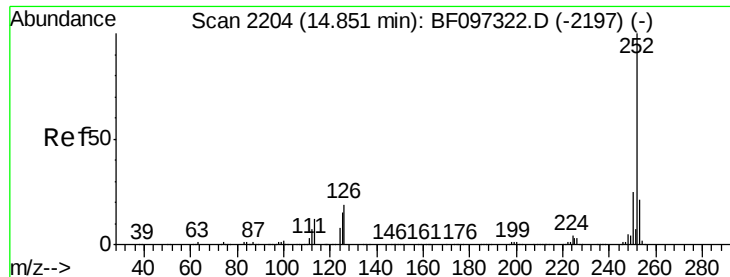
Tot Ion:252 Resp: 359074
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 12.6 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 32.96 ng
RT: 14.82 min Scan# 2216
Delta R.T. 0.27 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

Tgt Ion:252 Resp: 244521
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 16.4 13.1 19.7

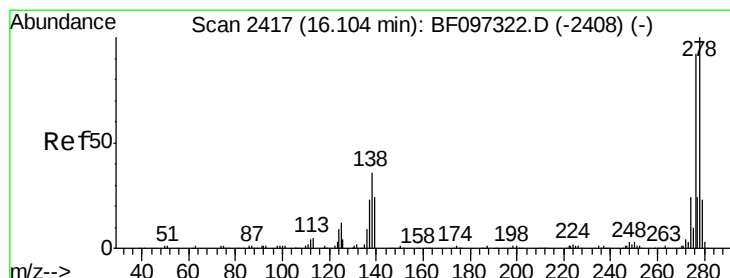
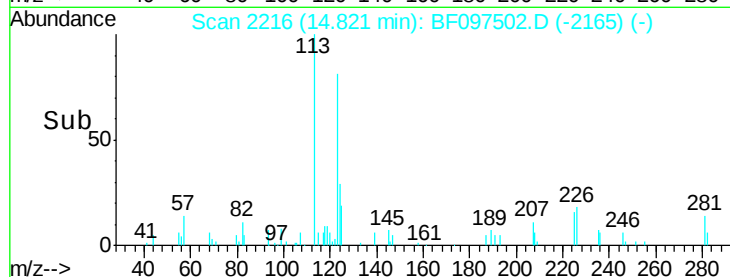
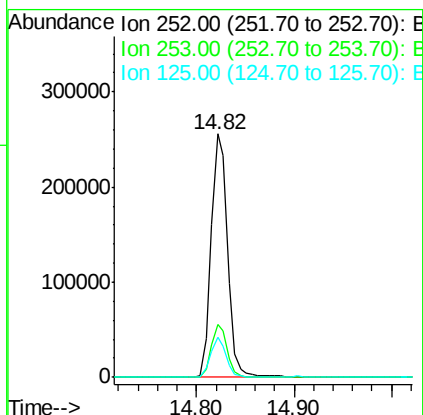
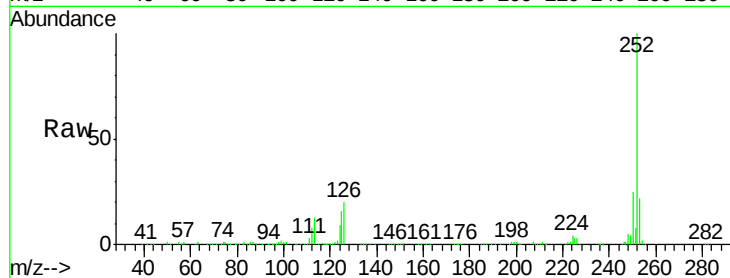




#89
Benzo(a)pyrene
Concen: 41.98 ng
RT: 14.82 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

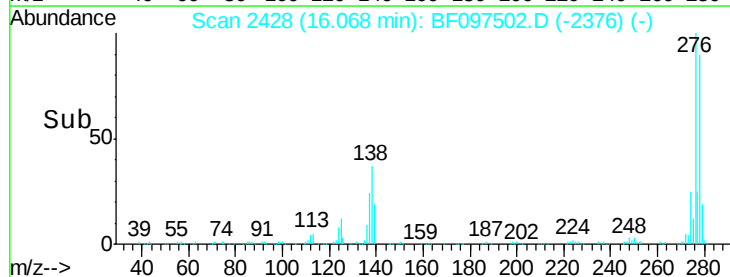
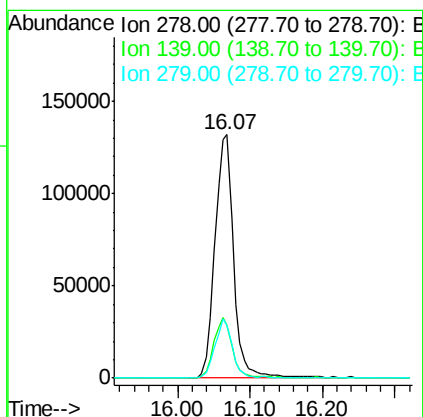
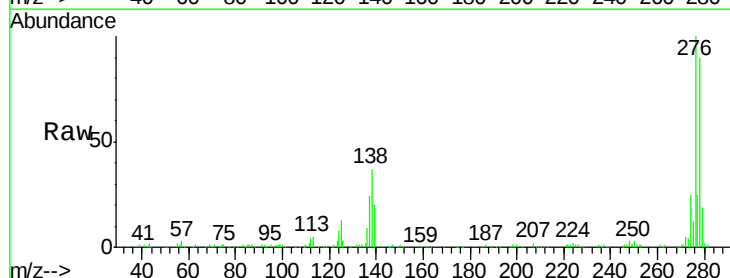
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

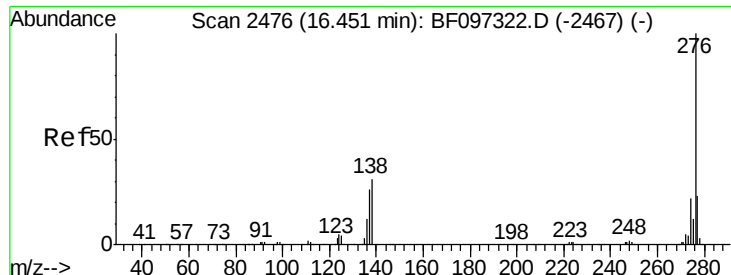
Tot Ion:252 Resp: 299141
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 16.4 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 40.31 ng
RT: 16.07 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BF097502.D
Acq: 9 Aug 2017 7:25

Tgt Ion:278 Resp: 235589
Ion Ratio Lower Upper
278 100
139 21.9 16.6 24.8
279 21.6 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 38.20 ng

RT: 16.42 min Scan# 2487

Delta R.T. 0.01 min

Lab File: BF097502.D

Acq: 9 Aug 2017 7:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

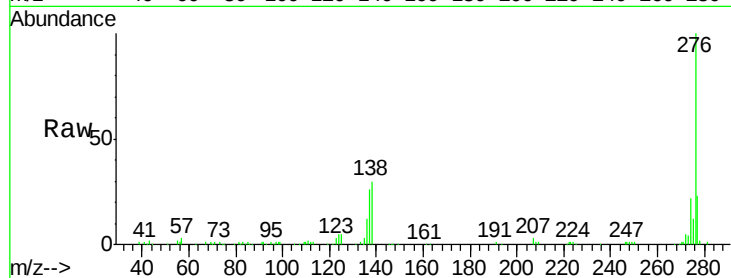
Tot Ion:276 Resp: 234094

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 30.5 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

