

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095809.D
 Acq On : 9 Jun 2017 5:50
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 09 07:27:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	73146	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	283714	20.00	ng	-0.03
38) Acenaphthene-d10	12.22	164	117154	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	181282	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	137868	20.00	ng	-0.02
86) Perylene-d12	20.00	264	108207	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	386819	84.27	ng	-0.03
7) Phenol-d6	6.93	99	452855	82.40	ng	-0.02
23) Nitrobenzene-d5	8.29	82	377421	82.62	ng	-0.03
41) 2,4,6-Tribromophenol	13.52	330	78838	76.06	ng	-0.03
44) 2-Fluorobiphenyl	11.19	172	724516	86.06	ng	-0.03
78) Terphenyl-d14	16.99	244	469191	84.46	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	1.67	88	85598	39.20	ng	90
3) Pyridine	2.22	79	215986	42.08	ng	98
4) n-Nitrosodimethylamine	2.19	42	77877	39.91	ng	80
6) Aniline	6.86	93	287838	40.04	ng	97
8) 2-Chlorophenol	7.05	128	197465	40.46	ng	95
9) Benzaldehyde	6.67	77	148715	40.12	ng	98
10) Phenol	6.95	94	239775	42.06	ng	87
11) bis(2-Chloroethyl)ether	7.02	93	186379	41.27	ng	95
12) 1,3-Dichlorobenzene	7.27	146	223800	40.51	ng	96
13) 1,4-Dichlorobenzene	7.40	146	226407	40.41	ng	97
14) 1,2-Dichlorobenzene	7.63	146	213178	41.28	ng	97
15) Benzyl Alcohol	7.67	79	149339	39.59	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.86	45	249440	39.31	ng	99
17) 2-Methylphenol	7.90	107	166414	40.63	ng	96
18) Hexachloroethane	8.15	117	65296	35.29	ng	# 83
19) n-Nitroso-di-n-propylamine	8.10	70	140613	40.38	ng	93
20) 3+4-Methylphenols	8.16	107	218520	42.03	ng	# 58
22) Acetophenone	8.06	105	274867	41.39	ng	# 82
24) Nitrobenzene	8.32	77	201102	41.21	ng	91
25) Isophorone	8.72	82	344226	40.35	ng	96
26) 2-Nitrophenol	8.83	139	95118	37.22	ng	97
27) 2,4-Dimethylphenol	8.98	122	164981	41.60	ng	98
28) bis(2-Chloroethoxy)methane	9.10	93	231755	41.22	ng	99
29) 2,4-Dichlorophenol	9.25	162	154396	40.43	ng	99
30) 1,2,4-Trichlorobenzene	9.33	180	163841	41.23	ng	98
31) Naphthalene	9.44	128	578118	40.60	ng	99
32) Benzoic acid	9.32	122	58407	26.17	ng	97
33) 4-Chloroaniline	9.58	127	231505	41.60	ng	# 92
34) Hexachlorobutadiene	9.66	225	85277	41.53	ng	98
35) Caprolactam	10.22	113	46381	40.81	ng	# 85
36) 4-Chloro-3-methylphenol	10.46	107	160228	40.08	ng	88
37) 2-Methylnaphthalene	10.56	142	377364	39.23	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.84	216	148527	42.36	ng	97
40) Hexachlorocyclopentadiene	10.82	237	3012	13.60	ng	88

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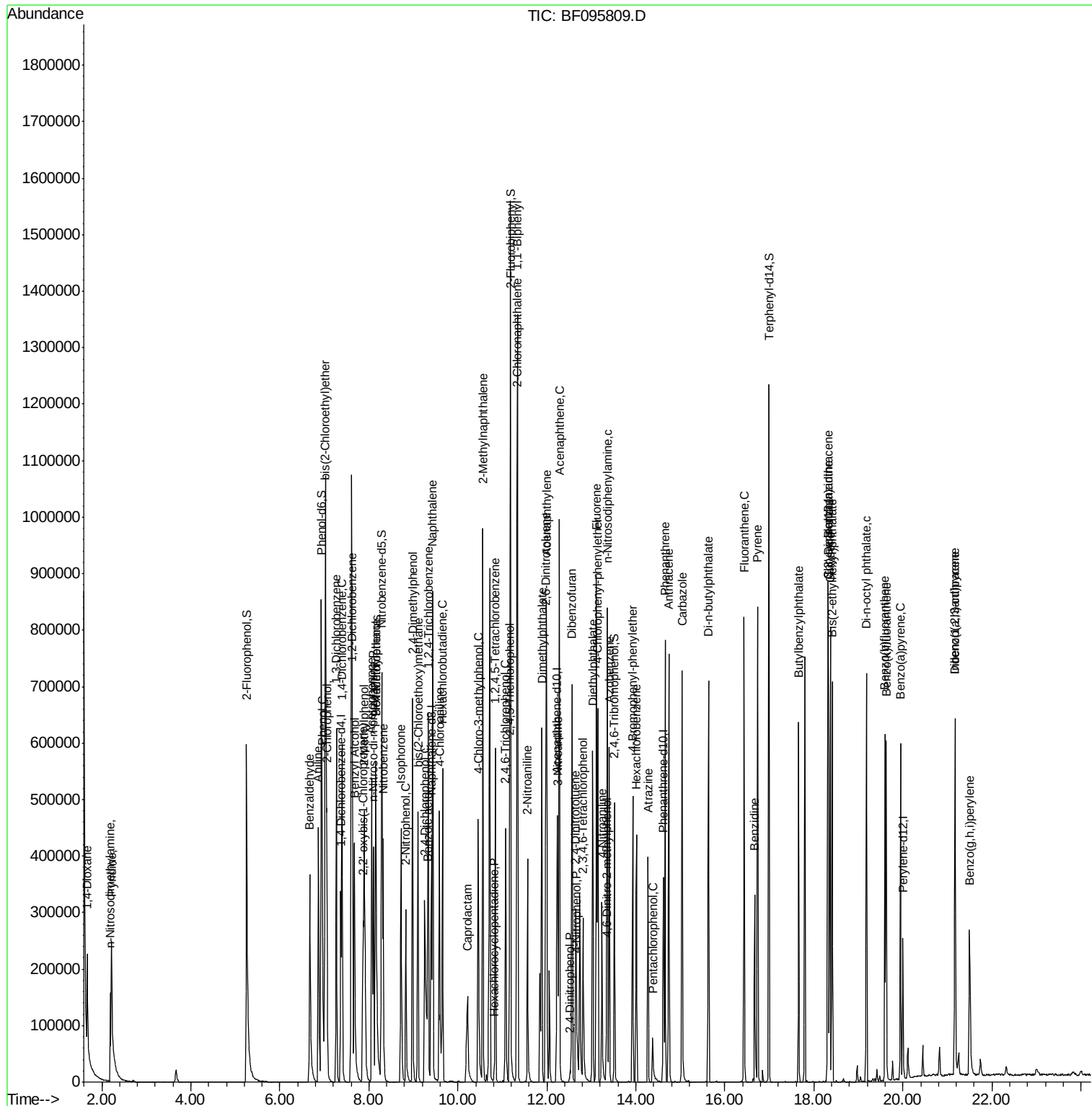
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.07	196	97243	43.14	nq	97
43) 2,4,5-Trichlorophenol	11.16	196	100265	41.81	nq	93
45) 1,1'-Biphenyl	11.33	154	417649	43.25	nq	98
46) 2-Chloronaphthalene	11.34	162	318877	42.27	nq	96
47) 2-Nitroaniline	11.56	65	94286	42.71	nq	# 82
48) Acenaphthylene	12.00	152	519138	40.24	nq	99
49) Dimethylphthalate	11.89	163	375402	42.20	nq	99
50) 2,6-Dinitrotoluene	11.98	165	77728	40.06	nq	# 87
51) Acenaphthene	12.28	154	303184	40.69	nq	98
52) 3-Nitroaniline	12.24	138	97083	42.95	nq	85
53) 2,4-Dinitrophenol	12.50	184	3661	9.54	nq	# 57
54) Dibenzofuran	12.56	168	420983	40.15	nq	98
55) 4-Nitrophenol	12.67	139	43163	35.44	nq	# 82
56) 2,4-Dinitrotoluene	12.65	165	100165	38.22	nq	98
57) Fluorene	13.12	166	357766	39.20	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.81	232	61701	37.61	nq	# 94
59) Diethylphthalate	13.03	149	358700	41.90	nq	99
60) 4-Chlorophenyl-phenylether	13.14	204	157728	39.75	nq	92
61) 4-Nitroaniline	13.24	138	88715	42.03	nq	95
62) Azobenzene	13.40	77	295225	38.05	nq	93
64) 4,6-Dinitro-2-methylphenol	13.33	198	10352	8.69	nq	84
65) n-Nitrosodiphenylamine	13.36	169	297819	45.72	nq	99
66) 4-Bromophenyl-phenylether	13.93	248	83943	44.55	nq	98
67) Hexachlorobenzene	14.01	284	79419	42.78	nq	# 87
68) Atrazine	14.27	200	68441	37.75	nq	97
69) Pentachlorophenol	14.37	266	23152	36.78	nq	95
70) Phenanthrene	14.66	178	430868	41.19	nq	98
71) Anthracene	14.74	178	442816	40.55	nq	98
72) Carbazole	15.04	167	442589	41.59	nq	97
73) Di-n-butylphthalate	15.63	149	505974	44.69	nq	97
74) Fluoranthene	16.43	202	405748	39.19	nq	98
76) Benzidine	16.67	184	205682	38.85	nq	# 92
77) Pyrene	16.73	202	414025	40.25	nq	99
79) Butylbenzylphthalate	17.66	149	187429	41.72	nq	# 83
80) Benzo(a)anthracene	18.32	228	332410	41.47	nq	97
81) 3,3'-Dichlorobenzidine	18.31	252	125045	43.88	nq	# 95
82) Chrysene	18.37	228	325107	40.59	nq	98
83) Bis(2-ethylhexyl)phthalate	18.41	149	260604	41.12	nq	# 99
84) Di-n-octyl phthalate	19.18	149	429915	41.17	nq	96
85) Indeno(1,2,3-cd)pyrene	21.17	276	232760	33.96	nq	99
87) Benzo(b)fluoranthene	19.60	252	285783	42.18	nq	99
88) Benzo(k)fluoranthene	19.63	252	274394	42.37	nq	# 96
89) Benzo(a)pyrene	19.94	252	252182	40.49	nq	99
90) Dibenzo(a,h)anthracene	21.17	278	200745	38.00	nq	98
91) Benzo(g,h,i)perylene	21.50	276	196125	36.42	nq	98

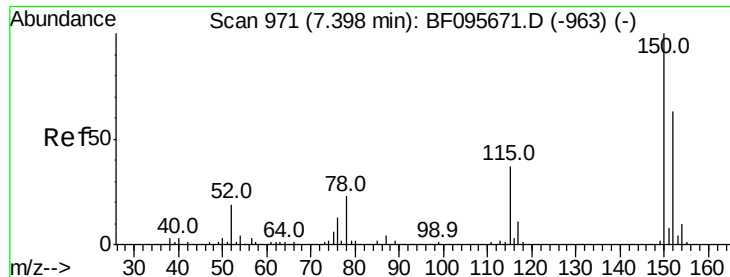
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.37 min Scan# 983

Delta R.T. -0.03 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

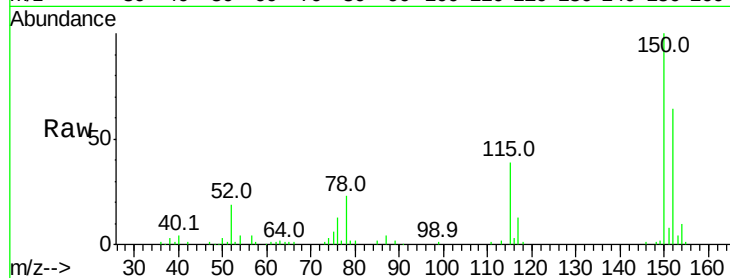
Tot Ion:152 Resp: 73146

Ion Ratio Lower Upper

152 100

150 156.4 126.2 189.2

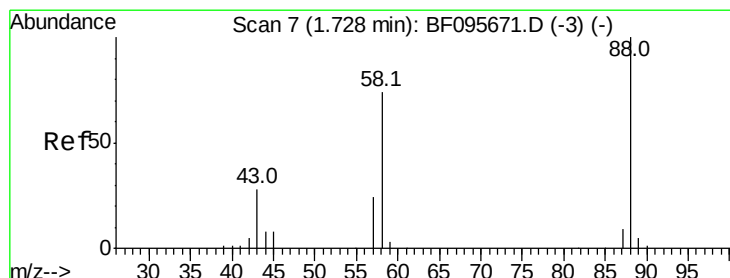
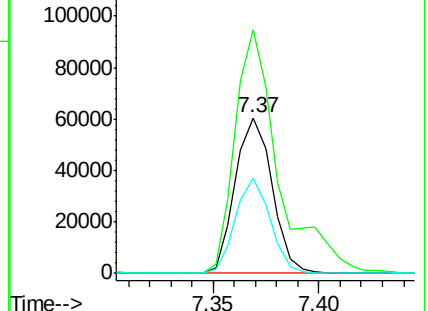
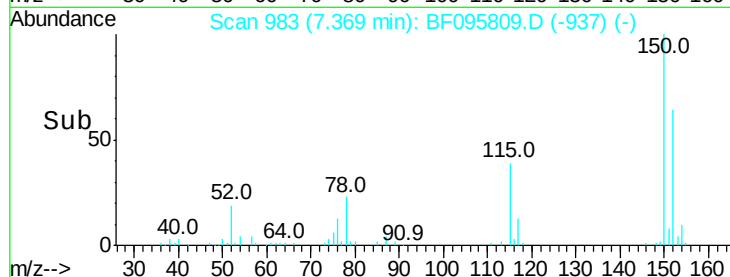
115 60.9 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.20 ng

RT: 1.67 min Scan# 15

Delta R.T. -0.05 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

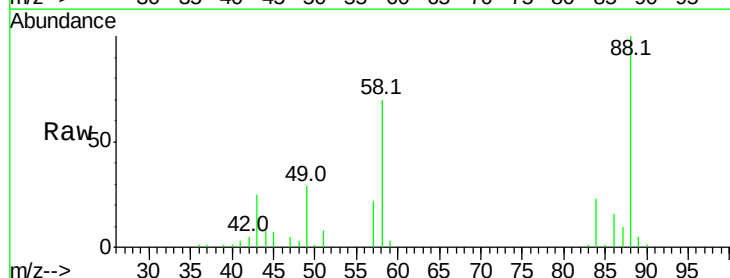
Tgt Ion: 88 Resp: 85598

Ion Ratio Lower Upper

88 100

58 67.6 61.4 92.0

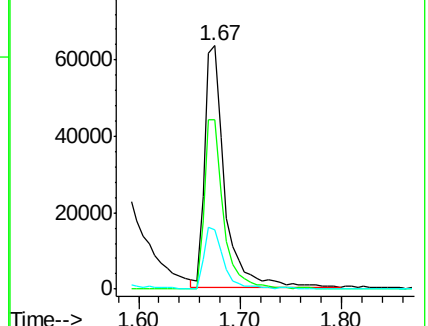
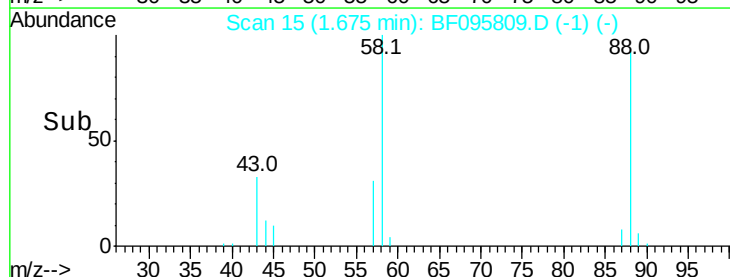
43 25.3 23.4 35.0

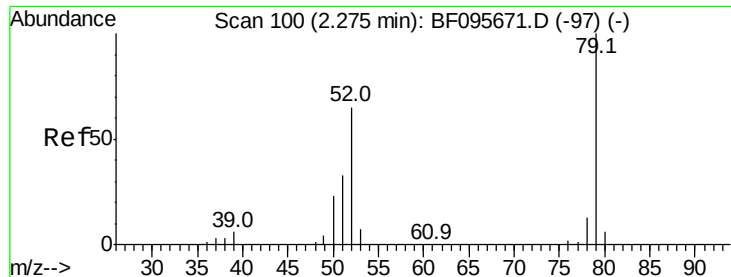


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.08 ng

RT: 2.22 min Scan# 107

Delta R.T. -0.06 min

Lab File: BF095809.D

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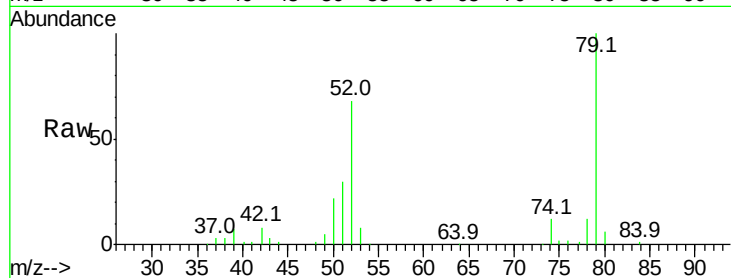
Tot Ion: 79 Resp: 215986

Ion Ratio Lower Upper

79 100

52 67.7 54.8 82.2

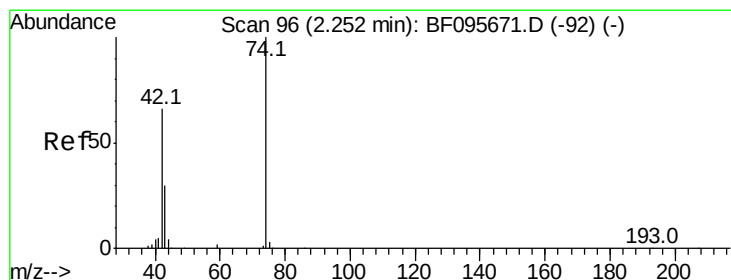
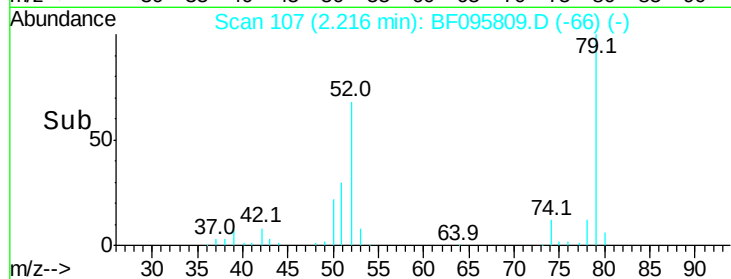
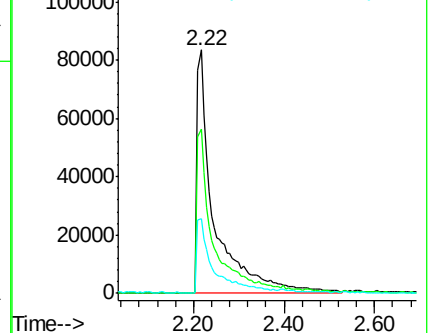
51 30.5 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.91 ng

RT: 2.19 min Scan# 103

Delta R.T. -0.06 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

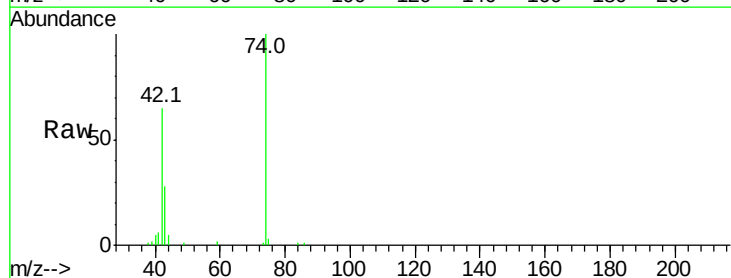
Tgt Ion: 42 Resp: 77877

Ion Ratio Lower Upper

42 100

74 154.0 103.9 155.9

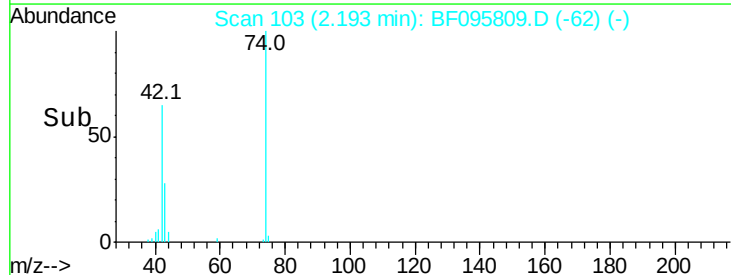
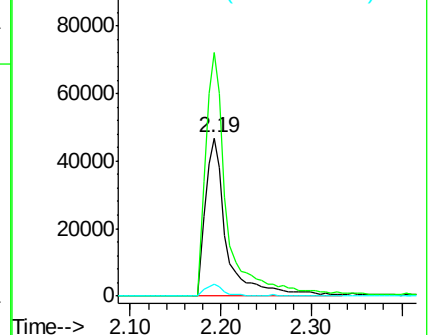
44 7.4 5.7 8.5

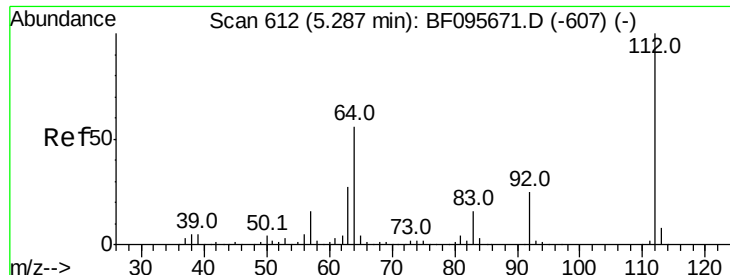


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 84.27 ng

RT: 5.25 min Scan# 623

Delta R.T. -0.03 min

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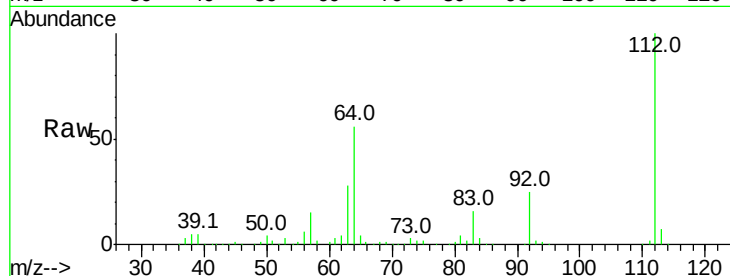
Tot Ion: 112 Resp: 386819

