

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
 Data File : BF097585.D
 Acq On : 11 Aug 2017 4:22
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 11 07:18:30 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	6.39	152	123084	20.00	ng	-0.02
21) Naphthalene-d8	7.67	136	499442	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	177580	20.00	ng	-0.02
63) Phenanthrene-d10	10.89	188	262573	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	204267	20.00	ng	-0.02
86) Perylene-d12	14.86	264	216308	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.98	112	700358	85.78	ng	-0.02
7) Phenol-d6	6.07	99	769074	82.51	ng	-0.01
23) Nitrobenzene-d5	6.97	82	720229	84.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.21	330	105884	75.47	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	891686	85.22	ng	-0.02
78) Terphenyl-d14	12.47	244	650354	64.91	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	1.83	88	138559	40.67	ng	# 69
3) Pyridine	2.43	79	434244	41.62	ng	# 62
4) n-Nitrosodimethylamine	2.40	42	242121	41.89	ng	79
6) Aniline	6.06	93	523380	44.62	ng	97
8) 2-Chlorophenol	6.19	128	373078	42.73	ng	93
9) Benzaldehyde	5.94	77	292257	52.97	ng	97
10) Phenol	6.09	94	479719	43.39	ng	97
11) bis(2-Chloroethyl)ether	6.15	93	363545	41.57	ng	92
12) 1,3-Dichlorobenzene	6.33	146	376947	40.06	ng	96
13) 1,4-Dichlorobenzene	6.41	146	393803	42.23	ng	95
14) 1,2-Dichlorobenzene	6.56	146	327283	40.20	ng	99
15) Benzyl Alcohol	6.57	79	285024	48.30	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.68	45	734802	41.90	ng	91
17) 2-Methylphenol	6.69	107	287482	42.67	ng	# 89
18) Hexachloroethane	6.90	117	137609	40.34	ng	# 83
19) n-Nitroso-di-n-propylamine	6.83	70	276766	45.11	ng	# 80
20) 3+4-Methylphenols	6.85	107	407565	46.31	ng	# 62
22) Acetophenone	6.82	105	521362	43.47	ng	# 99
24) Nitrobenzene	6.99	77	395704	44.63	ng	97
25) Isophorone	7.23	82	587560	35.24	ng	97
26) 2-Nitrophenol	7.31	139	195123	40.68	ng	# 88
27) 2,4-Dimethylphenol	7.37	122	313125	39.57	ng	99
28) bis(2-Chloroethoxy)methane	7.45	93	430895	39.60	ng	99
29) 2,4-Dichlorophenol	7.56	162	293008	42.98	ng	95
30) 1,2,4-Trichlorobenzene	7.63	180	253846	39.07	ng	98
31) Naphthalene	7.70	128	930453	39.52	ng	99
32) Benzoic acid	7.55	122	175119	29.64	ng	93
33) 4-Chloroaniline	7.77	127	407225	42.51	ng	97
34) Hexachlorobutadiene	7.82	225	140172	40.69	ng	97
35) Caprolactam	8.15	113	40886	18.70	ng	# 45
36) 4-Chloro-3-methylphenol	8.28	107	275341	37.02	ng	90
37) 2-Methylnaphthalene	8.39	142	529405	35.52	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	213246	45.00	ng	100
40) Hexachlorocyclopentadiene	8.54	237	11430	12.92	ng	94

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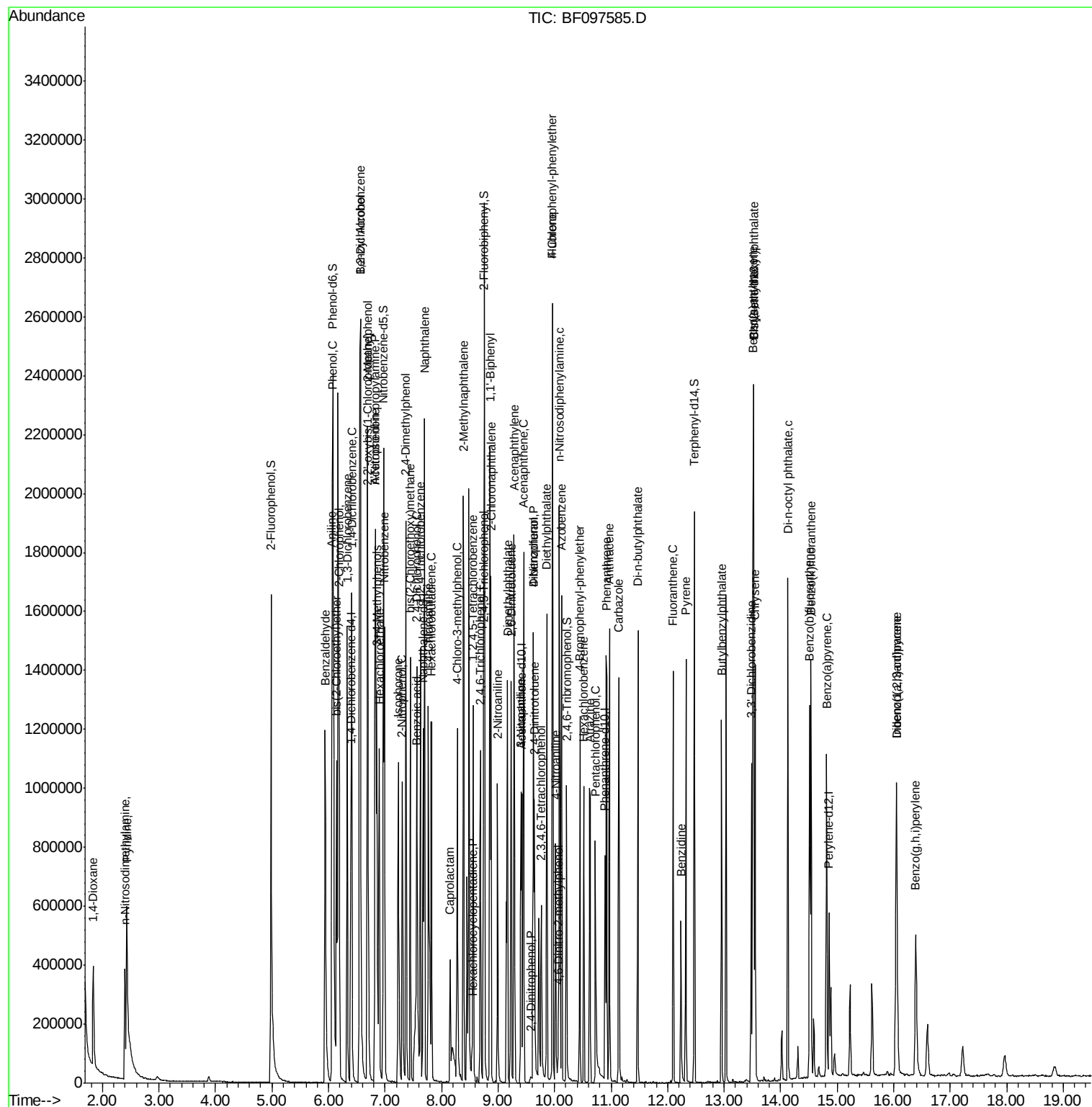
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.69	196	143941	41.92	nq	98
43) 2,4,5-Trichlorophenol	8.74	196	129188	37.59	nq	97
45) 1,1'-Biphenyl	8.86	154	648626	42.76	nq	98
46) 2-Chloronaphthalene	8.87	162	479703	42.98	nq	# 93
47) 2-Nitroaniline	8.99	65	179229	44.25	nq	95
48) Acenaphthylene	9.28	152	725603	42.35	nq	100
49) Dimethylphthalate	9.17	163	564041	41.83	nq	99
50) 2,6-Dinitrotoluene	9.23	165	117725	41.16	nq	# 64
51) Acenaphthene	9.46	154	420722	41.69	nq	98
52) 3-Nitroaniline	9.40	138	136914	38.57	nq	94
53) 2,4-Dinitrophenol	9.57	184	3531	2.72	nq	# 77
54) Dibenzofuran	9.63	168	544065	40.48	nq	93
55) 4-Nitrophenol	9.63	139	336937	159.60	nq	# 37
56) 2,4-Dinitrotoluene	9.65	165	140355	42.69	nq	# 78
57) Fluorene	9.97	166	456096	45.15	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.76	232	83835	35.33	nq	98
59) Diethylphthalate	9.86	149	597579	48.30	nq	99
60) 4-Chlorophenyl-phenylether	9.96	204	194872	46.71	nq	97
61) 4-Nitroaniline	10.02	138	141498	41.95	nq	93
62) Azobenzene	10.12	77	548576	47.80	nq	93
64) 4,6-Dinitro-2-methylphenol	10.06	198	21265	13.03	nq	90
65) n-Nitrosodiphenylamine	10.09	169	448075	49.05	nq	99
66) 4-Bromophenyl-phenylether	10.45	248	121118	46.22	nq	92
67) Hexachlorobenzene	10.52	284	124477	42.36	nq	# 85
68) Atrazine	10.63	200	105726	40.36	nq	97
69) Pentachlorophenol	10.73	266	131829	108.43	nq	98
70) Phenanthrene	10.92	178	575970	40.94	nq	99
71) Anthracene	10.97	178	581834	40.38	nq	99
72) Carbazole	11.13	167	564674	39.85	nq	99
73) Di-n-butylphthalate	11.47	149	773264	44.14	nq	98
74) Fluoranthene	12.10	202	533747	38.73	nq	98
76) Benzidine	12.23	184	226263	29.85	nq	# 94
77) Pyrene	12.32	202	565892	33.84	nq	98
79) Butylbenzylphthalate	12.96	149	305194	35.88	nq	# 81
80) Benzo(a)anthracene	13.51	228	517259	39.14	nq	98
81) 3,3'-Dichlorobenzidine	13.48	252	209699	42.07	nq	98
82) Chrysene	13.55	228	537822	41.67	nq	100
83) Bis(2-ethylhexyl)phthalate	13.52	149	368905	33.22	nq	99
84) Di-n-octyl phthalate	14.13	149	778651	38.20	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.05	276	375741	33.95	nq	96
87) Benzo(b)fluoranthene	14.52	252	543389	41.79	nq	98
88) Benzo(k)fluoranthene	14.54	252	464571	37.49	nq	96
89) Benzo(a)pyrene	14.81	252	469414	39.45	nq	97
90) Dibenzo(a,h)anthracene	16.04	278	315886	32.37	nq	# 94
91) Benzo(g,h,i)perylene	16.39	276	314969	30.78	nq	98

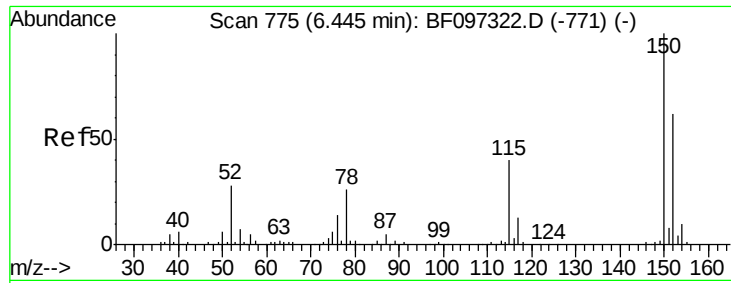
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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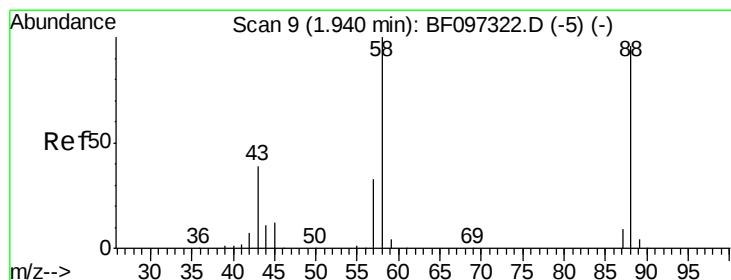
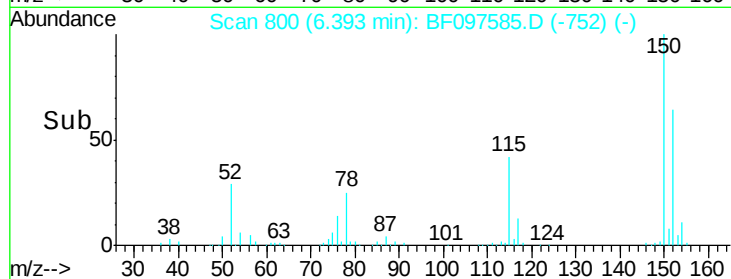
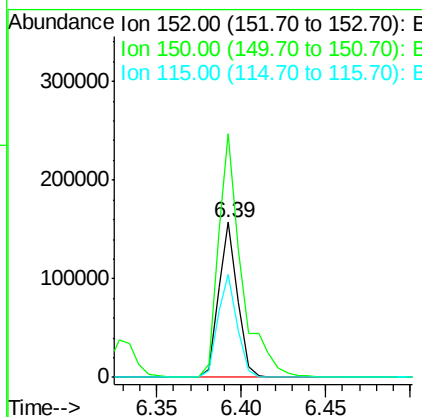
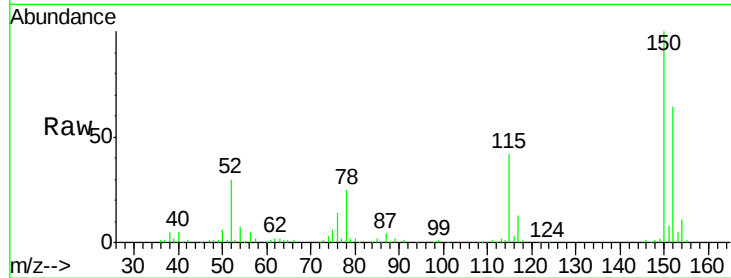




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.39 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF097585.D
 Acq: 11 Aug 2017 4:22

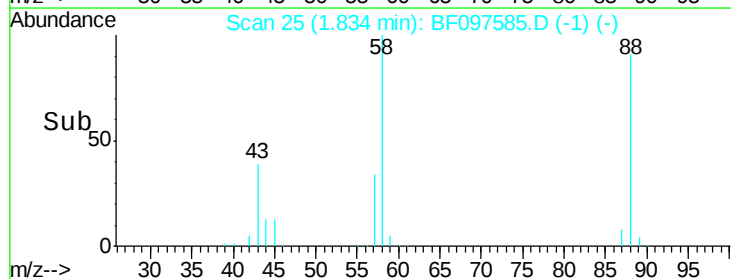
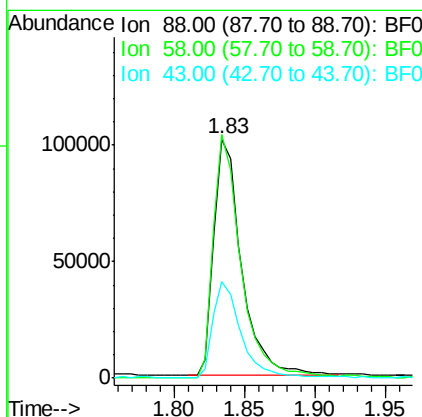
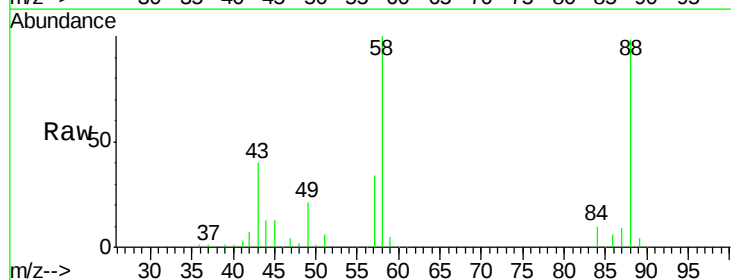
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

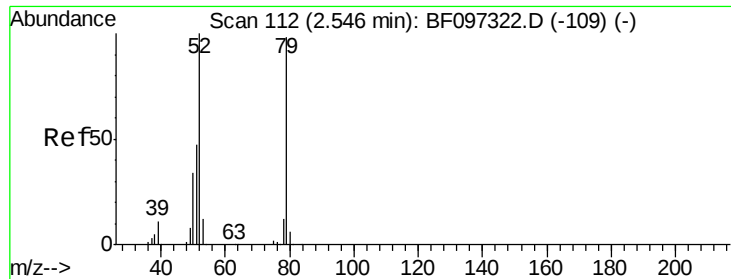
Tot Ion:152 Resp: 123084
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.2 189.2
 115 66.2 52.2 78.2



#2
 1,4-Dioxane
 Concen: 40.67 ng
 RT: 1.83 min Scan# 25
 Delta R.T. -0.06 min
 Lab File: BF097585.D
 Acq: 11 Aug 2017 4:22

Tgt Ion: 88 Resp: 138559
 Ion Ratio Lower Upper
 88 100
 58 104.8 61.4 92.0#
 43 43.3 23.4 35.0#





#3

Pvridine

Concen: 41.62 ng

RT: 2.43 min Scan# 126

Delta R.T. -0.06 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

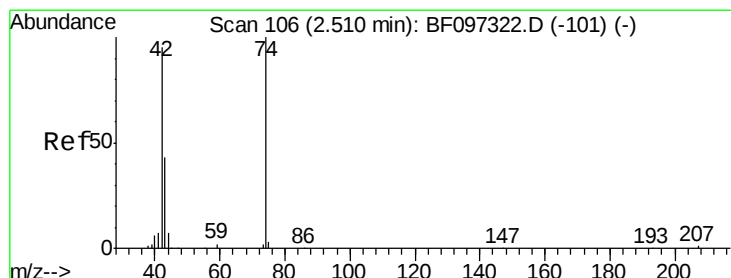
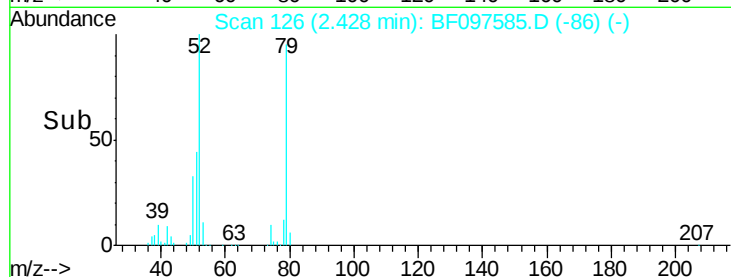
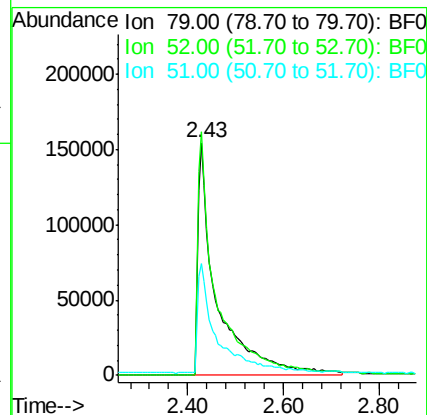
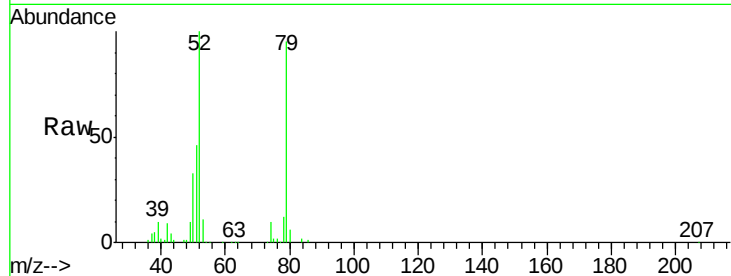
Tot Ion: 79 Resp: 434244

Ion Ratio Lower Upper

79 100

52 104.7 54.8 82.2#

51 47.8 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 41.89 ng

RT: 2.40 min Scan# 121

Delta R.T. -0.06 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

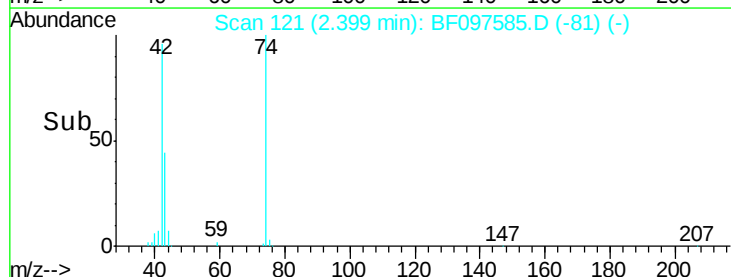
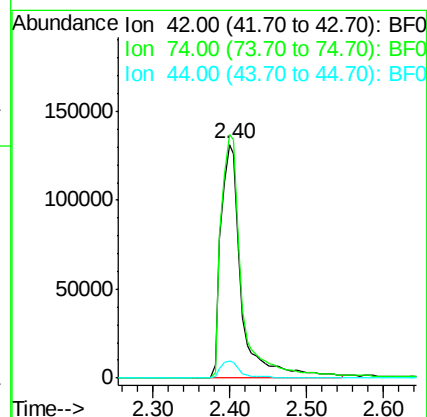
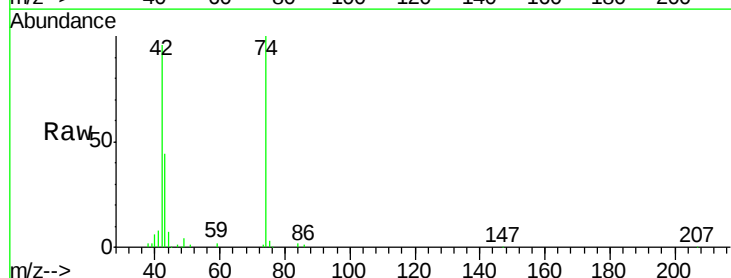
Tgt Ion: 42 Resp: 242121

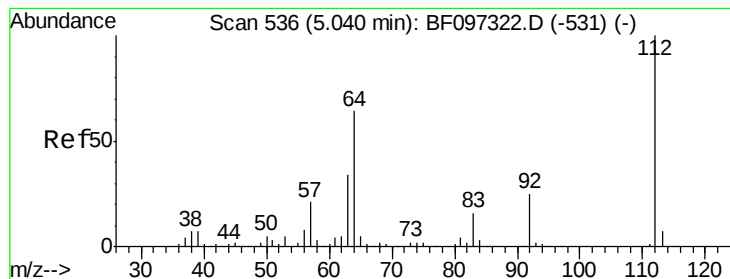
Ion Ratio Lower Upper

42 100

74 104.2 103.9 155.9

44 7.5 5.7 8.5





#5

2-Fluorophenol

Concen: 85.78 ng

RT: 4.98 min Scan# 560

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

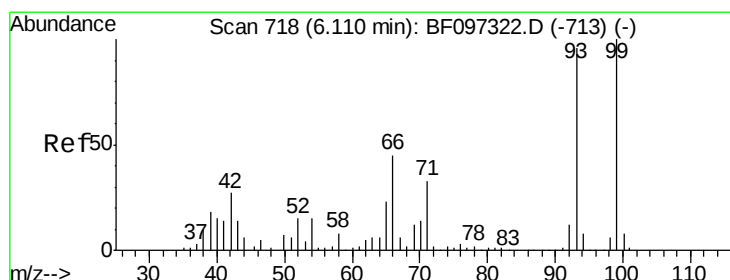
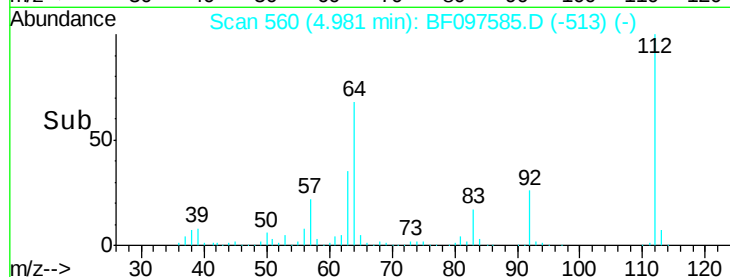
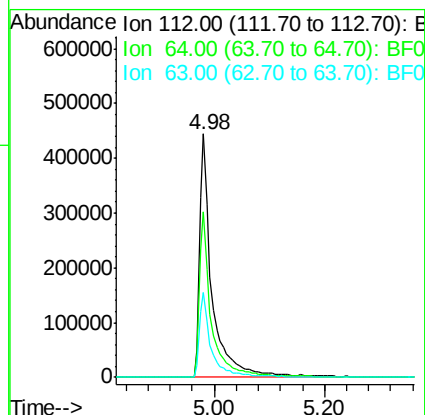
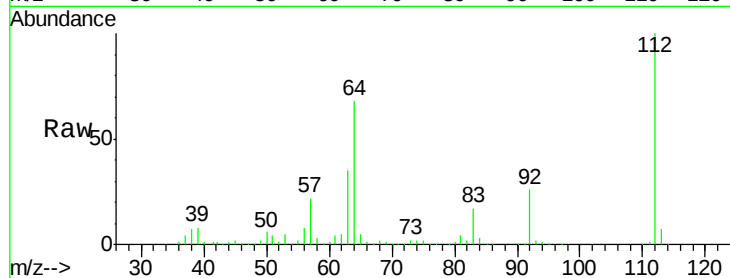
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Tot Ion:	112	Resp:	700358
Ion	Ratio	Lower	Upper
112	100		
64	68.1	46.0	69.0
63	34.7	23.4	35.0



#6

Aniline

Concen: 44.62 ng

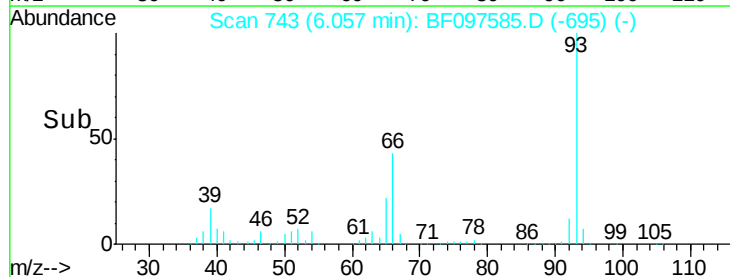
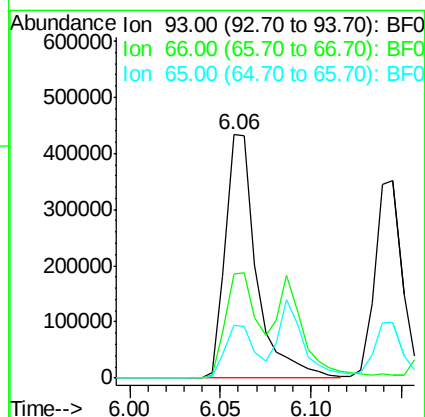
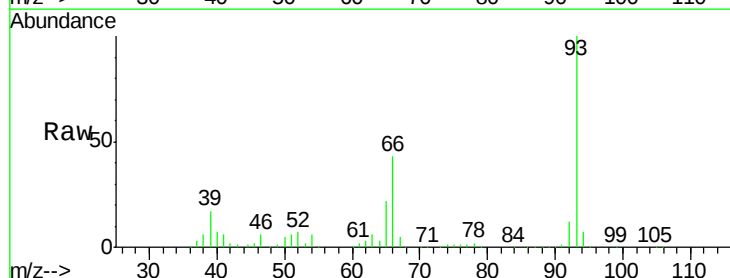
RT: 6.06 min Scan# 743

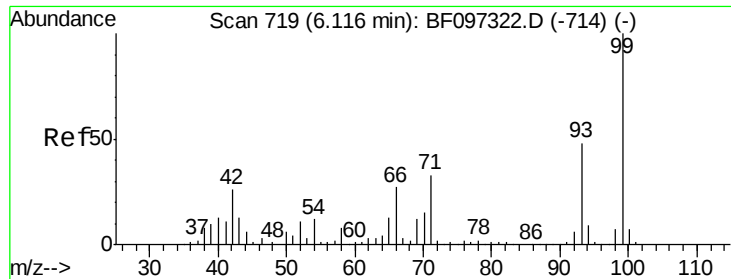
Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

Tgt Ion:	93	Resp:	523380
Ion	Ratio	Lower	Upper
93	100		
66	42.6	32.9	49.3
65	21.9	16.0	24.0





#7

Phenol-d6

Concen: 82.51 ng

RT: 6.07 min Scan# 746

Delta R.T. -0.01 min

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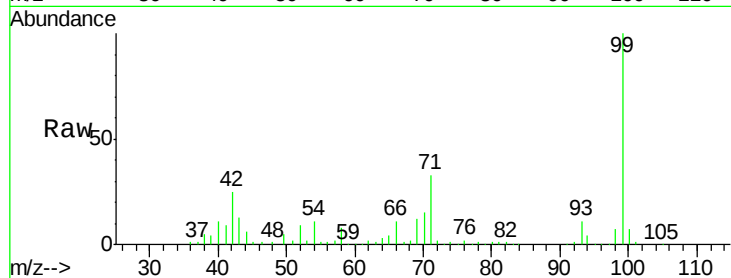
Tot Ion: 99 Resp: 769074

Ion Ratio Lower Upper

99 100

42 24.8 13.5 20.3#

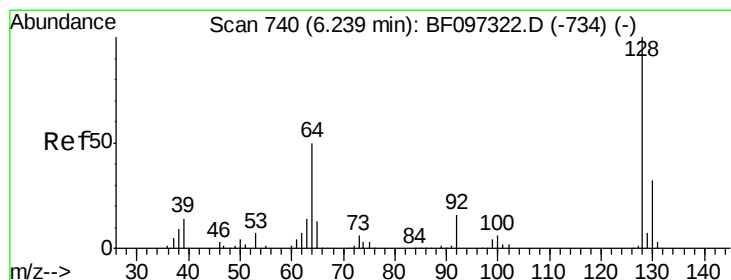
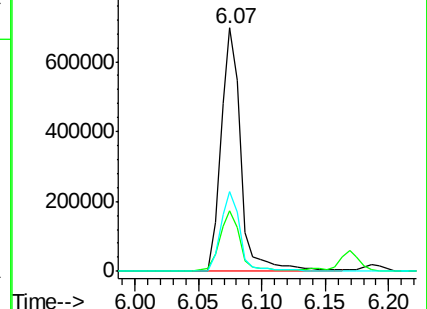
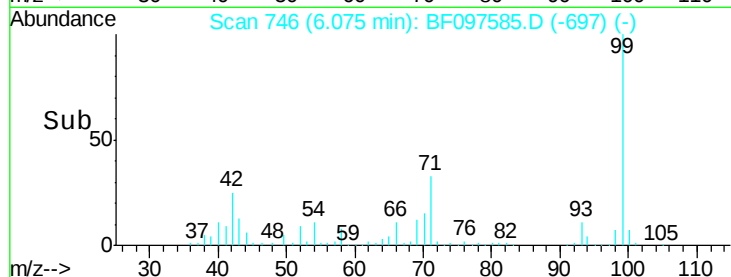
71 32.6 24.5 36.7



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: 42.73 ng

RT: 6.19 min Scan# 765

Delta R.T. -0.02 min

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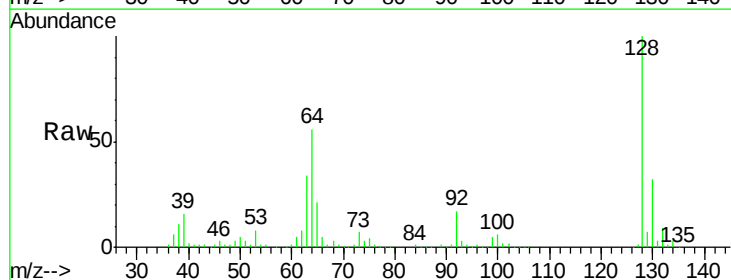
Tgt Ion: 128 Resp: 373078