Ion Ratio Lower Upper

112 100

64 56.2 46.0 69.0

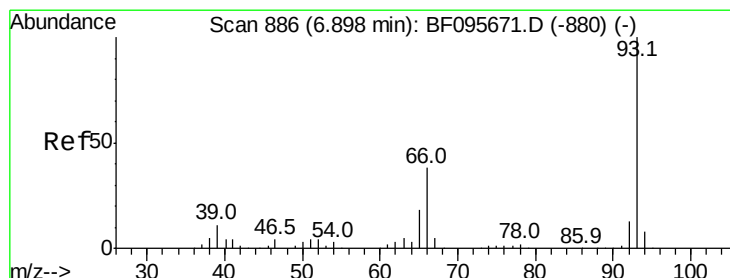
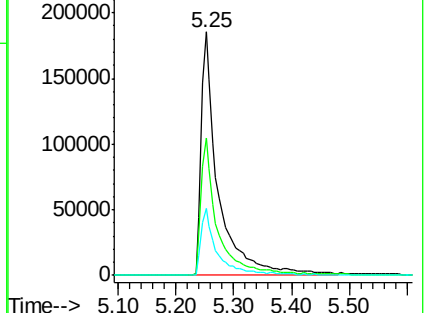
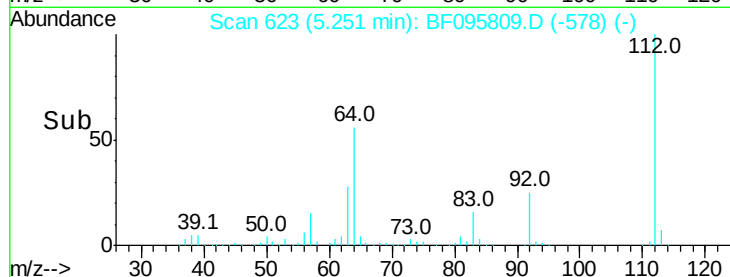
63 27.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.04 ng

RT: 6.86 min Scan# 897

Delta R.T. -0.04 min

Lab File: BF095809.D

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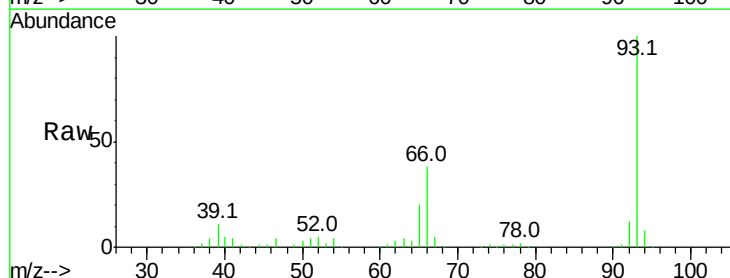
Tgt Ion: 93 Resp: 287838

Ion Ratio Lower Upper

93 100

66 38.4 32.9 49.3

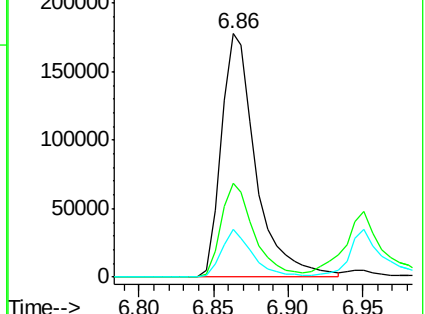
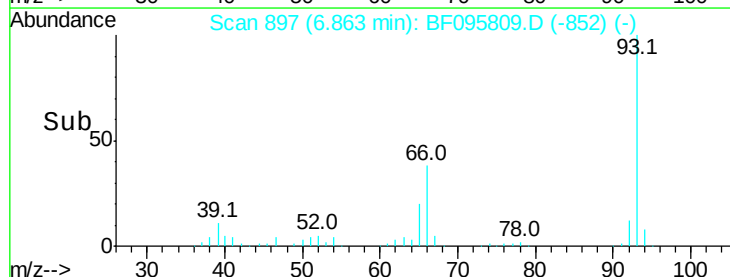
65 19.6 16.0 24.0

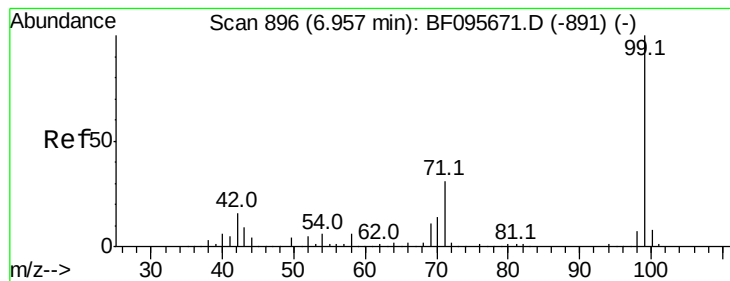


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.40 ng

RT: 6.93 min Scan# 909

Delta R.T. -0.02 min

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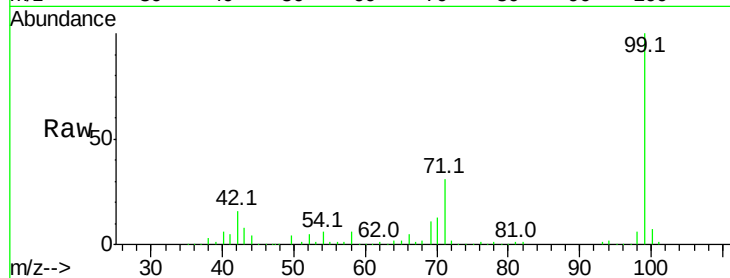
Tot Ion: 99 Resp: 452855

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

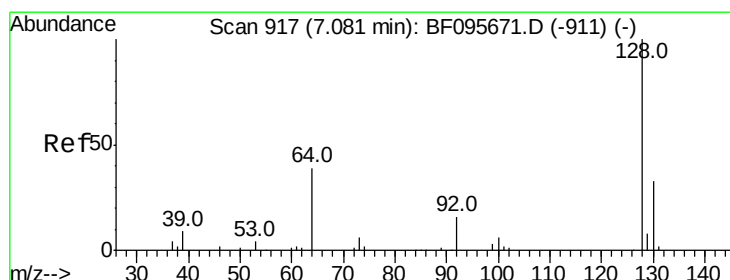
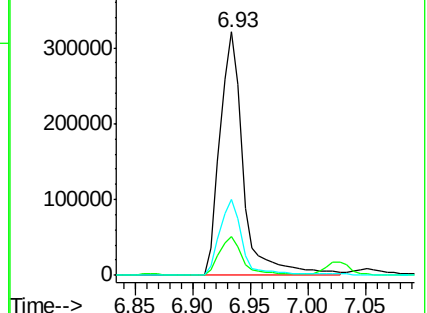
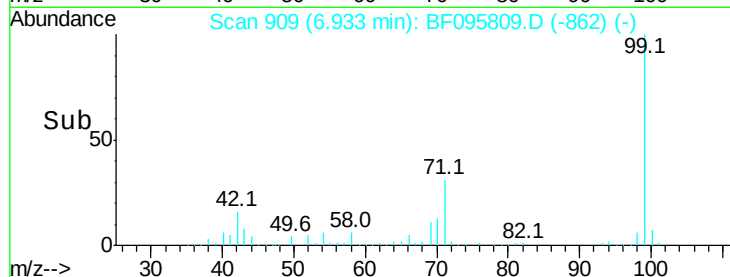
71 31.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.46 ng

RT: 7.05 min Scan# 929

Delta R.T. -0.03 min

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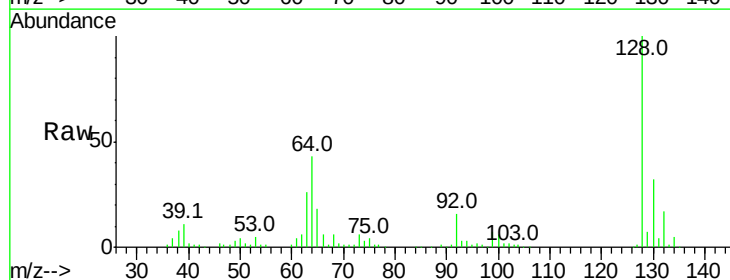
Tgt Ion: 128 Resp: 197465

Ion Ratio Lower Upper

128 100

130 31.9 12.9 52.9

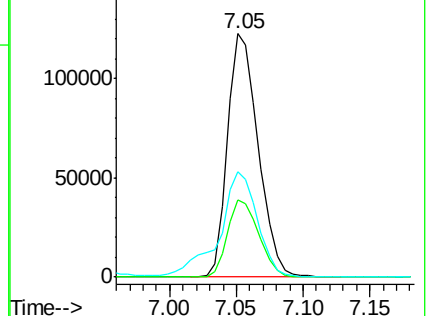
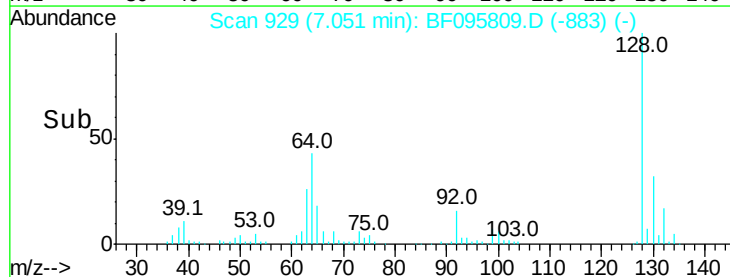
64 43.5 28.4 68.4

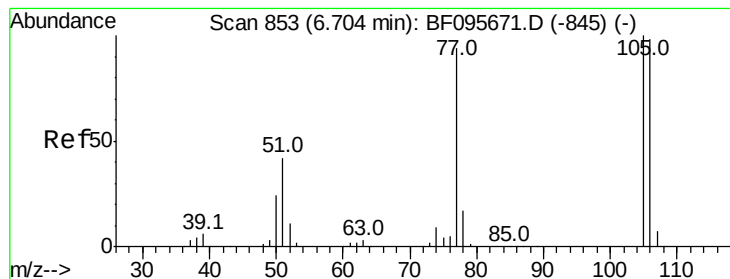


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.12 ng

RT: 6.67 min Scan# 865

Delta R.T. -0.03 min

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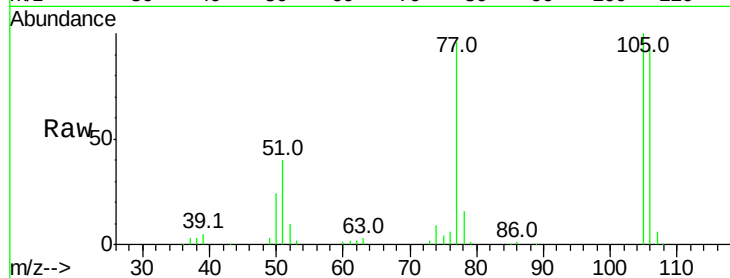
Tot Ion: 77 Resp: 148715

Ion Ratio Lower Upper

77 100

105 104.7 83.8 123.8

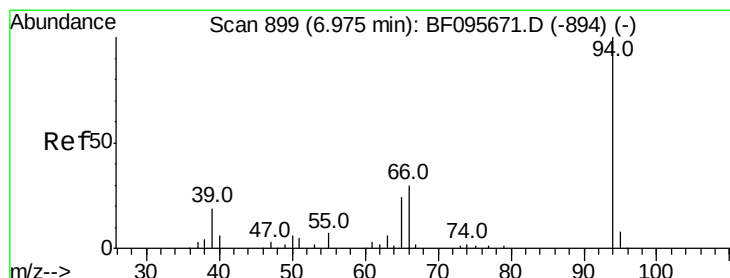
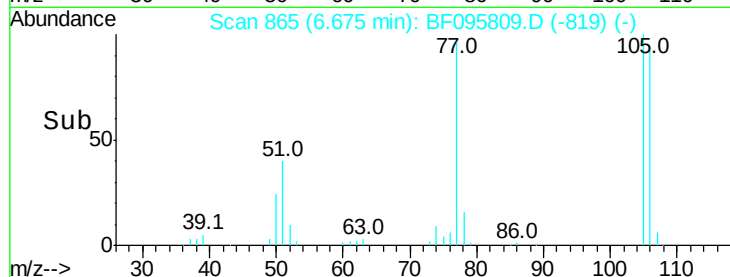
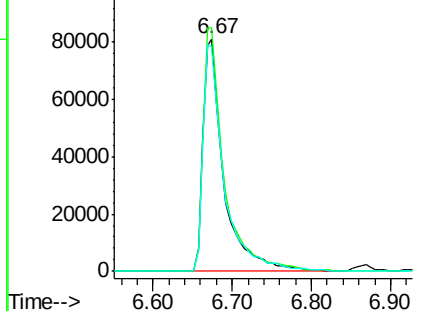
106 96.7 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.06 ng

RT: 6.95 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

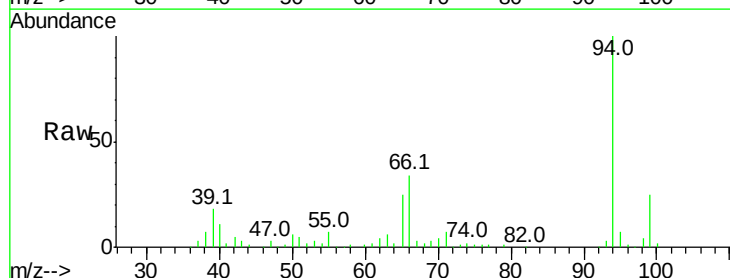
Tgt Ion: 94 Resp: 239775

Ion Ratio Lower Upper

94 100

65 24.5 9.9 49.9

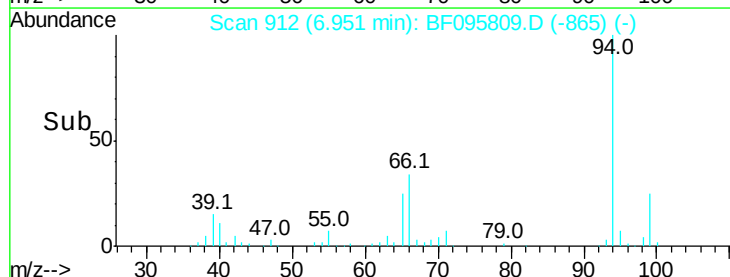
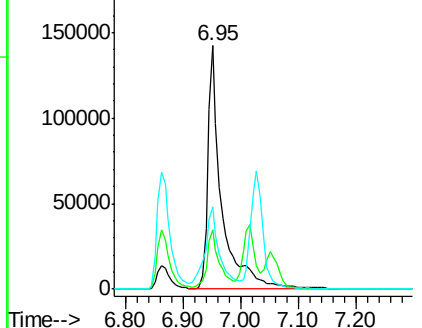
66 33.9 23.1 63.1

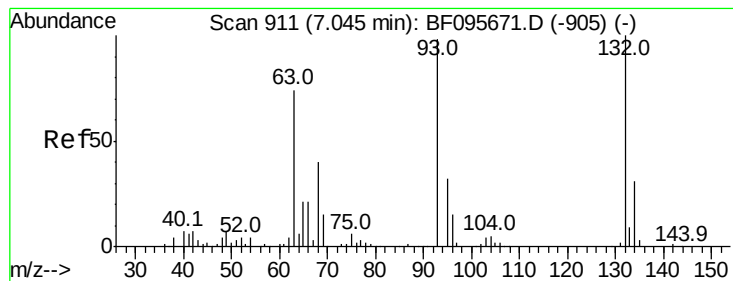


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

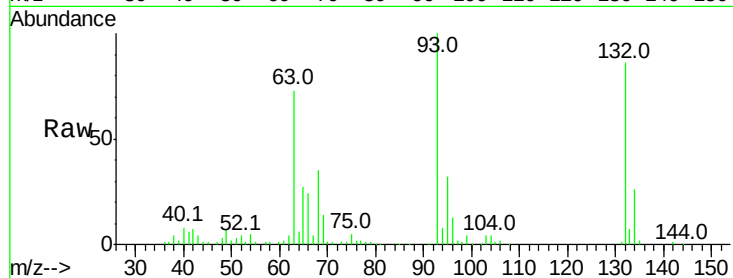




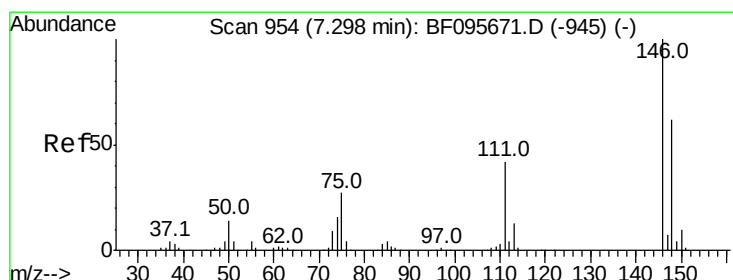
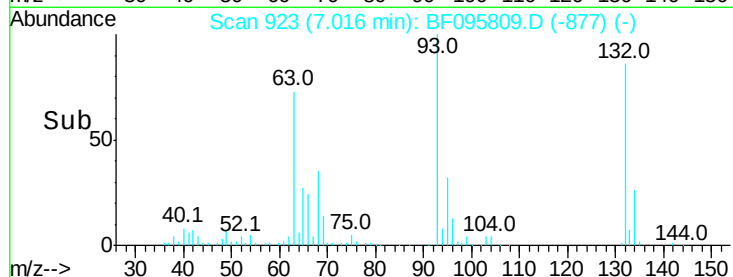
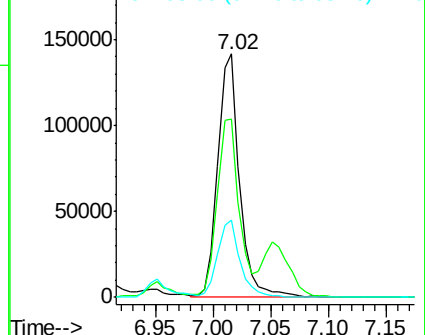
#11
bis(2-Chloroethyl)ether
Concen: 41.27 ng
RT: 7.02 min Scan# 923
Delta R.T. -0.03 min
Lab File: BF095809.D
Acq: 9 Jun 2017 5:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 93 Resp: 186379
Ion Ratio Lower Upper
93 100
63 73.1 59.2 99.2
95 32.0 12.8 52.8

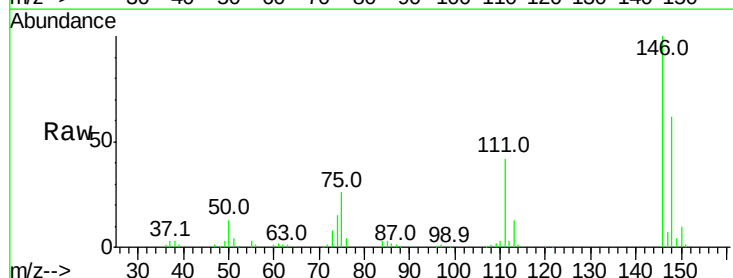


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

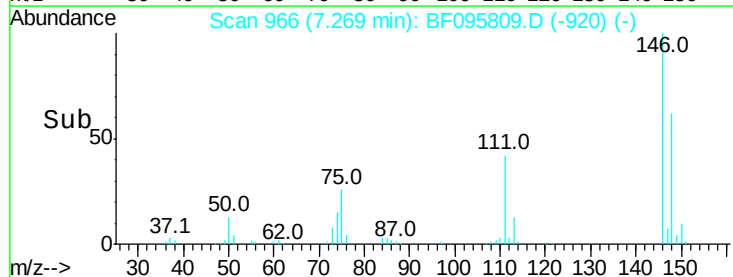
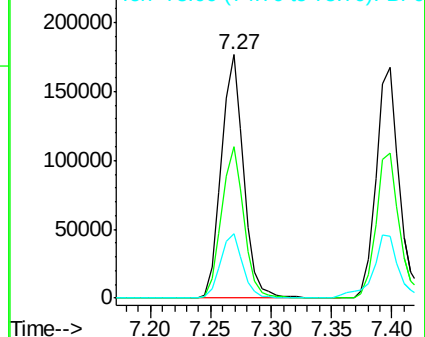


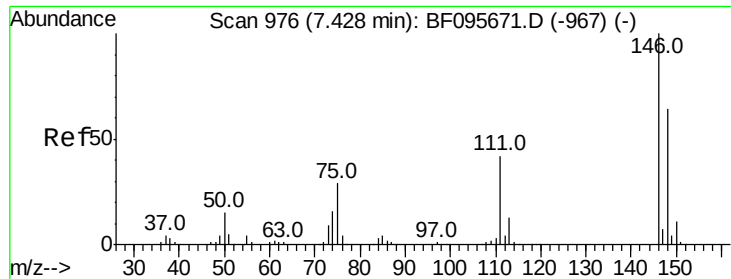
#12
1,3-Dichlorobenzene
Concen: 40.51 ng
RT: 7.27 min Scan# 966
Delta R.T. -0.03 min
Lab File: BF095809.D
Acq: 9 Jun 2017 5:50

Tgt Ion: 146 Resp: 223800
Ion Ratio Lower Upper
146 100
148 62.1 51.8 77.6
75 26.5 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

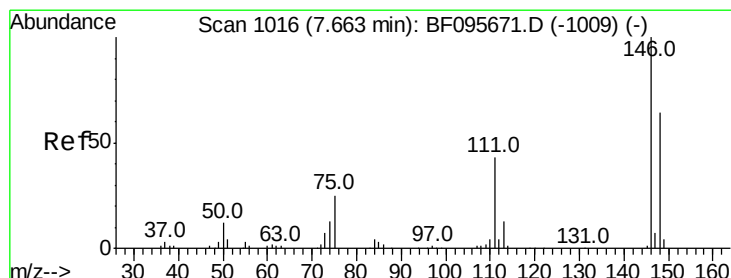
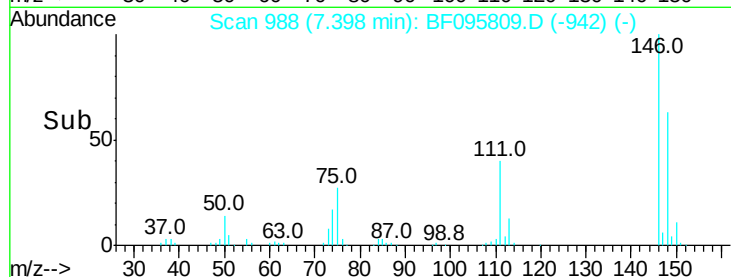
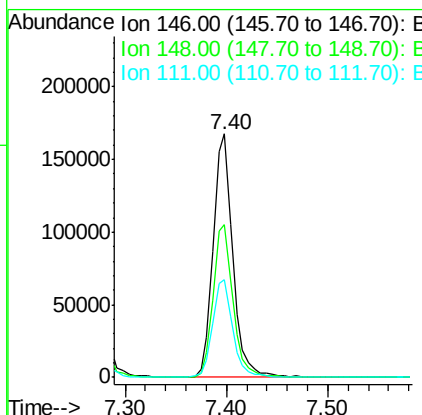
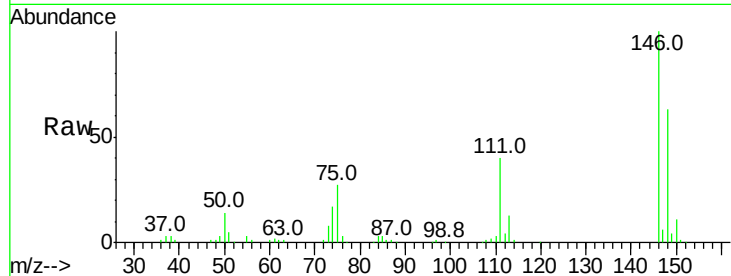




#13
 1,4-Dichlorobenzene
 Concen: 40.41 ng
 RT: 7.40 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

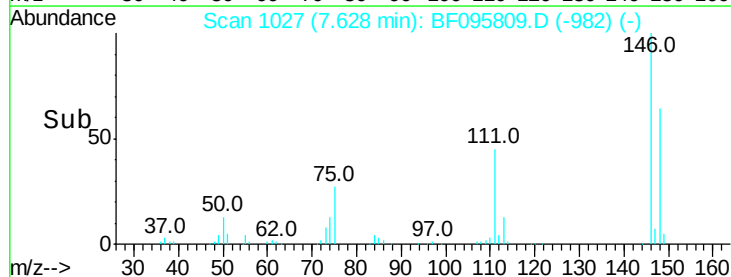
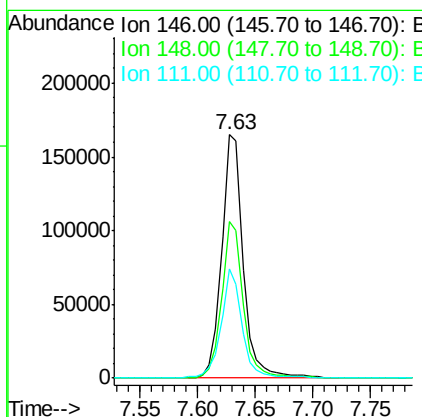
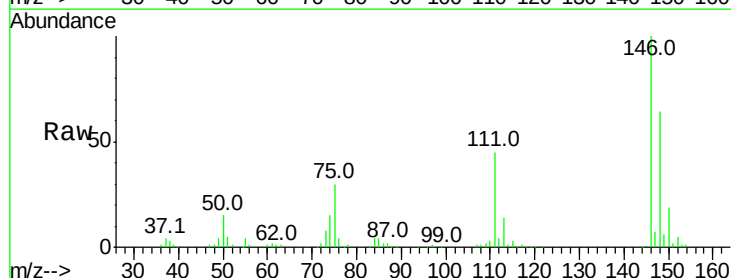
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

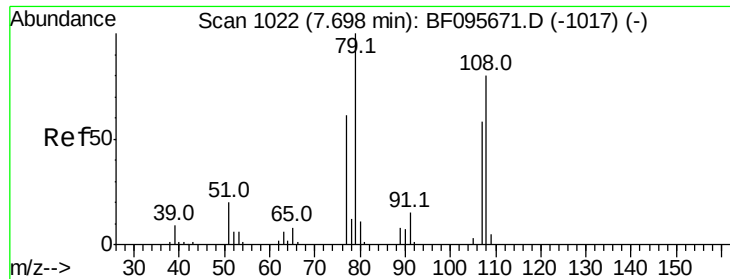
Tot Ion:146 Resp: 226407
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.2 78.2
 111 40.1 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 41.28 ng
 RT: 7.63 min Scan# 1027
 Delta R.T. -0.04 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

Tgt Ion:146 Resp: 213178
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.4 75.6
 111 45.0 38.2 57.4

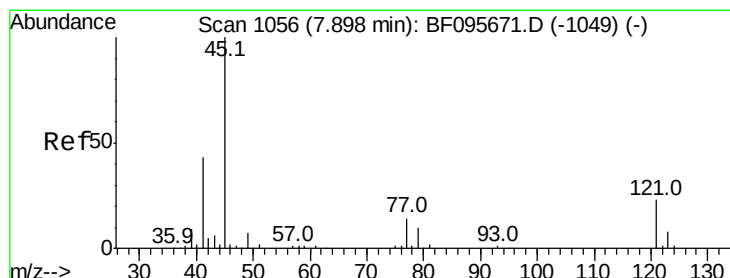
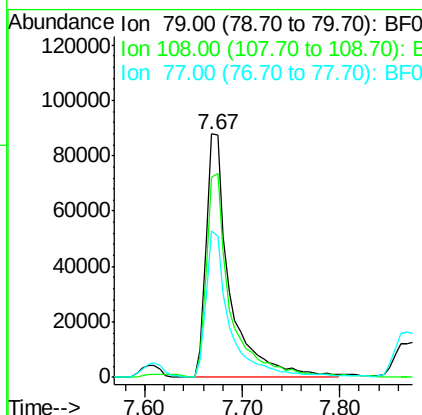
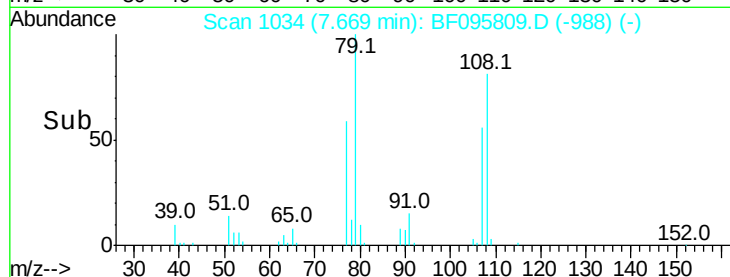
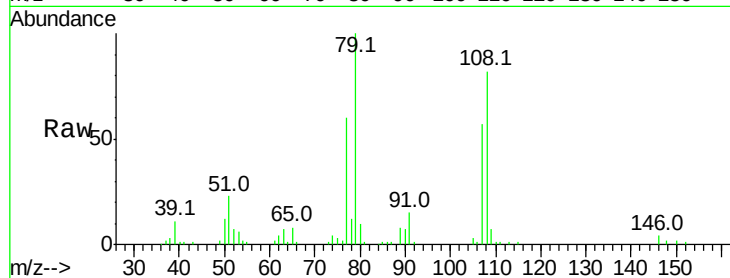




#15
Benzyl Alcohol
Concen: 39.59 ng
RT: 7.67 min Scan# 1034
Delta R.T. -0.03 min
Lab File: BF095809.D
Acq: 9 Jun 2017 5:50

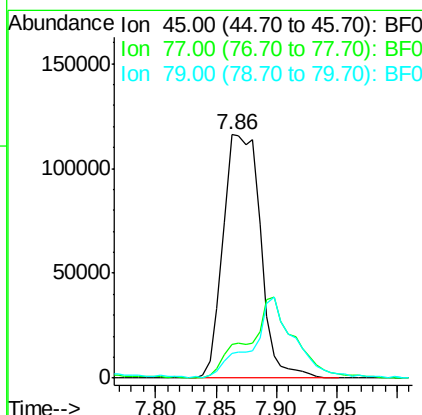
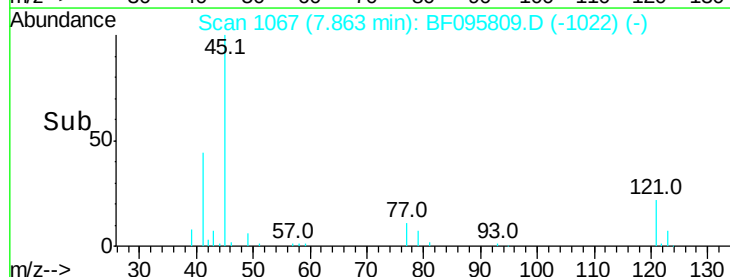
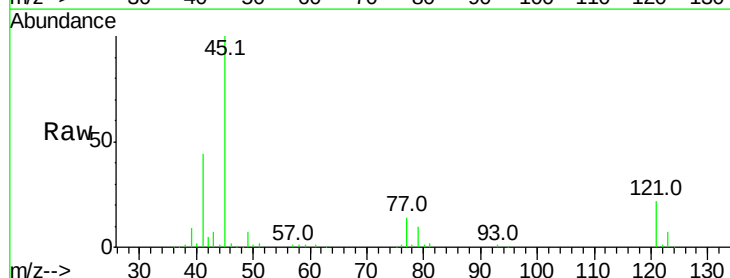
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

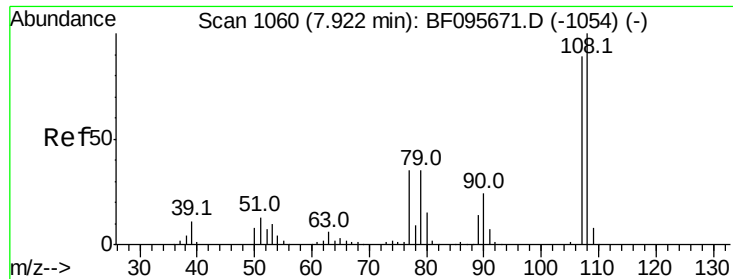
Tot Ion: 79 Resp: 149339
Ion Ratio Lower Upper
79 100
108 82.0 63.4 95.0
77 59.9 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.31 ng
RT: 7.86 min Scan# 1067
Delta R.T. -0.04 min
Lab File: BF095809.D
Acq: 9 Jun 2017 5:50

Tgt Ion: 45 Resp: 249440
Ion Ratio Lower Upper
45 100
77 13.8 0.0 33.2
79 10.3 0.0 30.0





#17

2-Methylphenol

Concen: 40.63 ng

RT: 7.90 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 166414

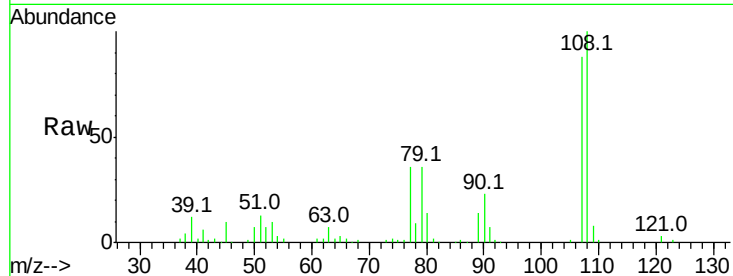
Ion Ratio Lower Upper

107 100

108 113.0 93.4 140.0

77 41.2 35.8 53.6

79 40.9 34.8 52.2

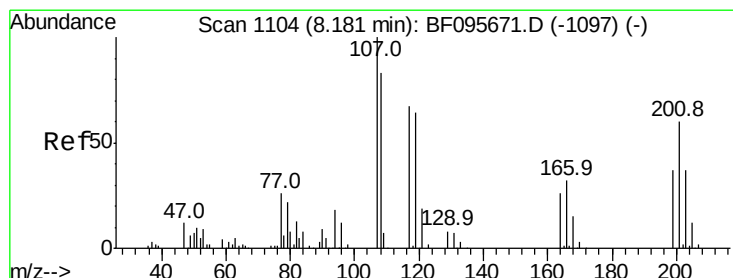
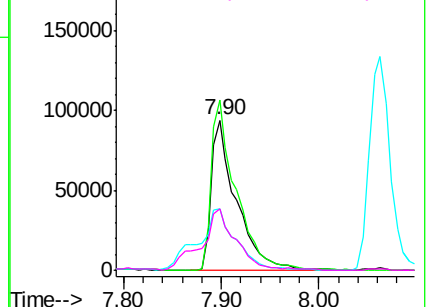
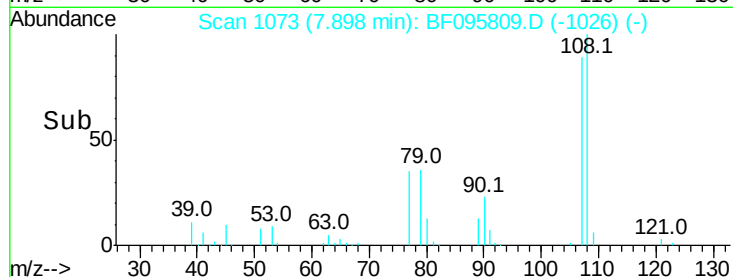


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.29 ng

RT: 8.15 min Scan# 1115

Delta R.T. -0.04 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

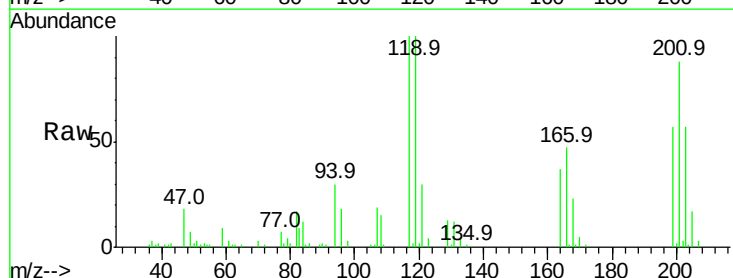
Tgt Ion:117 Resp: 65296

Ion Ratio Lower Upper

117 100

119 99.5 77.4 116.0

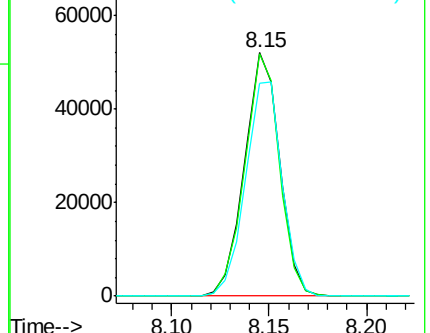
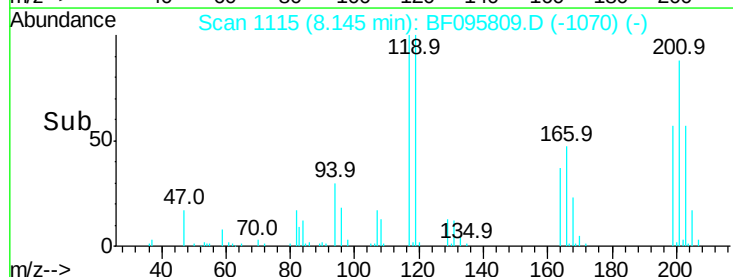
201 87.6 94.6 141.8#

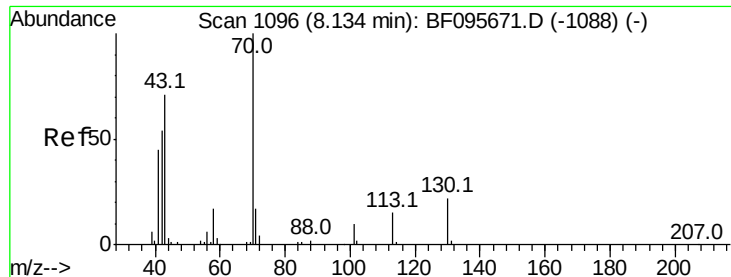


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

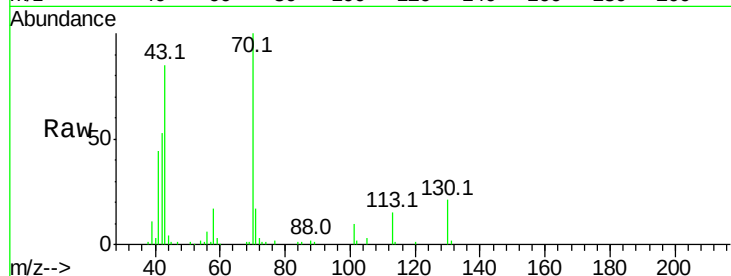




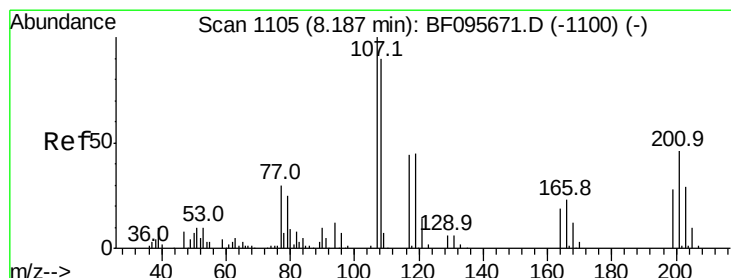
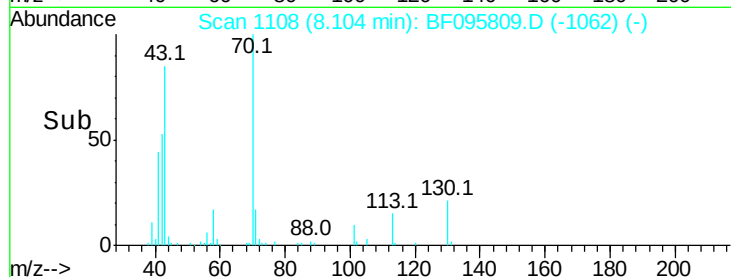
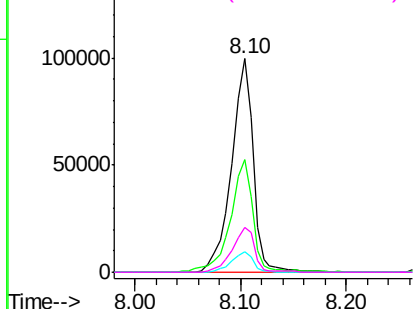
#19
n-Nitroso-di-n-propylamine
Concen: 40.38 ng
RT: 8.10 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BF095809.D
Acq: 9 Jun 2017 5:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 140613
Ion Ratio Lower Upper
70 100
42 52.6 47.2 70.8
101 9.8 7.2 10.8
130 21.2 15.9 23.9

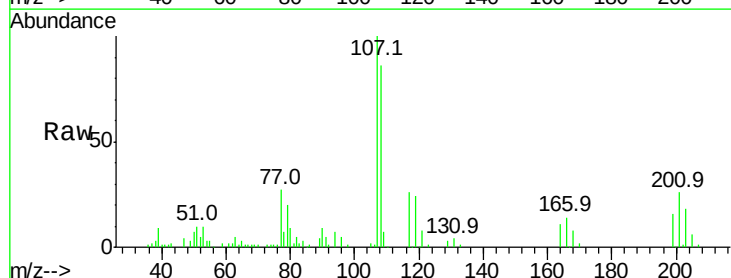


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

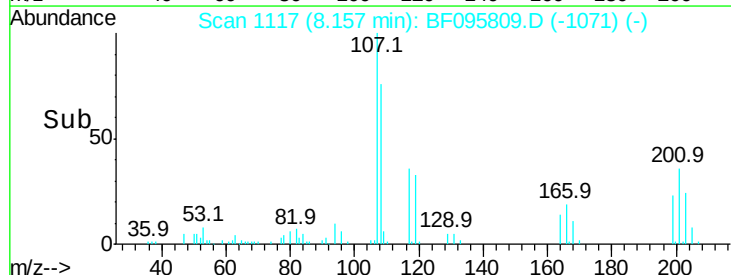
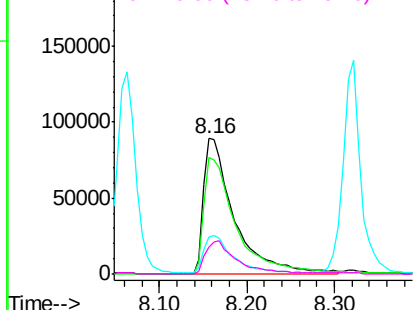


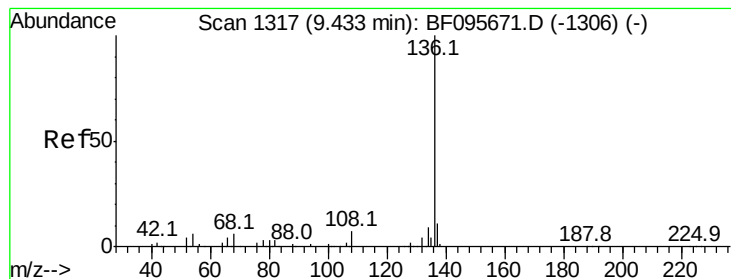
#20
3+4-Methylphenols
Concen: 42.03 ng
RT: 8.16 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BF095809.D
Acq: 9 Jun 2017 5:50

Tgt Ion: 107 Resp: 218520
Ion Ratio Lower Upper
107 100
108 85.7 71.0 111.0
77 27.2 90.5 130.5#
79 20.2 8.4 48.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1329

Delta R.T. -0.03 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 283714

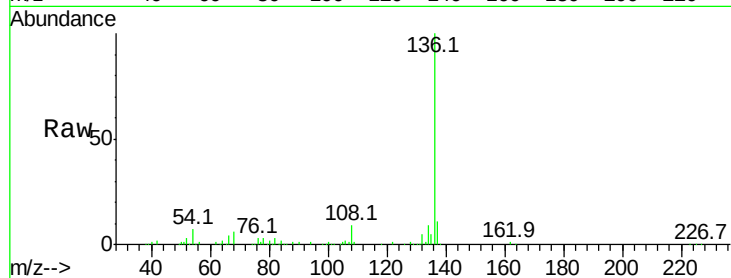
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.5 4.9 7.3

68 5.7 4.1 6.1

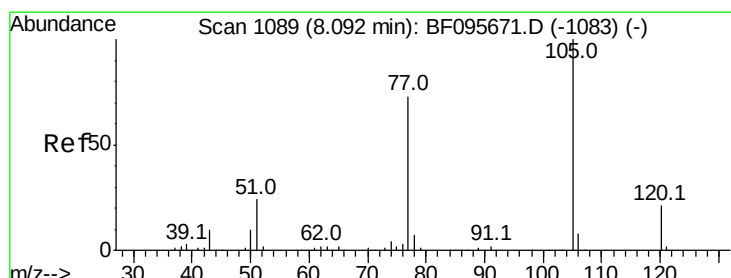
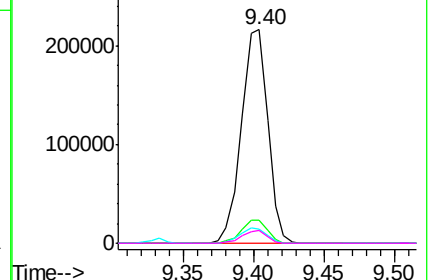
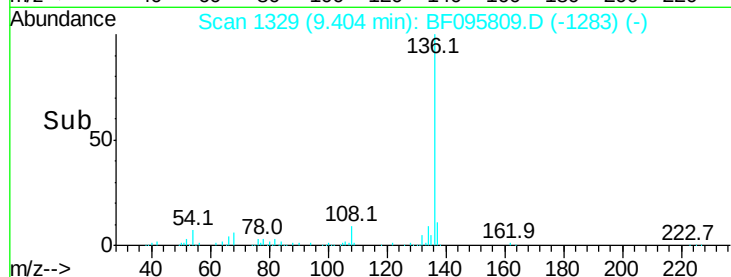