Ion Ratio Lower Upper

128 100

130 31.5 12.9 52.9

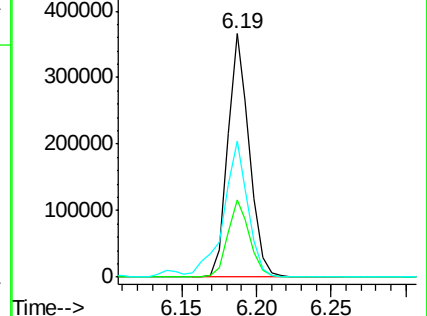
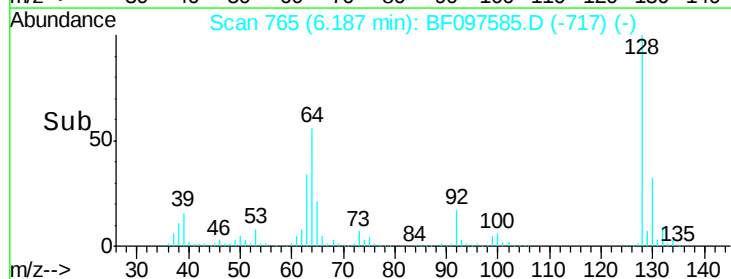
64 55.7 28.4 68.4

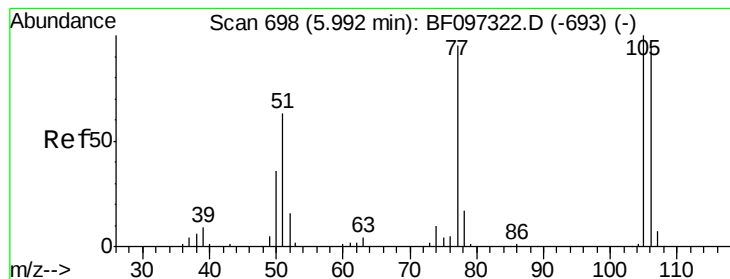


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 52.97 ng

RT: 5.94 min Scan# 723

Delta R.T. -0.02 min

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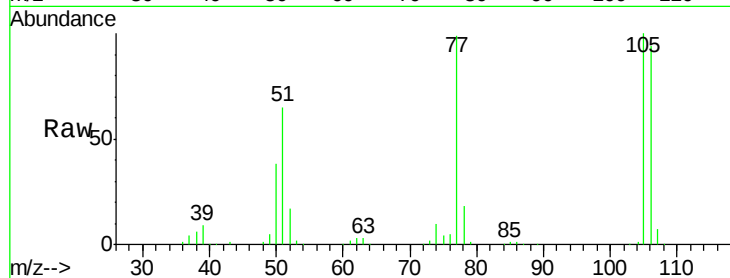
Tot Ion: 77 Resp: 292257

Ion Ratio Lower Upper

77 100

105 101.2 83.8 123.8

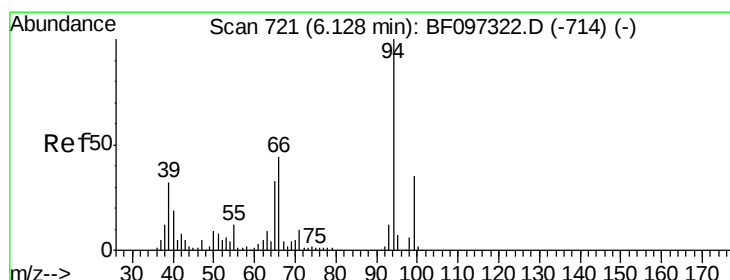
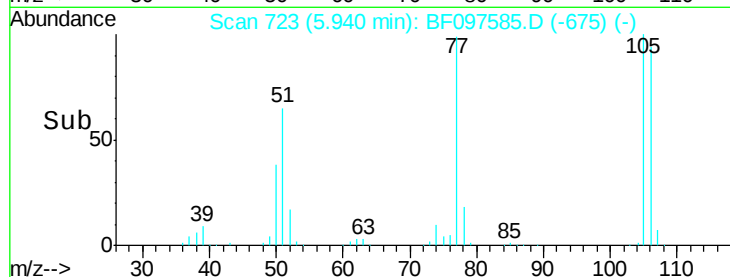
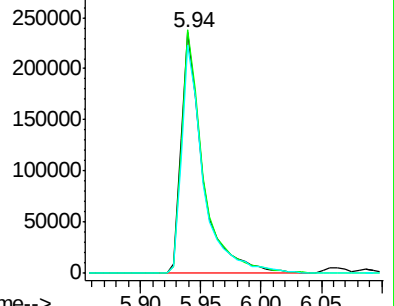
106 95.1 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.39 ng

RT: 6.09 min Scan# 748

Delta R.T. -0.01 min

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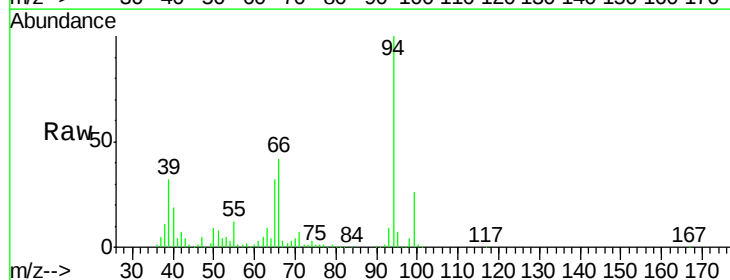
Tgt Ion: 94 Resp: 479719

Ion Ratio Lower Upper

94 100

65 32.4 9.9 49.9

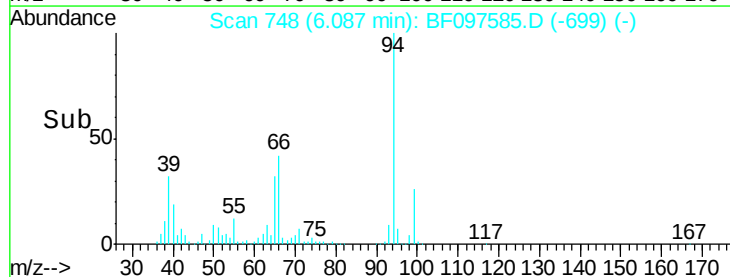
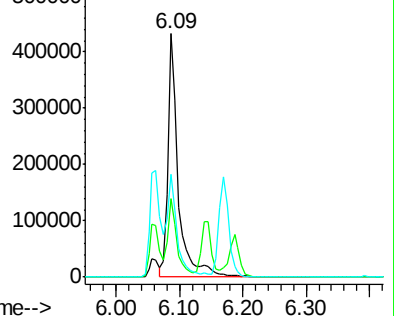
66 42.3 23.1 63.1

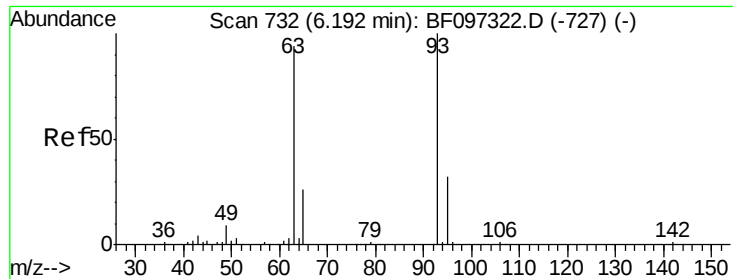


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

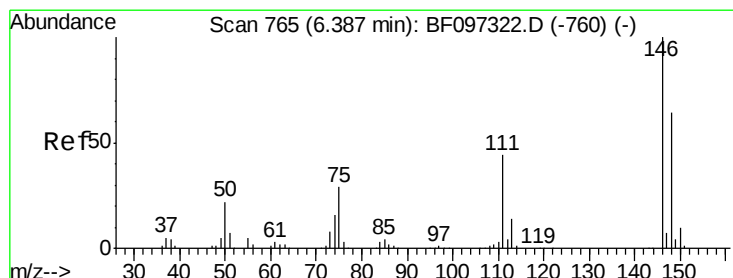
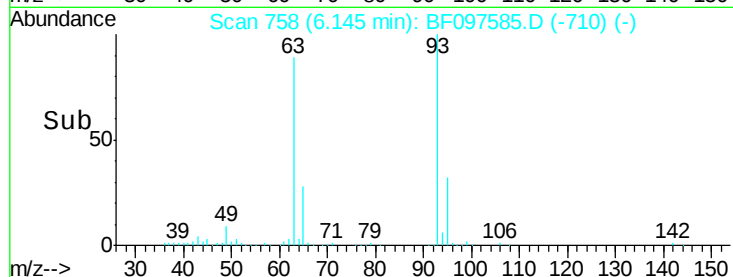
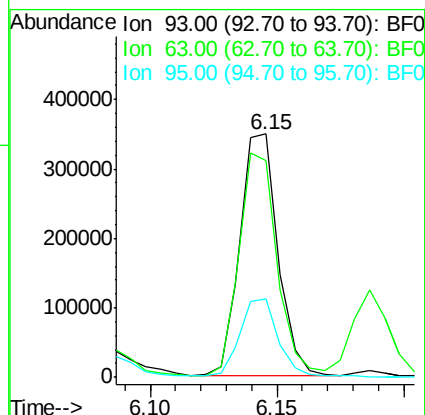
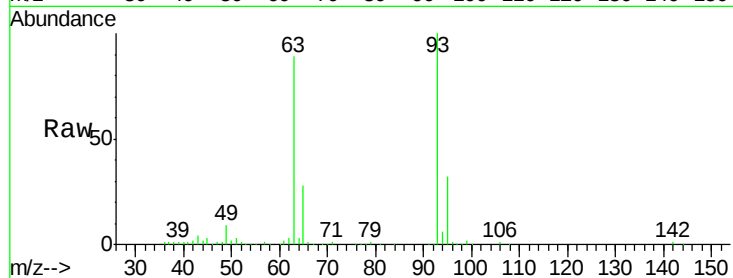




#11
bis(2-Chloroethyl)ether
Concen: 41.57 ng
RT: 6.15 min Scan# 758
Delta R.T. -0.02 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

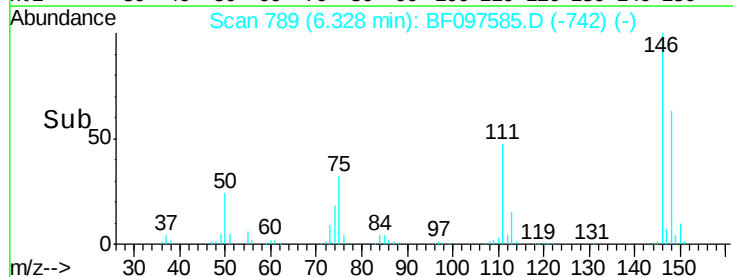
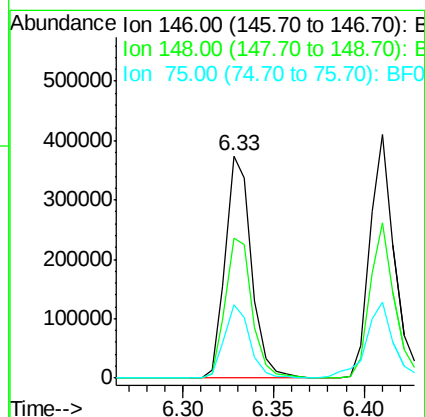
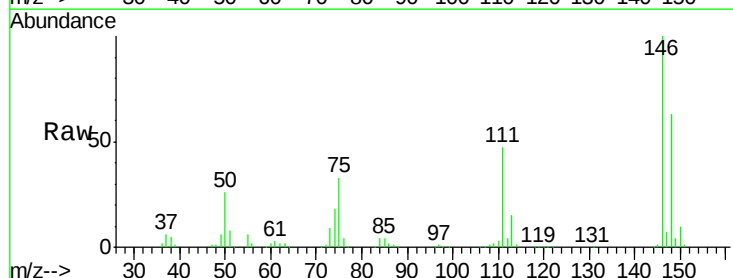
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

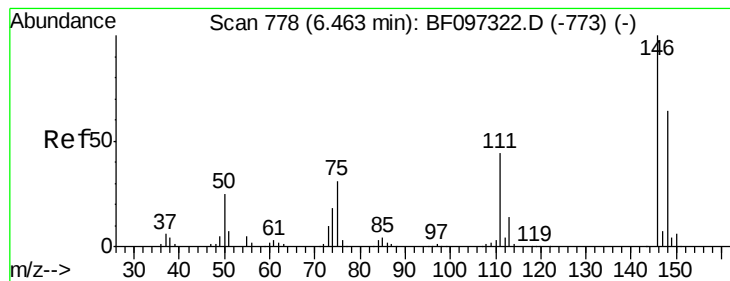
Tot Ion: 93 Resp: 363545
Ion Ratio Lower Upper
93 100
63 89.2 59.2 99.2
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.06 ng
RT: 6.33 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

Tgt Ion: 146 Resp: 376947
Ion Ratio Lower Upper
146 100
148 63.0 51.8 77.6
75 32.8 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 42.23 ng

RT: 6.41 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

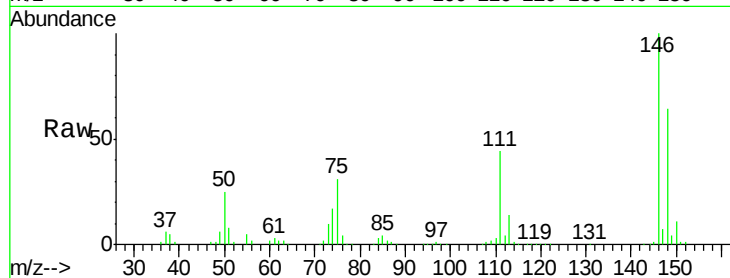
Tot Ion:146 Resp: 393803

Ion Ratio Lower Upper

146 100

148 63.5 52.2 78.2

111 44.3 30.3 45.5



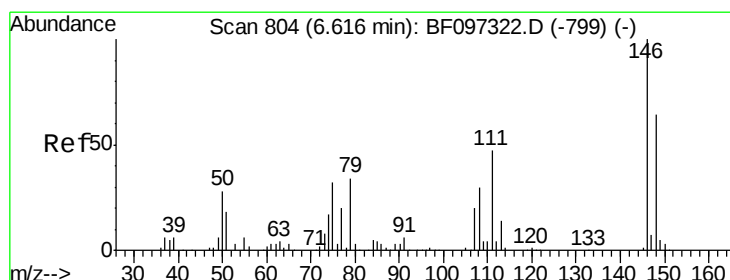
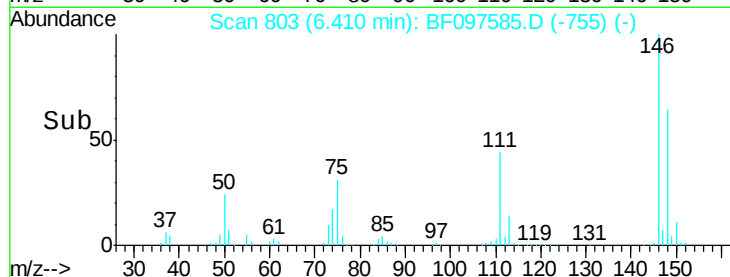
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.41

Time-->



#14

1,2-Dichlorobenzene

Concen: 40.20 ng

RT: 6.56 min Scan# 829

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

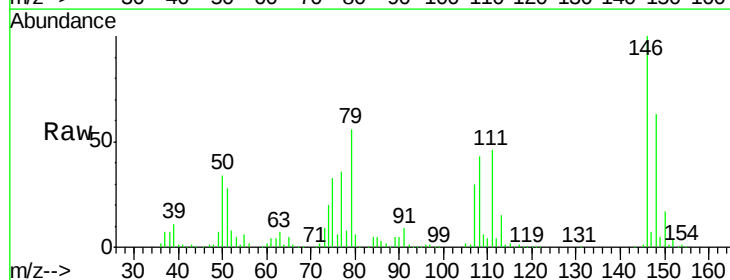
Tgt Ion:146 Resp: 327283

Ion Ratio Lower Upper

146 100

148 63.2 50.4 75.6

111 46.3 38.2 57.4



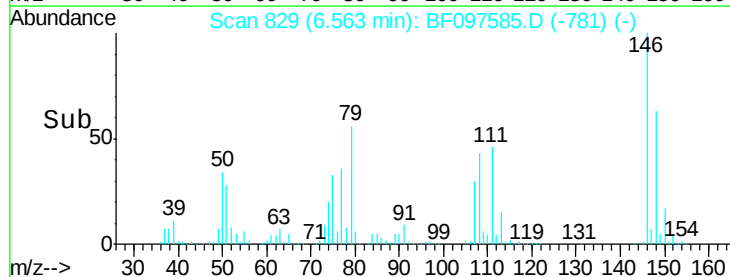
Abundance Ion 146.00 (145.70 to 146.70): E

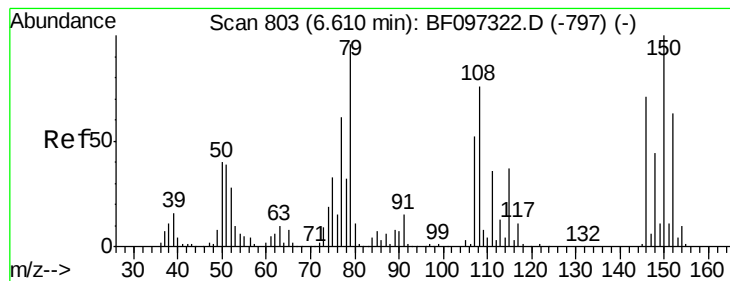
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.56

Time-->





#15

Benzyl Alcohol

Concen: 48.30 ng

RT: 6.57 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

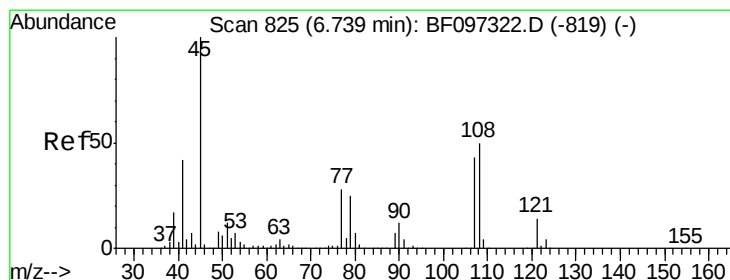
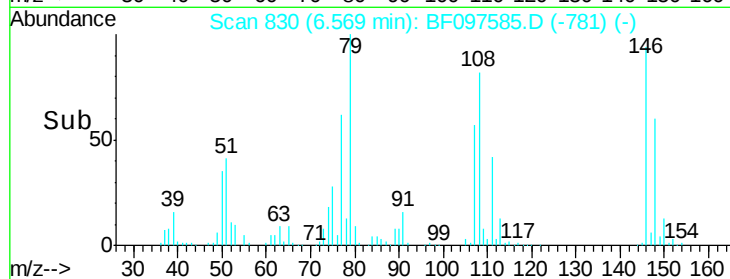
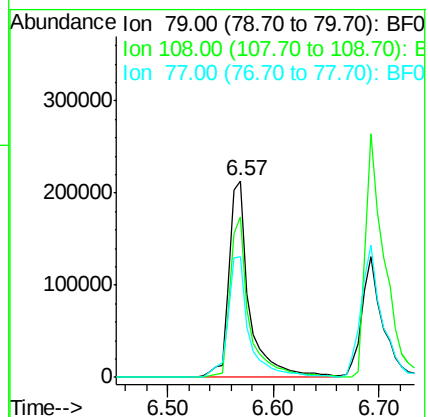
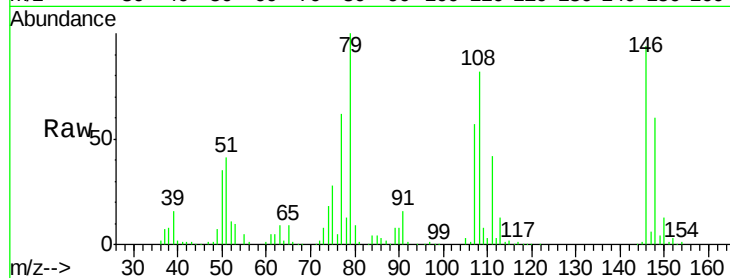
Tot Ion: 79 Resp: 285024

Ion Ratio Lower Upper

79 100

108 81.9 63.4 95.0

77 61.5 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.90 ng

RT: 6.68 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

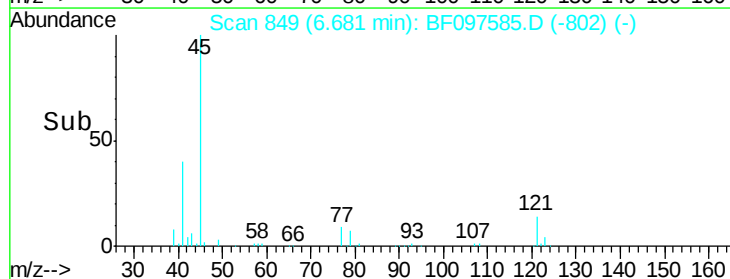
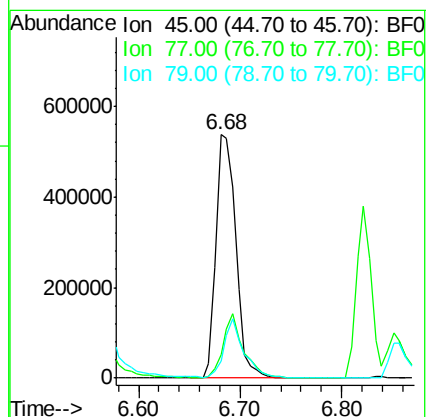
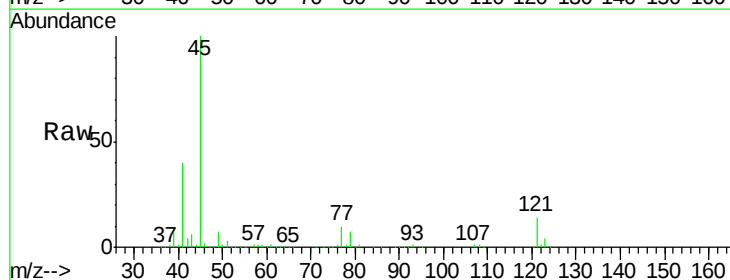
Tgt Ion: 45 Resp: 734802

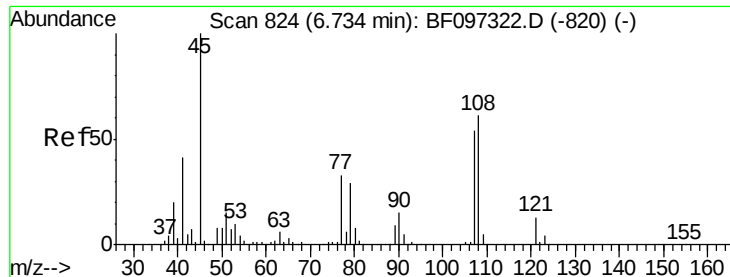
Ion Ratio Lower Upper

45 100

77 9.6 0.0 33.2

79 6.8 0.0 30.0





#17

2-Methylphenol

Concen: 42.67 ng

RT: 6.69 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 287482

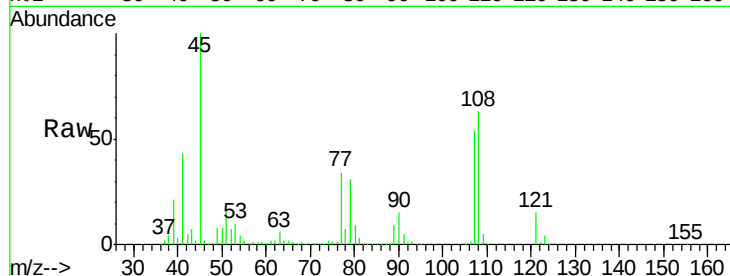
Ion Ratio Lower Upper

107 100

108 116.8 93.4 140.0

77 63.3 35.8 53.6#

79 58.2 34.8 52.2#

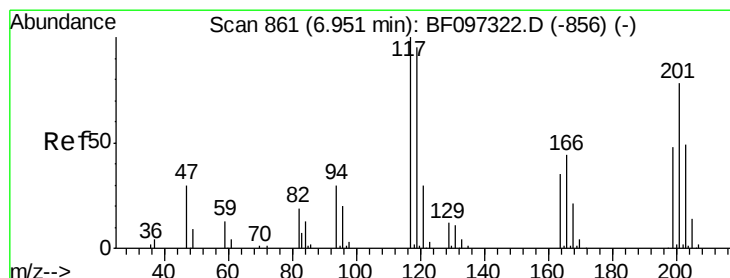
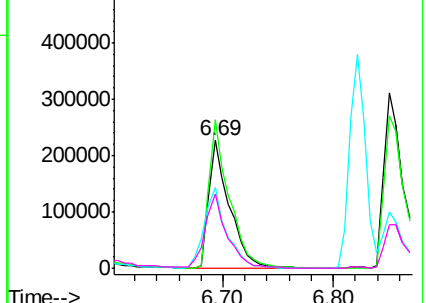
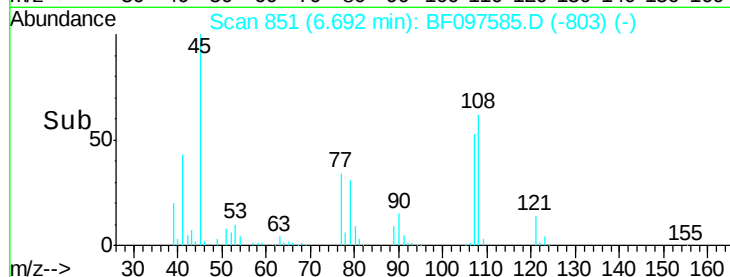


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.34 ng

RT: 6.90 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

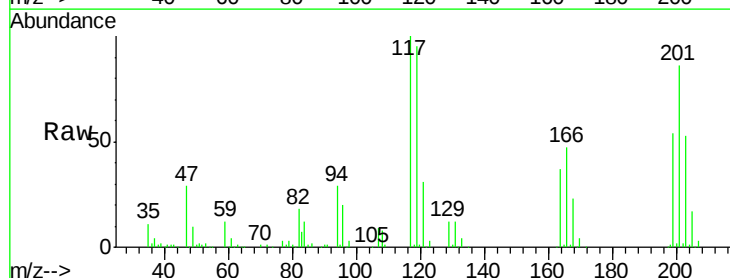
Tgt Ion:117 Resp: 137609

Ion Ratio Lower Upper

117 100

119 95.2 77.4 116.0

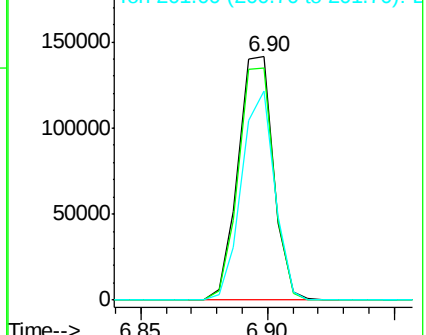
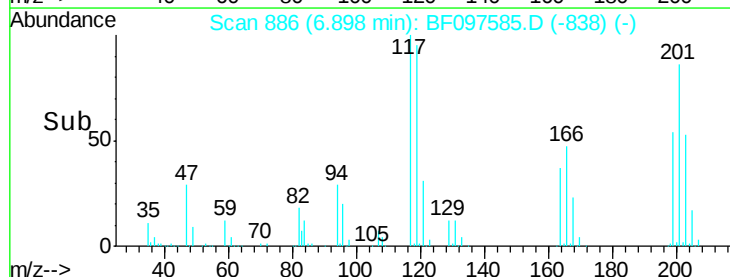
201 85.8 94.6 141.8#

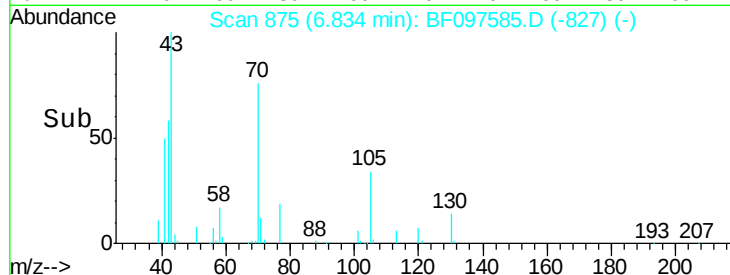
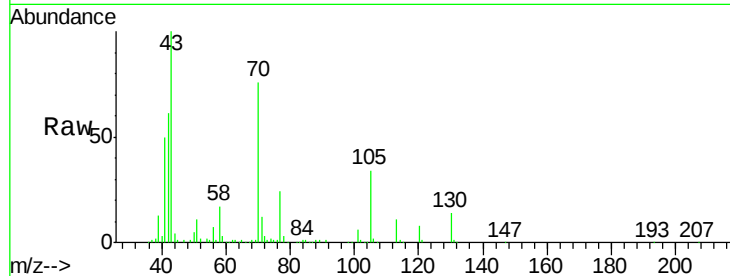
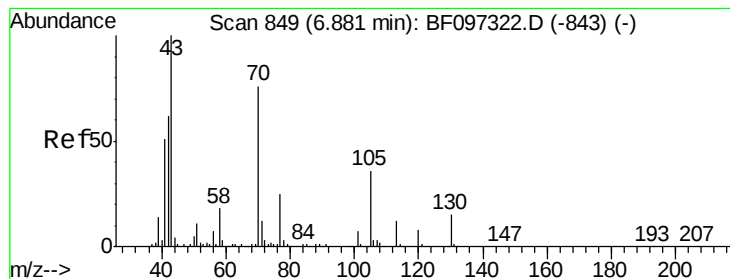


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 45.11 ng

RT: 6.83 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 276766

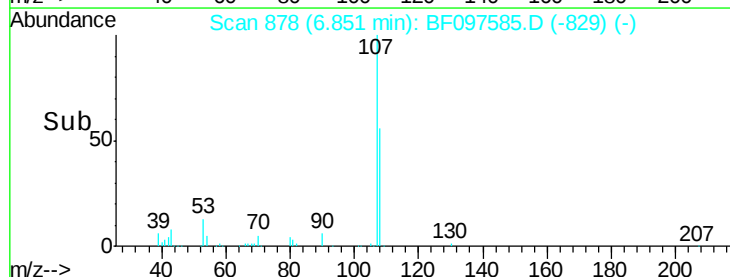
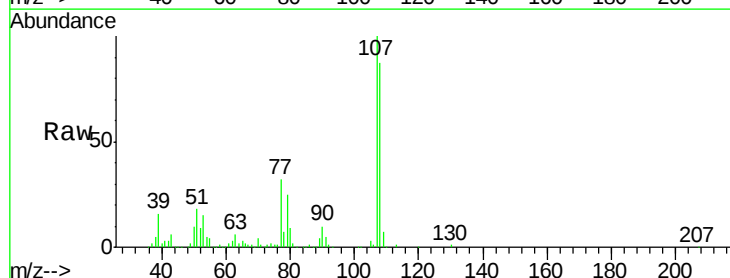
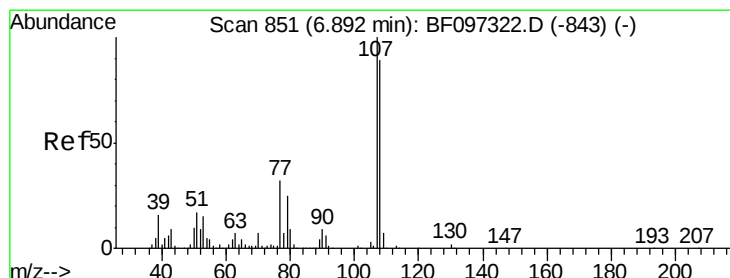
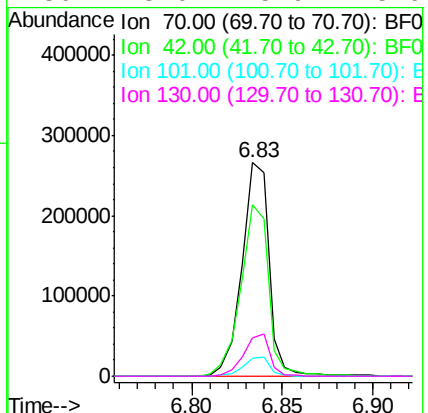
Ion Ratio Lower Upper