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.39 ng

RT: 8.06 min Scan# 1101

Delta R.T. -0.03 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

Tgt Ion:105 Resp: 274867

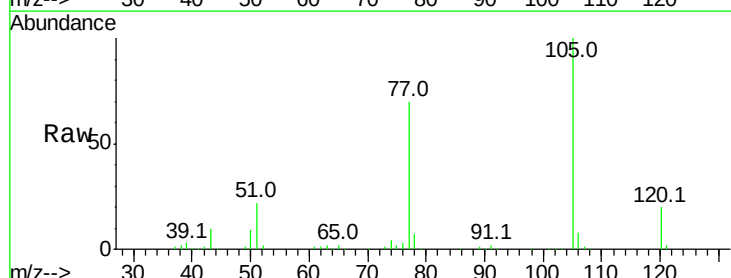
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.1 30.7 46.1#

120 20.3 17.4 26.0

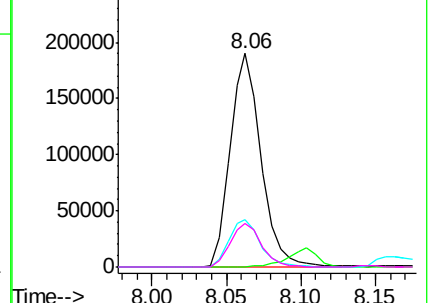
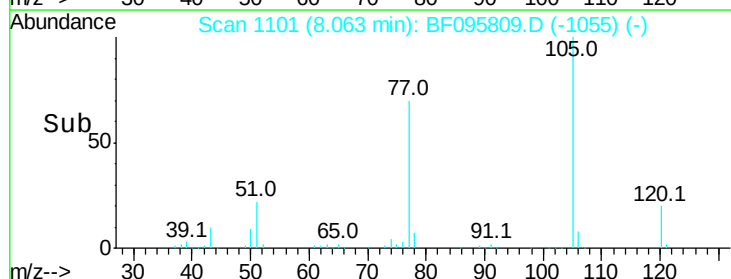


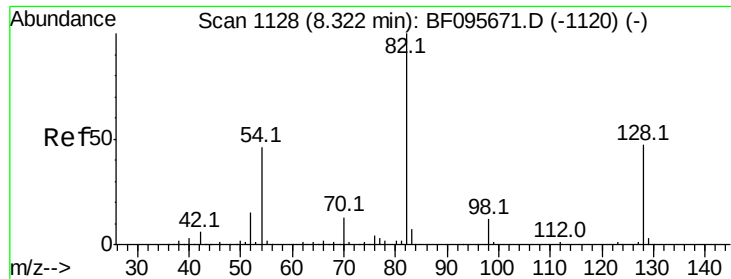
Abundance Ion 105.00 (104.70 to 105.70): E

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

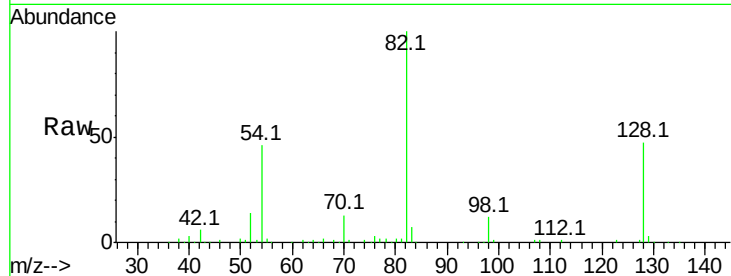




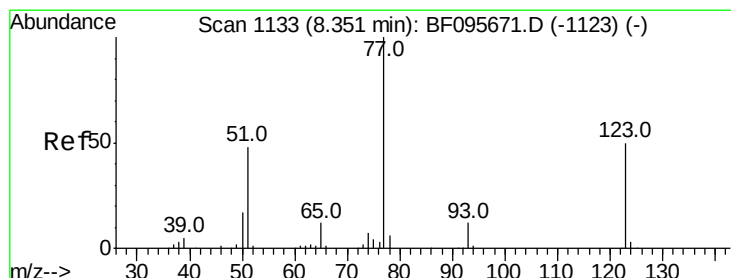
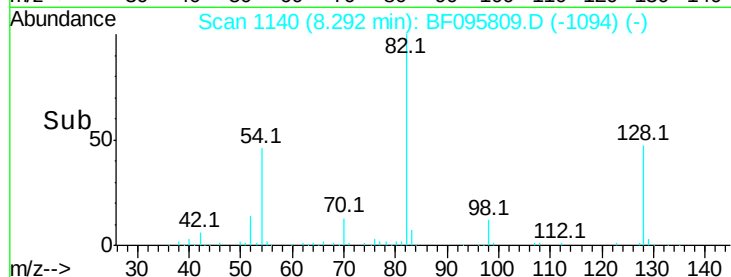
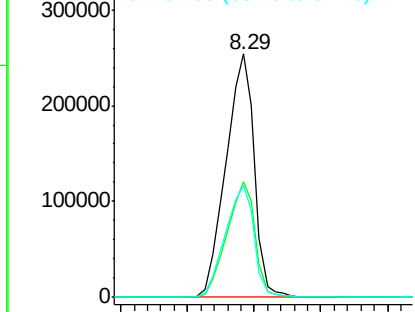
#23
 Nitrobenzene-d5
 Concen: 82.62 ng
 RT: 8.29 min Scan# 1140
 Delta R.T. -0.03 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 377421
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.0 51.0
 54 46.2 42.2 63.2

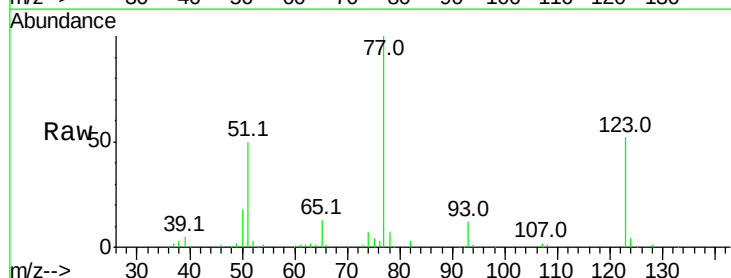


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

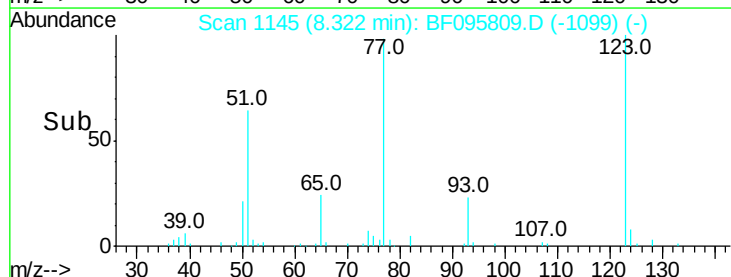
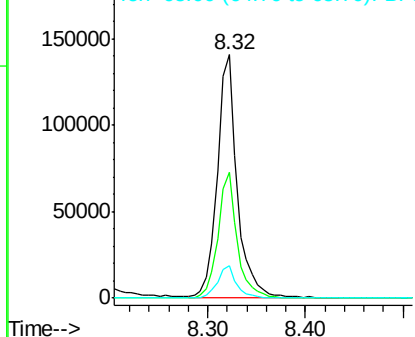


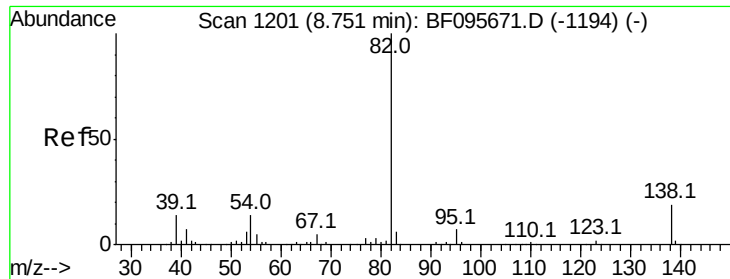
#24
 Nitrobenzene
 Concen: 41.21 ng
 RT: 8.32 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

Tgt Ion: 77 Resp: 201102
 Ion Ratio Lower Upper
 77 100
 123 51.9 35.8 53.8
 65 13.4 10.6 15.8



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





#25

Isophorone

Concen: 40.35 ng

RT: 8.72 min Scan# 1213

Delta R.T. -0.03 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

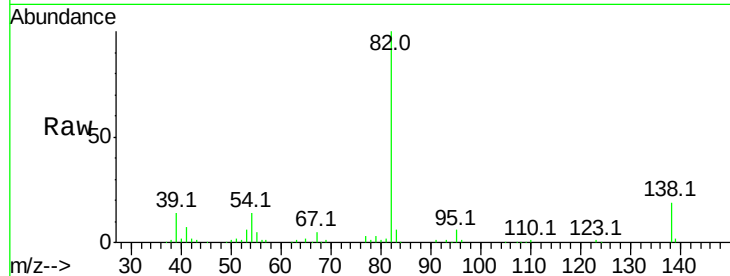
Tot Ion: 82 Resp: 344226

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

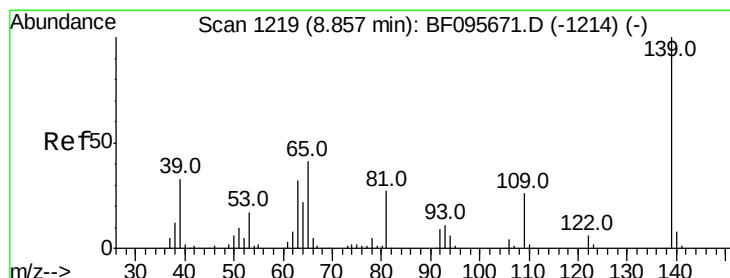
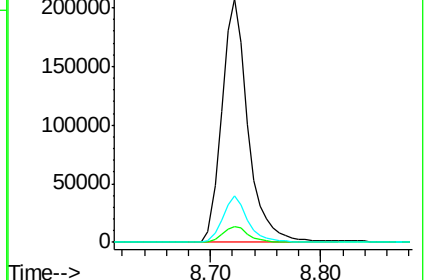
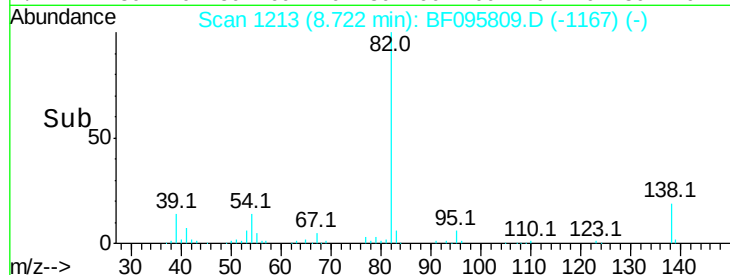
138 18.9 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.22 ng

RT: 8.83 min Scan# 1231

Delta R.T. -0.03 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

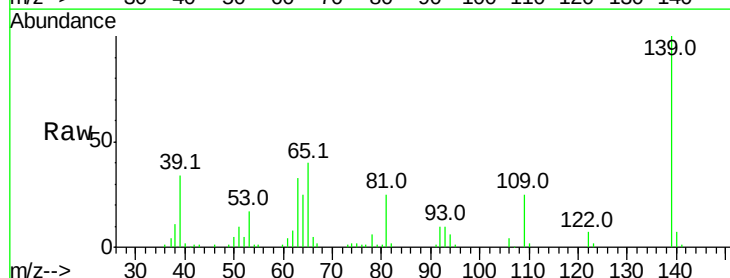
Tgt Ion: 139 Resp: 95118

Ion Ratio Lower Upper

139 100

109 25.0 21.0 31.6

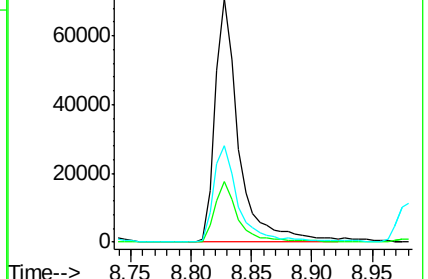
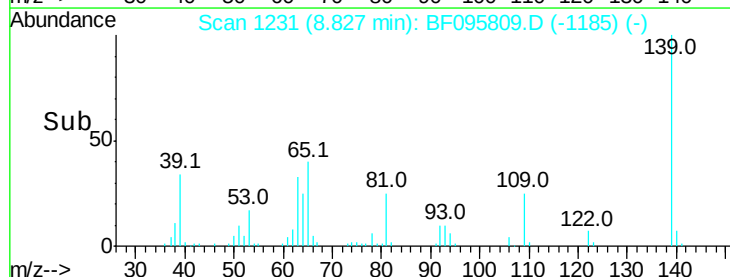
65 39.6 33.0 49.6

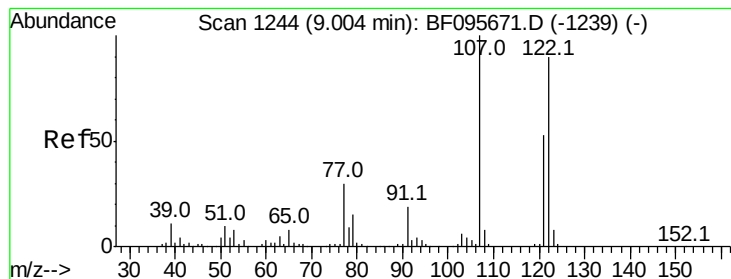


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.60 ng

RT: 8.98 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

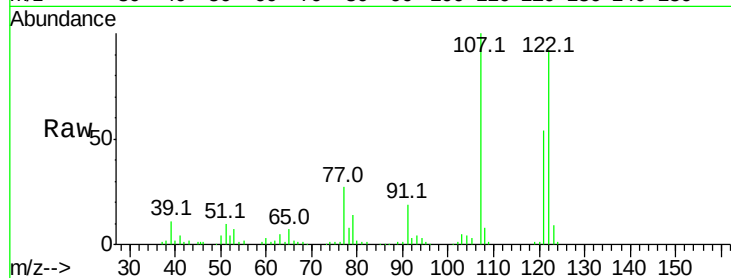
Tot Ion:122 Resp: 164981

Ion Ratio Lower Upper

122 100

107 109.1 89.2 133.8

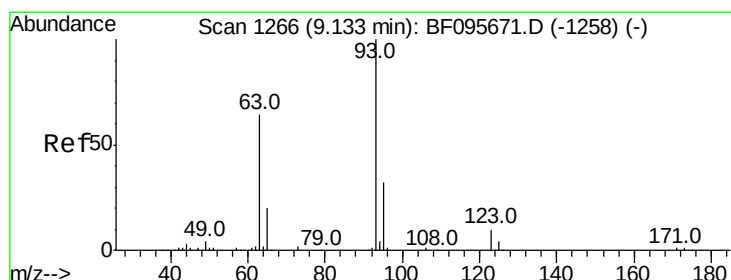
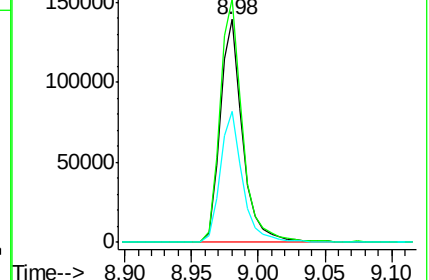
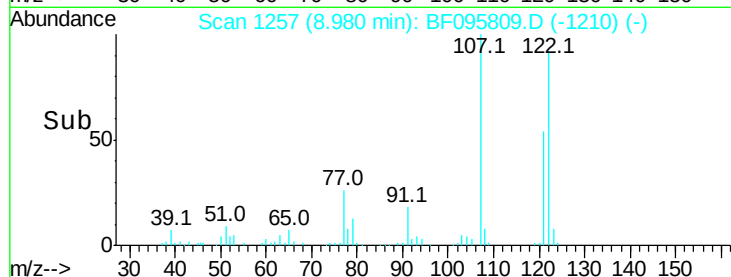
121 58.7 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.22 ng

RT: 9.10 min Scan# 1278

Delta R.T. -0.03 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

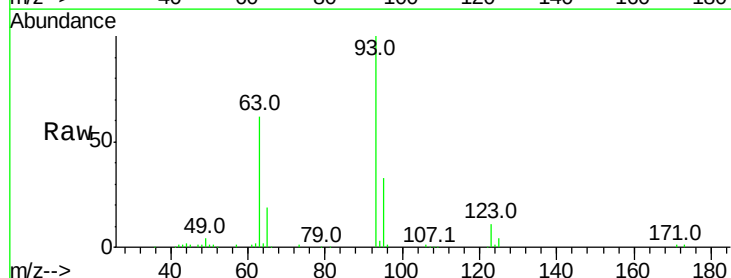
Tgt Ion: 93 Resp: 231755

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

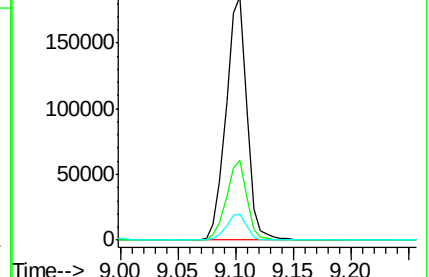
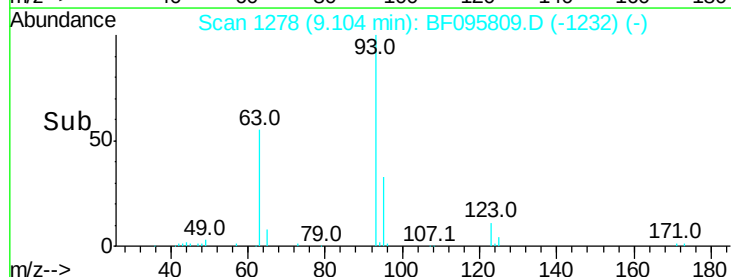
123 10.9 9.0 13.4

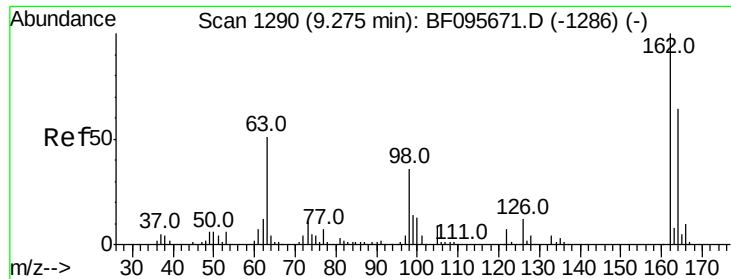


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

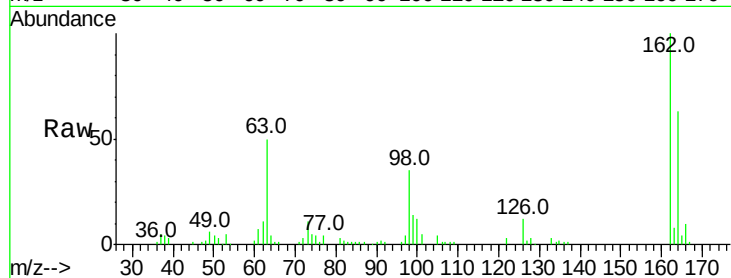




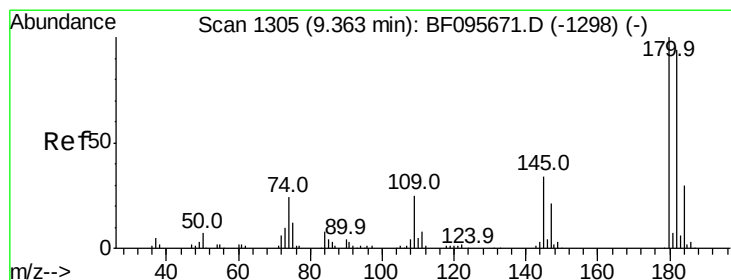
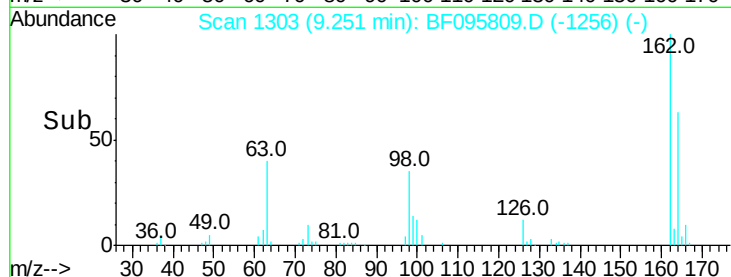
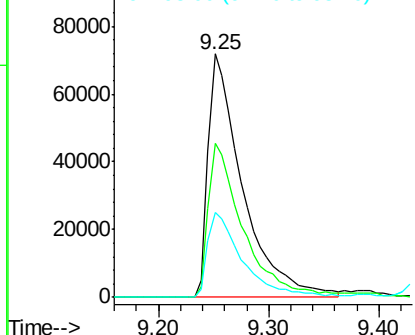
#29
 2,4-Dichlorophenol
 Concen: 40.43 ng
 RT: 9.25 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	34.9	14.8	54.8

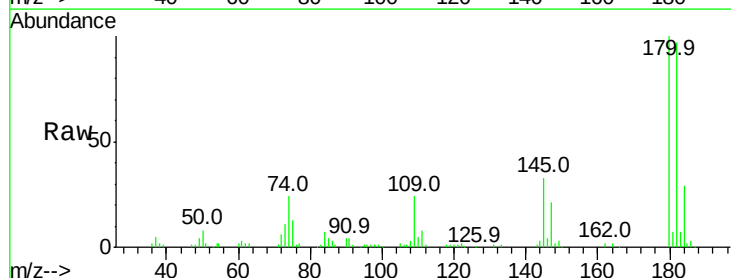


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

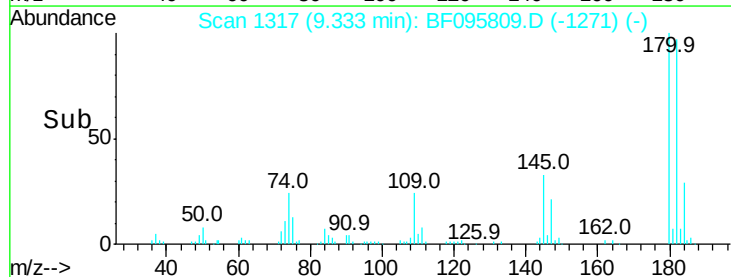
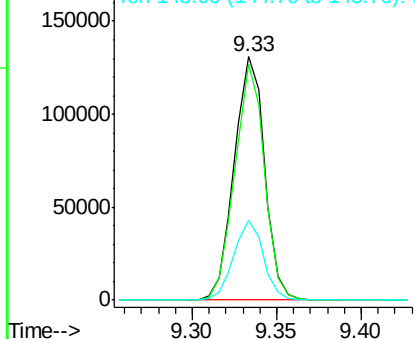


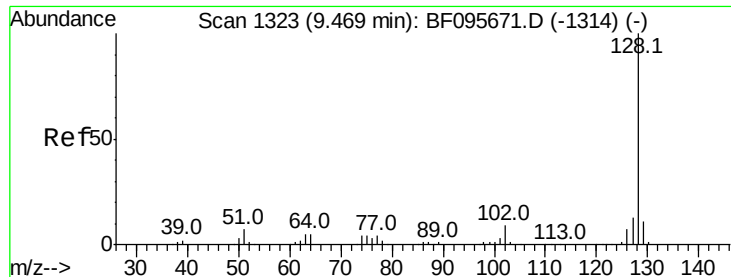
#30
 1,2,4-Trichlorobenzene
 Concen: 41.23 ng
 RT: 9.33 min Scan# 1317
 Delta R.T. -0.03 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.8	113.6
145	32.7	25.3	37.9



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





#31

Naphthalene

Concen: 40.60 ng

RT: 9.44 min Scan# 1335

Delta R.T. -0.03 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

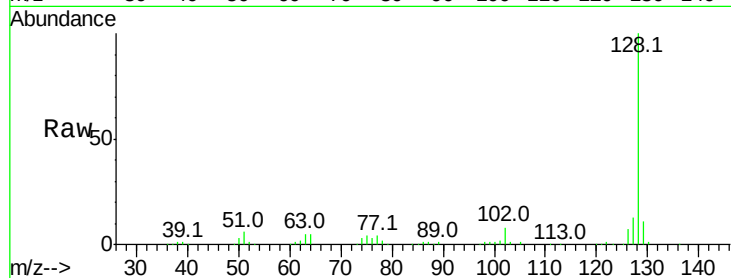
Tot Ion:128 Resp: 578118

Ion Ratio Lower Upper

128 100

129 10.5 9.0 13.6

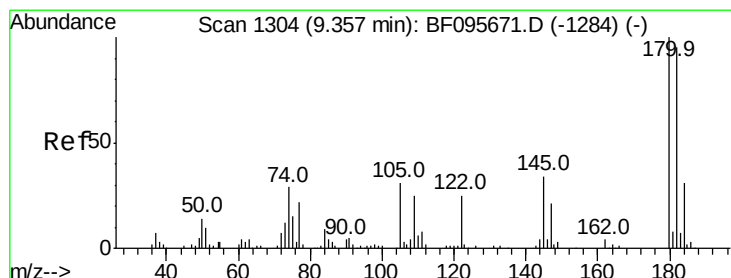
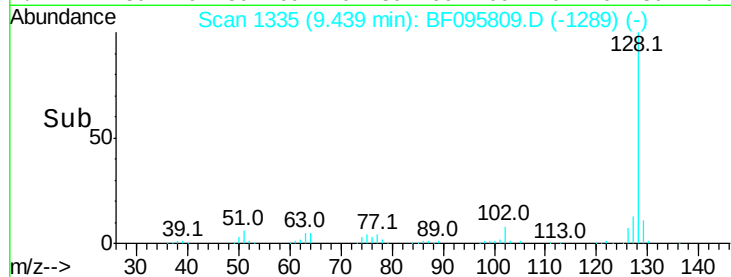
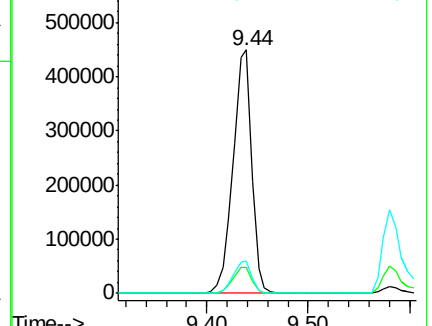
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.17 ng

RT: 9.32 min Scan# 1314

Delta R.T. -0.04 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

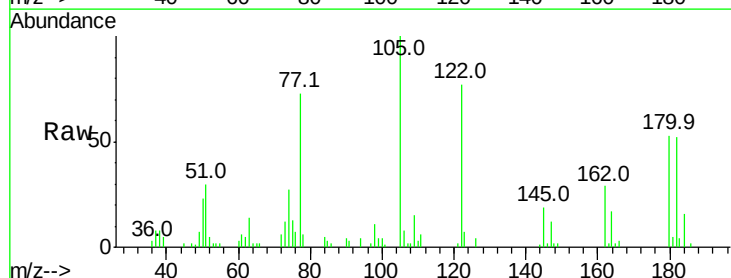
Tgt Ion:122 Resp: 58407

Ion Ratio Lower Upper

122 100

105 129.3 103.3 143.3

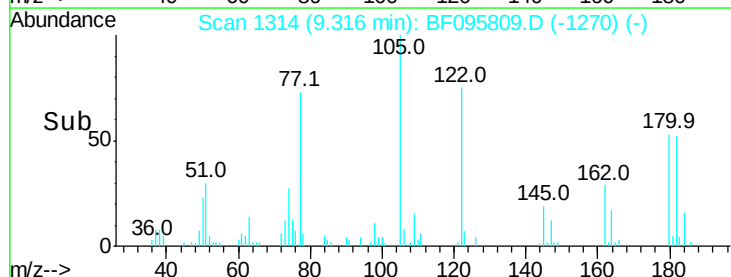
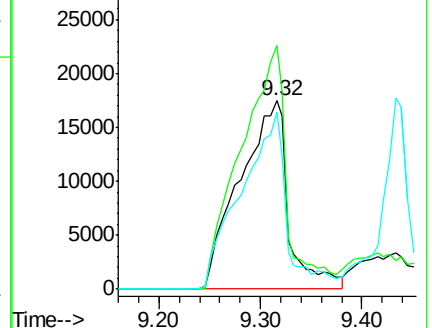
77 94.0 73.7 113.7

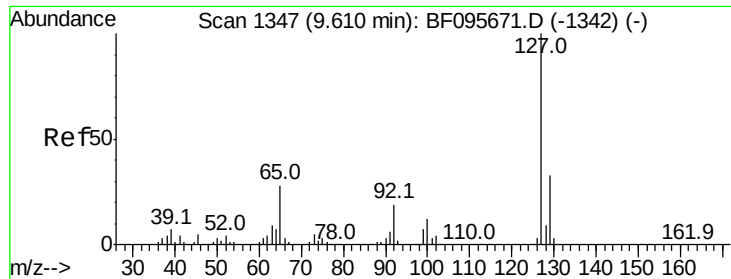


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

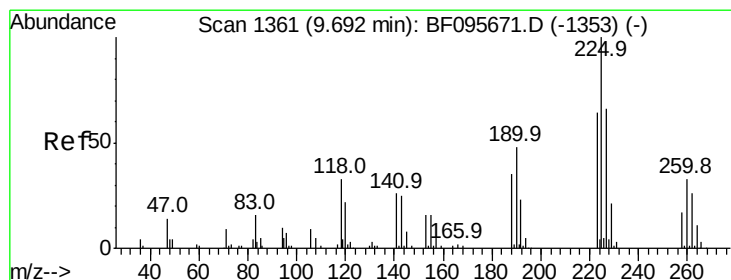
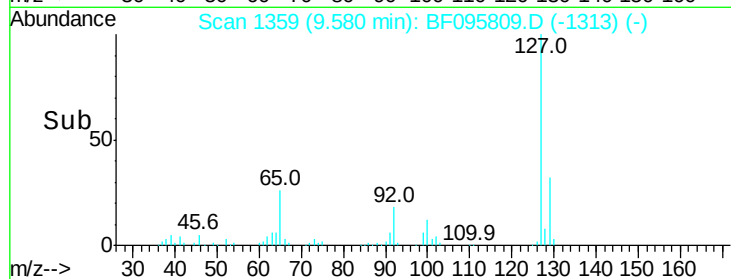
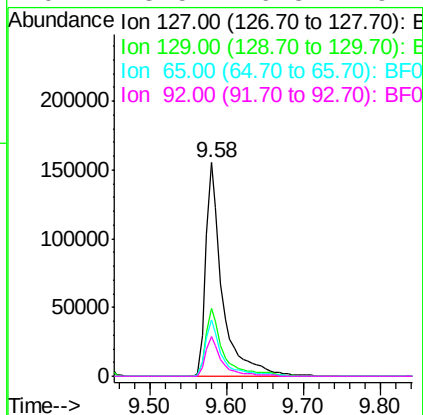
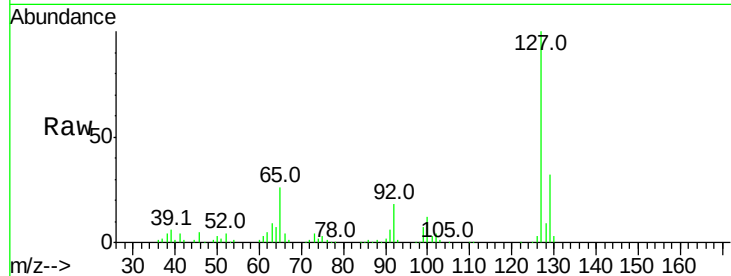




#33
4-Chloroaniline
Concen: 41.60 ng
RT: 9.58 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BF095809.D
Acq: 9 Jun 2017 5:50

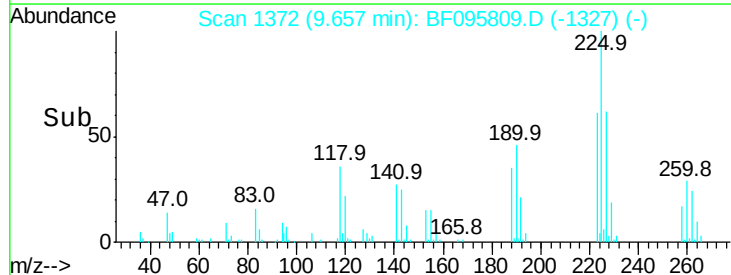
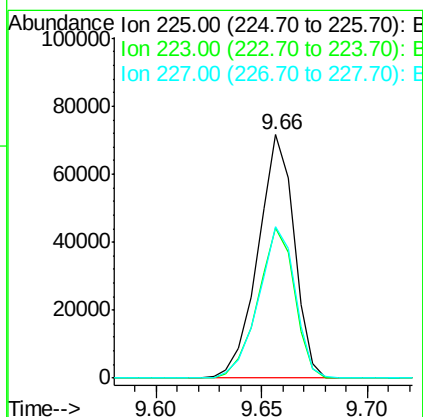
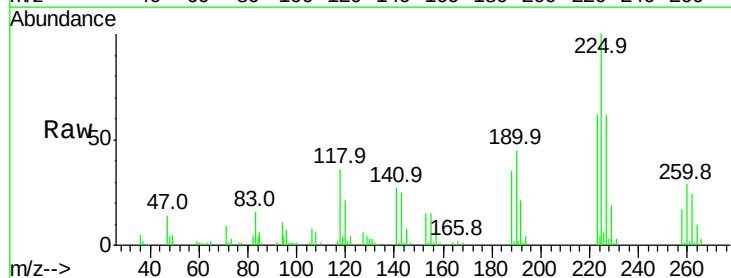
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

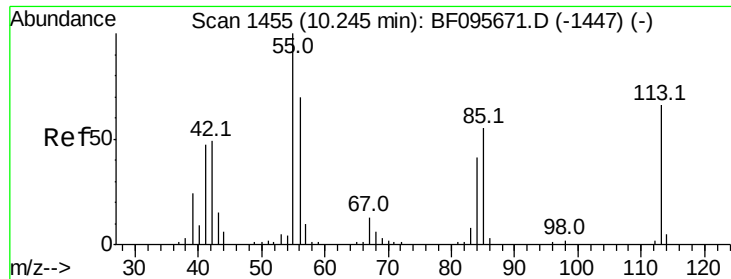
Tot Ion:	127	Resp:	231505
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.2
65	26.4	27.8	41.8#
92	18.5	16.8	25.2



#34
Hexachlorobutadiene
Concen: 41.53 ng
RT: 9.66 min Scan# 1372
Delta R.T. -0.04 min
Lab File: BF095809.D
Acq: 9 Jun 2017 5:50

Tgt Ion:	225	Resp:	85277
Ion	Ratio	Lower	Upper
225	100		
223	61.6	48.8	73.2
227	62.0	51.1	76.7

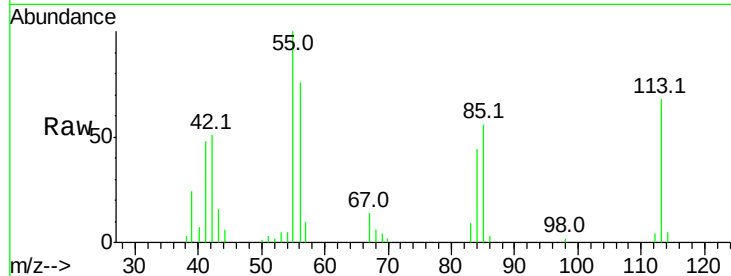




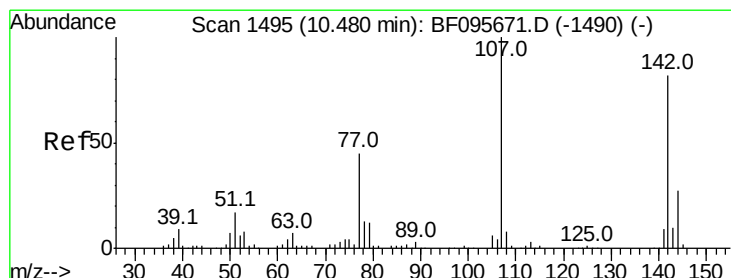
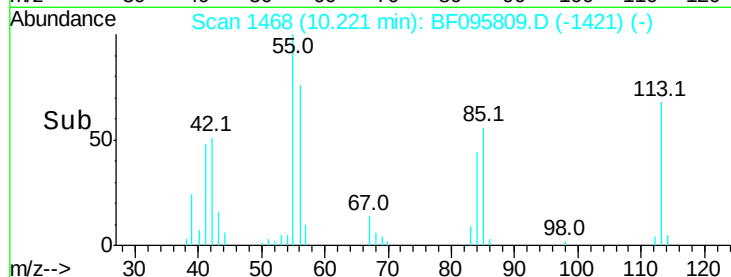
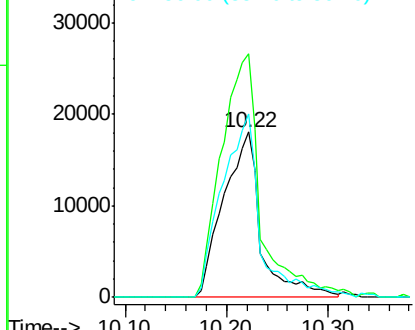
#35
 Caprolactam
 Concen: 40.81 ng
 RT: 10.22 min Scan# 1468
 Delta R.T. -0.02 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 46381
 Ion Ratio Lower Upper
 113 100
 55 147.6 150.2 190.2#
 56 111.5 107.8 147.8

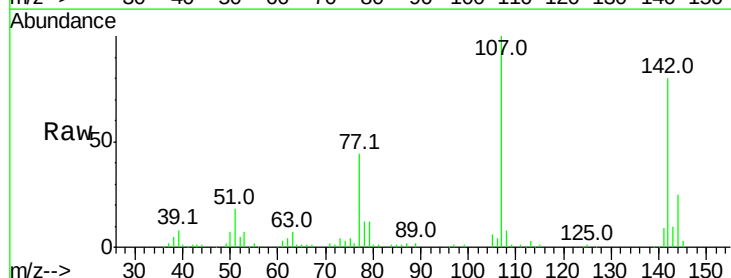


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

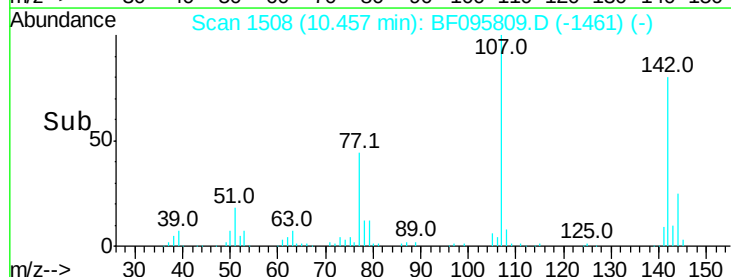
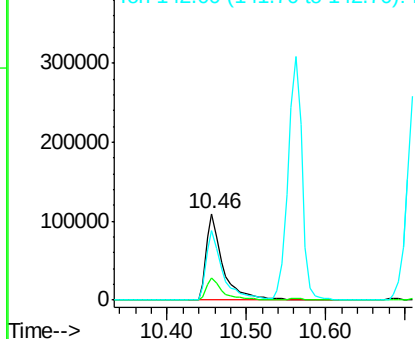


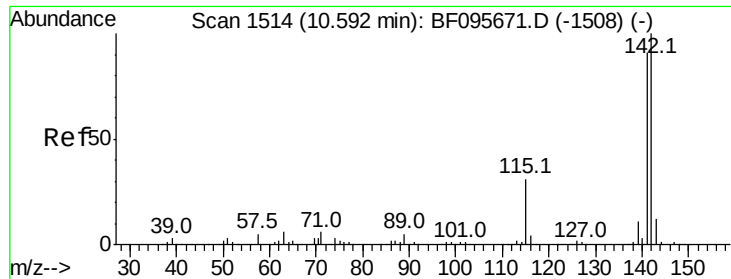
#36
 4-Chloro-3-methylphenol
 Concen: 40.08 ng
 RT: 10.46 min Scan# 1508
 Delta R.T. -0.02 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

Tgt Ion:107 Resp: 160228
 Ion Ratio Lower Upper
 107 100
 144 25.1 24.2 36.4
 142 79.7 73.4 110.0



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

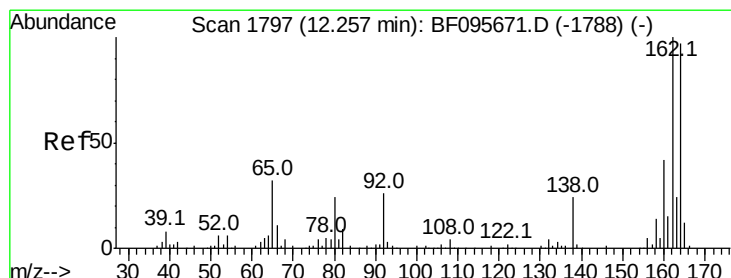
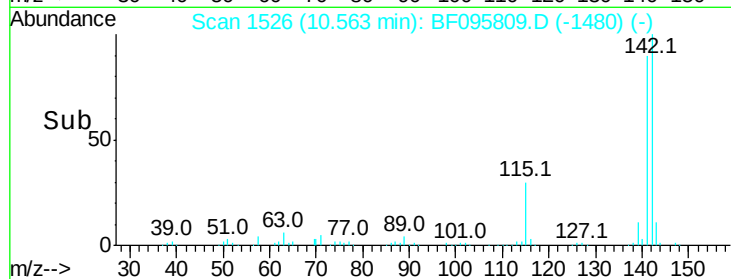
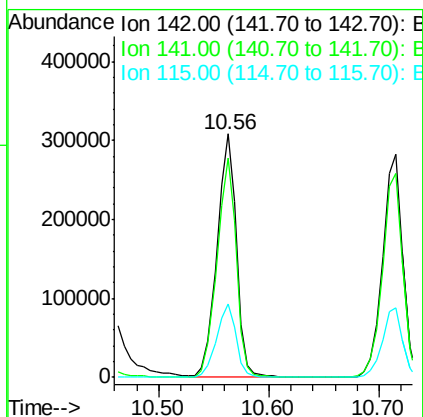
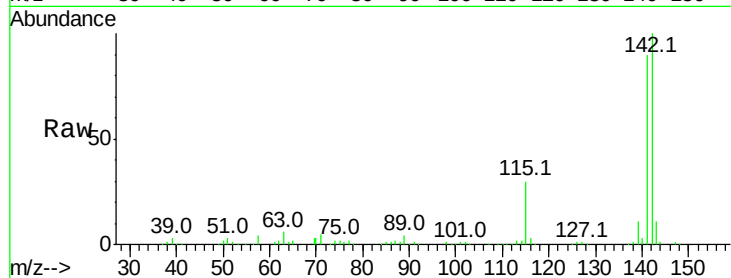




#37
 2-Methylnaphthalene
 Concen: 39.23 ng
 RT: 10.56 min Scan# 1526
 Delta R.T. -0.03 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

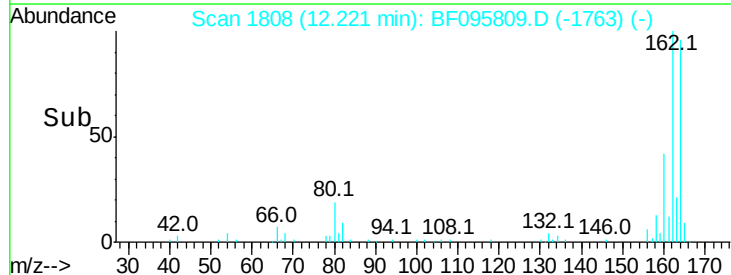
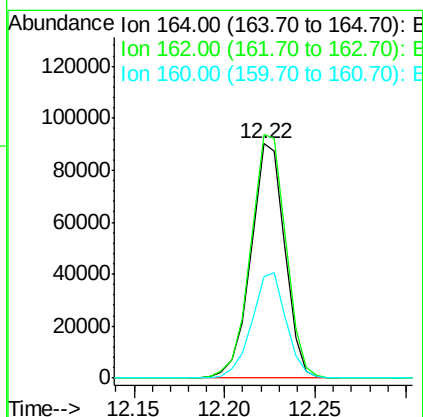
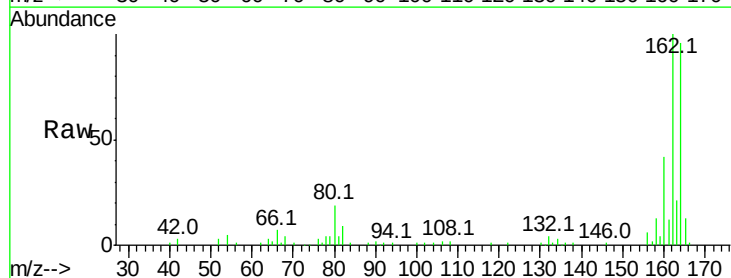
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

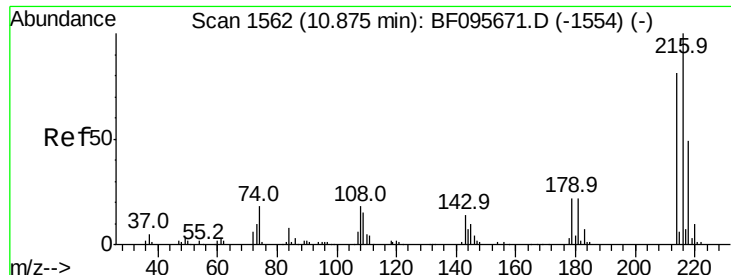
Tot Ion:142 Resp: 377364
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.3 106.9
 115 30.2 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.22 min Scan# 1808
 Delta R.T. -0.04 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

Tgt Ion:164 Resp: 117154
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.6 123.8
 160 43.5 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.36 ng