70 100

42 80.3 47.2 70.8#

101 8.5 7.2 10.8

130 18.0 15.9 23.9



#20

3+4-Methylphenols

Concen: 46.31 ng

RT: 6.85 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

Tgt Ion: 107 Resp: 407565

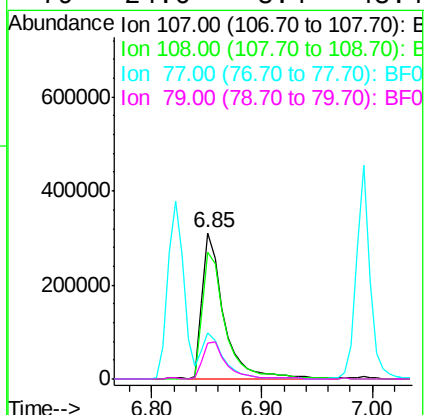
Ion Ratio Lower Upper

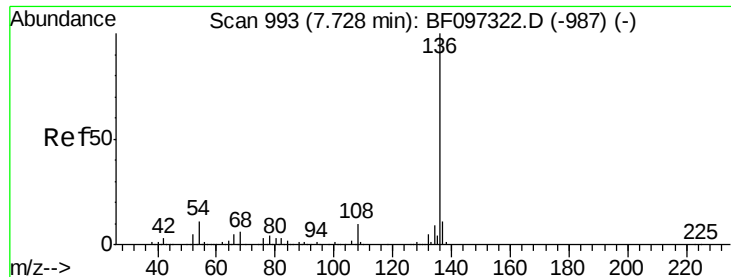
107 100

108 86.9 71.0 111.0

77 31.9 90.5 130.5#

79 24.6 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.67 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 499442

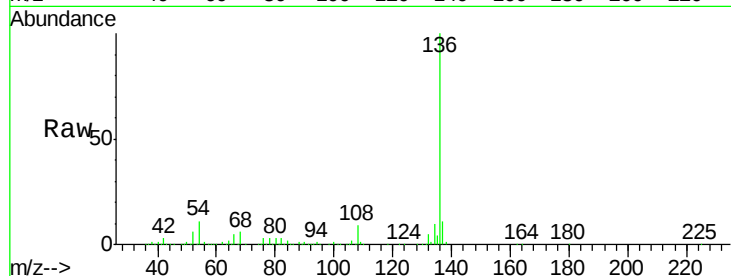
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 11.2 4.9 7.3#

68 5.9 4.1 6.1

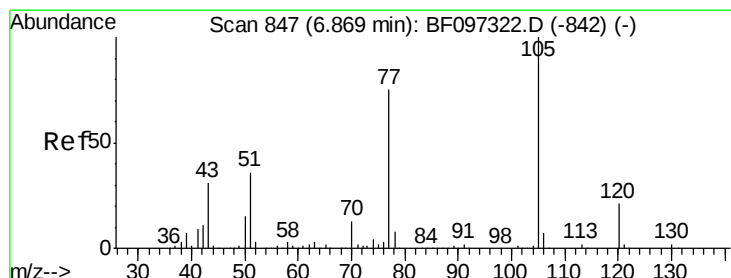
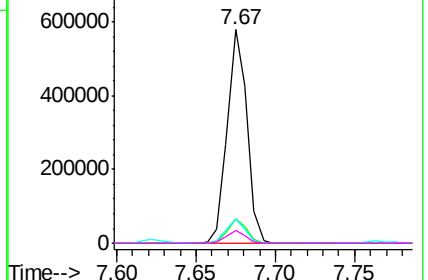
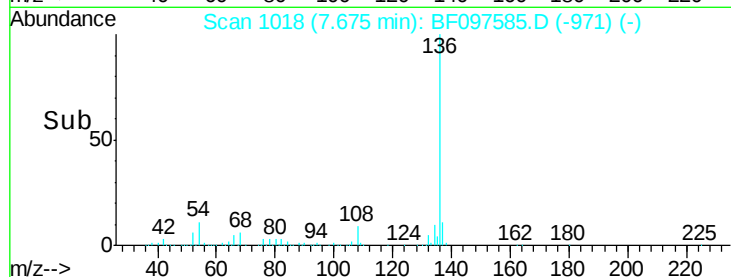


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.47 ng

RT: 6.82 min Scan# 873

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

Tgt Ion:105 Resp: 521362

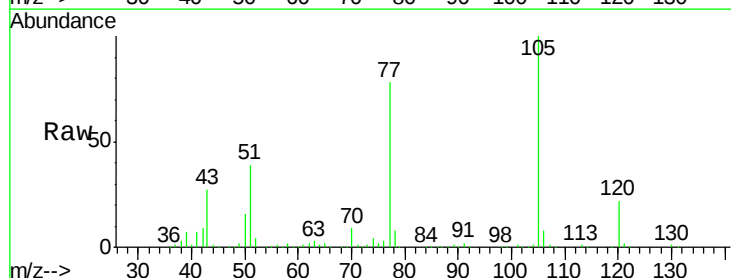
Ion Ratio Lower Upper

105 100

71 1.4 2.8 4.2#

51 38.5 30.7 46.1

120 21.8 17.4 26.0

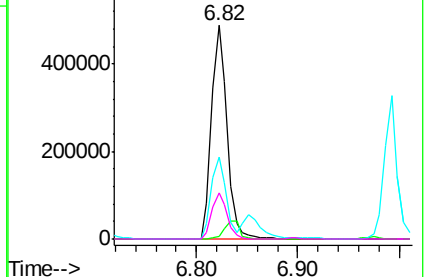
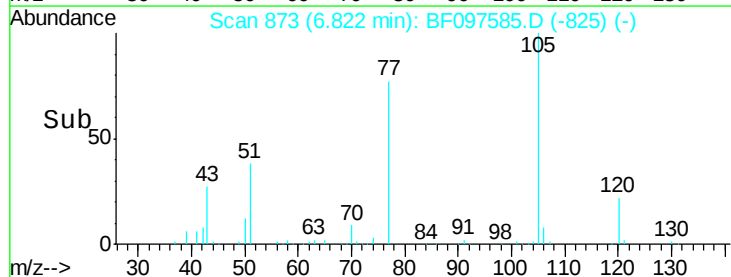


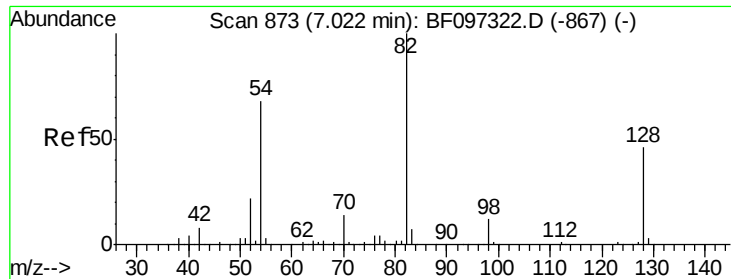
Abundance Ion 105.00 (104.70 to 105.70): E

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

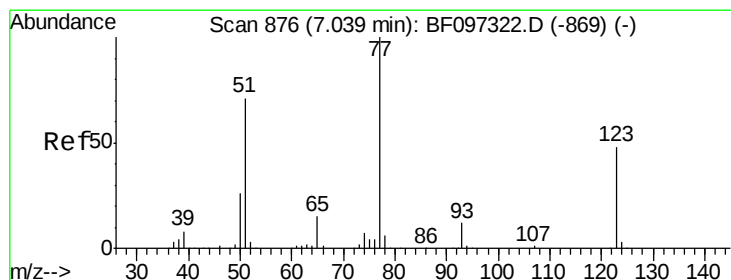
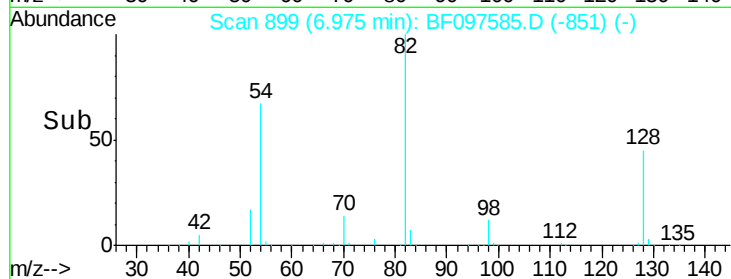
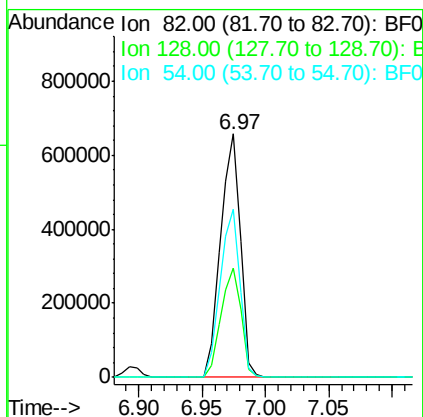
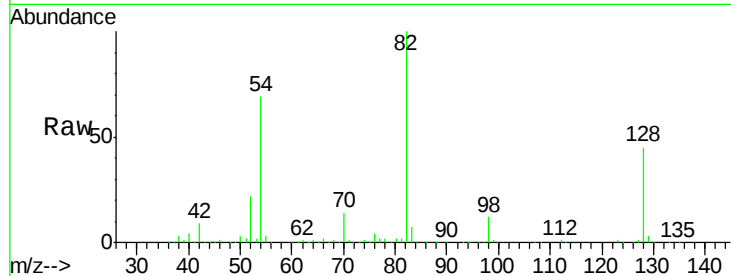




#23
Nitrobenzene-d5
Concen: 84.60 ng
RT: 6.97 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

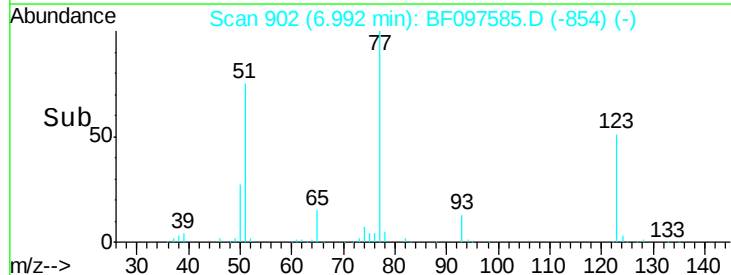
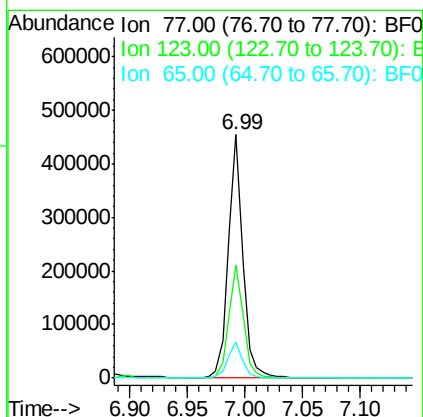
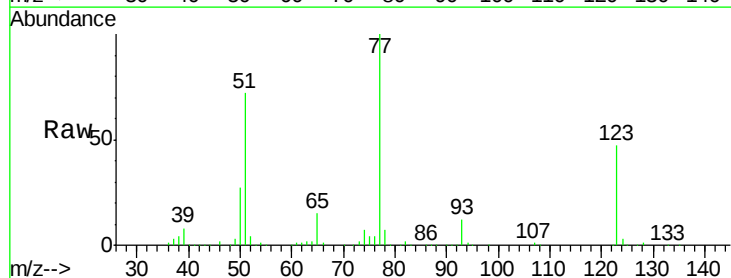
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

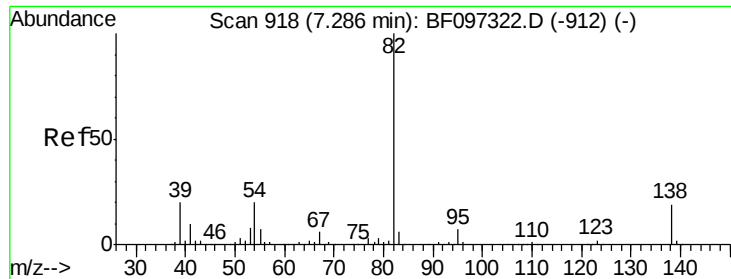
Tot Ion: 82 Resp: 720229
Ion Ratio Lower Upper
82 100
128 45.0 34.0 51.0
54 68.9 42.2 63.2#



#24
Nitrobenzene
Concen: 44.63 ng
RT: 6.99 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

Tgt Ion: 77 Resp: 395704
Ion Ratio Lower Upper
77 100
123 46.7 35.8 53.8
65 14.9 10.6 15.8





#25

Isophorone

Concen: 35.24 ng

RT: 7.23 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

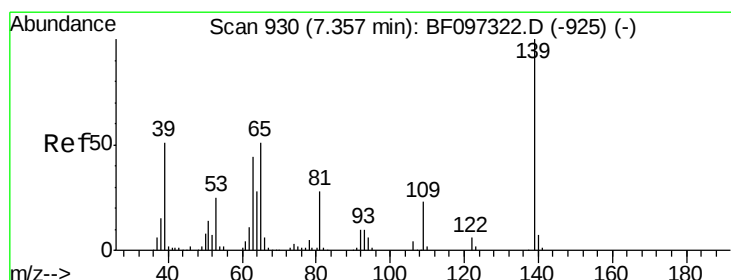
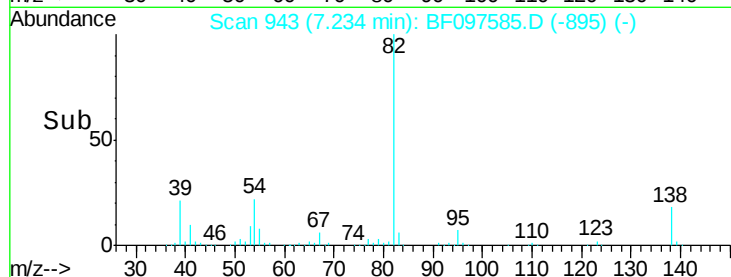
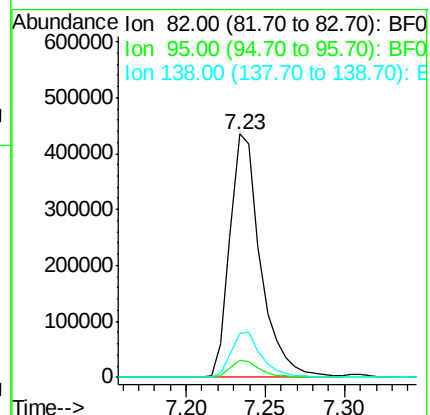
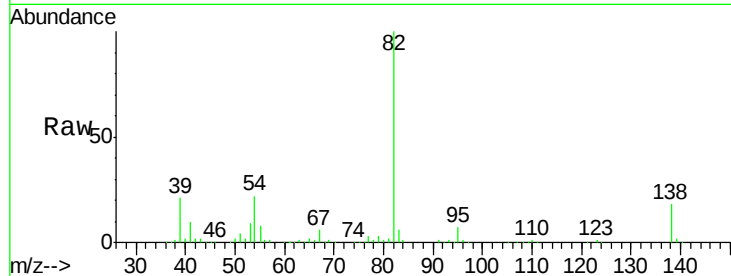
Tot Ion: 82 Resp: 587560

Ion Ratio Lower Upper

82 100

95 7.2 5.3 7.9

138 18.2 13.1 19.7



#26

2-Nitrophenol

Concen: 40.68 ng

RT: 7.31 min Scan# 956

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

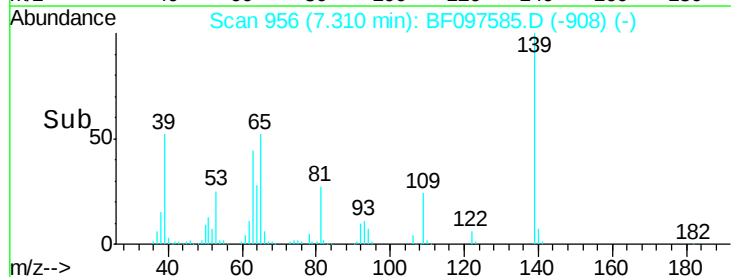
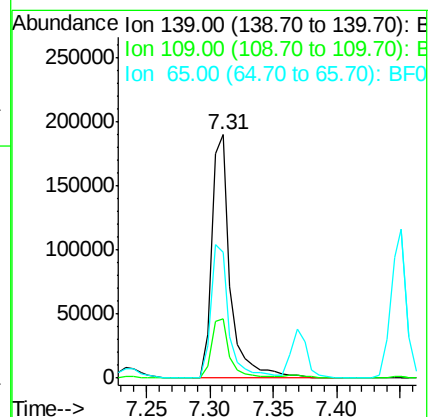
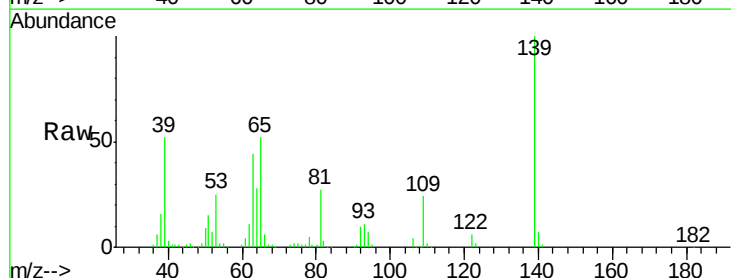
Tgt Ion: 139 Resp: 195123

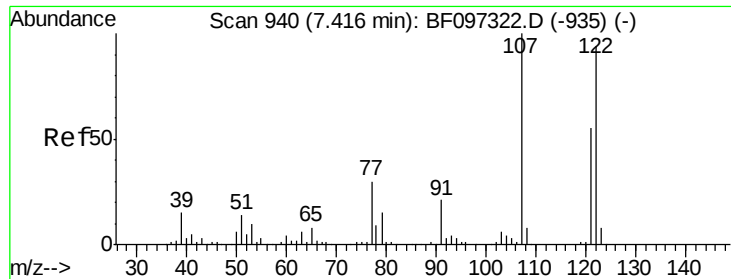
Ion Ratio Lower Upper

139 100

109 24.3 21.0 31.6

65 51.7 33.0 49.6#

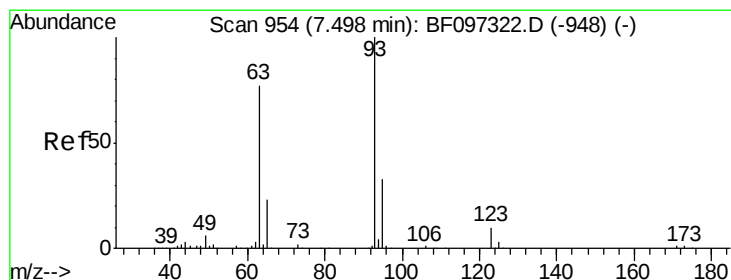
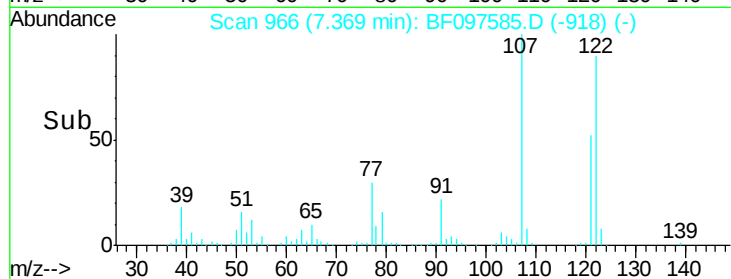
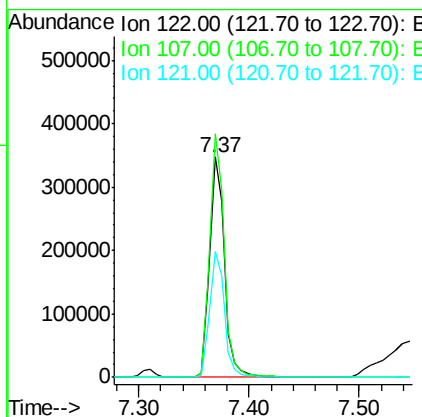
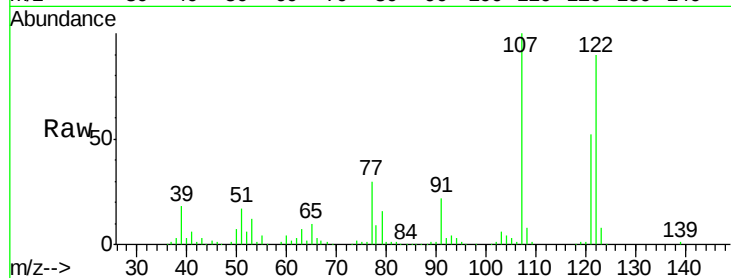




#27
 2,4-Dimethylphenol
 Concen: 39.57 ng
 RT: 7.37 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BF097585.D
 Acq: 11 Aug 2017 4:22

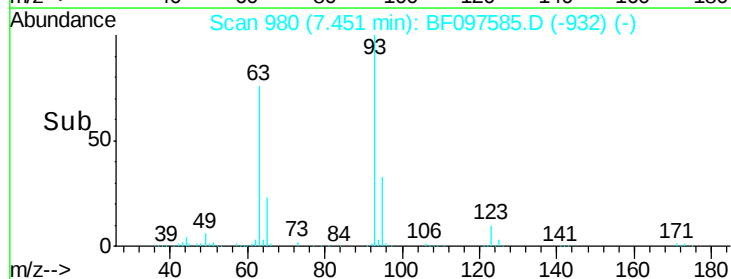
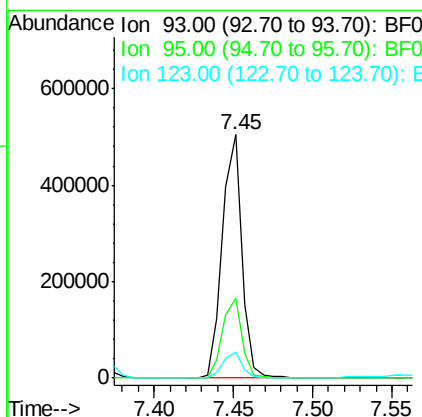
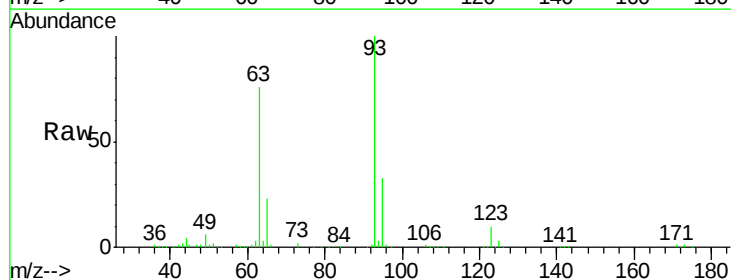
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

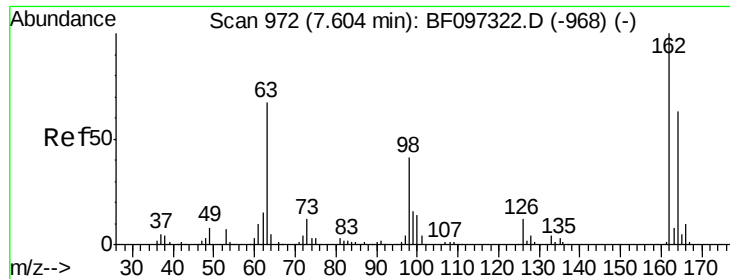
Tot Ion:122 Resp: 313125
 Ion Ratio Lower Upper
 122 100
 107 110.6 89.2 133.8
 121 57.4 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.60 ng
 RT: 7.45 min Scan# 980
 Delta R.T. -0.02 min
 Lab File: BF097585.D
 Acq: 11 Aug 2017 4:22

Tgt Ion: 93 Resp: 430895
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.5 39.7
 123 10.4 9.0 13.4

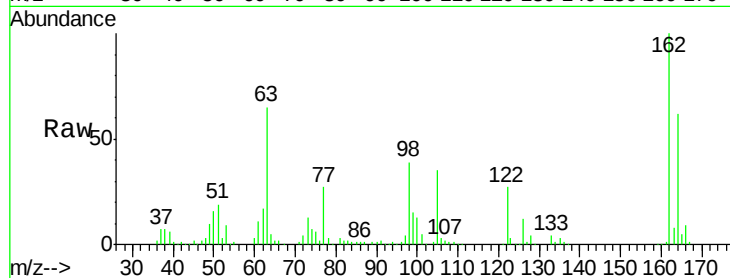




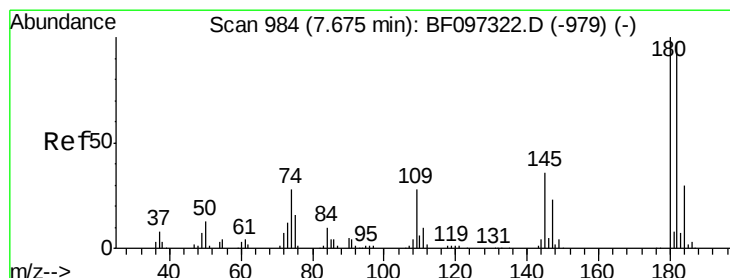
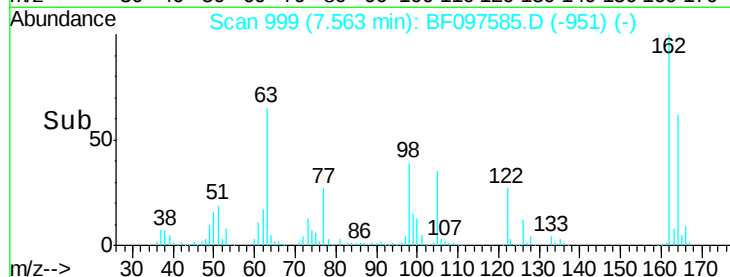
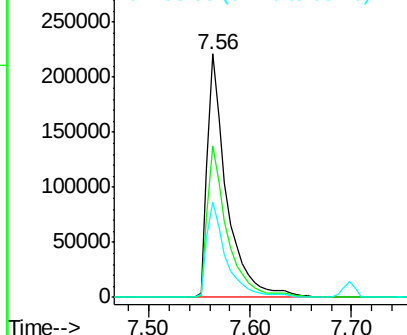
#29
 2,4-Dichlorophenol
 Concen: 42.98 ng
 RT: 7.56 min Scan# 999
 Delta R.T. -0.02 min
 Lab File: BF097585.D
 Acq: 11 Aug 2017 4:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	44.6	84.6
98	39.0	14.8	54.8

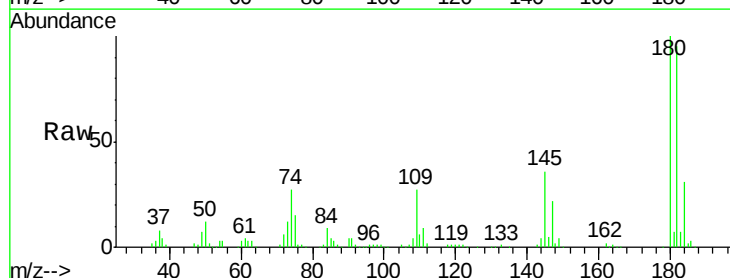


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

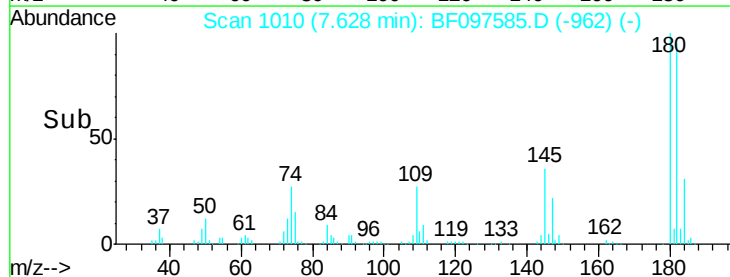
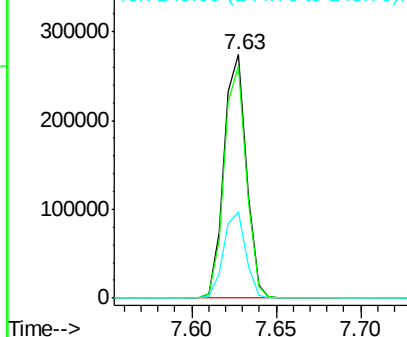


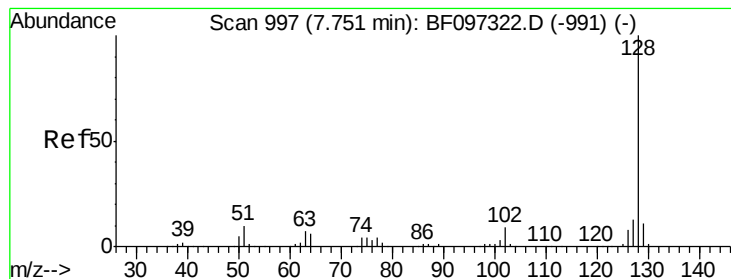
#30
 1,2,4-Trichlorobenzene
 Concen: 39.07 ng
 RT: 7.63 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BF097585.D
 Acq: 11 Aug 2017 4:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.8	113.6
145	35.6	25.3	37.9



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





#31

Naphthalene

Concen: 39.52 ng

RT: 7.70 min Scan# 1022

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

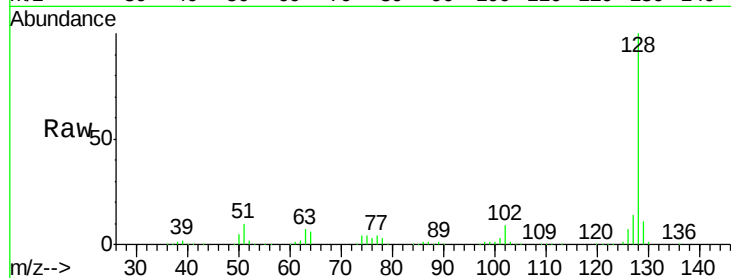
Tot Ion:128 Resp: 930453

Ion Ratio Lower Upper

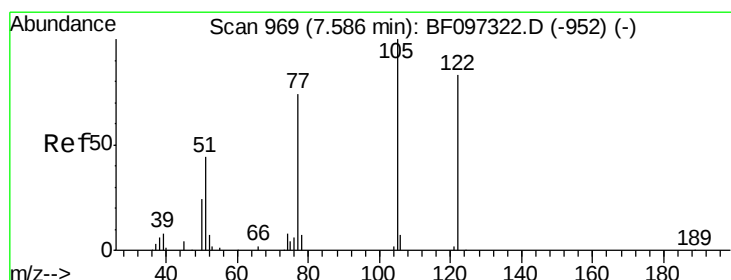
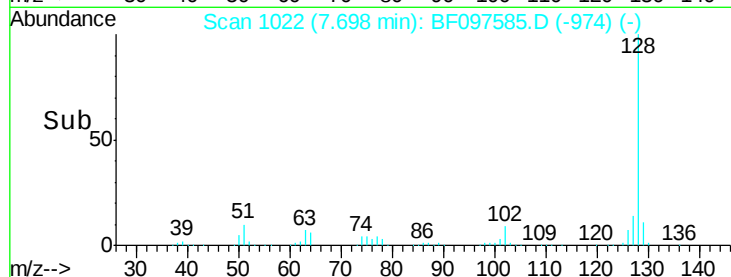
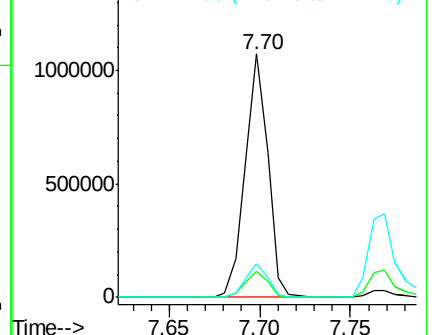
128 100