RT: 10.84 min Scan# 1574

Delta R.T. -0.03 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 148527

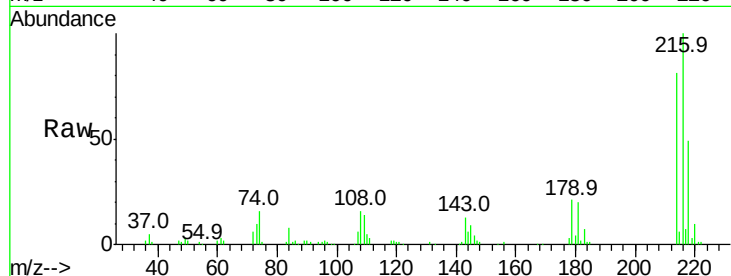
Ion Ratio Lower Upper

216 100

214 81.0 63.4 95.2

179 21.7 17.9 26.9

108 17.7 16.5 24.7

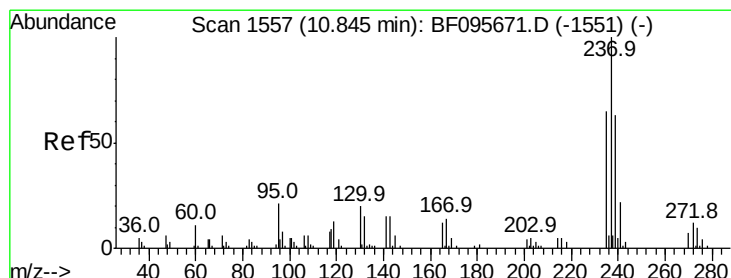
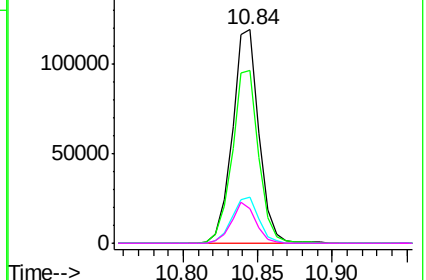
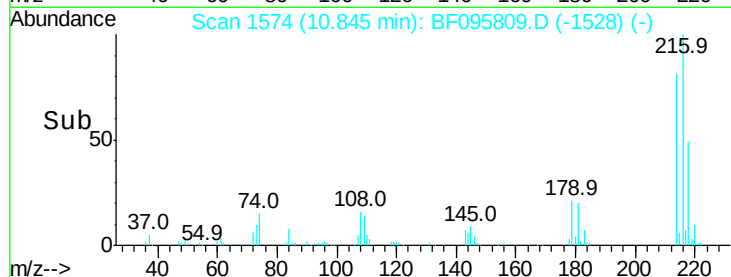


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 13.60 ng

RT: 10.82 min Scan# 1569

Delta R.T. -0.03 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

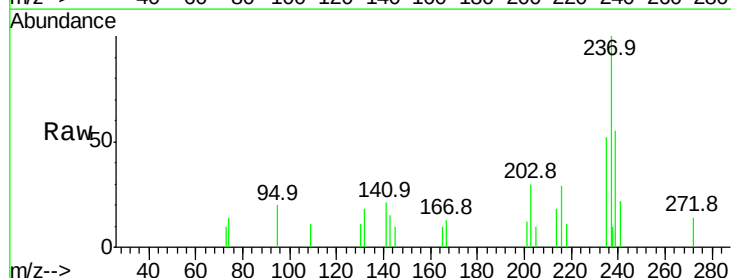
Tgt Ion:237 Resp: 3012

Ion Ratio Lower Upper

237 100

235 52.1 42.6 82.6

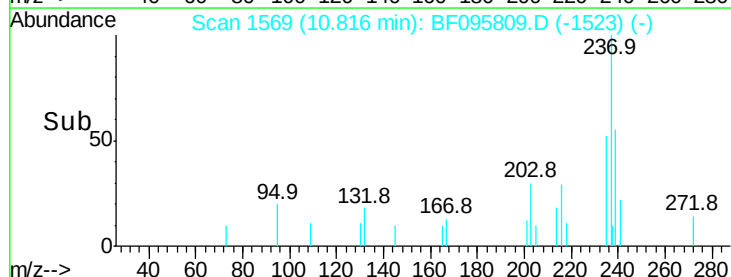
272 13.5 0.0 31.9



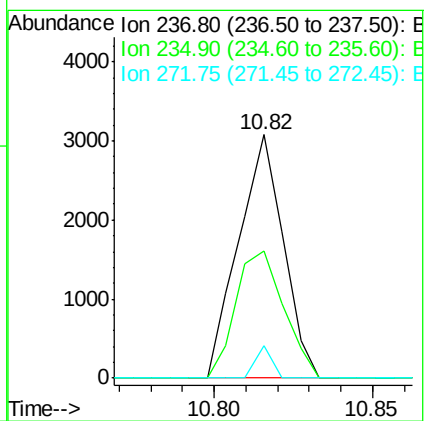
Abundance Ion 236.80 (236.50 to 237.50): E

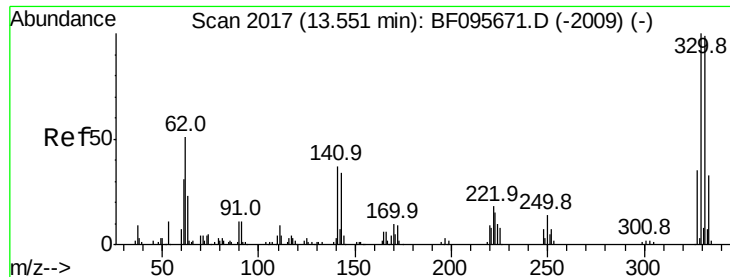
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->





#41

2,4,6-Tribromophenol

Concen: 76.06 ng

RT: 13.52 min Scan# 2029

Delta R.T. -0.03 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

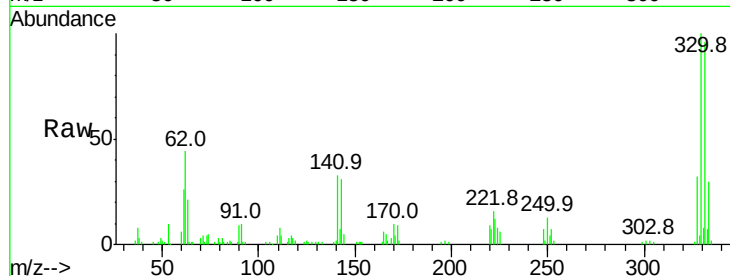
Tot Ion:330 Resp: 78838

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

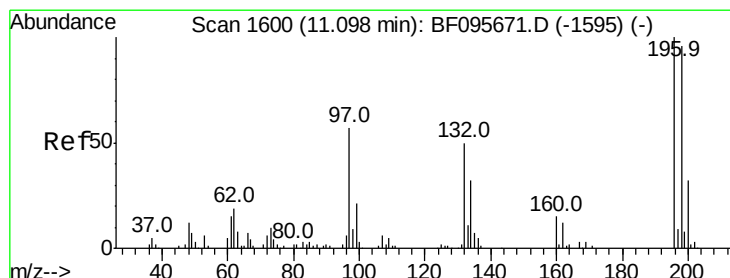
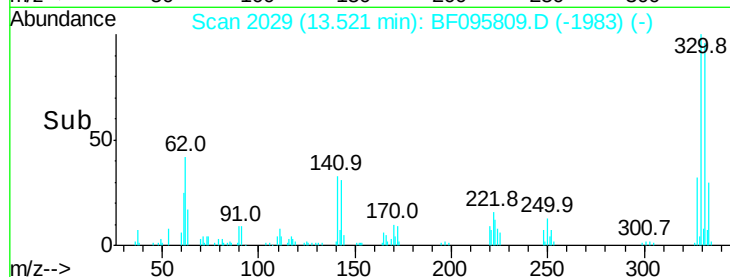
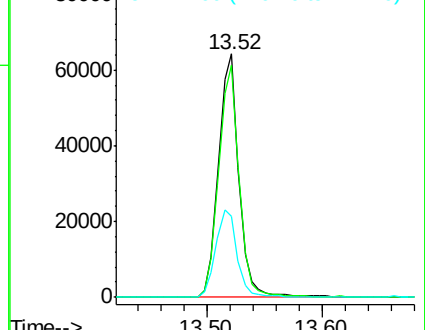
141 37.4 31.4 47.2



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: 43.14 ng

RT: 11.07 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

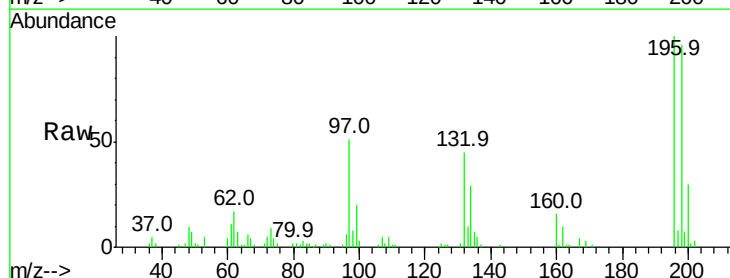
Tgt Ion:196 Resp: 97243

Ion Ratio Lower Upper

196 100

198 95.9 74.2 111.4

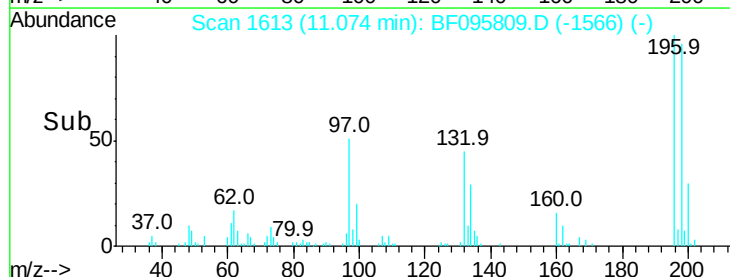
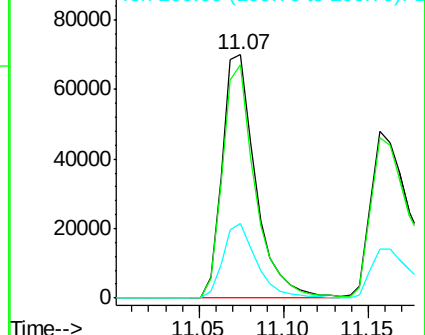
200 30.5 24.0 36.0

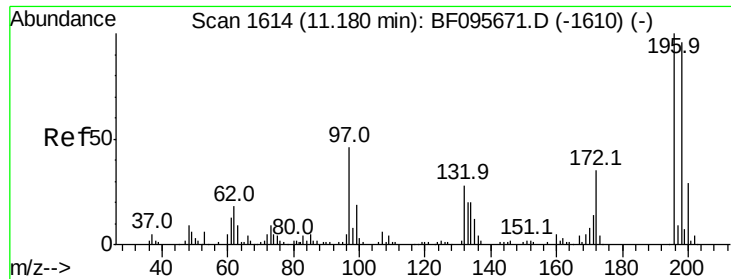


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

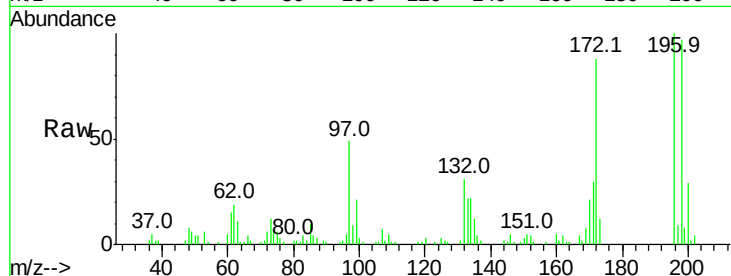




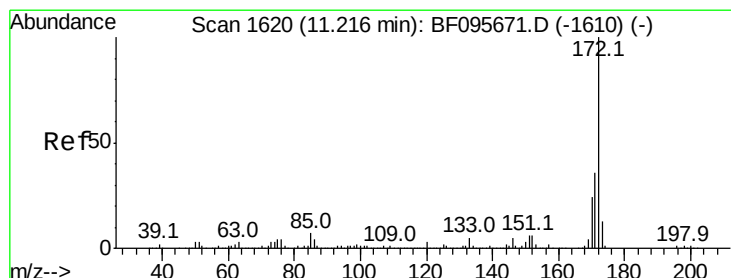
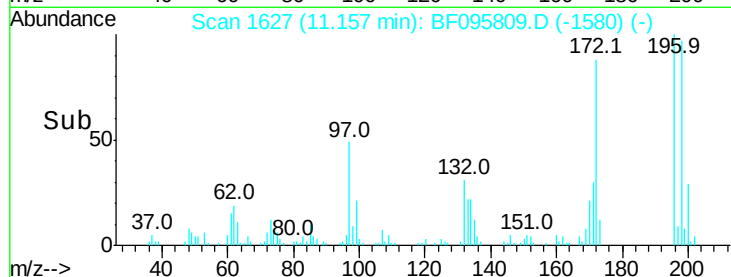
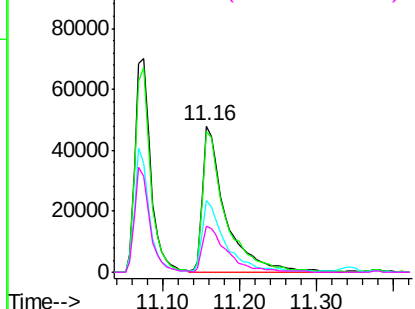
#43
 2,4,5-Trichlorophenol
 Concen: 41.81 ng
 RT: 11.16 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 100265
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.7 113.5
 97 48.7 47.7 71.5
 132 31.2 28.0 42.0

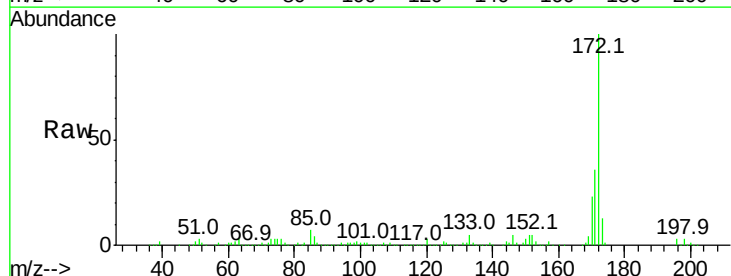


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

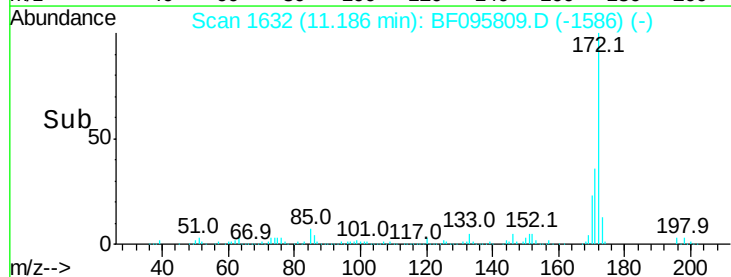
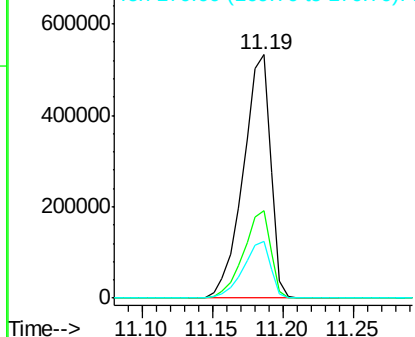


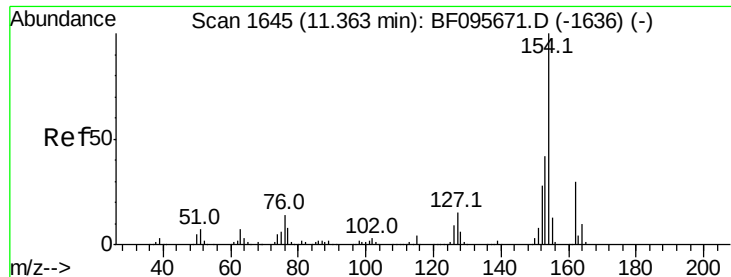
#44
 2-Fluorobiphenyl
 Concen: 86.06 ng
 RT: 11.19 min Scan# 1632
 Delta R.T. -0.03 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

Tgt Ion:172 Resp: 724516
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.3 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 43.25 ng

RT: 11.33 min Scan# 1657

Delta R.T. -0.03 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

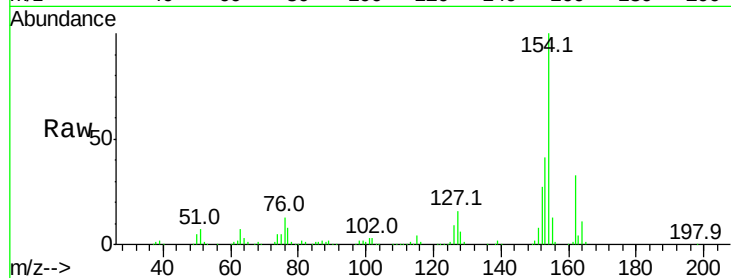
Tot Ion:154 Resp: 417649

Ion Ratio Lower Upper

154 100

153 40.7 21.2 61.2

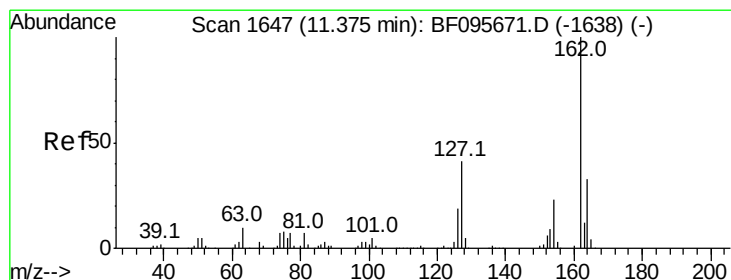
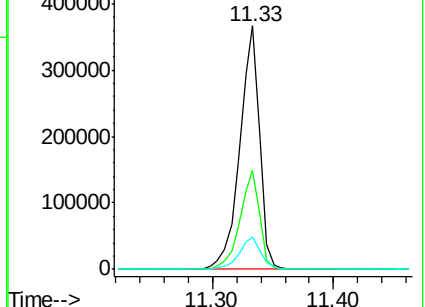
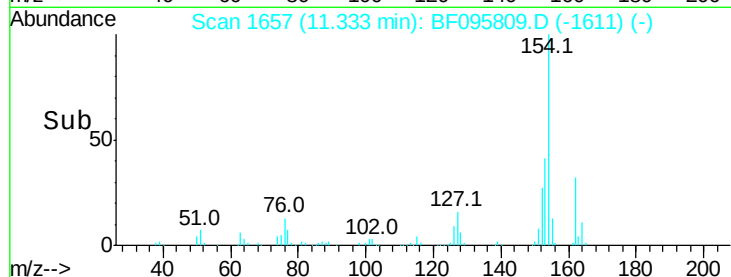
76 13.3 0.0 29.9



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: 42.27 ng

RT: 11.34 min Scan# 1659

Delta R.T. -0.03 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

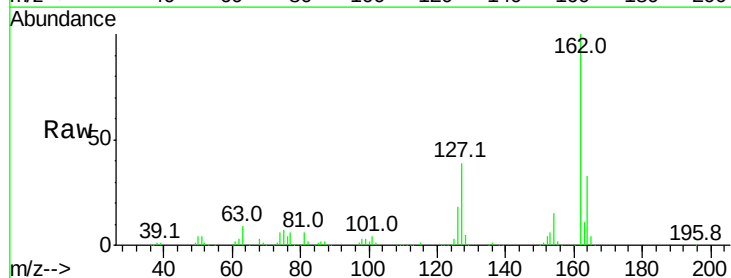
Tgt Ion:162 Resp: 318877

Ion Ratio Lower Upper

162 100

127 39.4 28.3 42.5

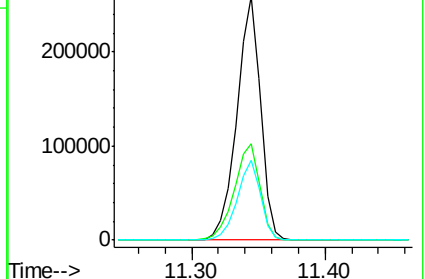
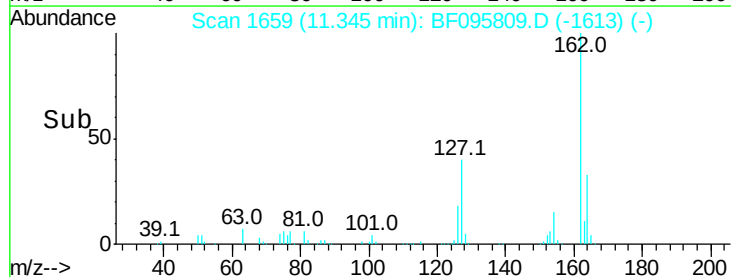
164 32.8 27.0 40.4

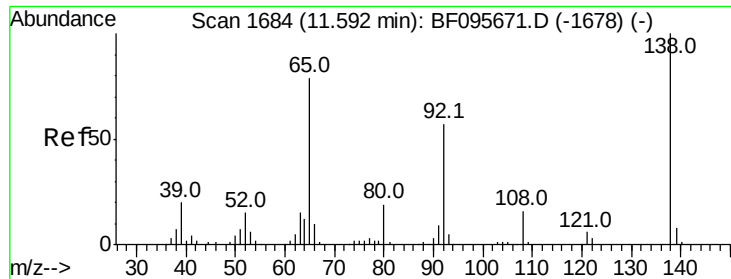


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

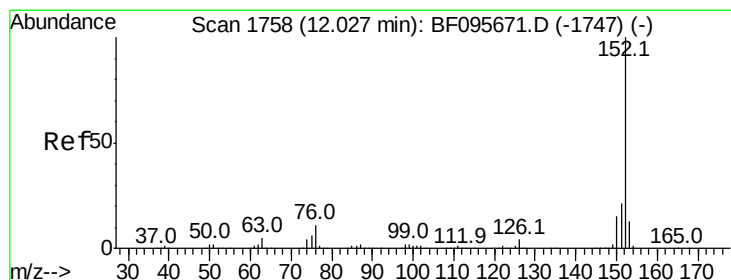
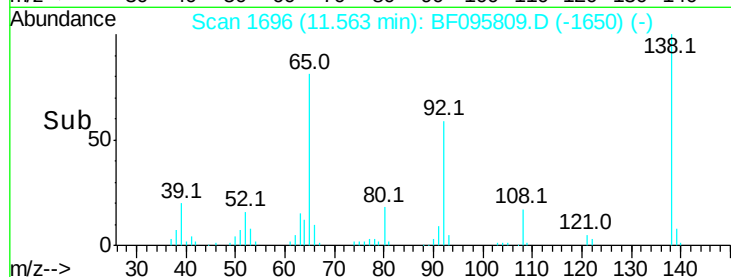
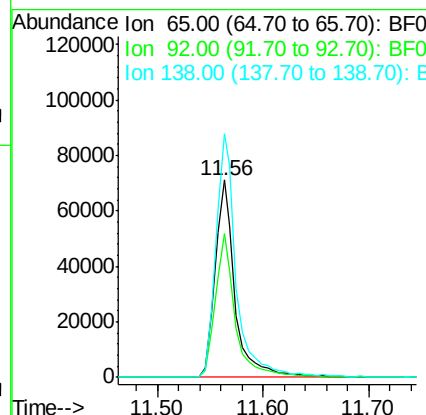
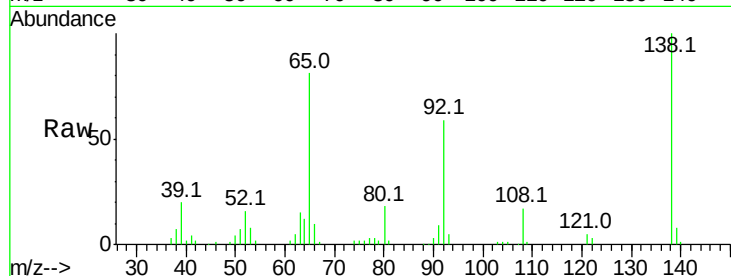