129 10.9 9.0 13.6

127 13.6 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: 29.64 ng

RT: 7.55 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

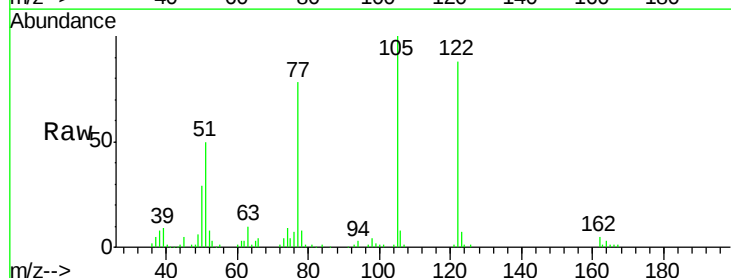
Tgt Ion:122 Resp: 175119

Ion Ratio Lower Upper

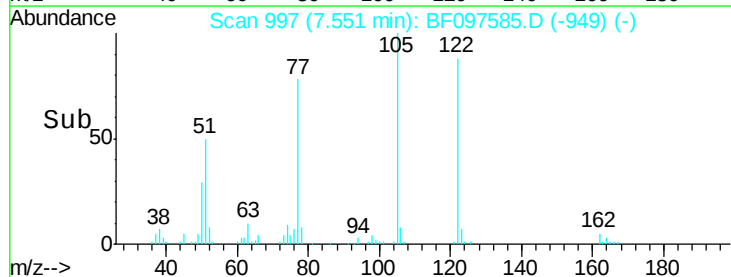
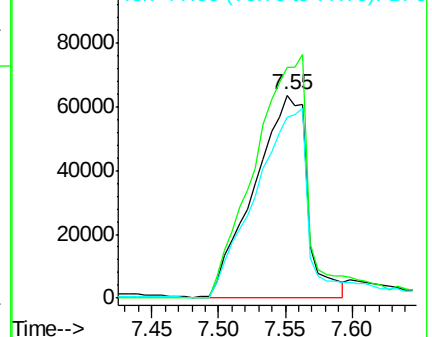
122 100

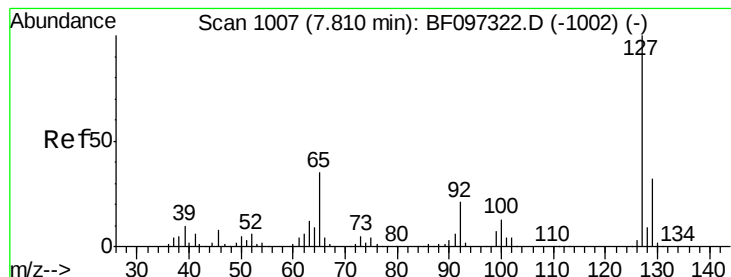
105 113.9 103.3 143.3

77 89.3 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: 42.51 ng

RT: 7.77 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 407225

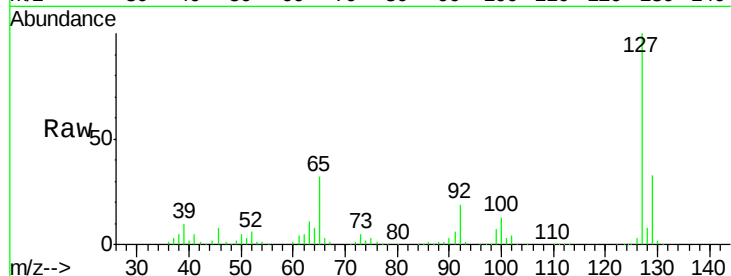
Ion Ratio Lower Upper

127 100

129 33.1 26.2 39.2

65 32.4 27.8 41.8

92 19.0 16.8 25.2

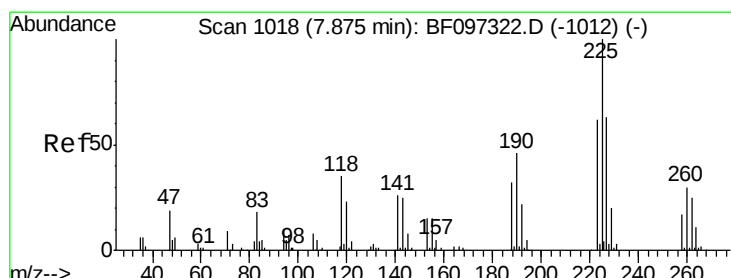
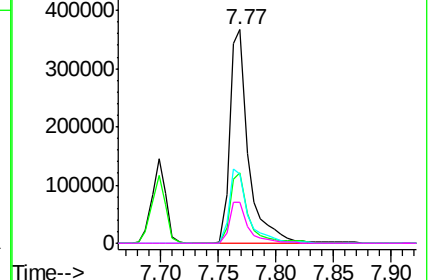
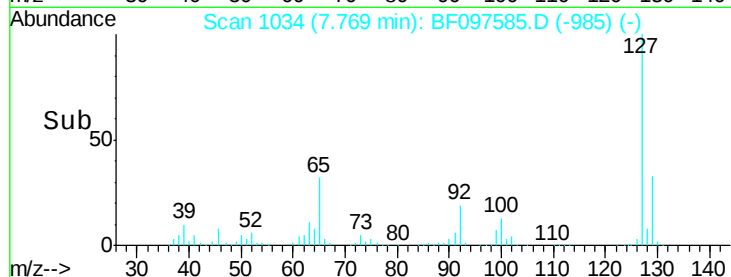


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.69 ng

RT: 7.82 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

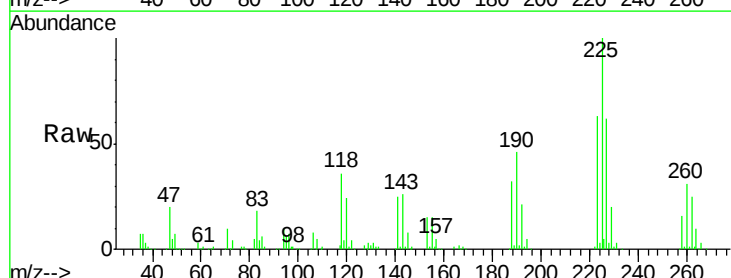
Tgt Ion:225 Resp: 140172

Ion Ratio Lower Upper

225 100

223 62.9 48.8 73.2

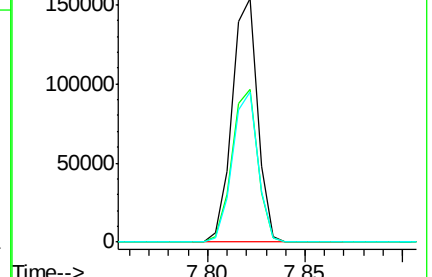
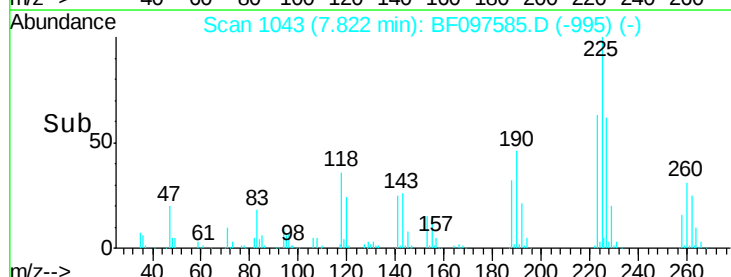
227 61.8 51.1 76.7

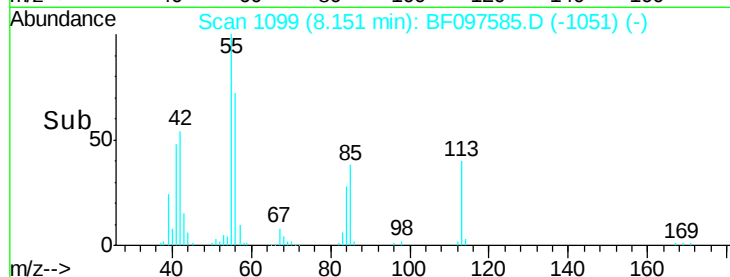
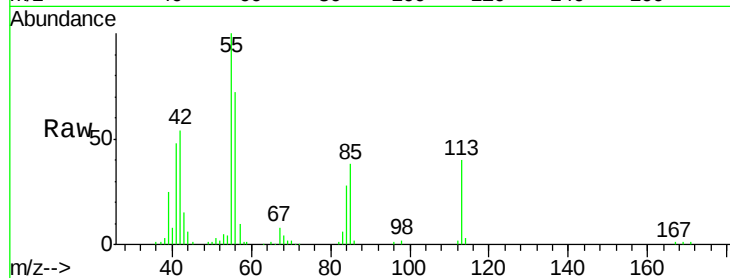
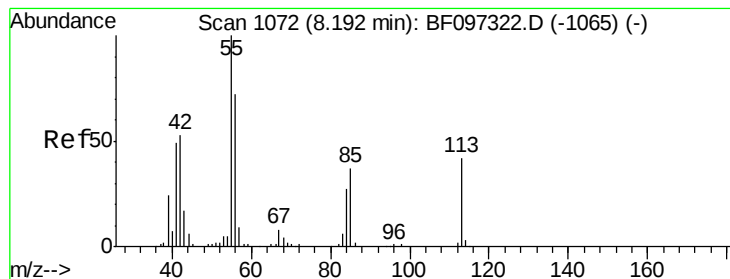


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 18.70 ng

RT: 8.15 min Scan# 1099

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

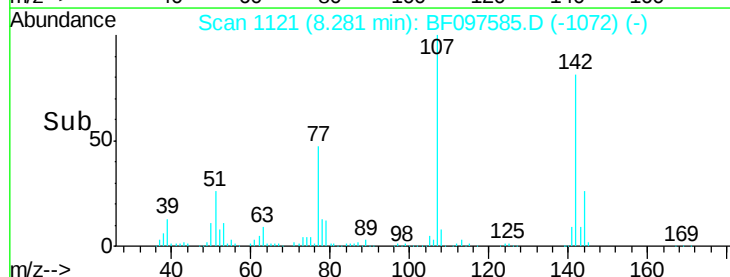
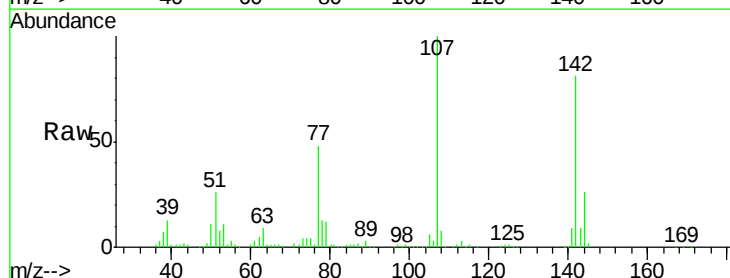
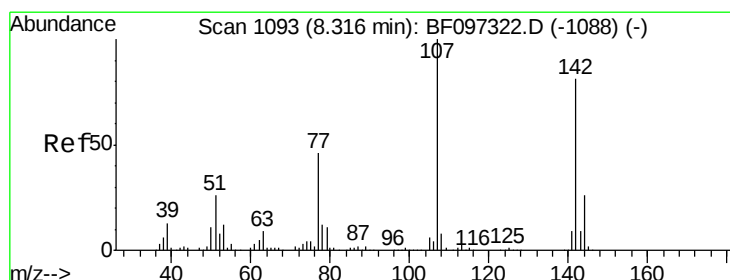
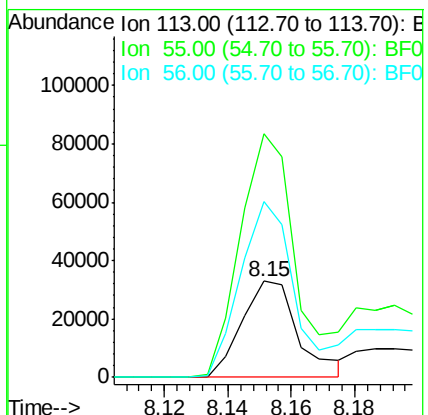
Tot Ion:113 Resp: 40886

Ion Ratio Lower Upper

113 100

55 252.9 150.2 190.2#

56 182.1 107.8 147.8#



#36

4-Chloro-3-methylphenol

Concen: 37.02 ng

RT: 8.28 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

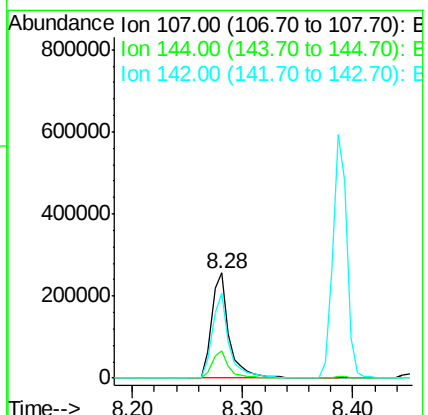
Tgt Ion:107 Resp: 275341

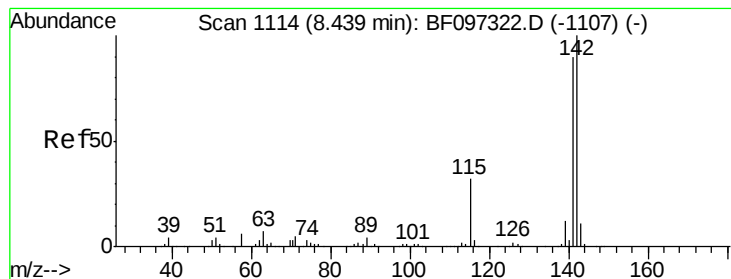
Ion Ratio Lower Upper

107 100

144 26.4 24.2 36.4

142 81.2 73.4 110.0





#37

2-Methylnaphthalene

Concen: 35.52 ng

RT: 8.39 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

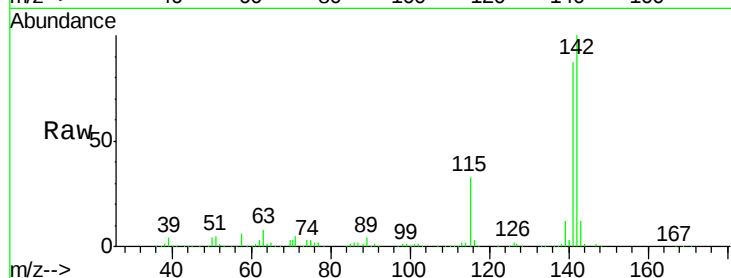
Tot Ion:142 Resp: 529405

Ion Ratio Lower Upper

142 100

141 87.5 71.3 106.9

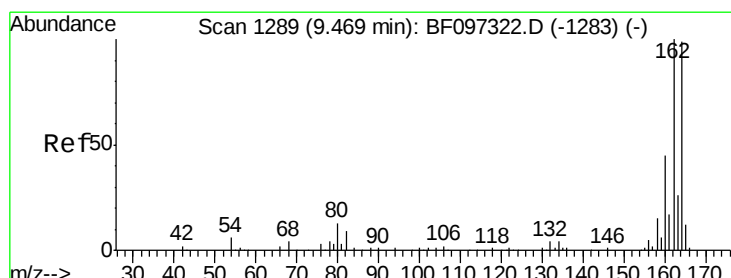
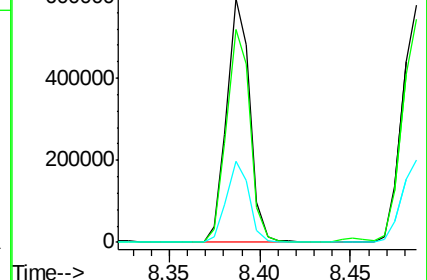
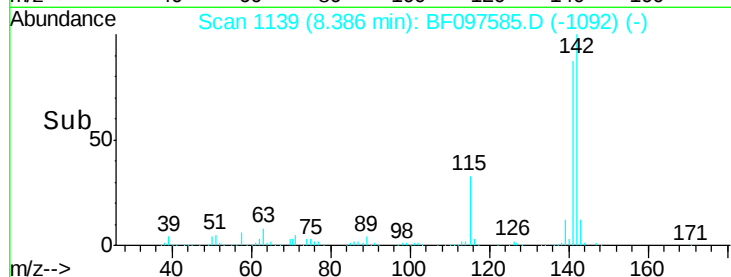
115 33.2 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.42 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

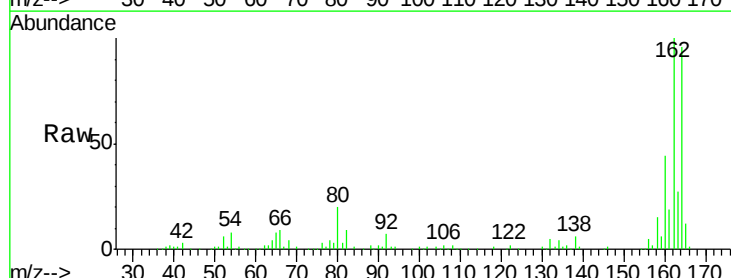
Tgt Ion:164 Resp: 177580

Ion Ratio Lower Upper

164 100

162 103.7 82.6 123.8

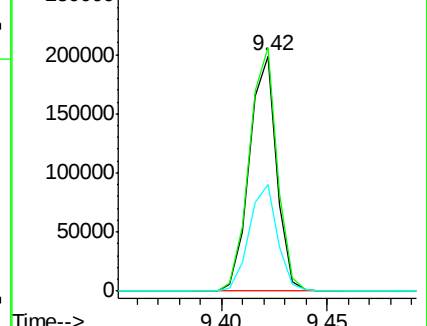
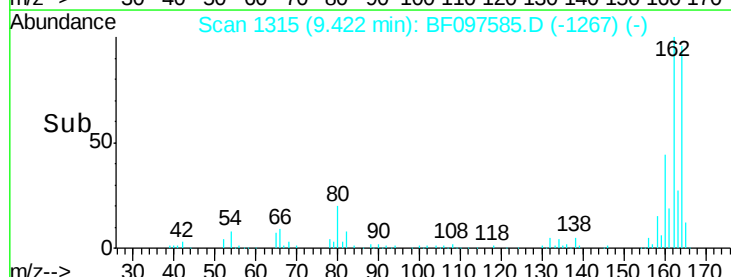
160 45.2 36.2 54.2

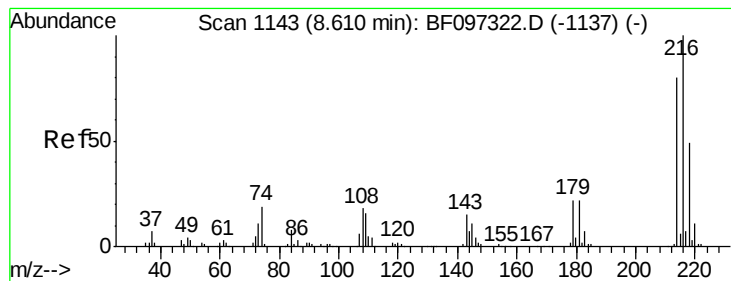


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

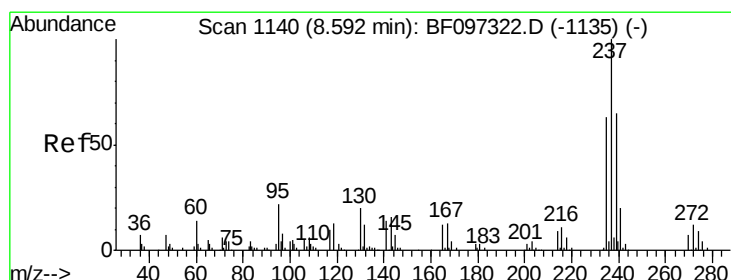
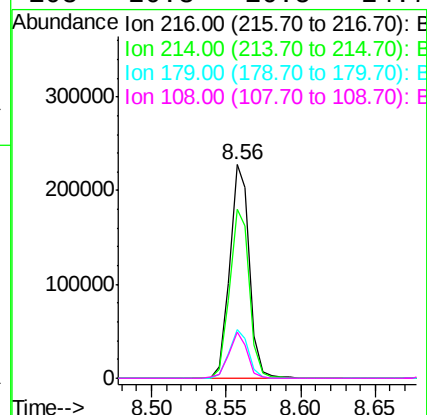
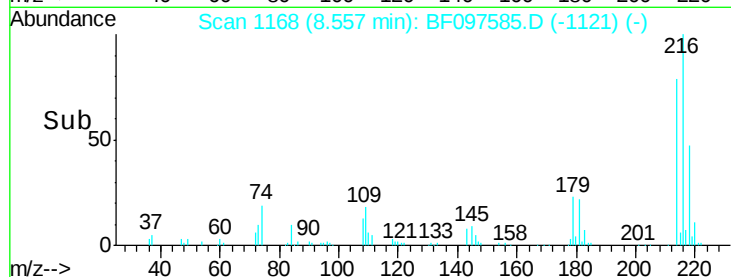
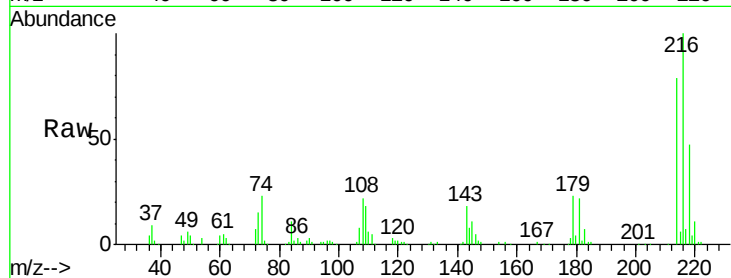




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.00 ng
 RT: 8.56 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF097585.D
 Acq: 11 Aug 2017 4:22

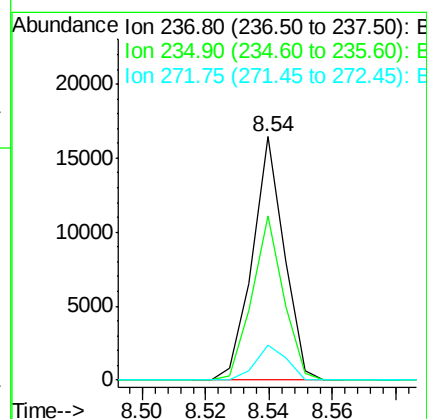
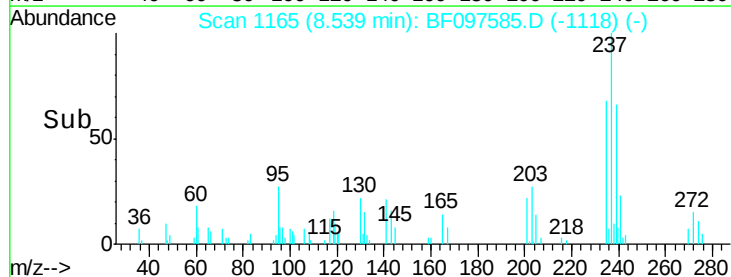
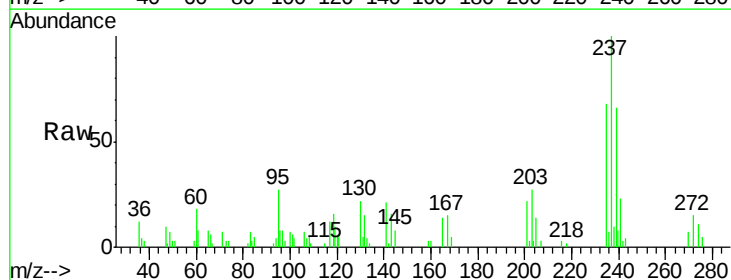
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

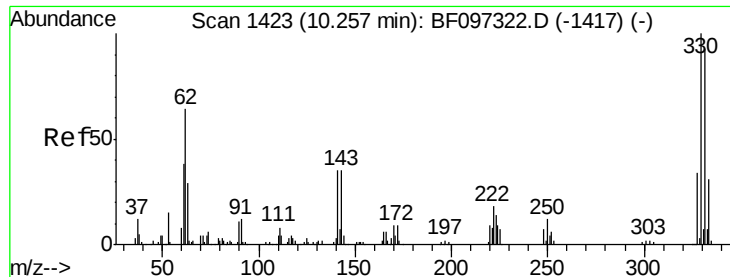
Tot Ion:	216	Resp:	213246
Ion Ratio	Lower	Upper	
216	100		
214	79.6	63.4	95.2
179	22.5	17.9	26.9
108	20.3	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 12.92 ng
 RT: 8.54 min Scan# 1165
 Delta R.T. -0.02 min
 Lab File: BF097585.D
 Acq: 11 Aug 2017 4:22

Tgt Ion:	237	Resp:	11430
Ion Ratio	Lower	Upper	
237	100		
235	67.6	42.6	82.6
272	14.5	0.0	31.9

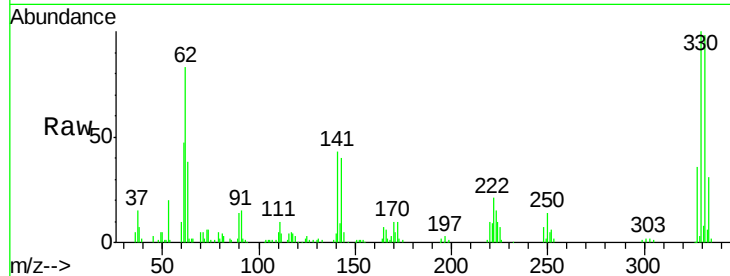




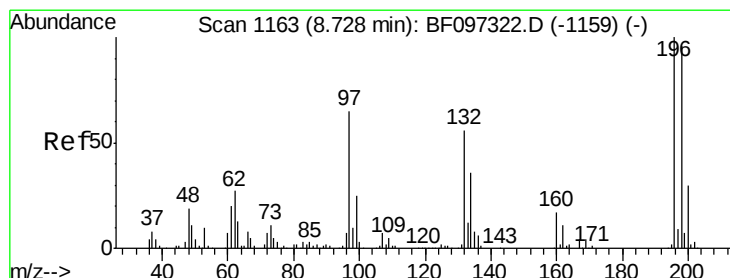
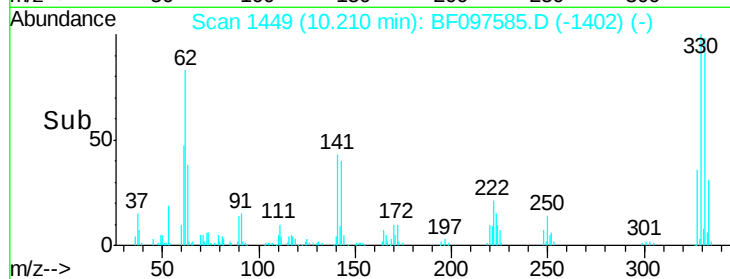
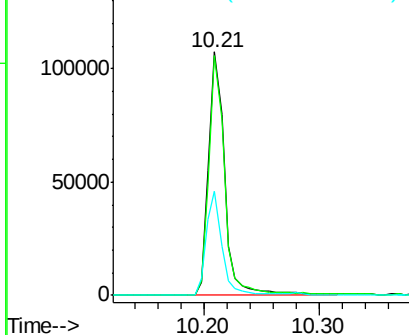
#41
 2,4,6-Tribromophenol
 Concen: 75.47 ng
 RT: 10.21 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF097585.D
 Acq: 11 Aug 2017 4:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 105884
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 41.0 31.4 47.2

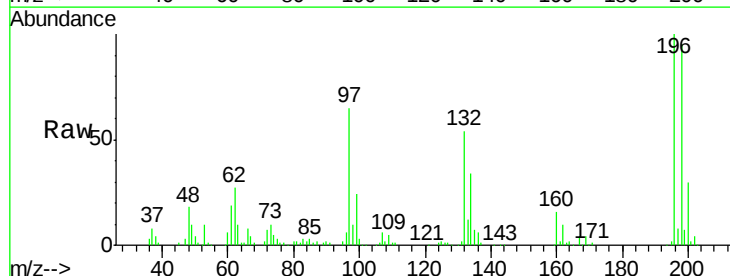


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

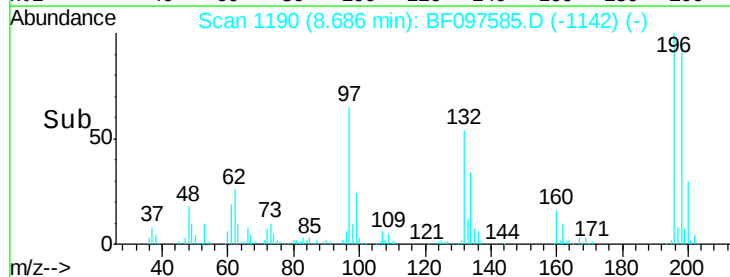
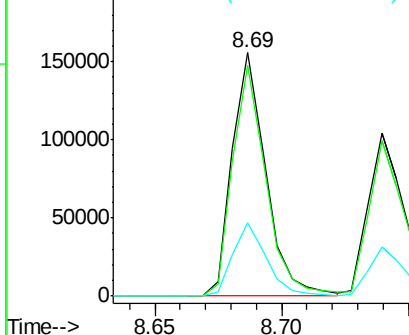


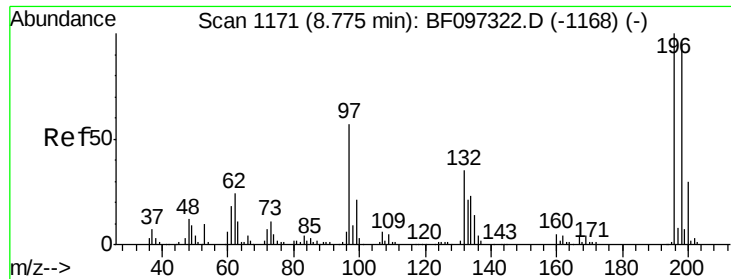
#42
 2,4,6-Trichlorophenol
 Concen: 41.92 ng
 RT: 8.69 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF097585.D
 Acq: 11 Aug 2017 4:22

Tgt Ion:196 Resp: 143941
 Ion Ratio Lower Upper
 196 100
 198 95.0 74.2 111.4
 200 30.0 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

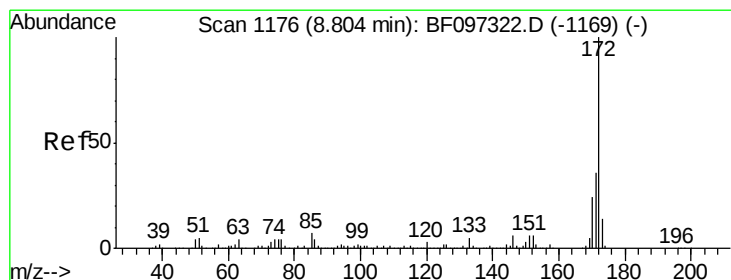
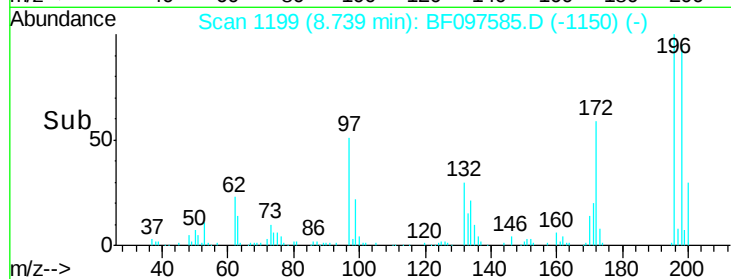
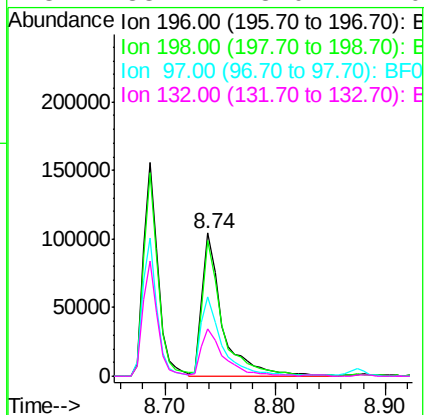
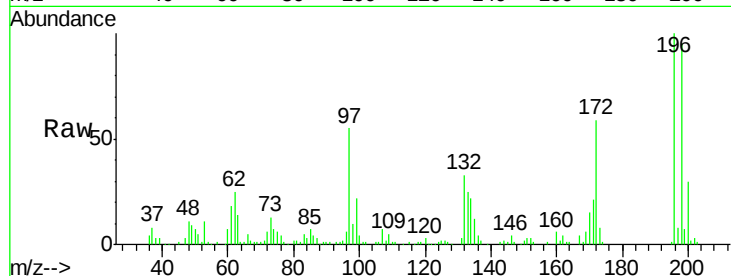




#43
 2,4,5-Trichlorophenol
 Concen: 37.59 ng
 RT: 8.74 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097585.D
 Acq: 11 Aug 2017 4:22

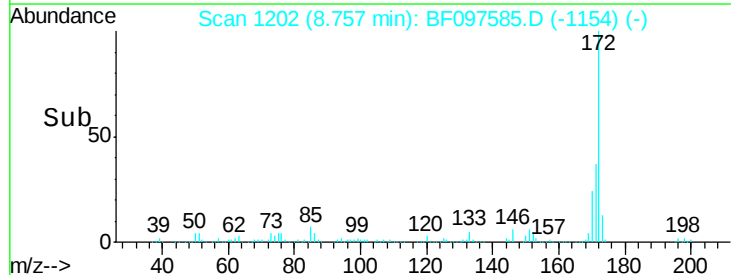
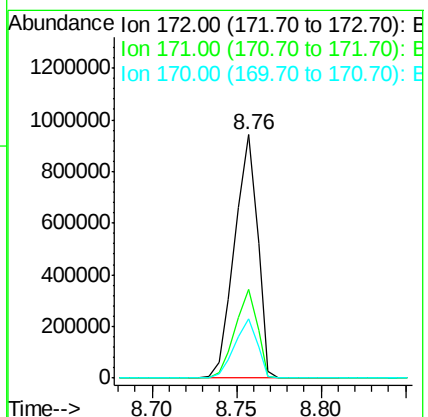
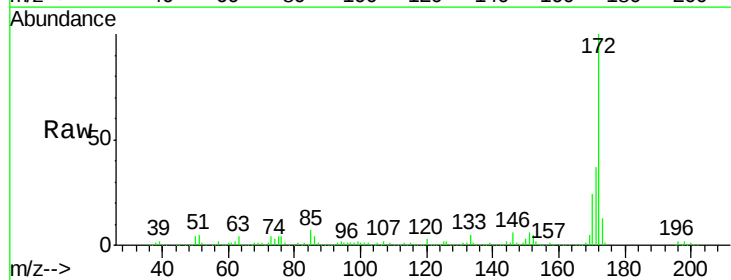
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

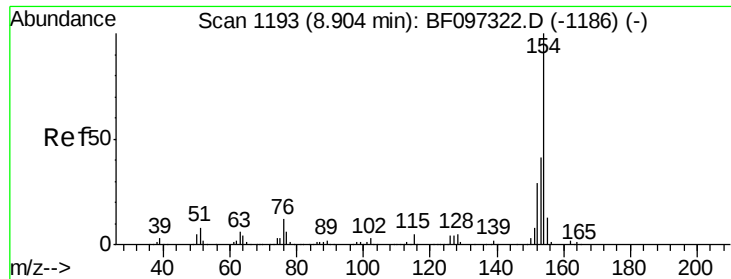
Tot Ion:	196	Resp:	129188
Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
97	55.2	47.7	71.5
132	33.4	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 85.22 ng
 RT: 8.76 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF097585.D
 Acq: 11 Aug 2017 4:22

Tgt Ion:	172	Resp:	891686
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.1	19.8	29.8





#45

1,1'-Biphenyl

Concen: 42.76 ng

RT: 8.86 min Scan# 1219

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

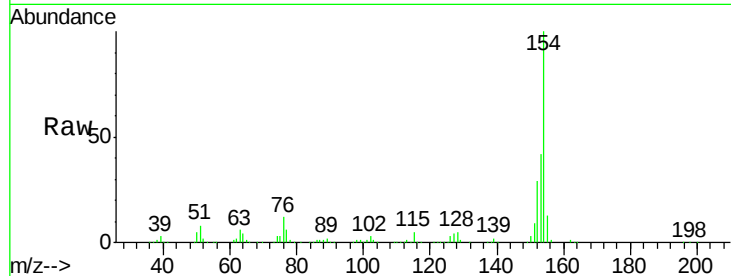
Tot Ion:154 Resp: 648626

Ion Ratio Lower Upper

154 100

153 42.0 21.2 61.2

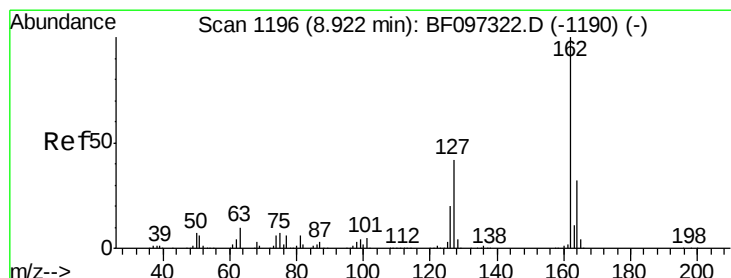
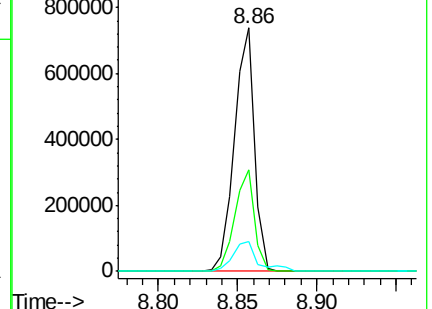
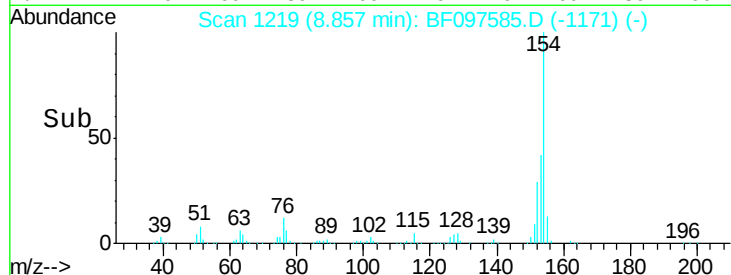
76 12.2 0.0 29.9



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: 42.98 ng

RT: 8.87 min Scan# 1222

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

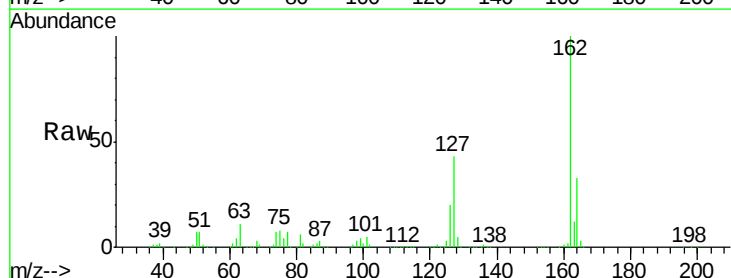
Tgt Ion:162 Resp: 479703

Ion Ratio Lower Upper

162 100

127 42.5 28.3 42.5#

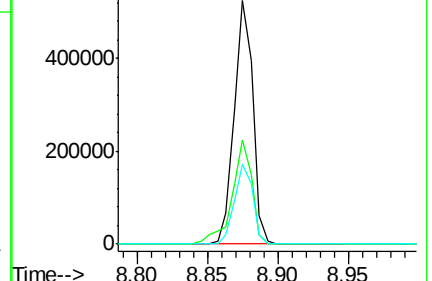
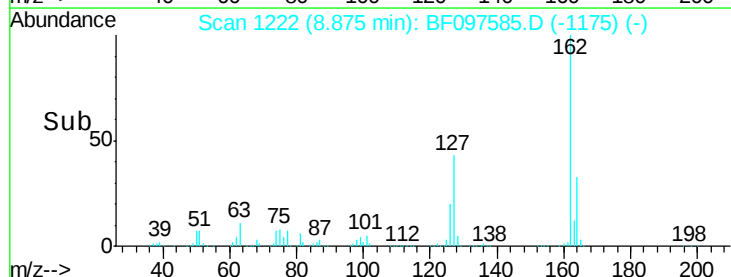
164 32.6 27.0 40.4

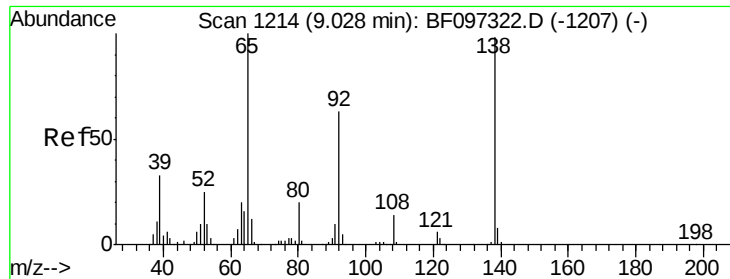


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

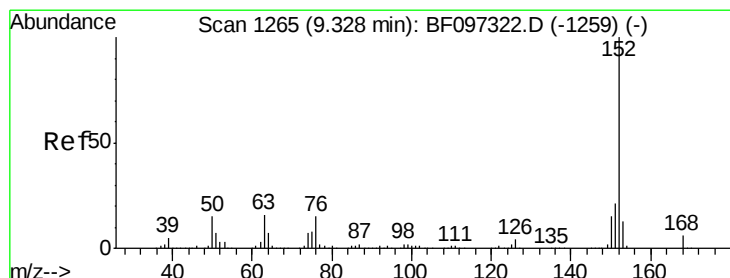
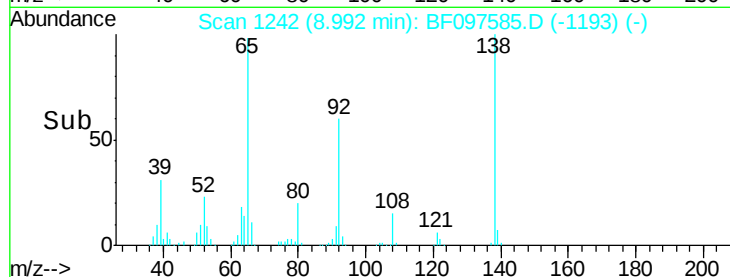
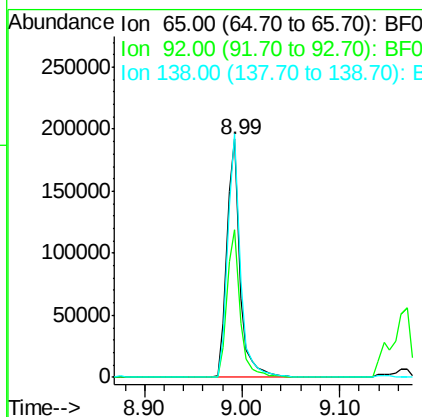
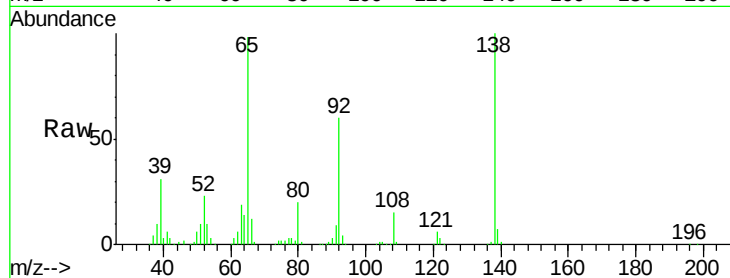




#47
2-Nitroaniline
Concen: 44.25 ng
RT: 8.99 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

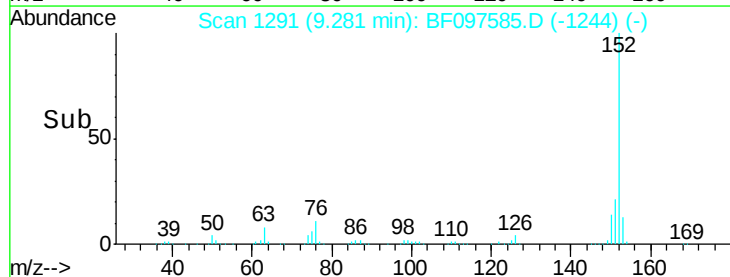
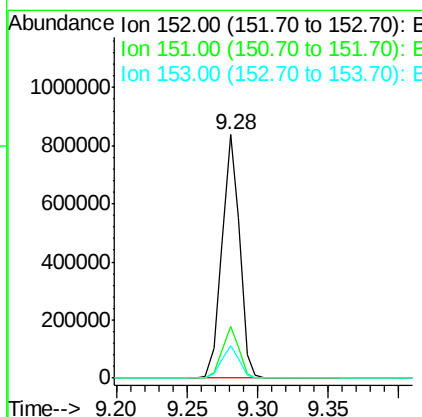
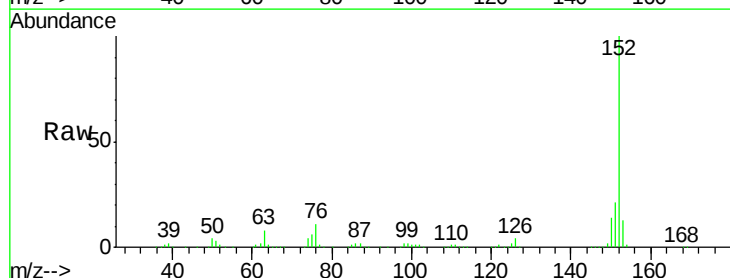
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

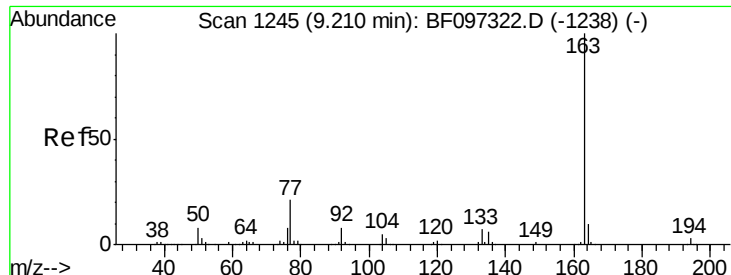
Tot Ion: 65 Resp: 179229
Ion Ratio Lower Upper
65 100
92 61.8 53.9 80.9
138 102.3 78.8 118.2



#48
Acenaphthylene
Concen: 42.35 ng
RT: 9.28 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

Tgt Ion: 152 Resp: 725603
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2
153 13.1 10.8 16.2

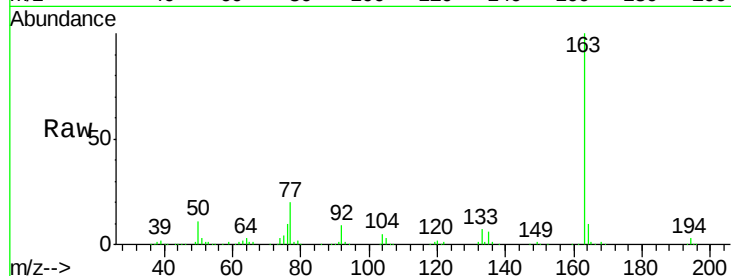




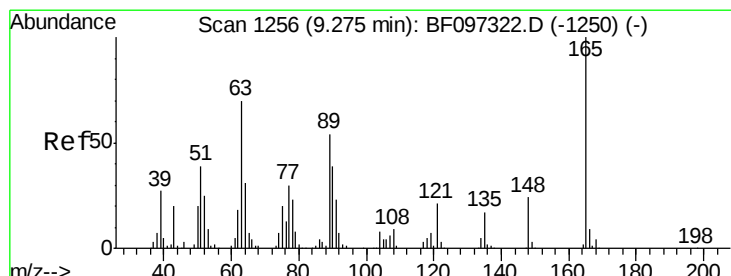
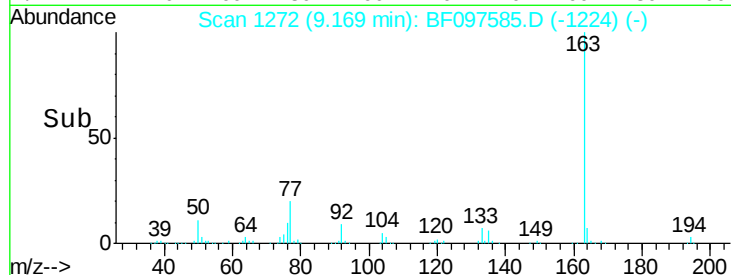
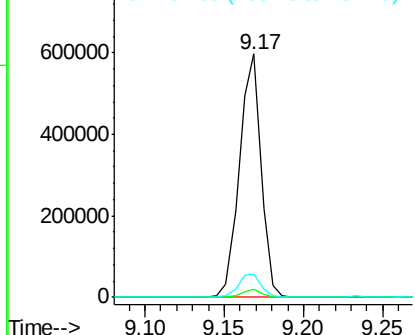
#49
Dimethylphthalate
Concen: 41.83 ng
RT: 9.17 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163	Resp:	564041
Ion Ratio	Lower	Upper
163	100	
194	3.2	2.6 4.0
164	9.8	8.4 12.6

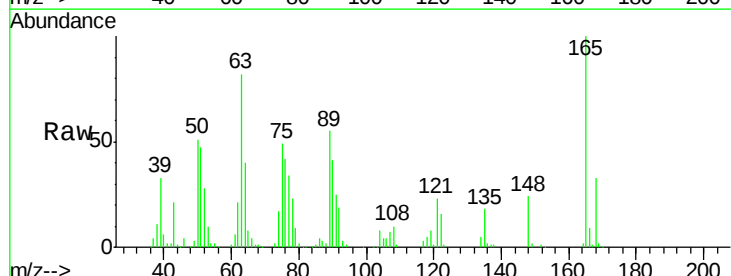


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

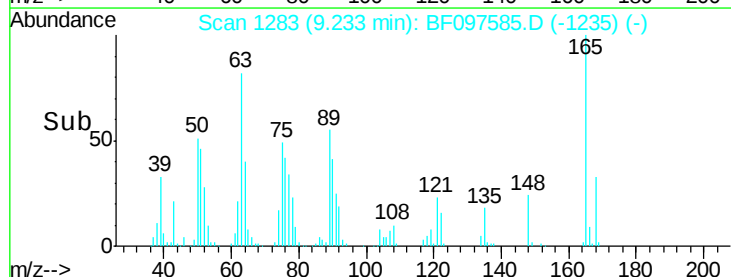
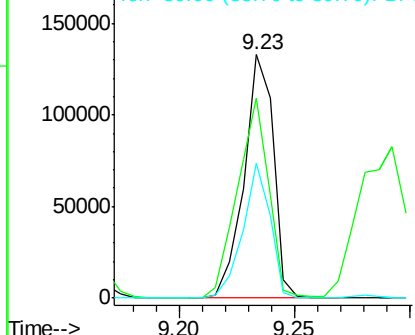


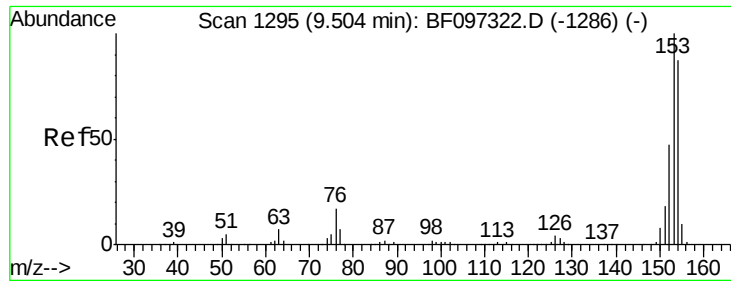
#50
2,6-Dinitrotoluene
Concen: 41.16 ng
RT: 9.23 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

Tgt Ion:165	Resp:	117725
Ion Ratio	Lower	Upper
165	100	
63	82.0	34.3 51.5#
89	55.4	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: 9.46 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

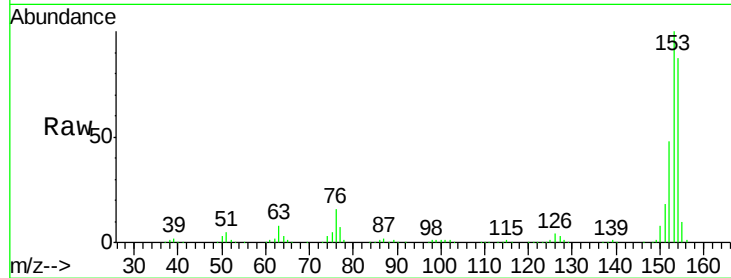
Tot Ion:154 Resp: 420722

Ion Ratio Lower Upper

154 100

153 115.5 90.5 135.7

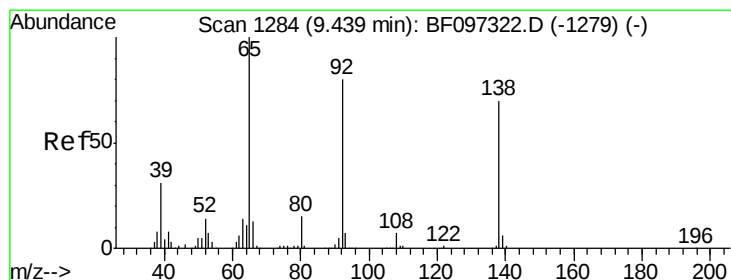
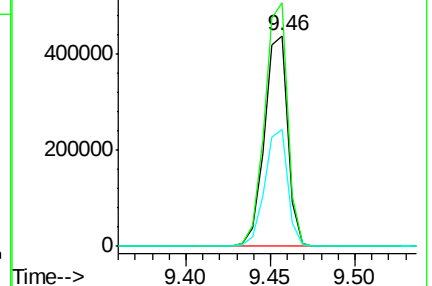
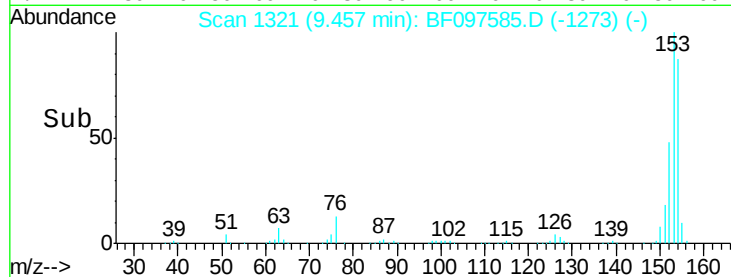
152 55.3 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.57 ng

RT: 9.40 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

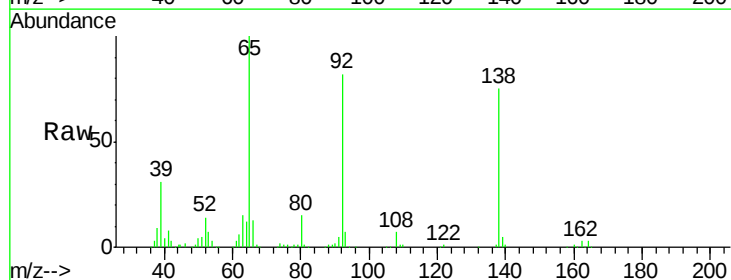
Tgt Ion:138 Resp: 136914

Ion Ratio Lower Upper

138 100

108 9.3 9.1 13.7

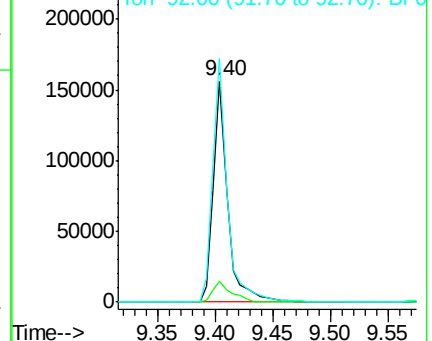
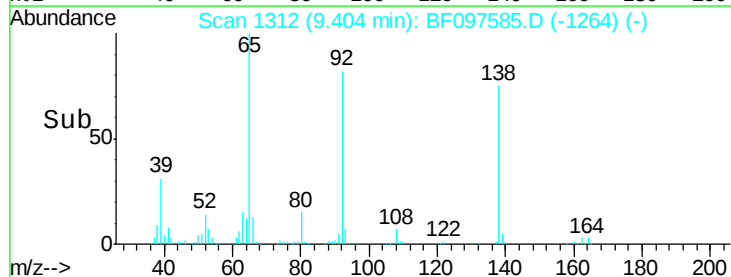
92 110.1 93.8 140.6

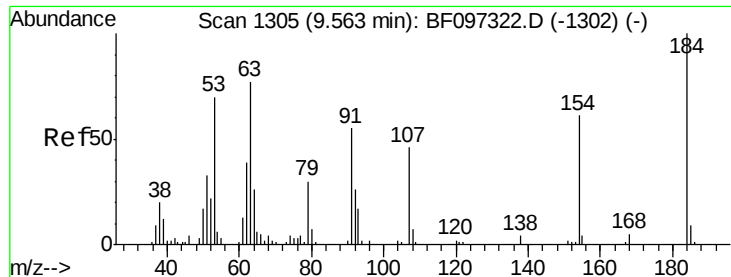


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

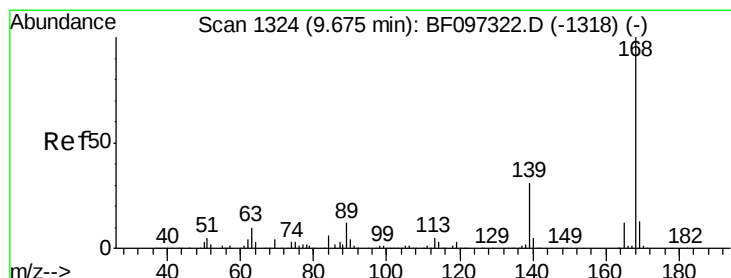
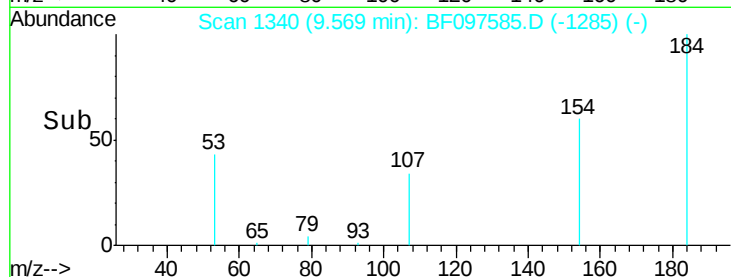
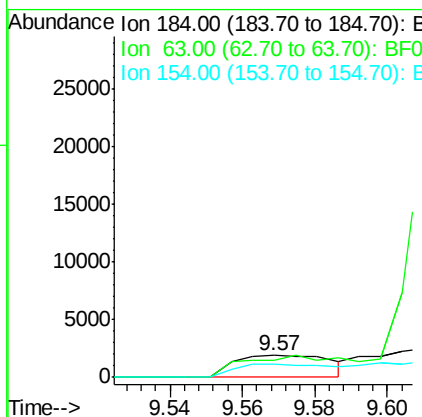
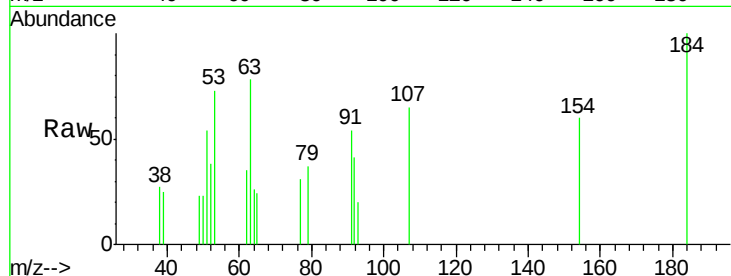




#53
 2,4-Dinitrophenol
 Concen: 2.72 ng
 RT: 9.57 min Scan# 1340
 Delta R.T. 0.02 min
 Lab File: BF097585.D
 Acq: 11 Aug 2017 4:22

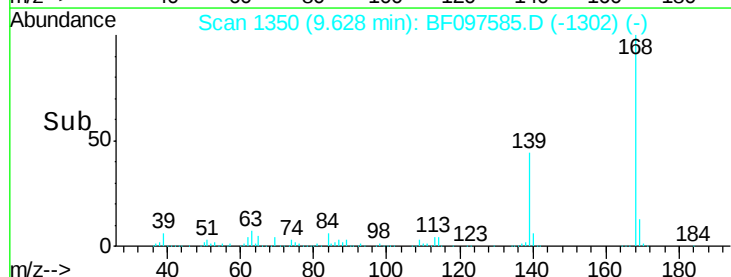
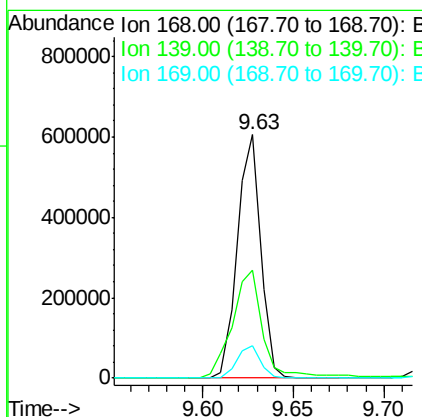
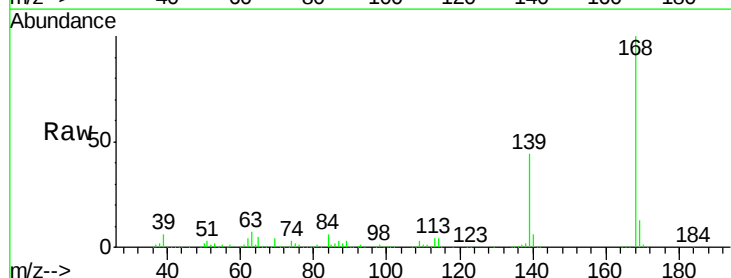
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

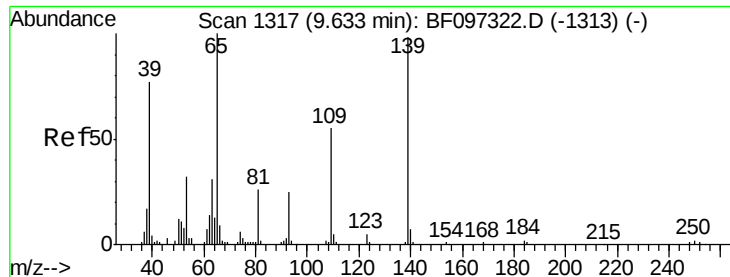
Tot Ion:184 Resp: 3531
 Ion Ratio Lower Upper
 184 100
 63 78.4 62.7 94.1
 154 60.2 81.1 121.7#



#54
 Dibenzofuran
 Concen: 40.48 ng
 RT: 9.63 min Scan# 1350
 Delta R.T. -0.02 min
 Lab File: BF097585.D
 Acq: 11 Aug 2017 4:22

Tgt Ion:168 Resp: 544065
 Ion Ratio Lower Upper
 168 100
 139 44.2 30.6 45.8
 169 13.4 10.8 16.2

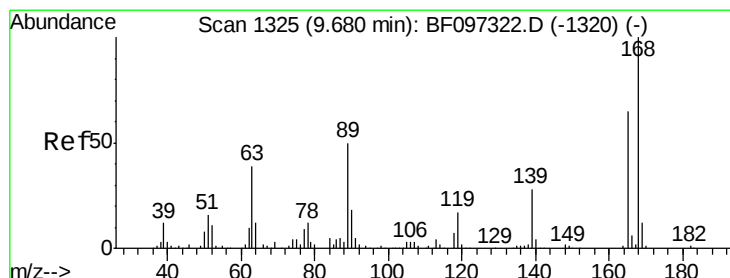
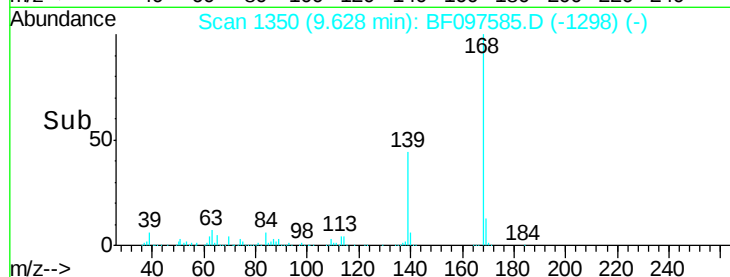
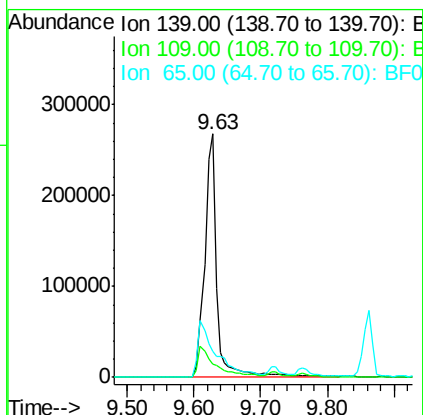
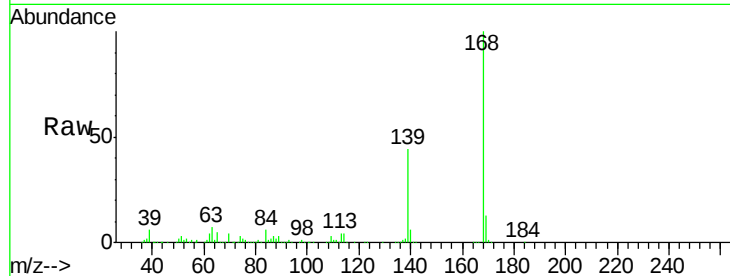