#47
 2-Nitroaniline
 Concen: 42.71 ng
 RT: 11.56 min Scan# 1696
 Delta R.T. -0.03 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

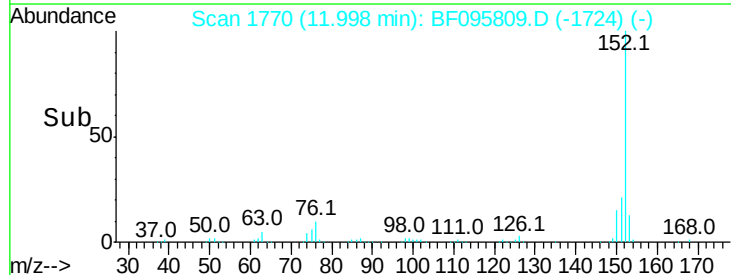
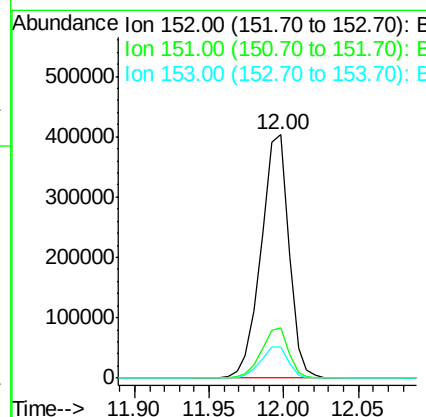
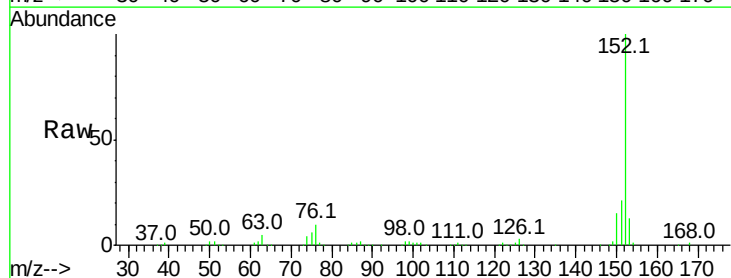
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

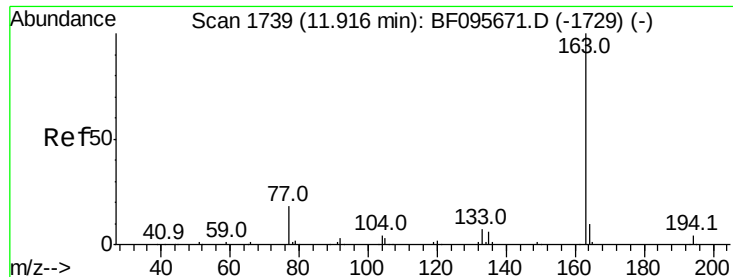
Tot Ion: 65 Resp: 94286
 Ion Ratio Lower Upper
 65 100
 92 73.1 53.9 80.9
 138 123.6 78.8 118.2#



#48
 Acenaphthylene
 Concen: 40.24 ng
 RT: 12.00 min Scan# 1770
 Delta R.T. -0.03 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

Tgt Ion: 152 Resp: 519138
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 12.7 10.8 16.2





#49

Dimethylphthalate

Concen: 42.20 ng

RT: 11.89 min Scan# 1751

Delta R.T. -0.03 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

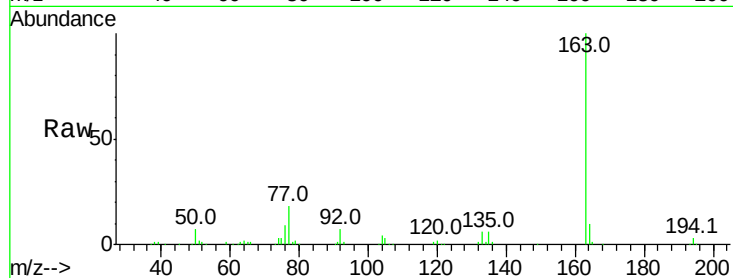
Tot Ion:163 Resp: 375402

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

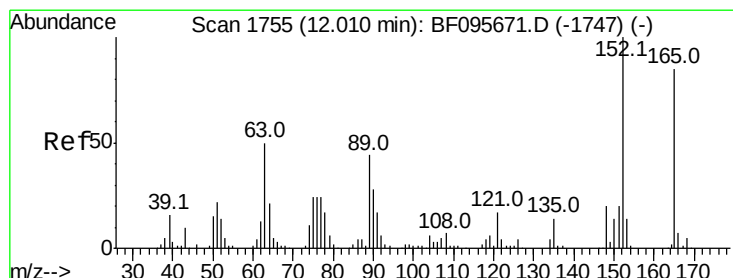
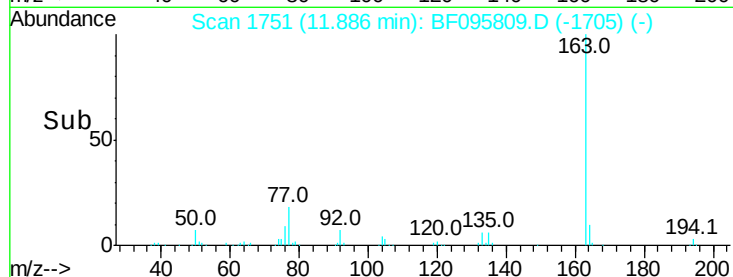
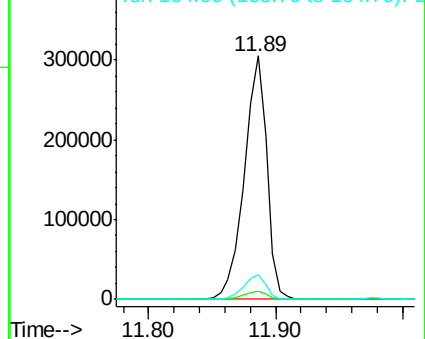
164 10.1 8.4 12.6



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: 40.06 ng

RT: 11.98 min Scan# 1767

Delta R.T. -0.03 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

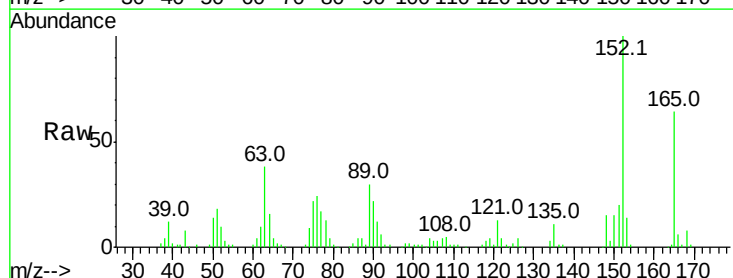
Tgt Ion:165 Resp: 77728

Ion Ratio Lower Upper

165 100

63 59.4 34.3 51.5#

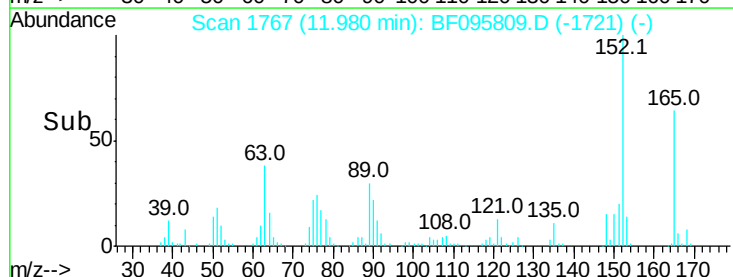
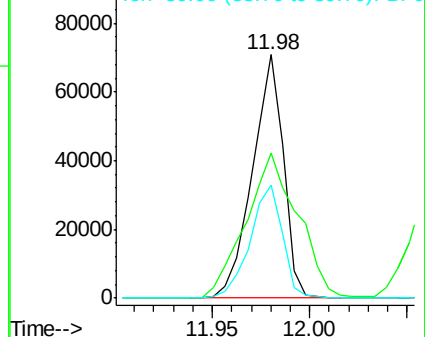
89 46.3 37.1 55.7

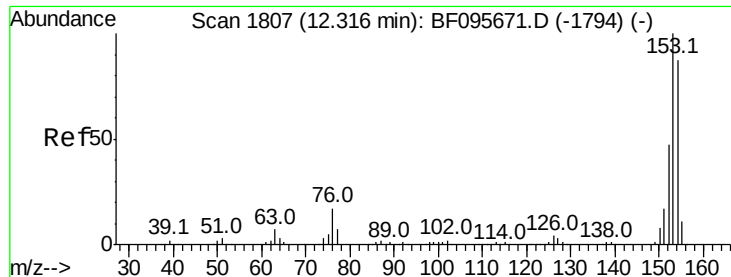


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.69 ng

RT: 12.28 min Scan# 1818

Delta R.T. -0.04 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

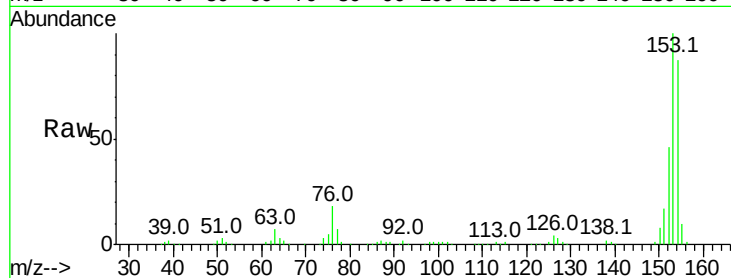
Tot Ion:154 Resp: 303184

Ion Ratio Lower Upper

154 100

153 115.3 90.5 135.7

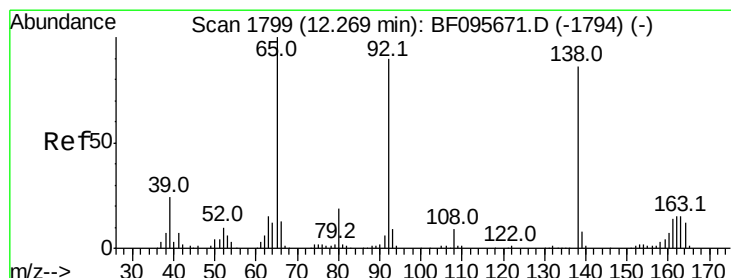
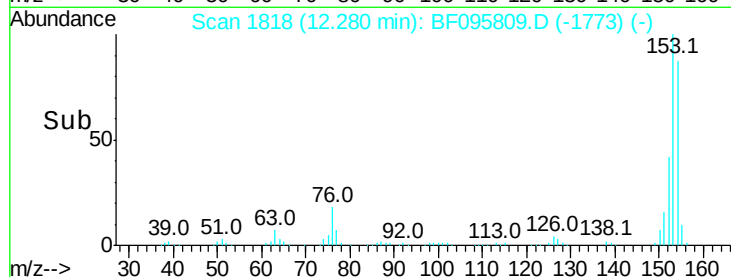
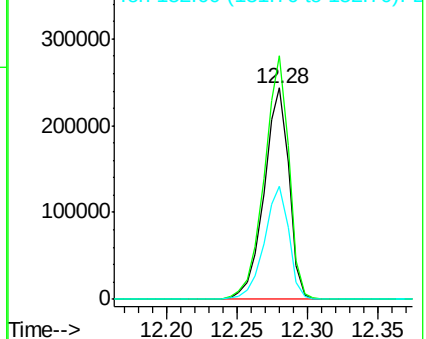
152 53.6 43.6 65.4



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: 42.95 ng

RT: 12.24 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

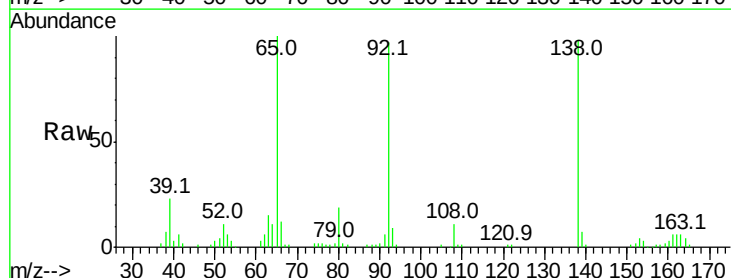
Tgt Ion:138 Resp: 97083

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

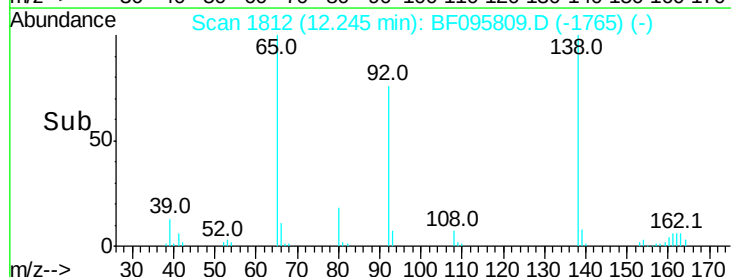
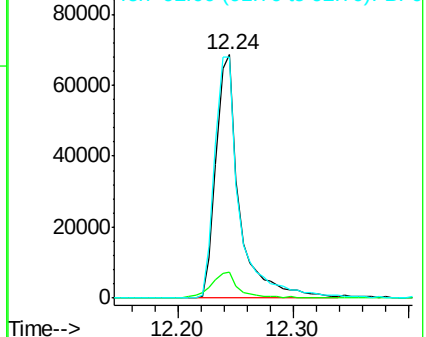
92 99.0 93.8 140.6

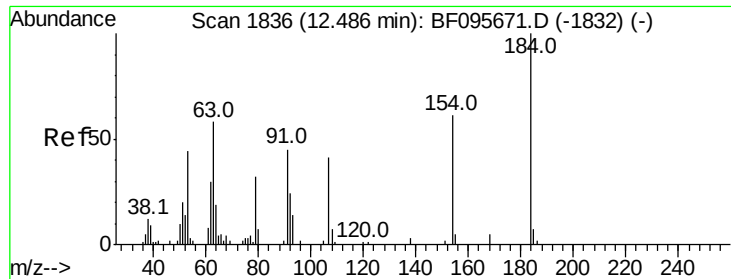


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

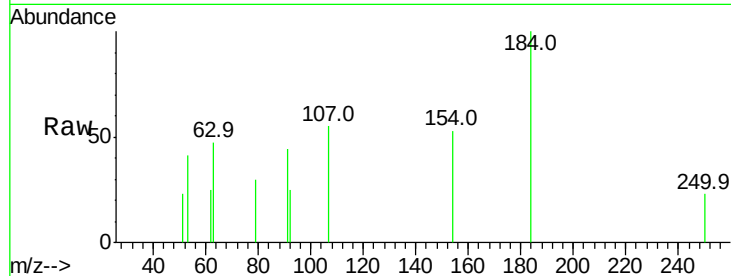




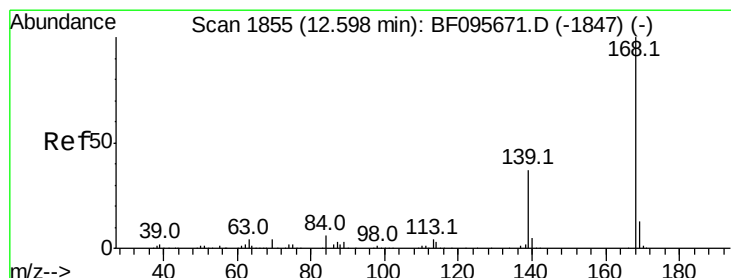
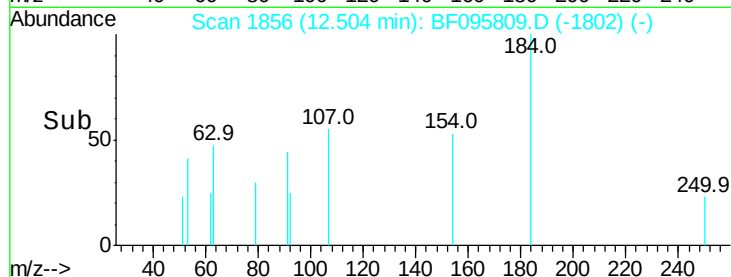
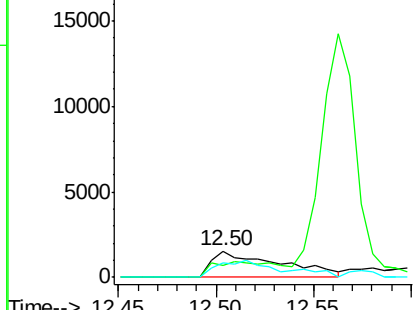
#53
2,4-Dinitrophenol
Concen: 9.54 ng
RT: 12.50 min Scan# 1856
Delta R.T. 0.02 min
Lab File: BF095809.D
Acq: 9 Jun 2017 5:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 3661
Ion Ratio Lower Upper
184 100
63 46.8 62.7 94.1#
154 53.3 81.1 121.7#

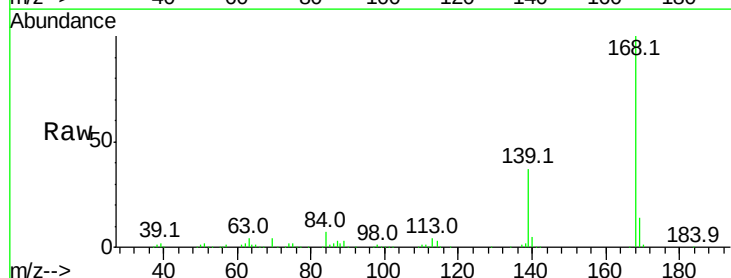


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

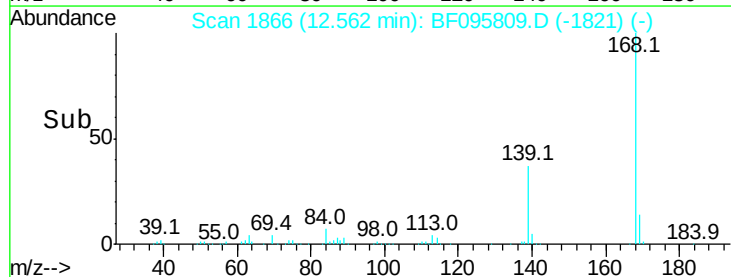
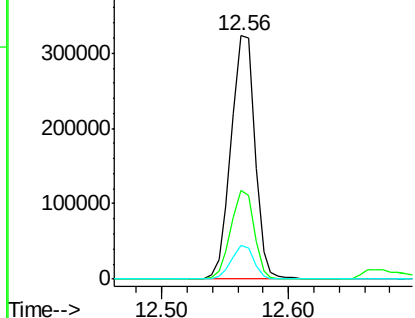


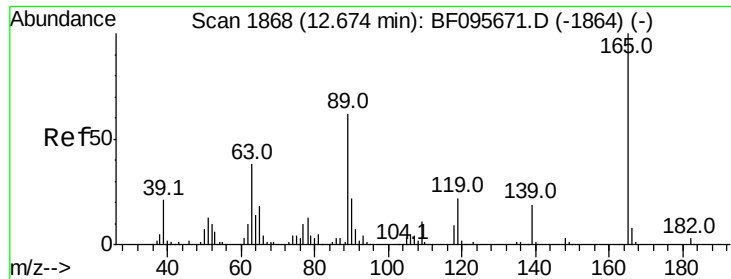
#54
Dibenzofuran
Concen: 40.15 ng
RT: 12.56 min Scan# 1866
Delta R.T. -0.04 min
Lab File: BF095809.D
Acq: 9 Jun 2017 5:50

Tgt Ion:168 Resp: 420983
Ion Ratio Lower Upper
168 100
139 36.5 30.6 45.8
169 13.7 10.8 16.2



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

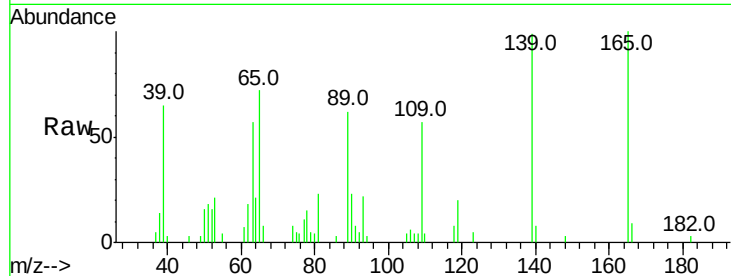




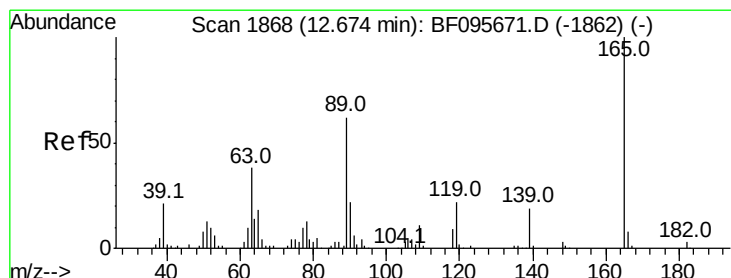
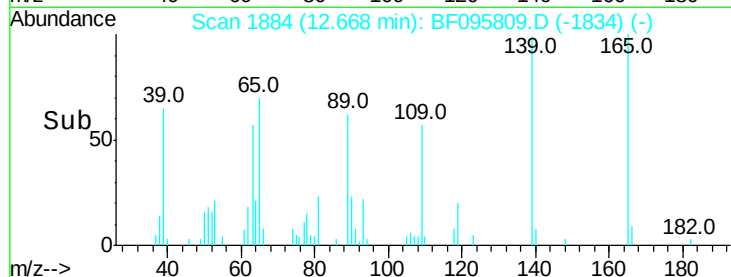
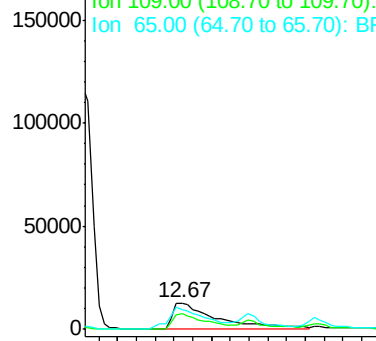
#55
4-Nitrophenol
Concen: 35.44 ng
RT: 12.67 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BF095809.D
Acq: 9 Jun 2017 5:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 43163
Ion Ratio Lower Upper
139 100
109 58.0 34.1 74.1
65 73.1 31.4 71.4#