#55
4-Nitrophenol
Concen: 159.60 ng
RT: 9.63 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

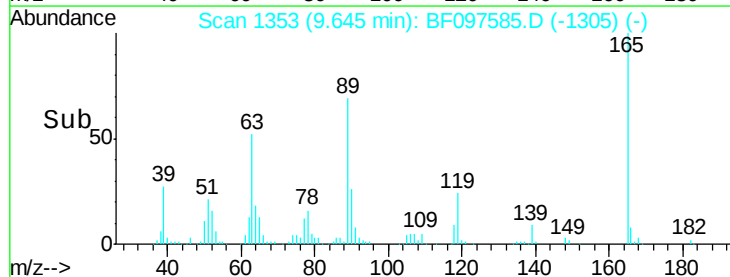
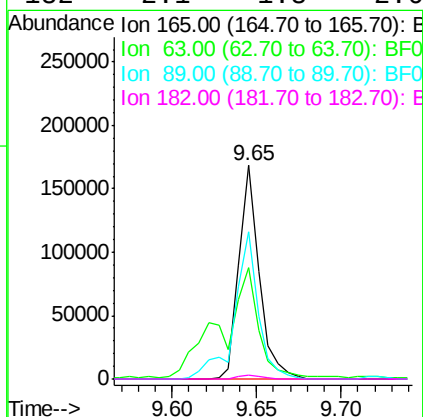
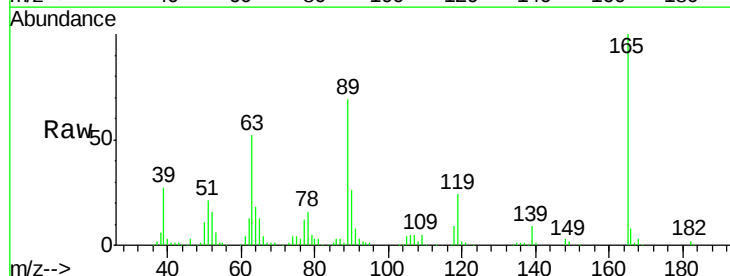
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

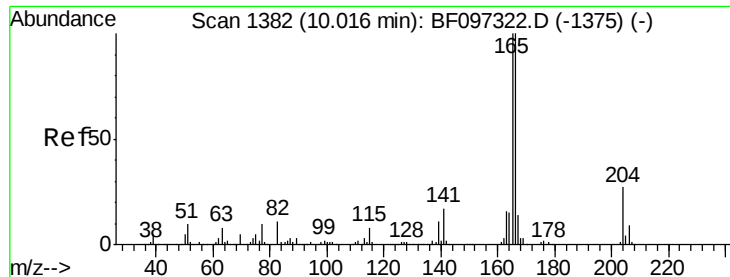
Tot Ion	Ratio	Lower	Upper
139	100		
109	5.7	34.1	74.1#
65	10.7	31.4	71.4#



#56
2,4-Dinitrotoluene
Concen: 42.69 ng
RT: 9.65 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.4	25.4	38.0#
89	68.7	46.4	69.6
182	2.1	1.8	2.6





#57

Fluorene

Concen: 45.15 ng

RT: 9.97 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

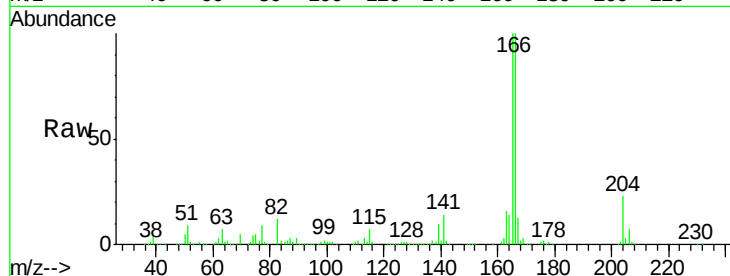
Tot Ion:166 Resp: 456096

Ion Ratio Lower Upper

166 100

165 100.0 78.8 118.2

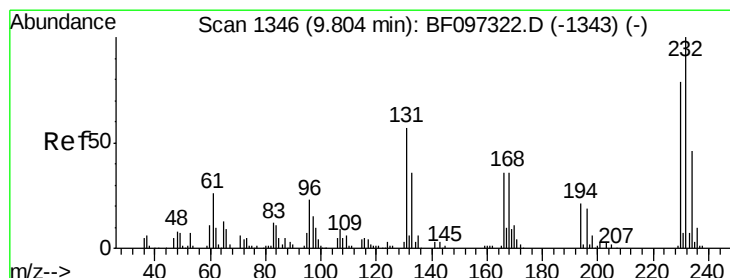
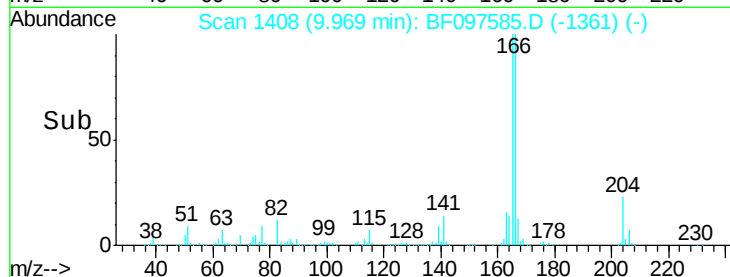
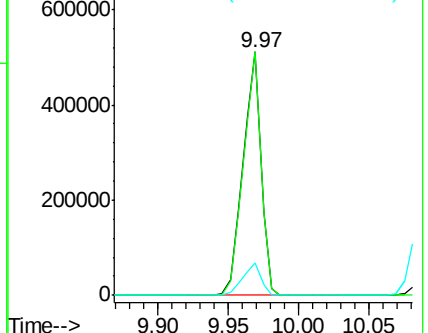
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.33 ng

RT: 9.76 min Scan# 1373

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

Tgt Ion:232 Resp: 83835

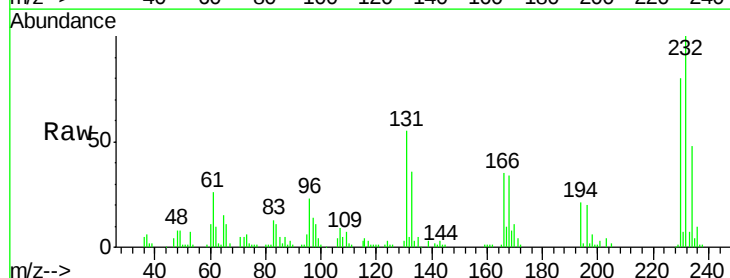
Ion Ratio Lower Upper

232 100

131 56.2 44.8 67.2

130 2.5 2.3 3.5

166 33.8 29.0 43.4

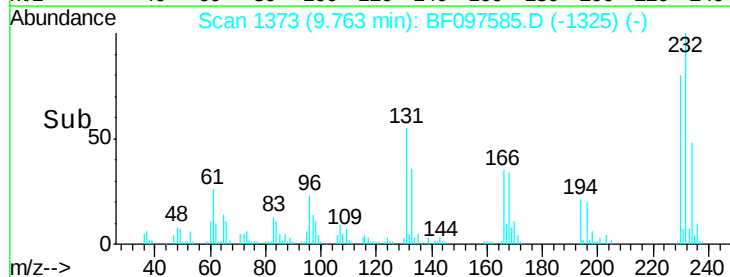
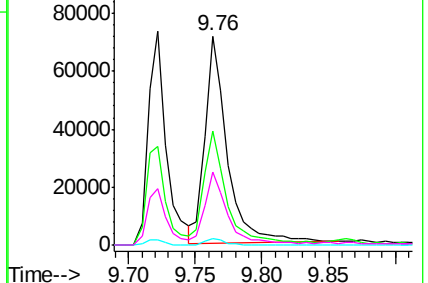


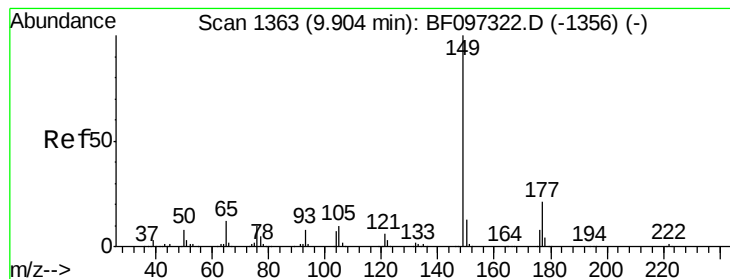
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 48.30 ng

RT: 9.86 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

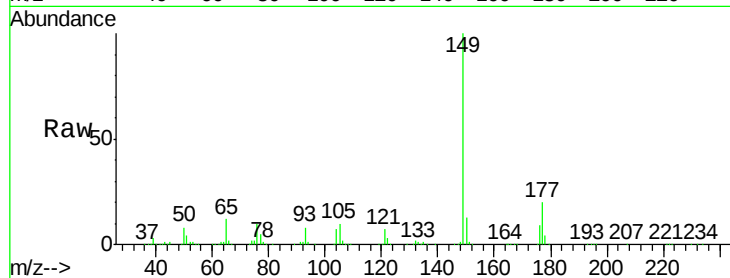
Tot Ion:149 Resp: 597579

Ion Ratio Lower Upper

149 100

177 20.1 16.7 25.1

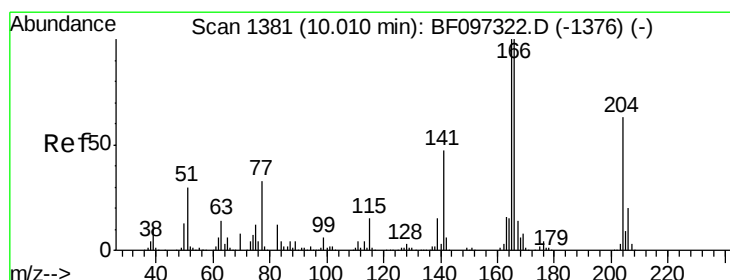
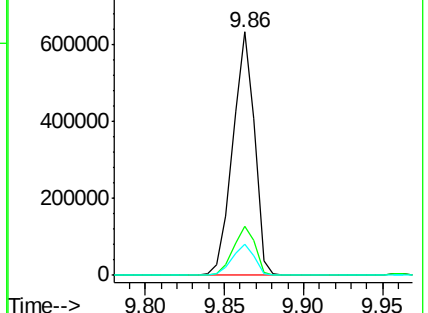
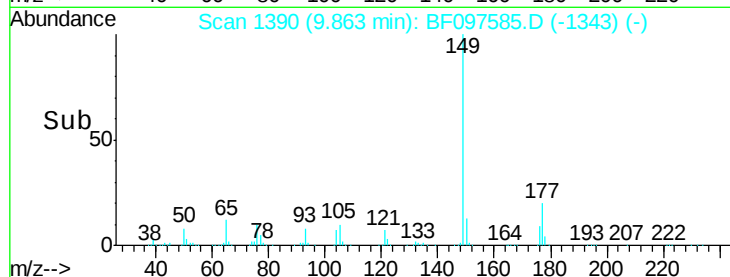
150 12.7 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.71 ng

RT: 9.96 min Scan# 1407

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

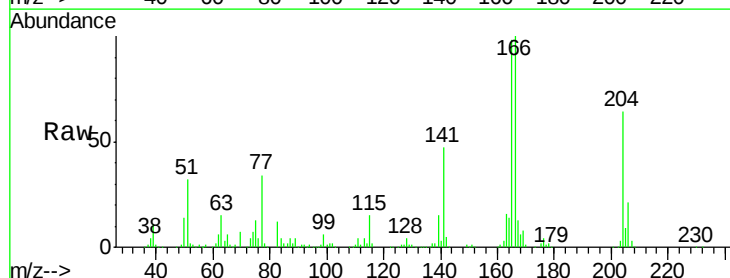
Tgt Ion:204 Resp: 194872

Ion Ratio Lower Upper

204 100

206 33.0 26.2 39.2

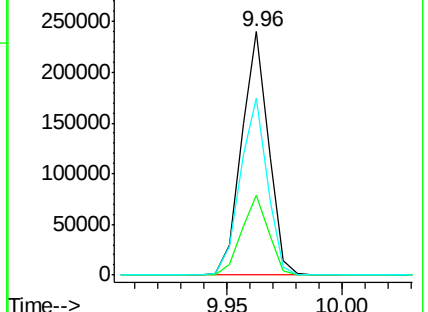
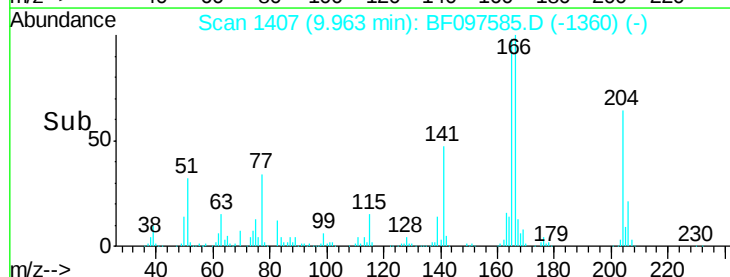
141 73.0 60.8 91.2

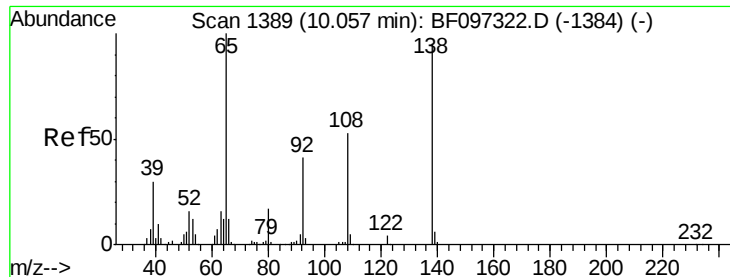


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

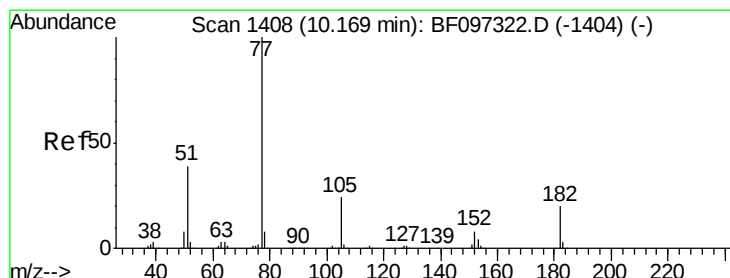
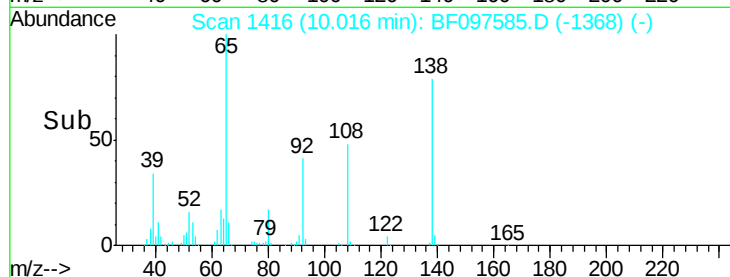
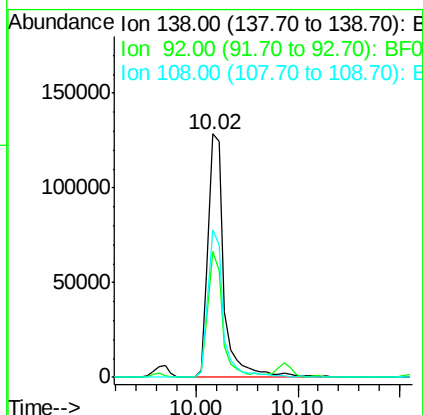
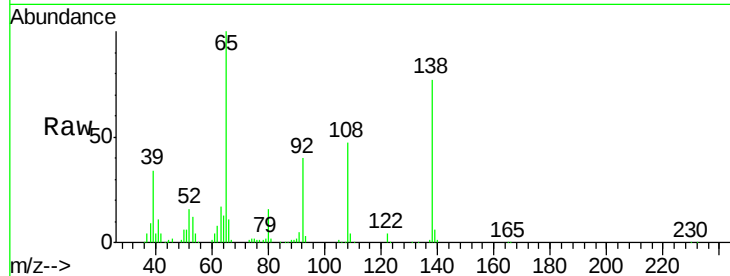




#61
4-Nitroaniline
Concen: 41.95 ng
RT: 10.02 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

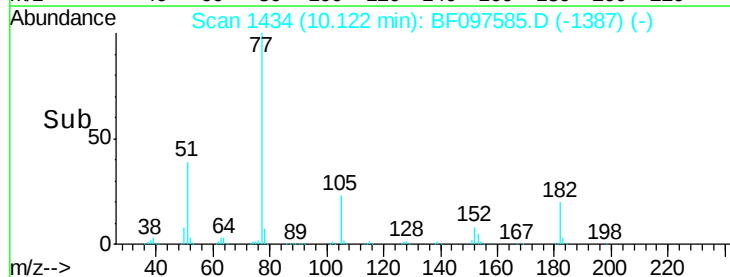
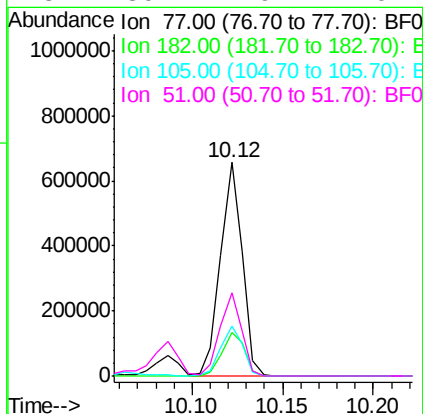
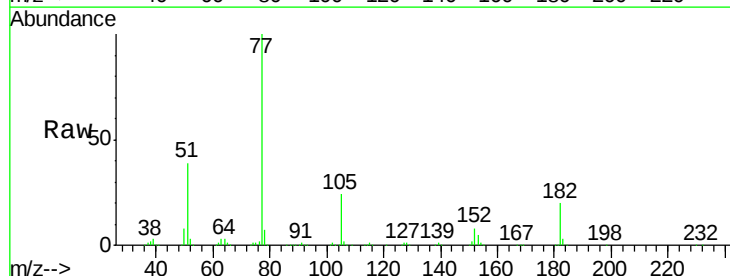
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

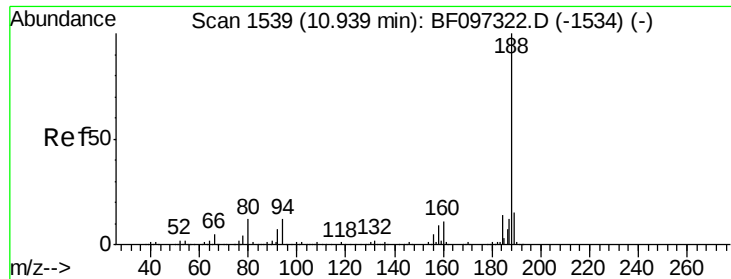
Tot Ion:138 Resp: 141498
Ion Ratio Lower Upper
138 100
92 51.6 21.8 61.8
108 60.8 42.3 82.3



#62
Azobenzene
Concen: 47.80 ng
RT: 10.12 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

Tgt Ion: 77 Resp: 548576
Ion Ratio Lower Upper
77 100
182 20.3 0.1 40.1
105 23.6 3.6 43.6
51 39.1 9.4 49.4

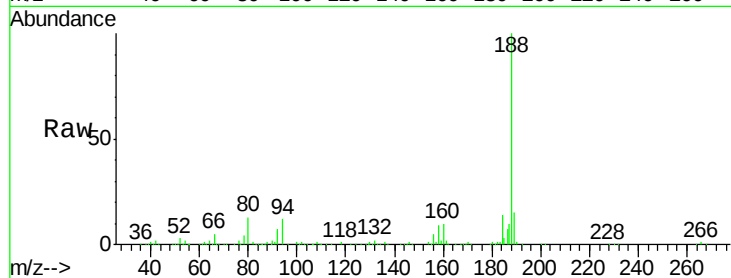




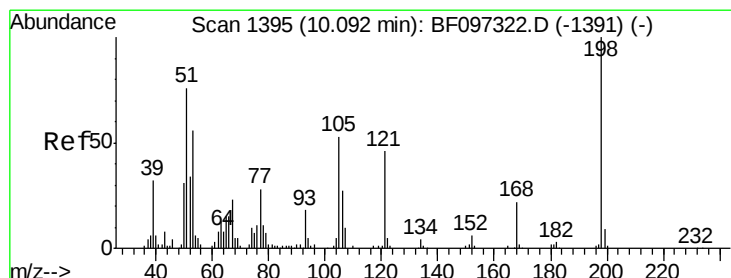
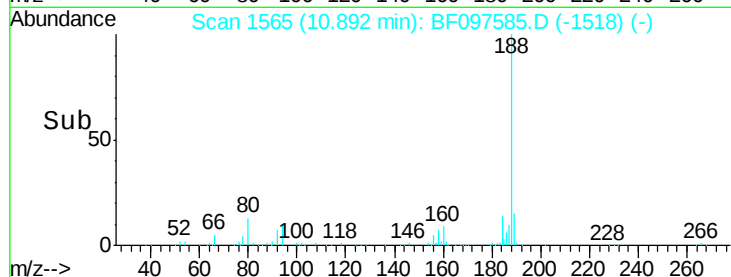
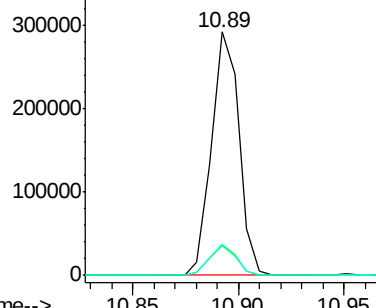
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.89 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 262573
Ion Ratio Lower Upper
188 100
94 12.4 9.4 14.2
80 12.8 10.2 15.2

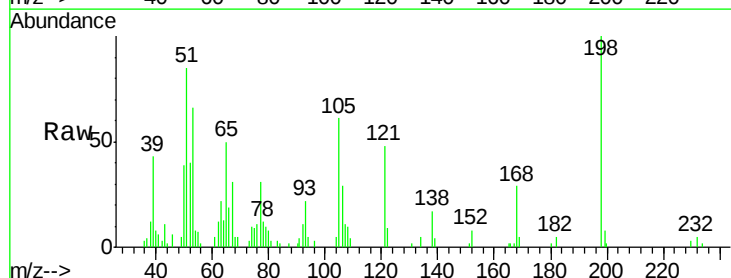


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

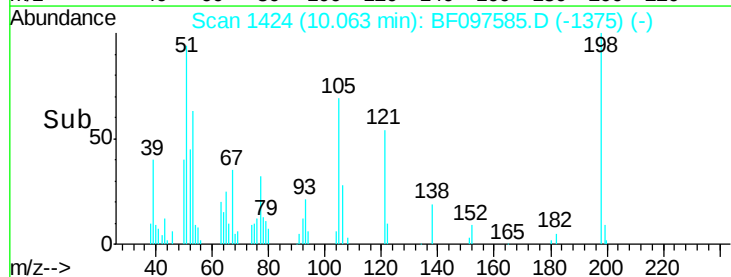
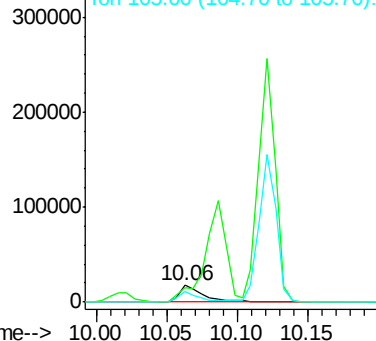


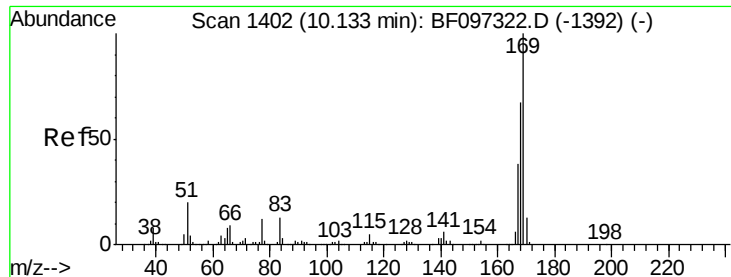
#64
4,6-Dinitro-2-methylphenol
Concen: 13.03 ng
RT: 10.06 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

Tgt Ion:198 Resp: 21265
Ion Ratio Lower Upper
198 100
51 84.7 53.2 93.2
105 61.2 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: 49.05 ng

RT: 10.09 min Scan# 1428

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

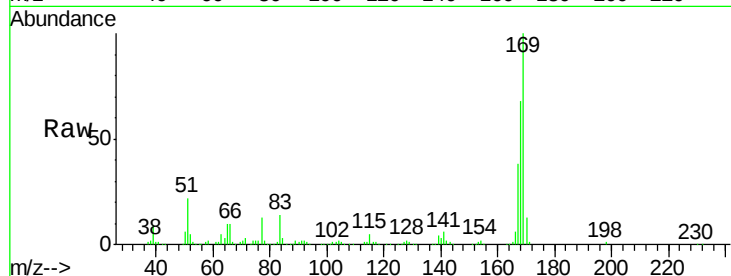
Tot Ion:169 Resp: 448075

Ion Ratio Lower Upper

169 100

168 67.6 53.2 79.8

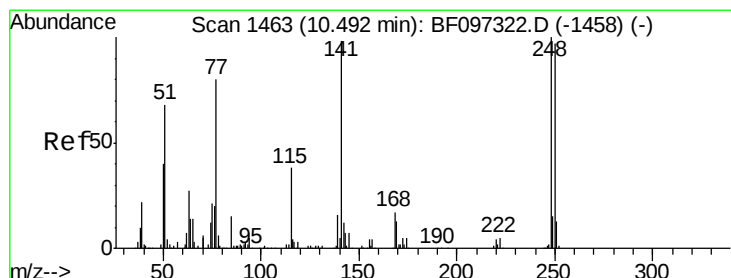
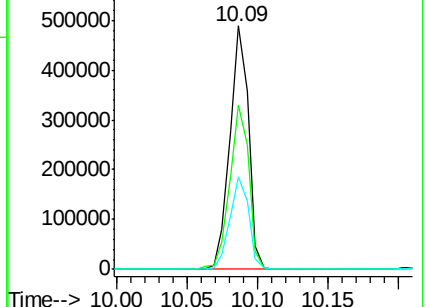
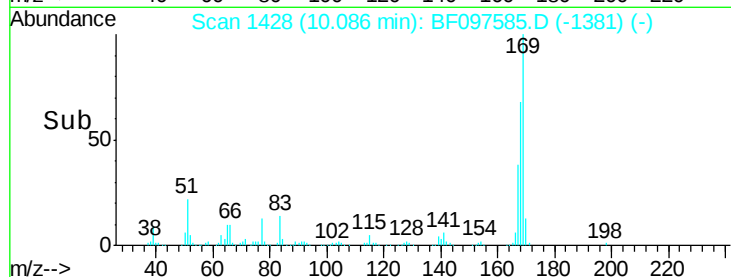
167 37.9 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.22 ng

RT: 10.45 min Scan# 1489

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

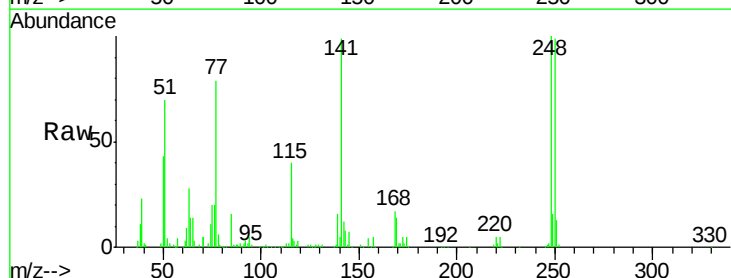
Tgt Ion:248 Resp: 121118

Ion Ratio Lower Upper

248 100

250 99.4 76.8 115.2

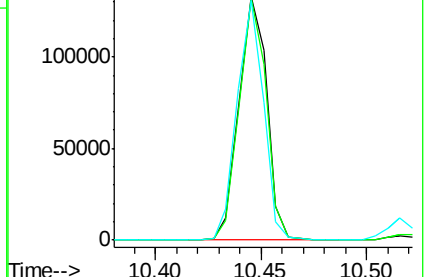
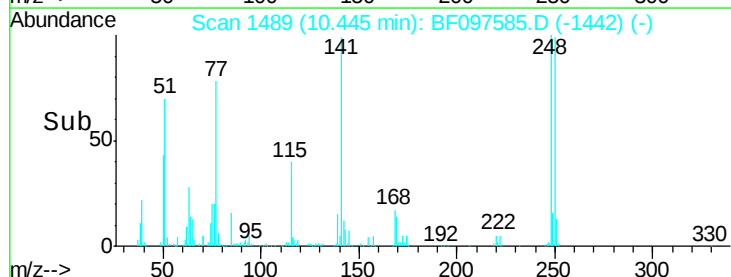
141 98.5 68.6 103.0

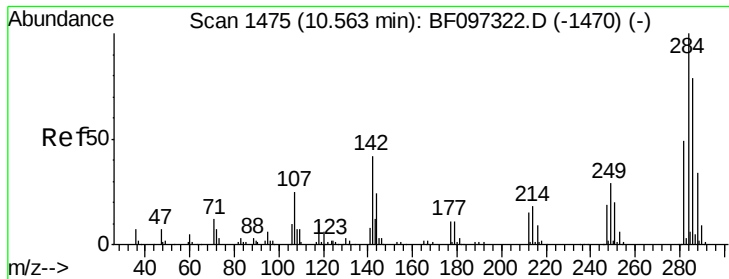


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.36 ng

RT: 10.52 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

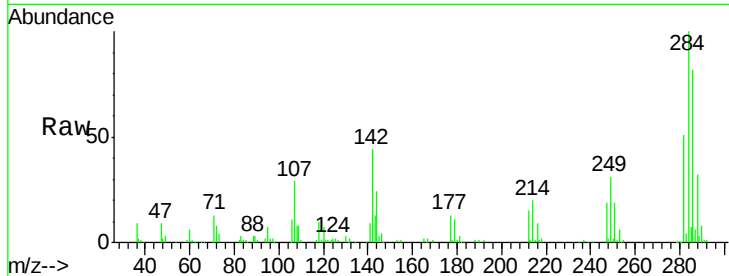
Tot Ion:284 Resp: 124477

Ion Ratio Lower Upper

284 100

142 44.2 22.8 34.2#

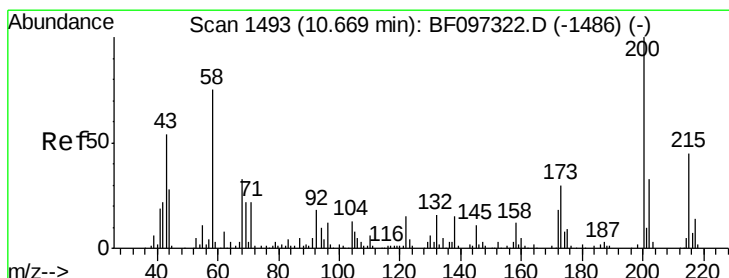
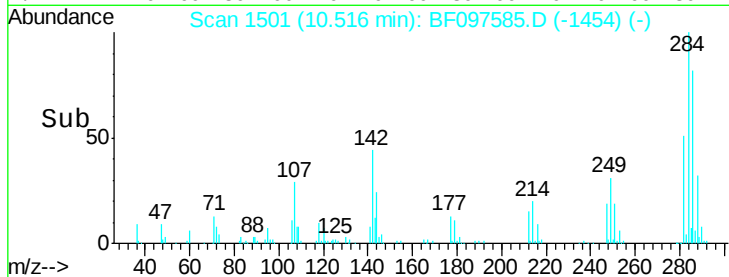
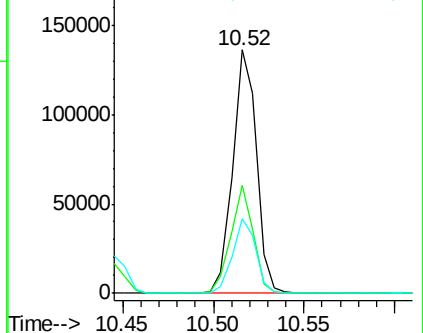
249 30.8 24.0 36.0



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: 40.36 ng

RT: 10.63 min Scan# 1520

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

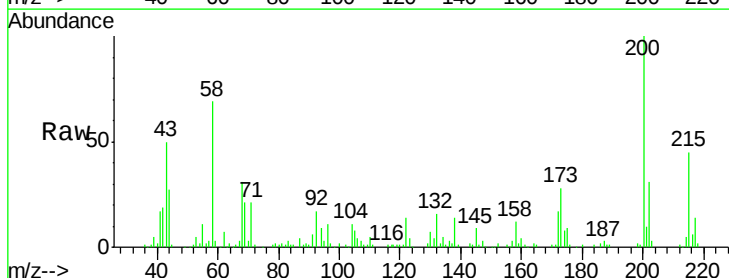
Tgt Ion:200 Resp: 105726

Ion Ratio Lower Upper

200 100

173 27.7 6.3 46.3

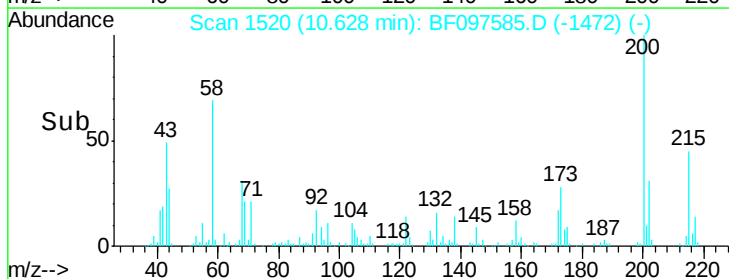
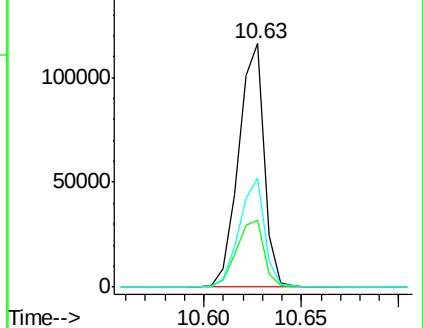
215 44.6 27.2 67.2

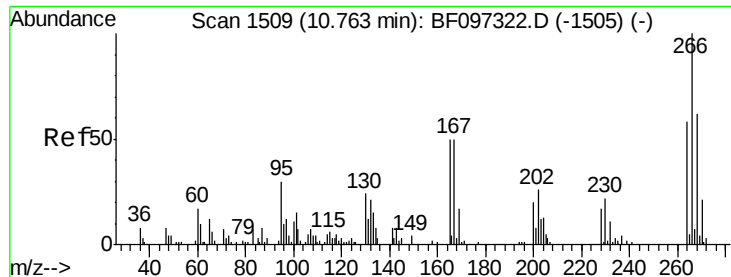


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

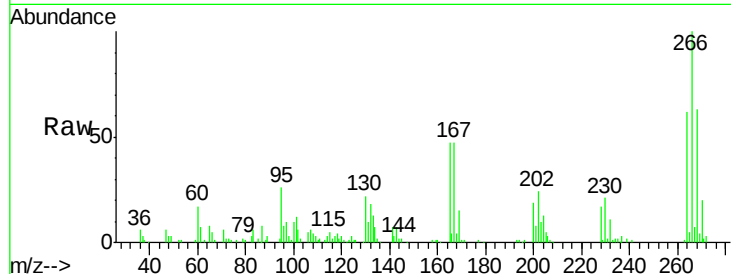




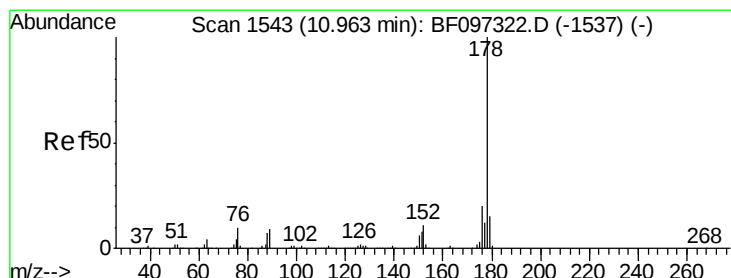
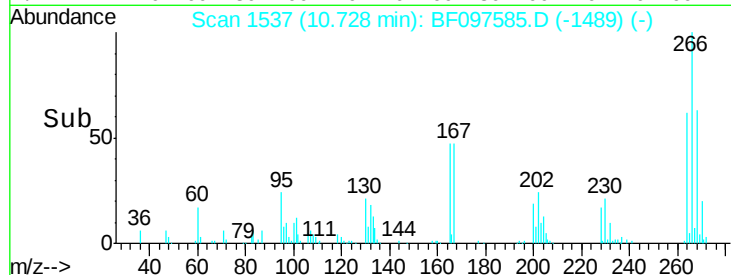
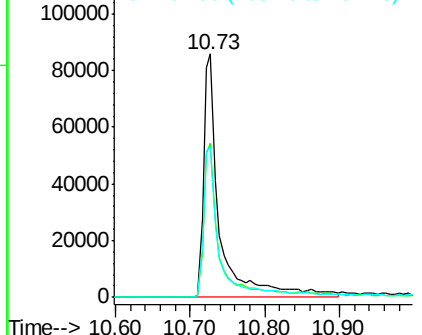
#69
 Pentachlorophenol
 Concen: 108.43 ng
 RT: 10.73 min Scan# 1537
 Delta R.T. -0.02 min
 Lab File: BF097585.D
 Acq: 11 Aug 2017 4:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	61.7	51.7	77.5

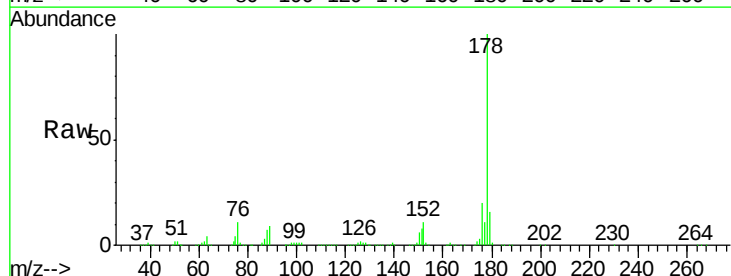


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

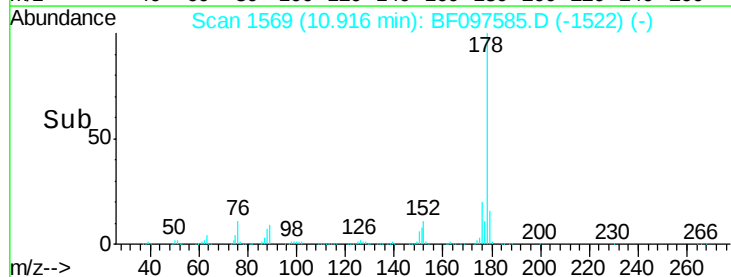
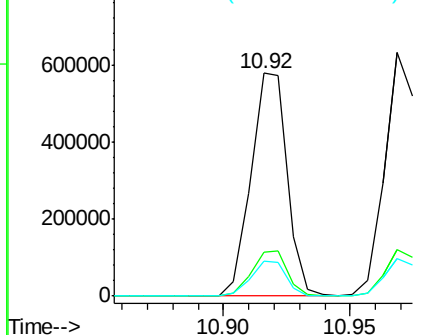


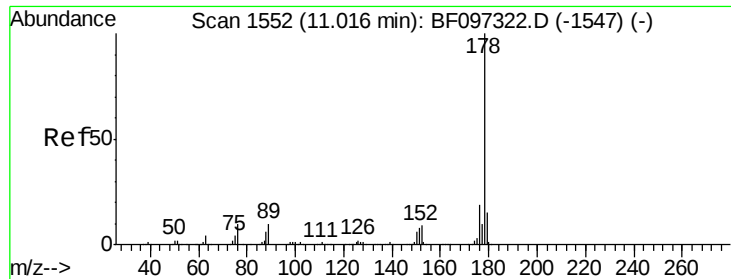
#70
 Phenanthrene
 Concen: 40.94 ng
 RT: 10.92 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: BF097585.D
 Acq: 11 Aug 2017 4:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	15.5	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

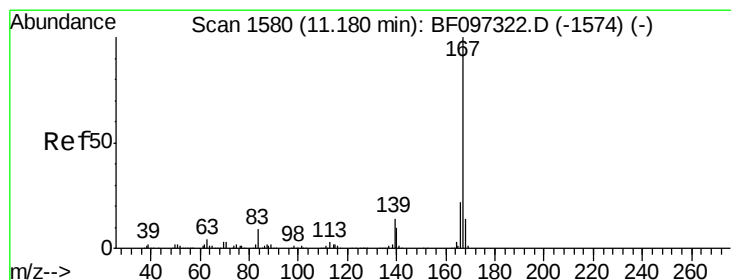
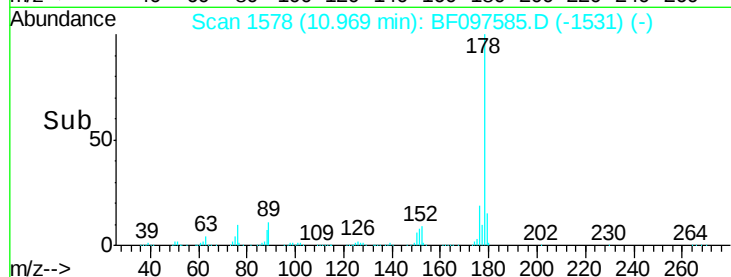
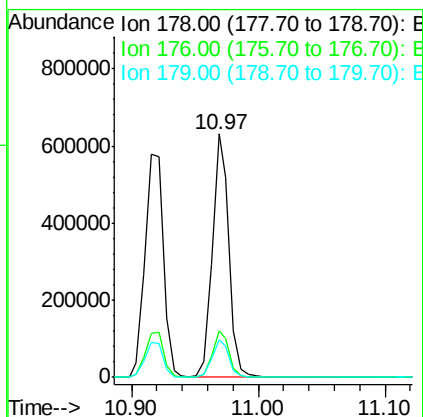
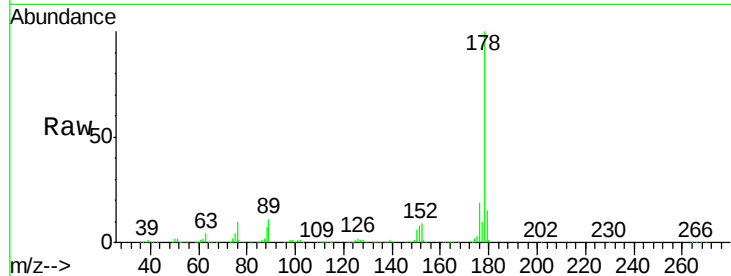




#71
 Anthracene
 Concen: 40.38 ng
 RT: 10.97 min Scan# 1578
 Delta R.T. -0.02 min
 Lab File: BF097585.D
 Acq: 11 Aug 2017 4:22

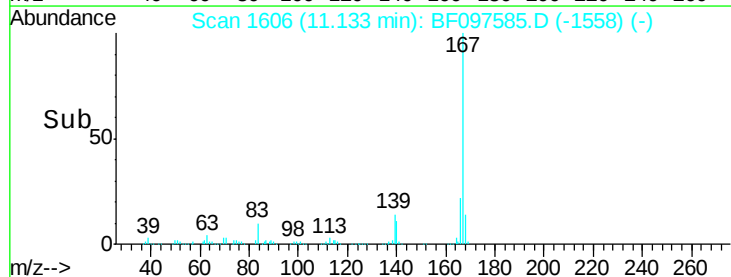
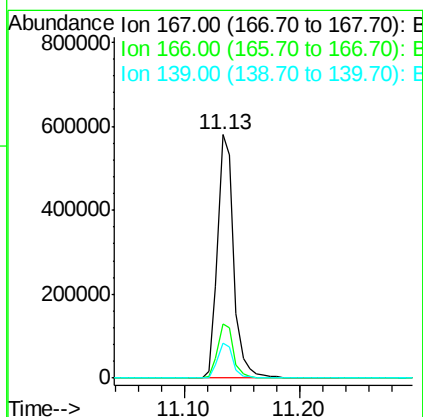
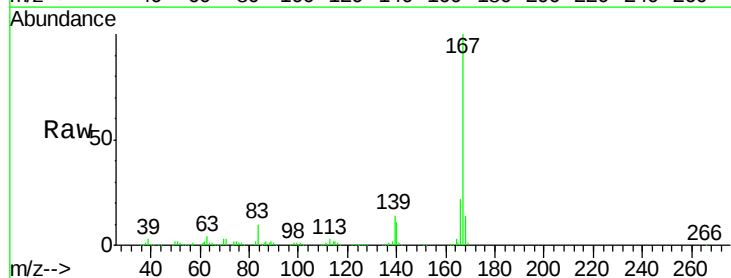
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

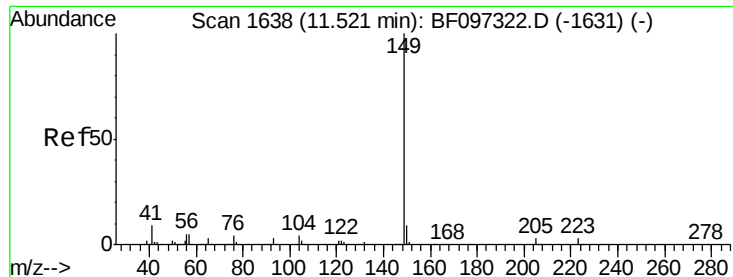
Tot Ion:178 Resp: 581834
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 39.85 ng
 RT: 11.13 min Scan# 1606
 Delta R.T. -0.02 min
 Lab File: BF097585.D
 Acq: 11 Aug 2017 4:22

Tgt Ion:167 Resp: 564674
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 14.2 11.7 17.5

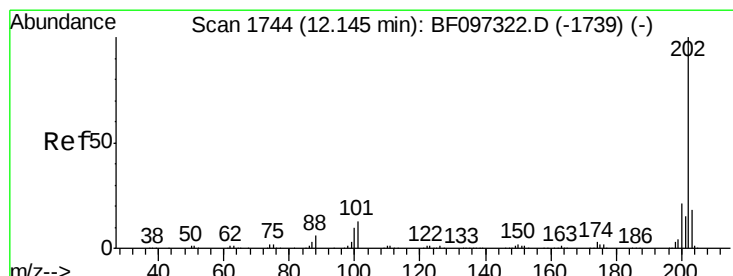
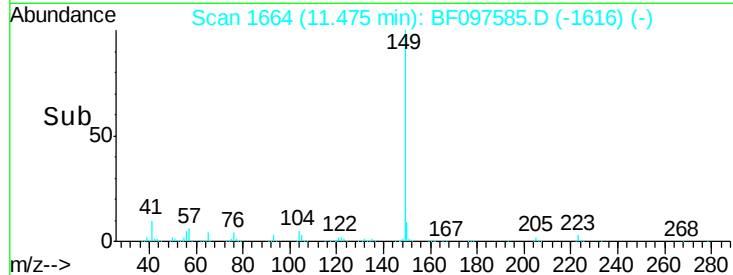
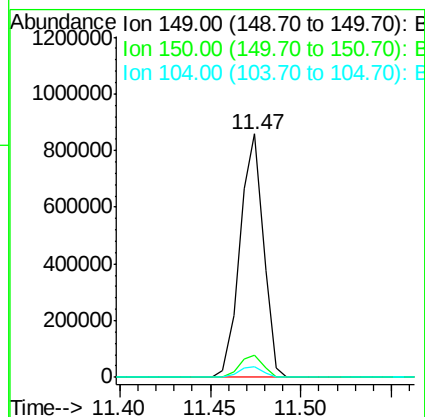
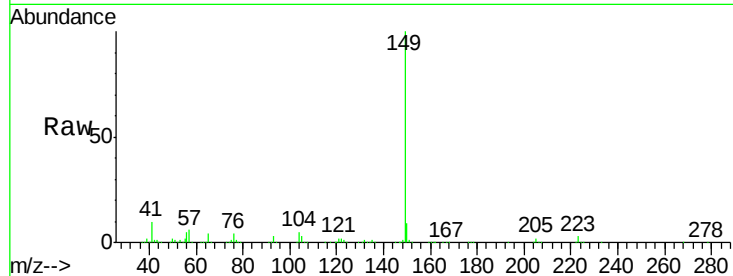




#73
Di-n-butylphthalate
Concen: 44.14 ng
RT: 11.47 min Scan# 1664
Delta R.T. -0.02 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

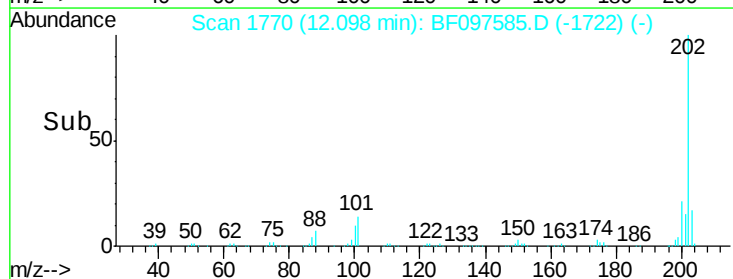
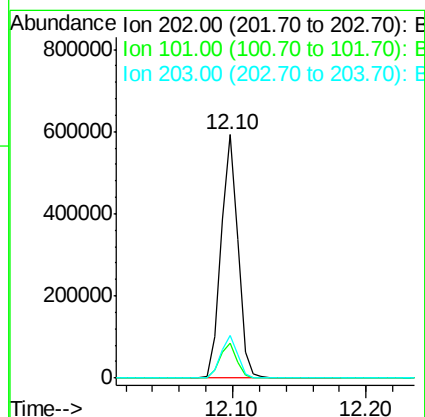
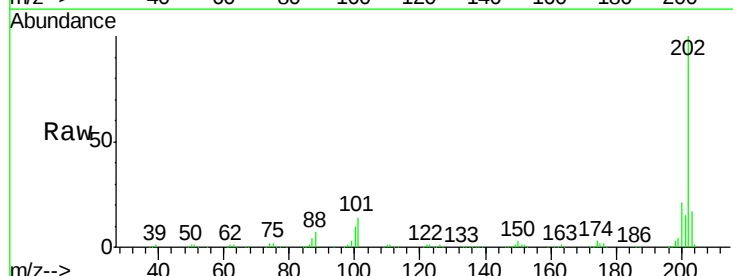
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

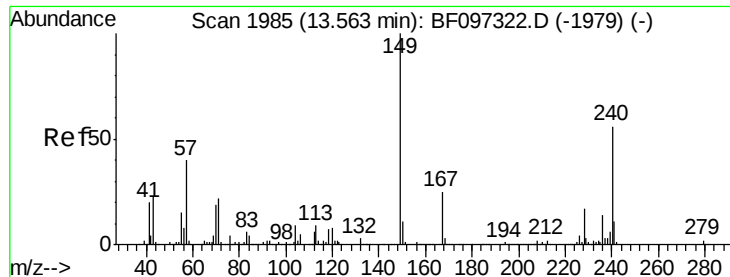
Tot Ion:149 Resp: 773264
Ion Ratio Lower Upper
149 100
150 8.9 7.7 11.5
104 4.6 4.0 6.0



#74
Fluoranthene
Concen: 38.73 ng
RT: 12.10 min Scan# 1770
Delta R.T. -0.02 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

Tgt Ion:202 Resp: 533747
Ion Ratio Lower Upper
202 100
101 14.1 0.0 33.2
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.52 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

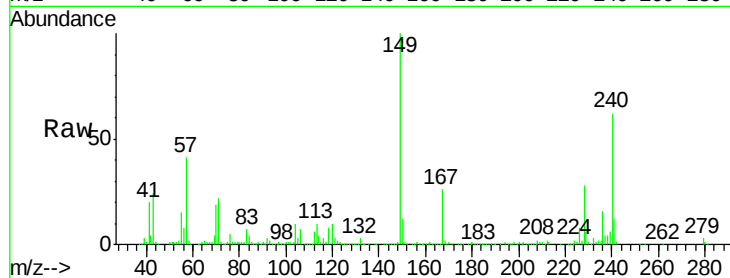
Tot Ion:240 Resp: 204267

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

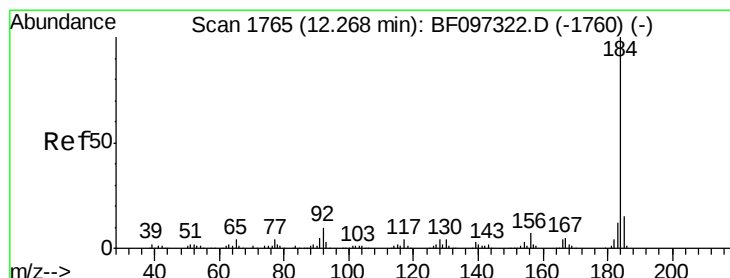
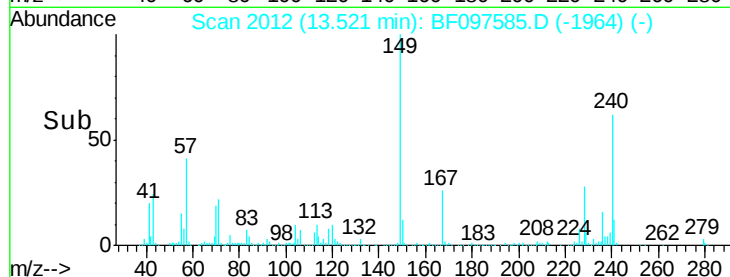
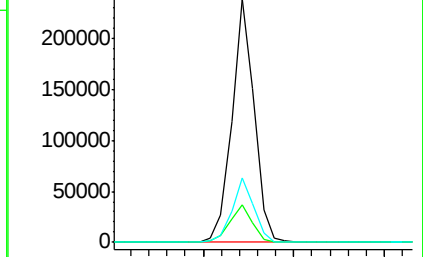
236 26.2 20.5 30.7



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: 29.85 ng

RT: 12.23 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF097585.D

Acq: 11 Aug 2017 4:22

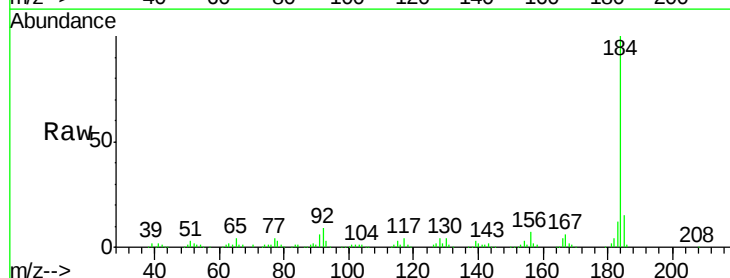
Tgt Ion:184 Resp: 226263

Ion Ratio Lower Upper

184 100

185 15.5 15.5 23.3#

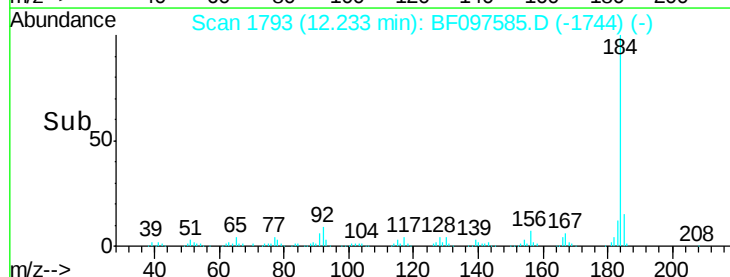
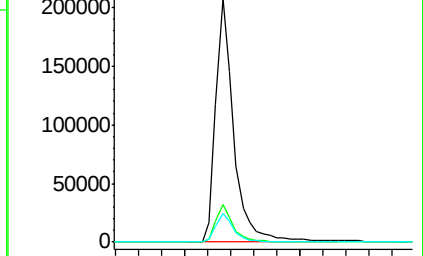
183 11.9 9.8 14.6

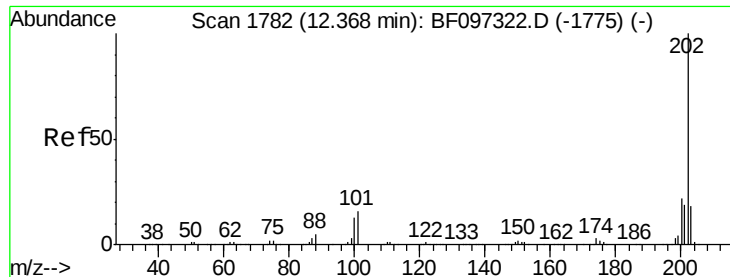


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

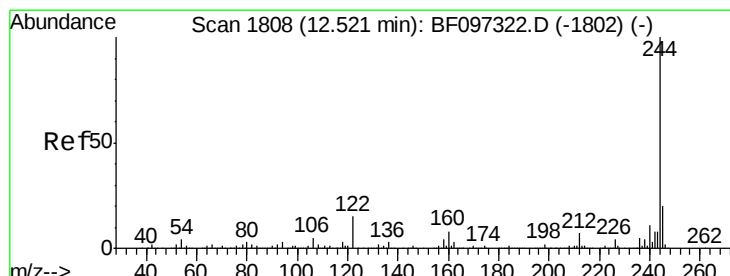
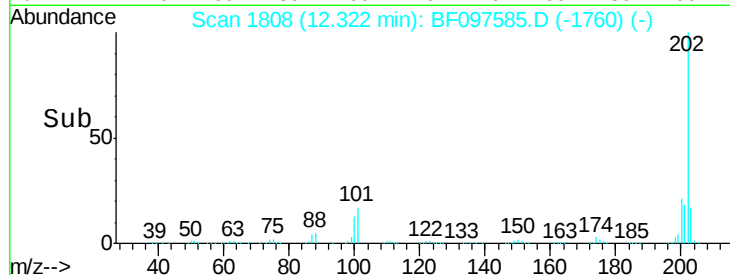
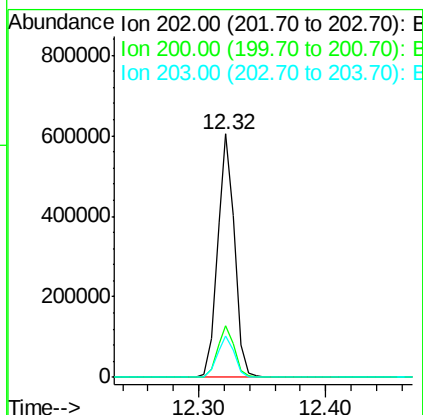
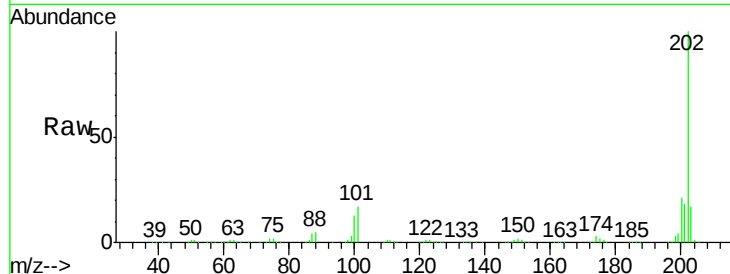




#77
Pvrene
Concen: 33.84 ng
RT: 12.32 min Scan# 1808
Delta R.T. -0.02 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

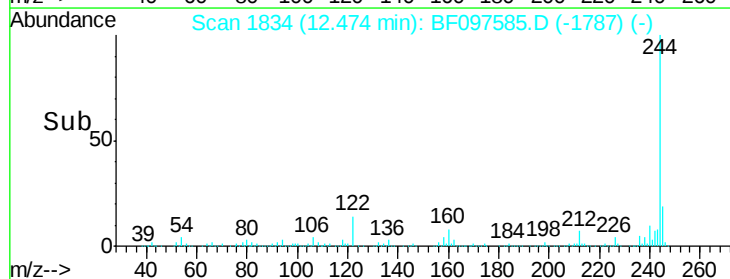
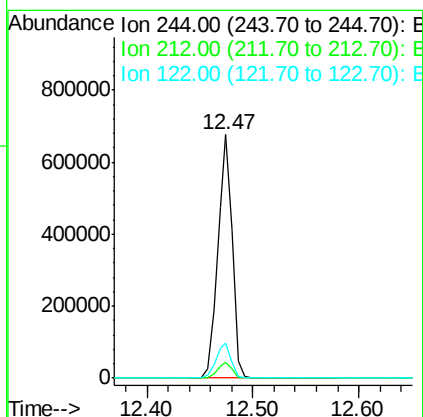
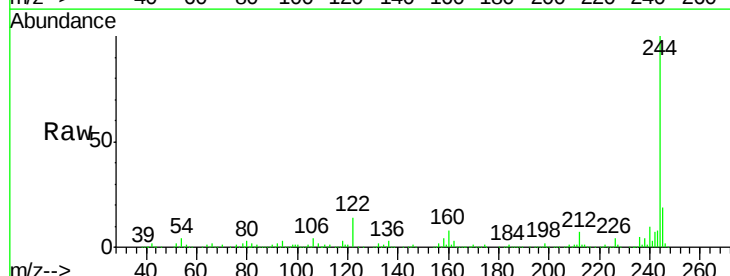
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

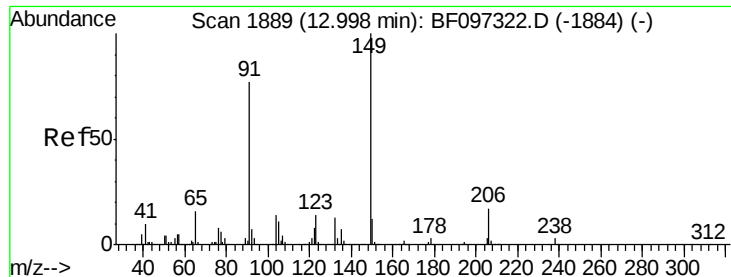
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	16.7	14.4	21.6



#78
Terphenyl-d14
Concen: 64.91 ng
RT: 12.47 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.3	10.3	15.5

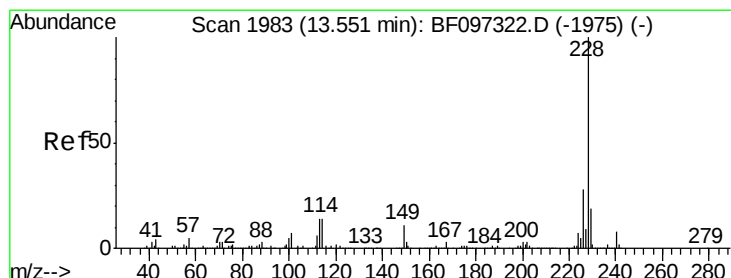
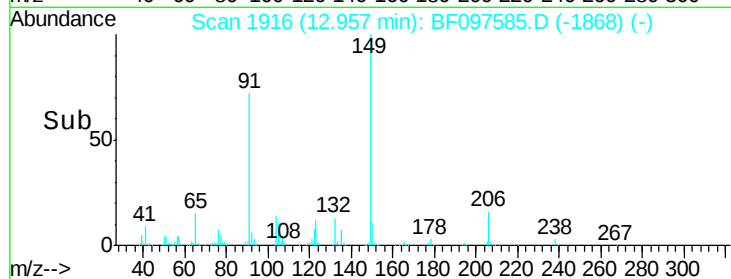
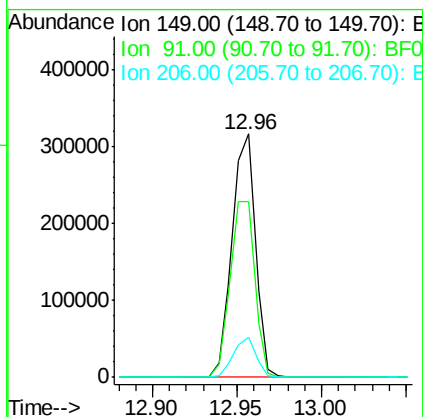
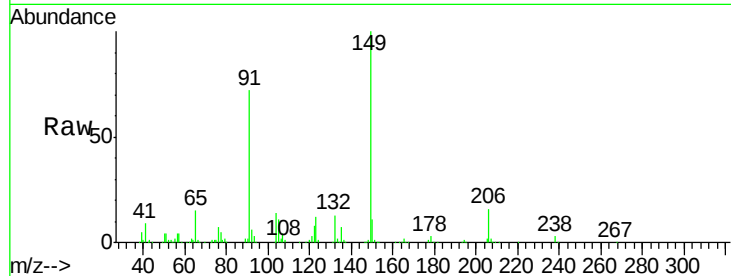




#79
Butylbenzylphthalate
Concen: 35.88 ng
RT: 12.96 min Scan# 1916
Delta R.T. -0.02 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

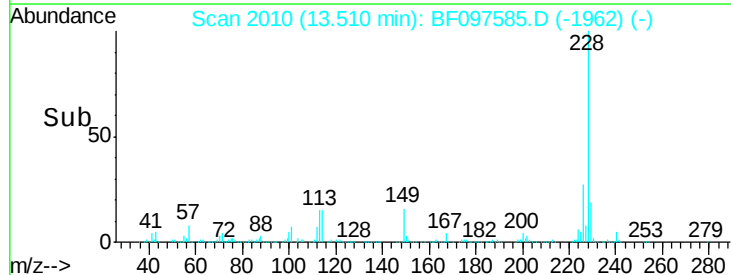
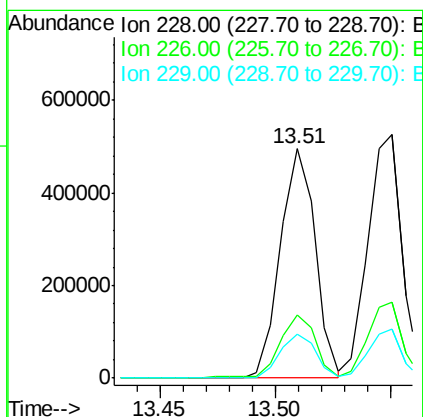
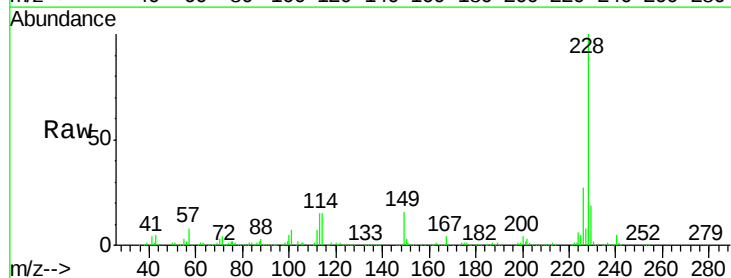
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

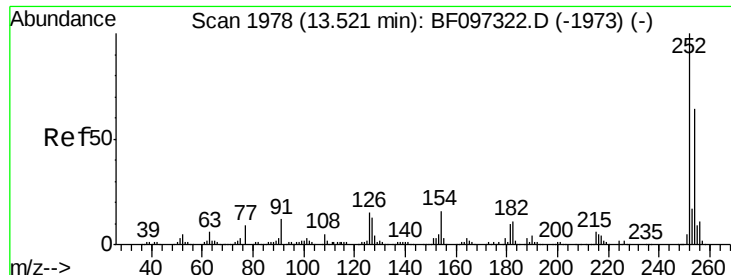
Tot Ion:	149	Resp:	305194
Ion Ratio	Lower	Upper	
149	100		
91	72.1	45.0	67.4#
206	16.3	17.0	25.6#



#80
Benzo(a)anthracene
Concen: 39.14 ng
RT: 13.51 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

Tgt Ion:	228	Resp:	517259
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.6	33.8
229	19.1	16.3	24.5

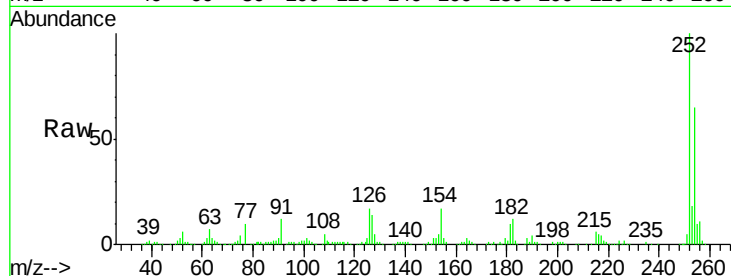




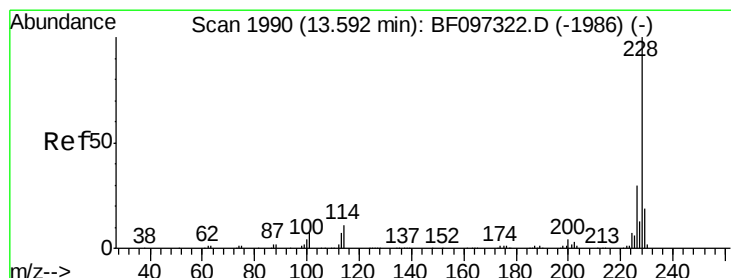
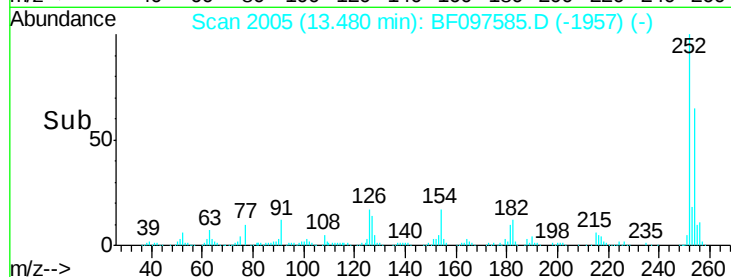
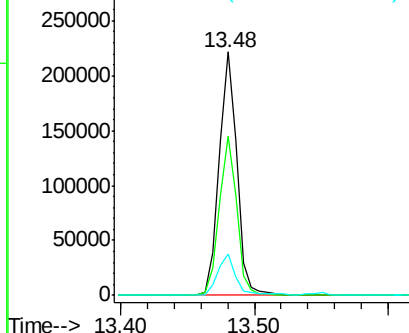
#81
 3,3'-Dichlorobenzidine
 Concen: 42.07 ng
 RT: 13.48 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF097585.D
 Acq: 11 Aug 2017 4:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.5	77.3
126	16.7	15.8	23.8

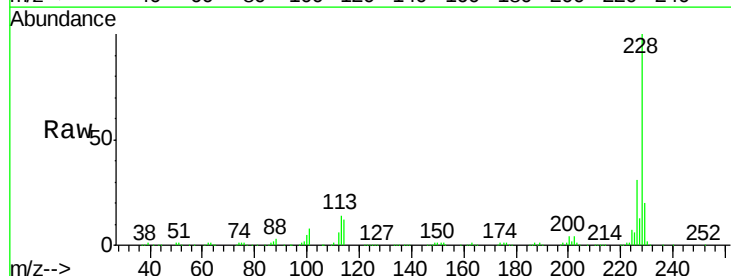


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

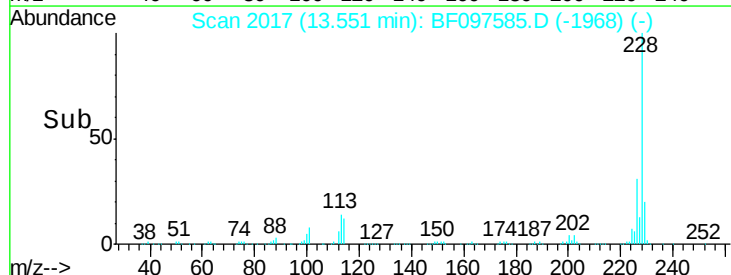
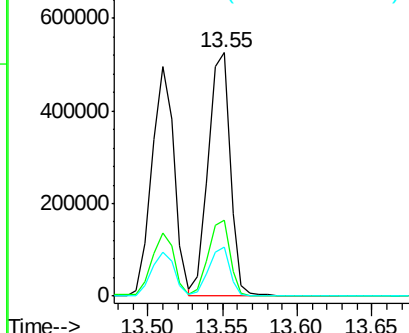


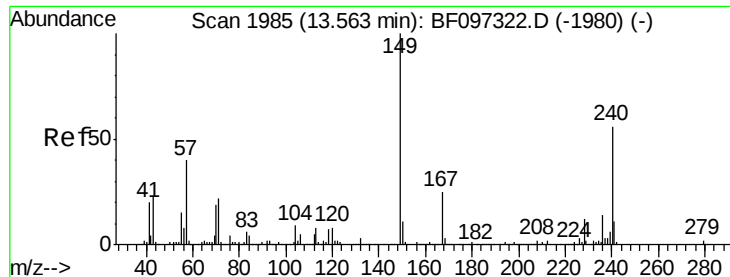
#82
 Chrysene
 Concen: 41.67 ng
 RT: 13.55 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF097585.D
 Acq: 11 Aug 2017 4:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.0	15.8	23.6



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

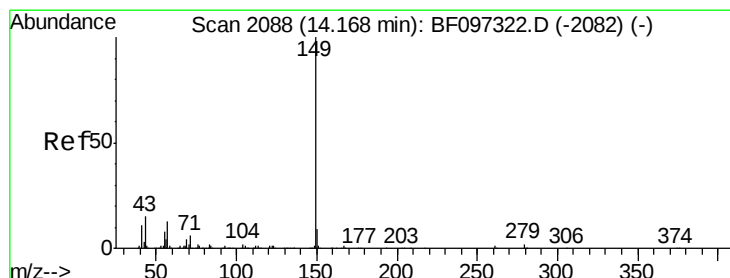
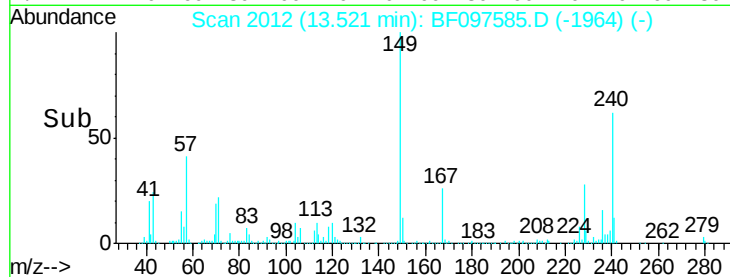
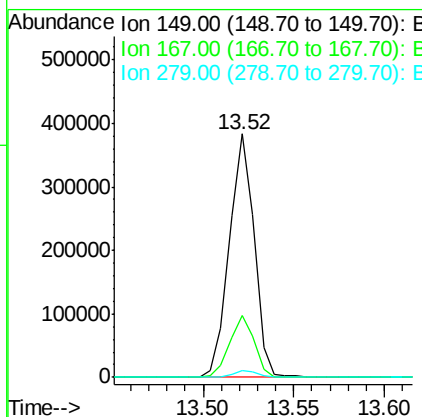
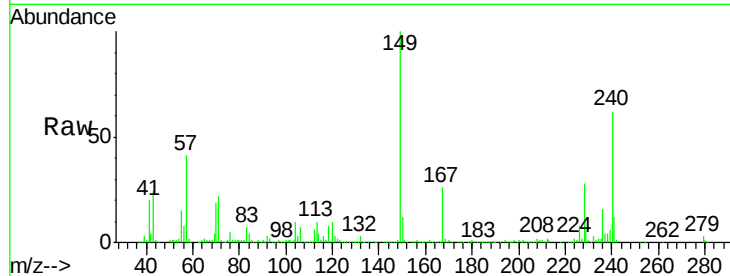




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.22 ng
 RT: 13.52 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF097585.D
 Acq: 11 Aug 2017 4:22

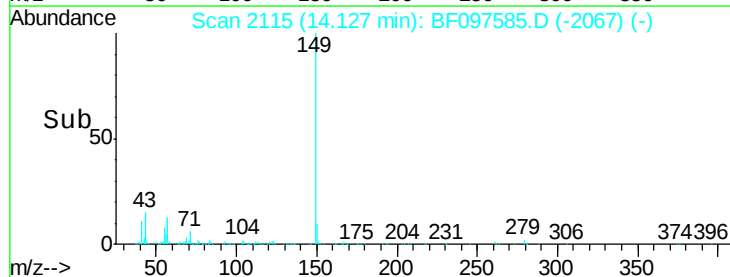
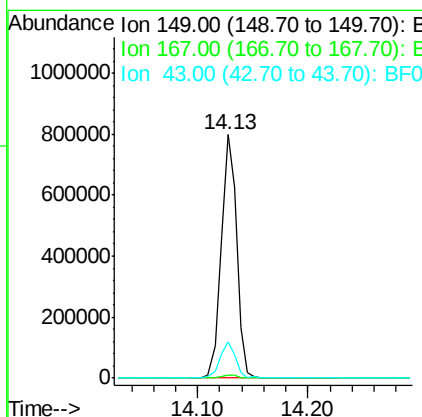
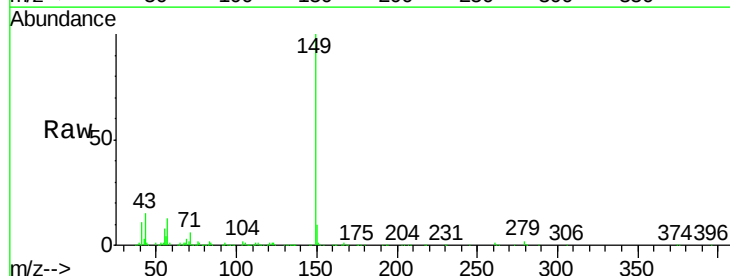
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

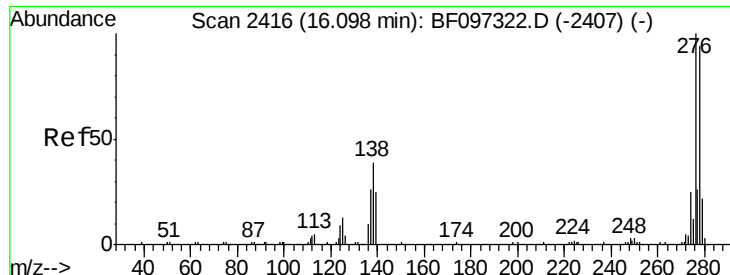
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.0	31.4
279	2.6	1.9	2.9



#84
 Di-n-octyl phthalate
 Concen: 38.20 ng
 RT: 14.13 min Scan# 2115
 Delta R.T. -0.02 min
 Lab File: BF097585.D
 Acq: 11 Aug 2017 4:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	14.8	8.5	12.7#

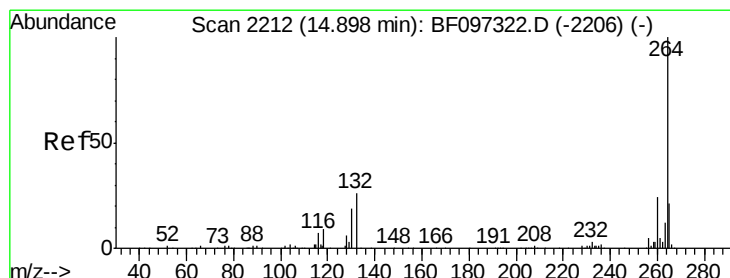
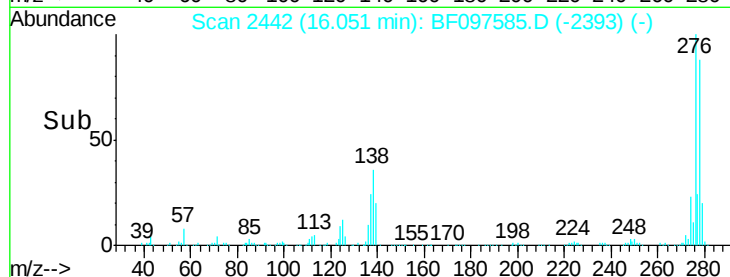
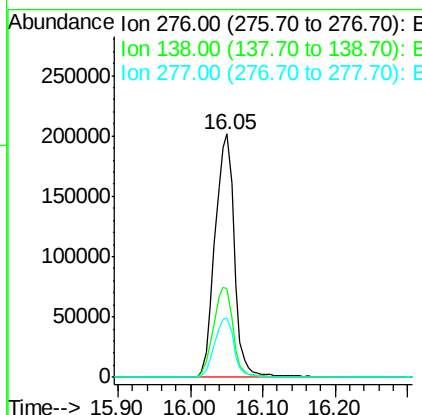
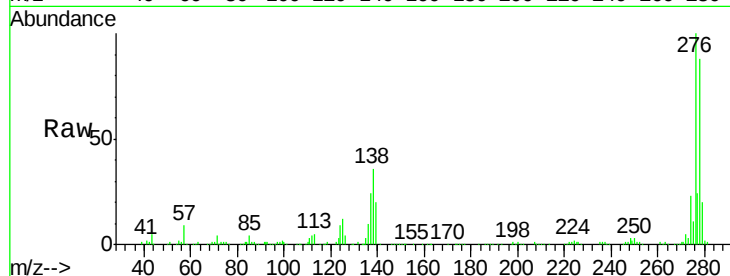




#85
Indeno(1,2,3-cd)pyrene
Concen: 33.95 ng
RT: 16.05 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

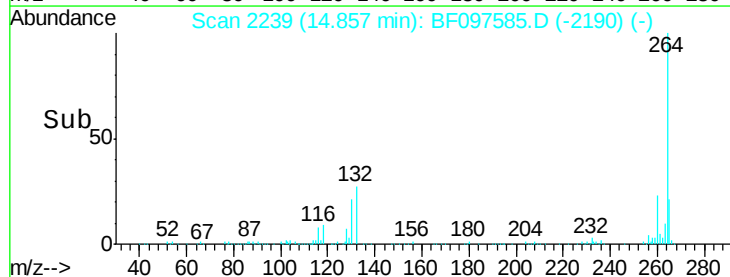
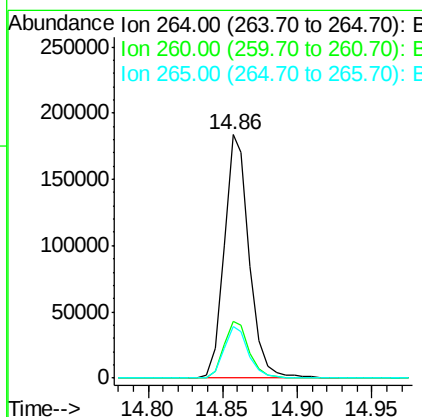
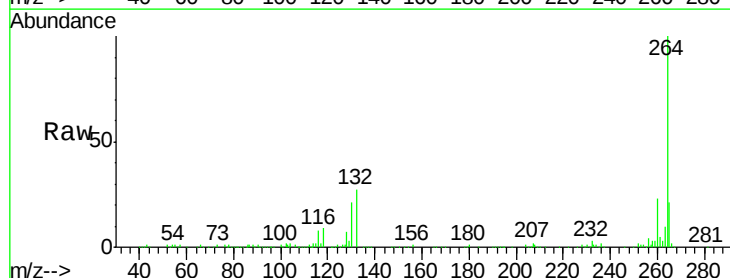
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

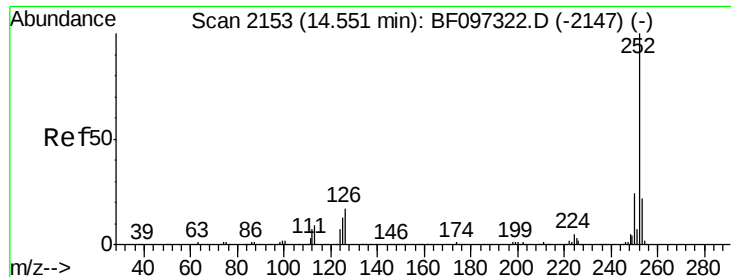
Tot Ion:276 Resp: 375741
Ion Ratio Lower Upper
276 100
138 37.8 27.8 41.6
277 24.6 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.86 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

Tgt Ion:264 Resp: 216308
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 21.1 17.2 25.8

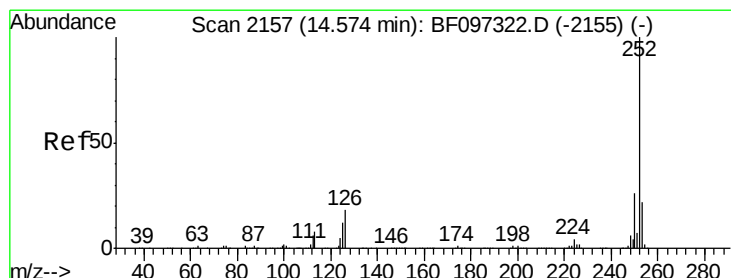
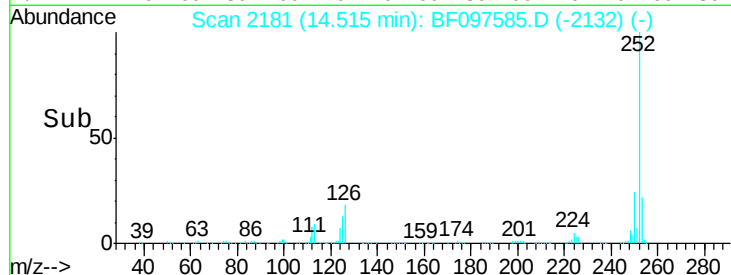
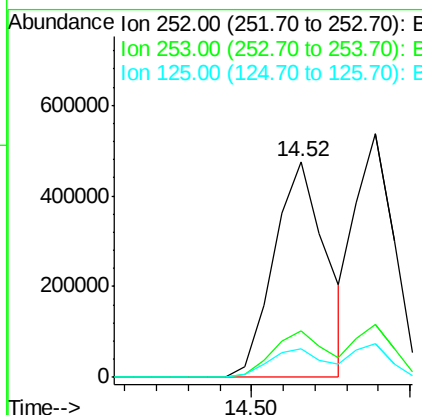
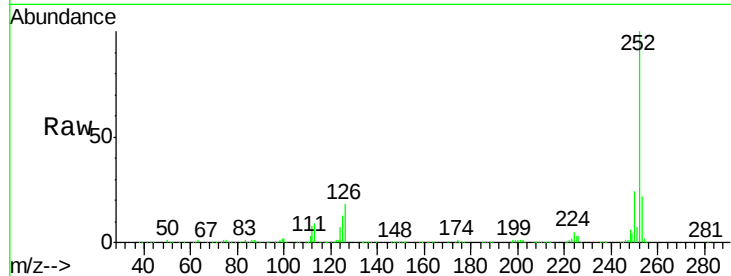




#87
Benzo(b)fluoranthene
Concen: 41.79 ng
RT: 14.52 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

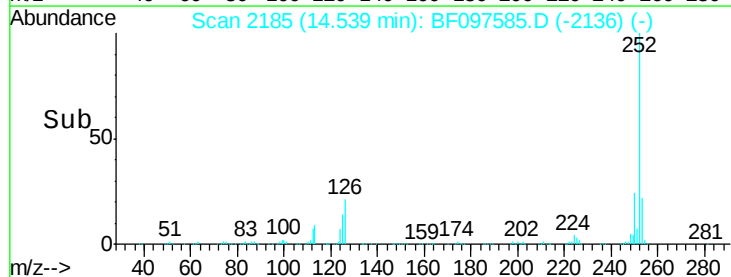
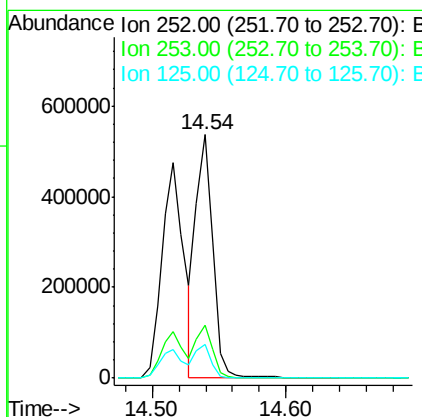
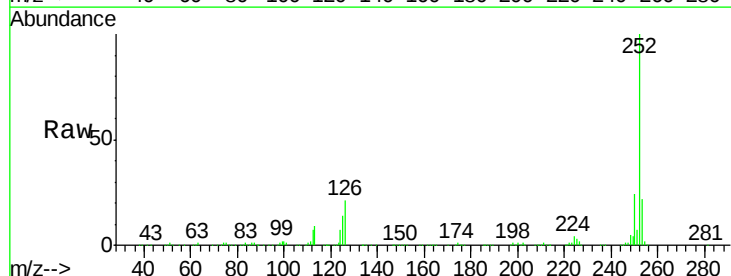
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

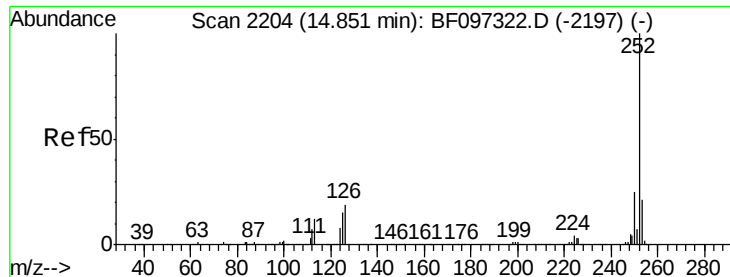
Tot Ion:252 Resp: 543389
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 13.5 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 37.49 ng
RT: 14.54 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

Tgt Ion:252 Resp: 464571
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 13.7 13.1 19.7

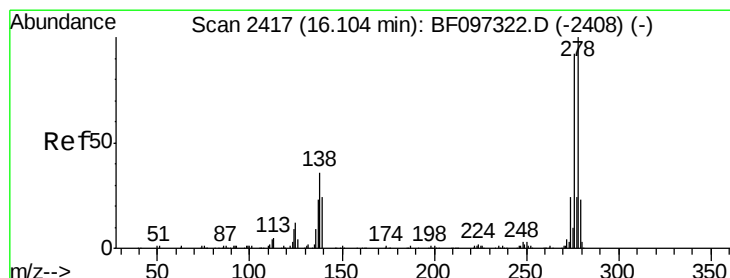
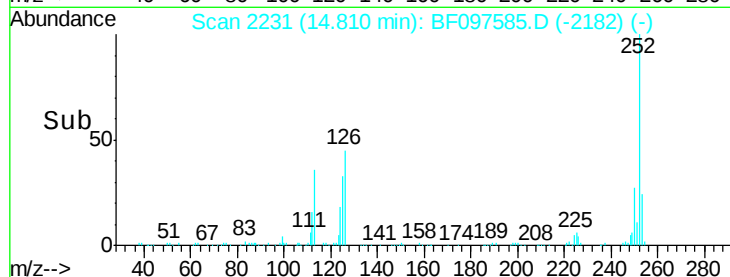
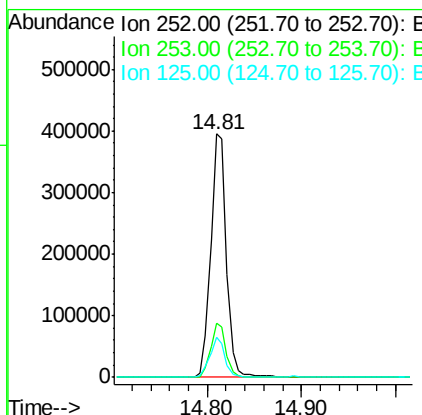
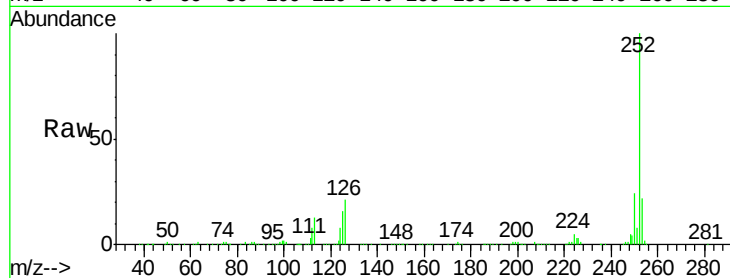




#89
Benzo(a)pyrene
Concen: 39.45 ng
RT: 14.81 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

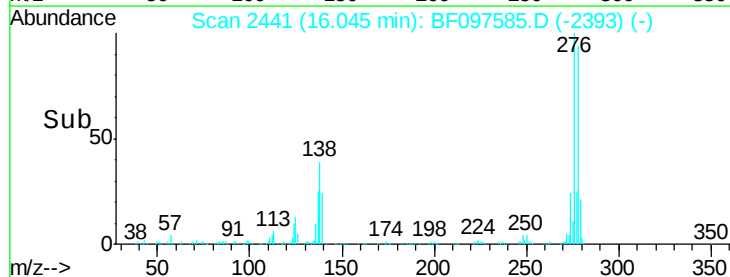
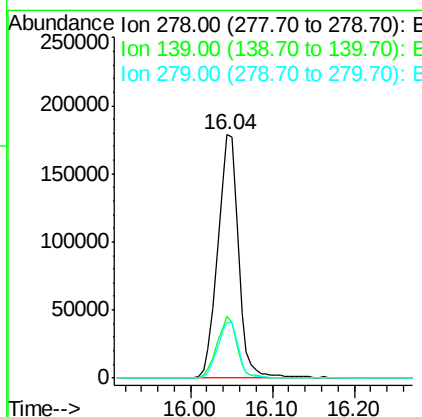
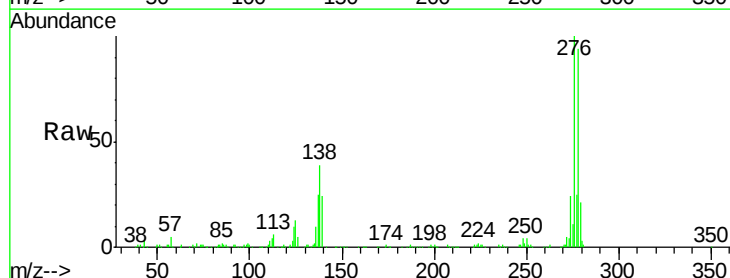
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

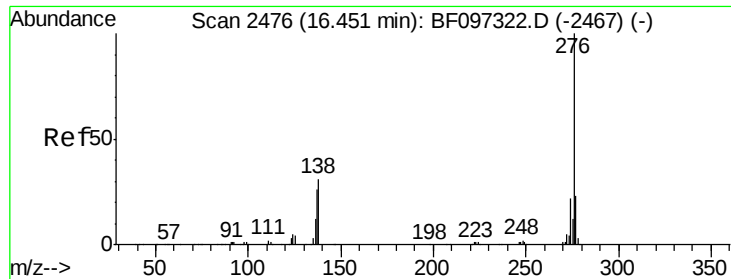
Tot Ion:252 Resp: 469414
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 16.3 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 32.37 ng
RT: 16.04 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BF097585.D
Acq: 11 Aug 2017 4:22

Tgt Ion:278 Resp: 315886
Ion Ratio Lower Upper
278 100
139 25.3 16.6 24.8#
279 22.5 19.3 28.9





#91
 Benzo(a,h,i)perylene
 Concen: 30.78 ng
 RT: 16.39 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BF097585.D
 Acq: 11 Aug 2017 4:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	33.7	25.4	38.0