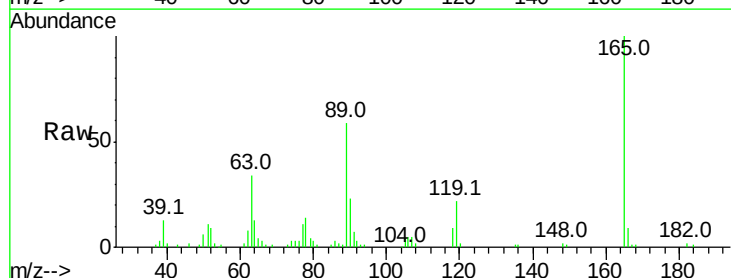


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

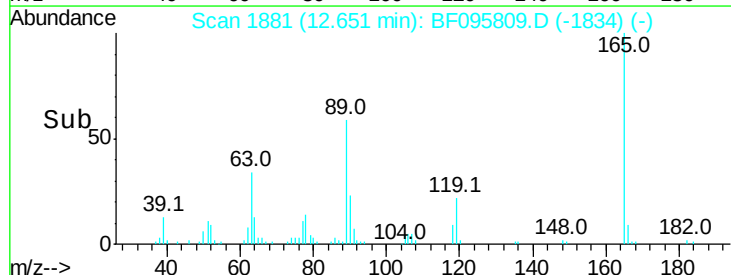
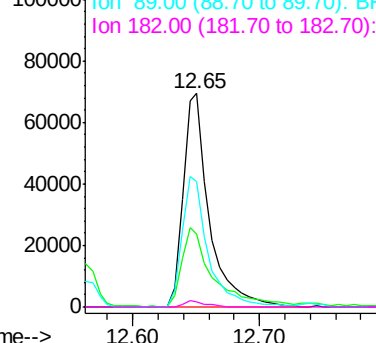


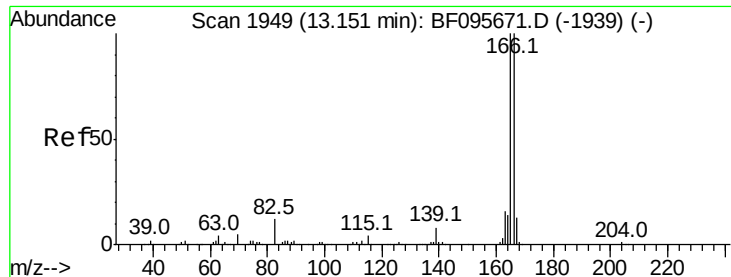
#56
2,4-Dinitrotoluene
Concen: 38.22 ng
RT: 12.65 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BF095809.D
Acq: 9 Jun 2017 5:50

Tgt Ion:165 Resp: 100165
Ion Ratio Lower Upper
165 100
63 34.2 25.4 38.0
89 58.7 46.4 69.6
182 2.3 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.20 ng

RT: 13.12 min Scan# 1960

Delta R.T. -0.04 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

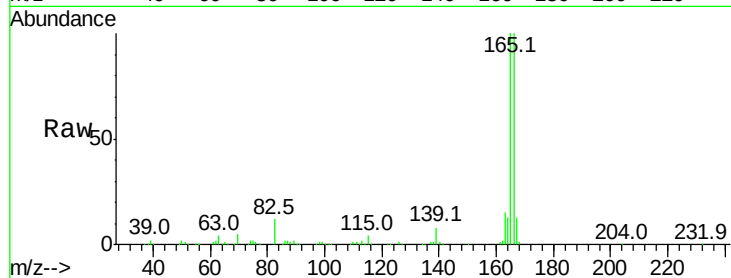
Tot Ion:166 Resp: 357766

Ion Ratio Lower Upper

166 100

165 99.9 78.8 118.2

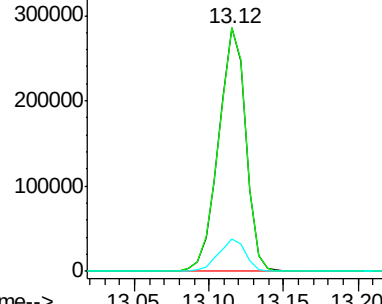
167 13.4 10.6 16.0



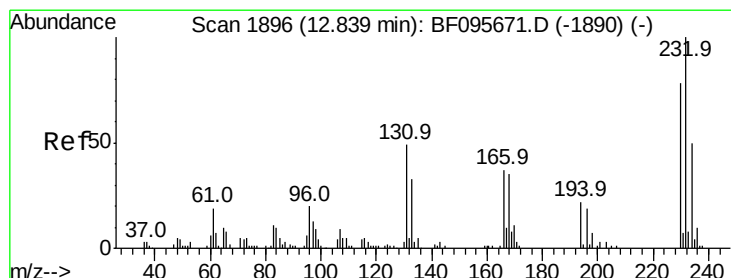
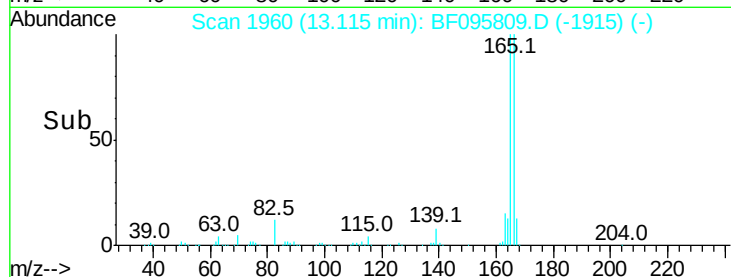
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.61 ng

RT: 12.81 min Scan# 1908

Delta R.T. -0.03 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

Tgt Ion:232 Resp: 61701

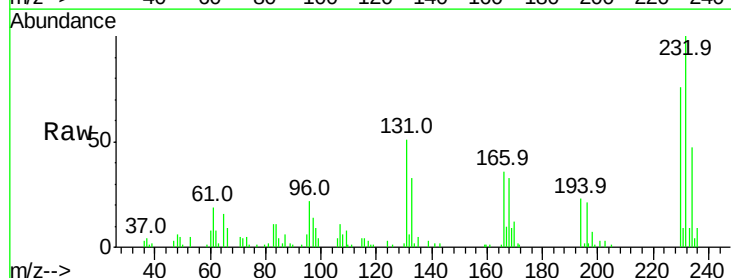
Ion Ratio Lower Upper

232 100

131 50.0 44.8 67.2

130 1.6 2.3 3.5#

166 35.3 29.0 43.4

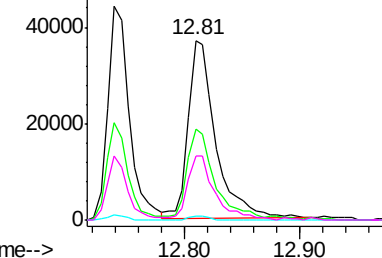


Abundance Ion 232.00 (231.70 to 232.70): E

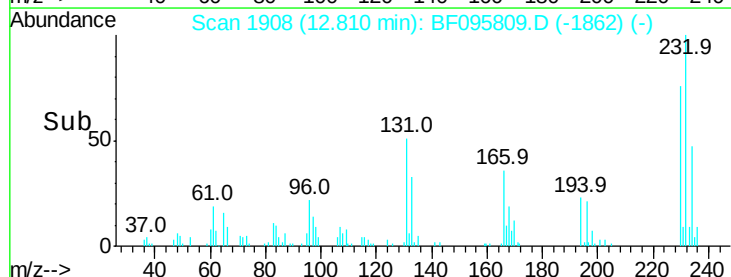
Ion 131.00 (130.70 to 131.70): E

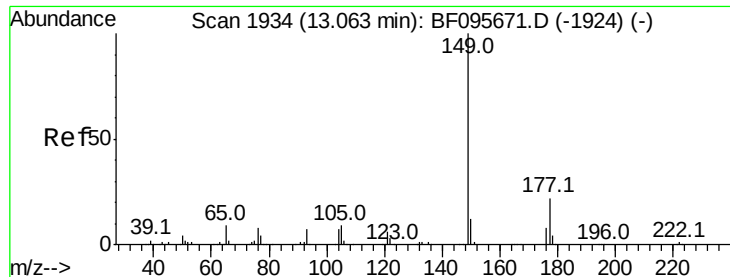
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->

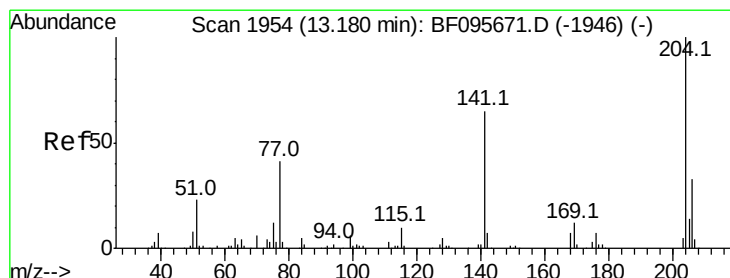
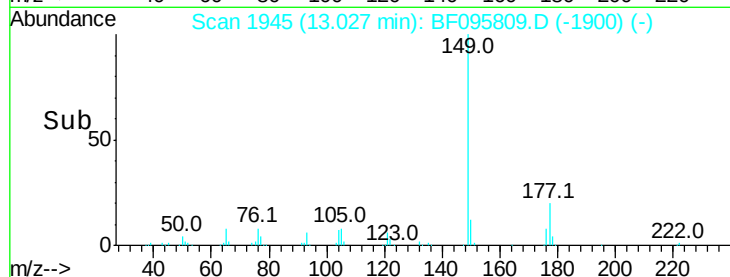
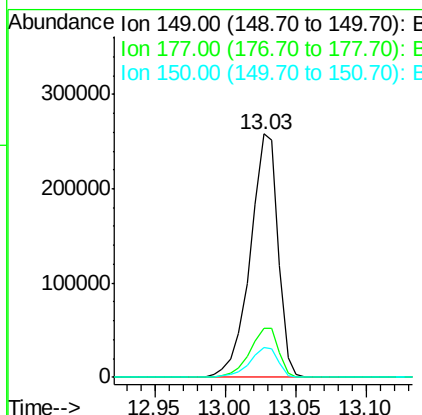
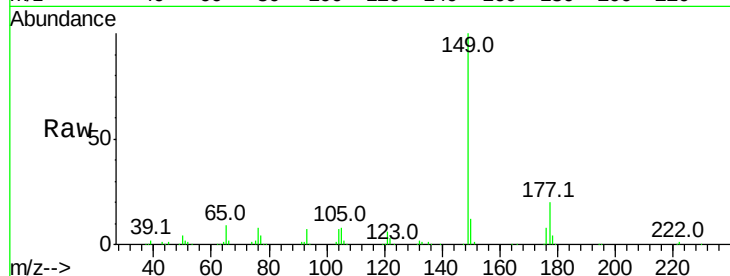




#59
 Diethylphthalate
 Concen: 41.90 ng
 RT: 13.03 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

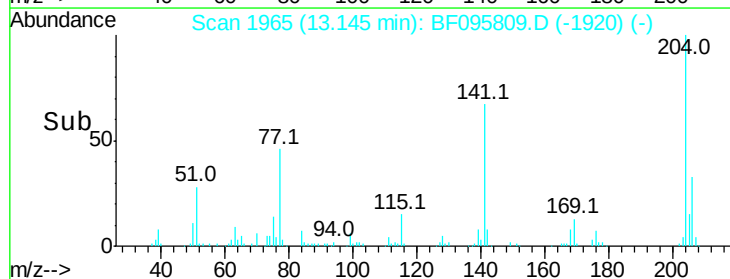
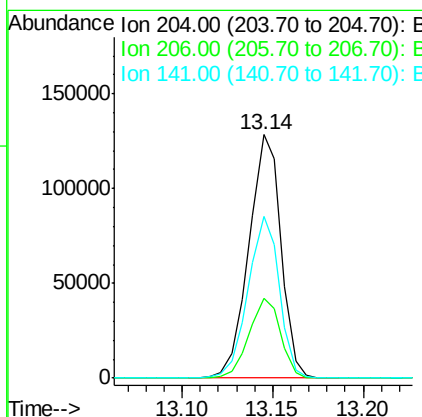
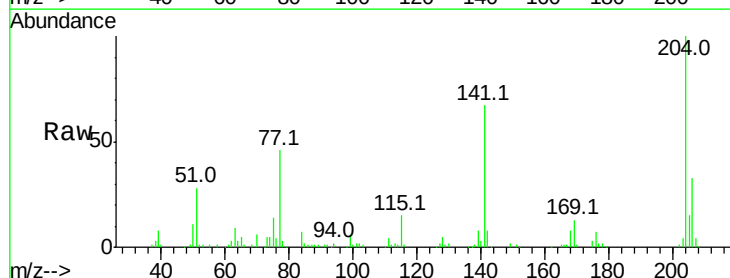
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

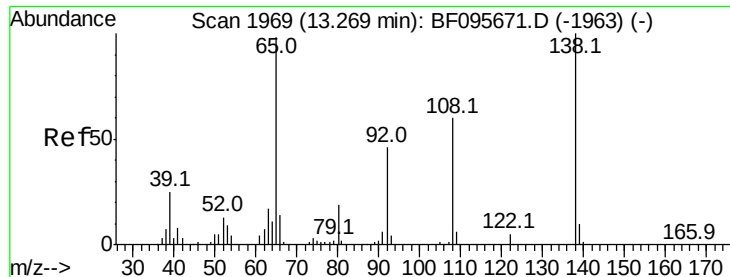
Tot Ion:149	Resp:	358700
Ion Ratio	Lower	Upper
149	100	
177	20.3	16.7 25.1
150	12.1	10.2 15.2



#60
 4-Chlorophenyl-phenylether
 Concen: 39.75 ng
 RT: 13.14 min Scan# 1965
 Delta R.T. -0.04 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

Tgt Ion:204	Resp:	157728
Ion Ratio	Lower	Upper
204	100	
206	32.7	26.2 39.2
141	66.6	60.8 91.2

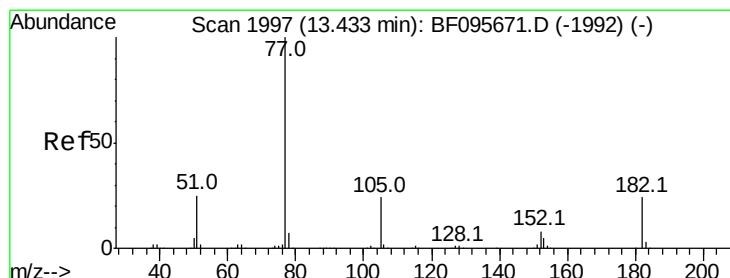
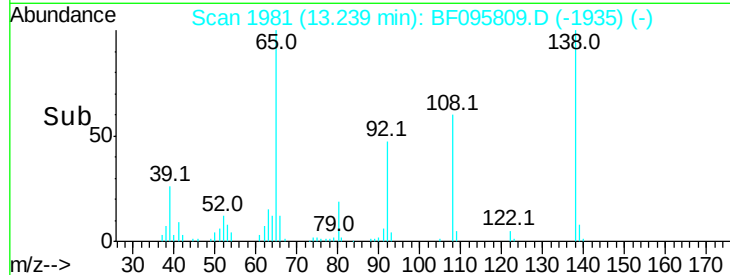
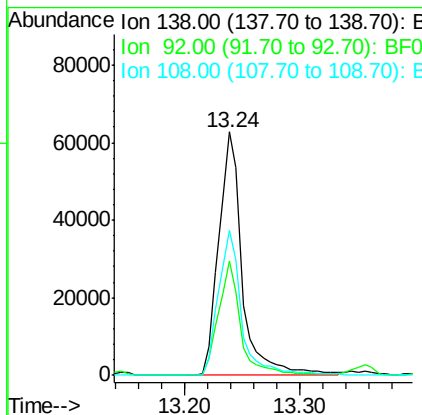
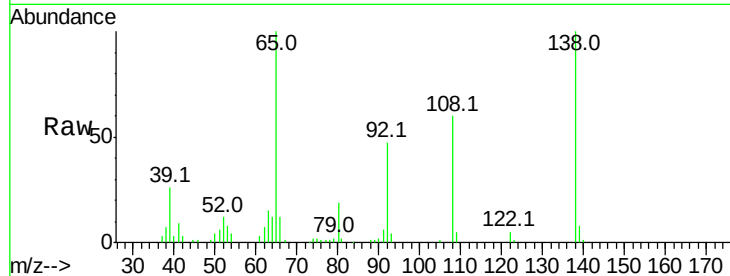




#61
 4-Nitroaniline
 Concen: 42.03 ng
 RT: 13.24 min Scan# 1981
 Delta R.T. -0.03 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

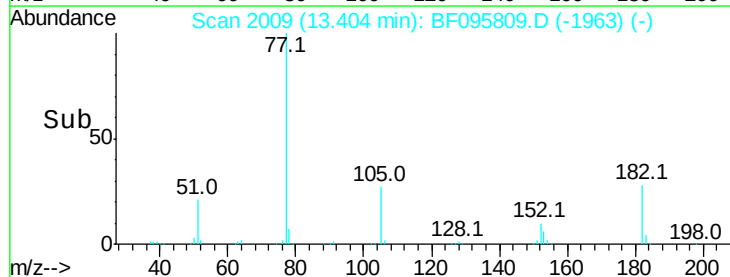
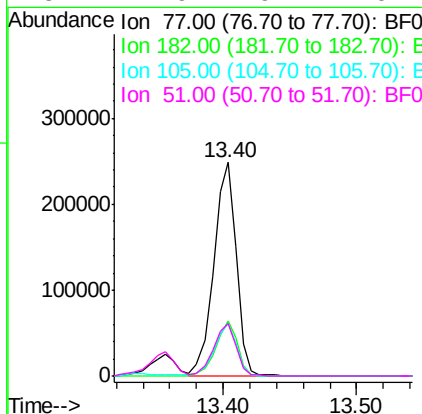
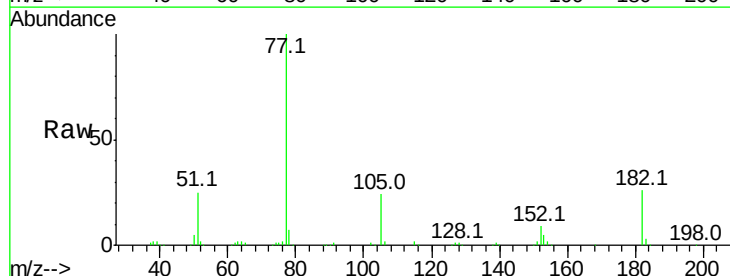
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

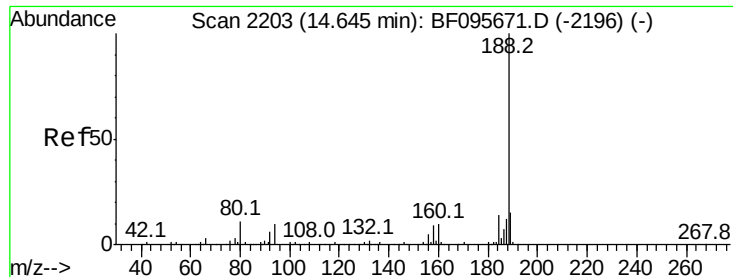
Tot Ion:	138	Resp:	88715
Ion	Ratio	Lower	Upper
138	100		
92	46.9	21.8	61.8
108	59.8	42.3	82.3



#62
 Azobenzene
 Concen: 38.05 ng
 RT: 13.40 min Scan# 2009
 Delta R.T. -0.03 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

Tgt Ion:	77	Resp:	295225
Ion	Ratio	Lower	Upper
77	100		
182	26.0	0.1	40.1
105	24.3	3.6	43.6
51	24.9	9.4	49.4

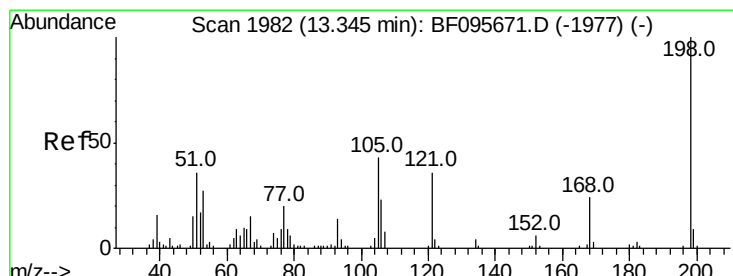
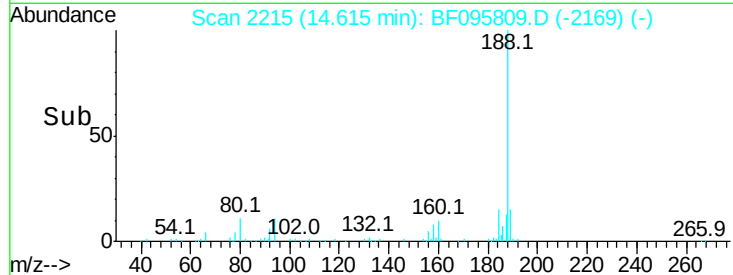
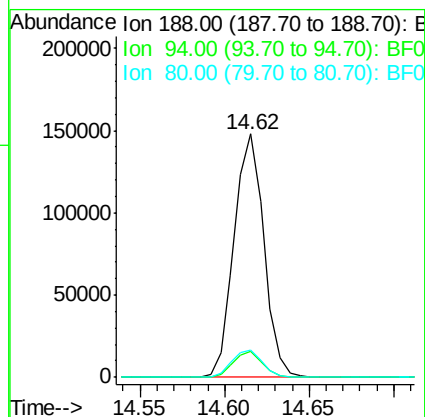
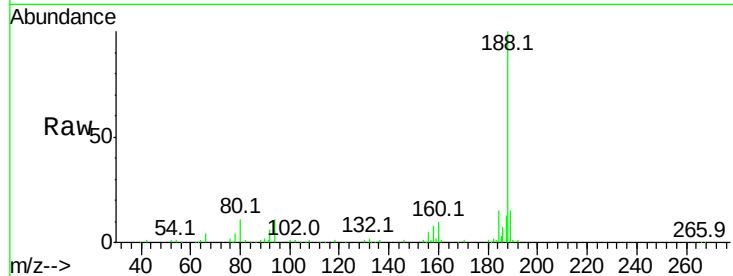




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.62 min Scan# 2215
 Delta R.T. -0.03 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

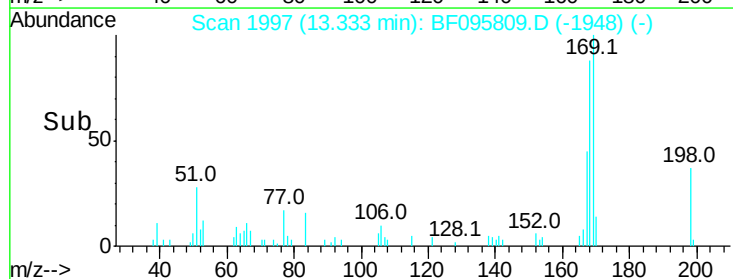
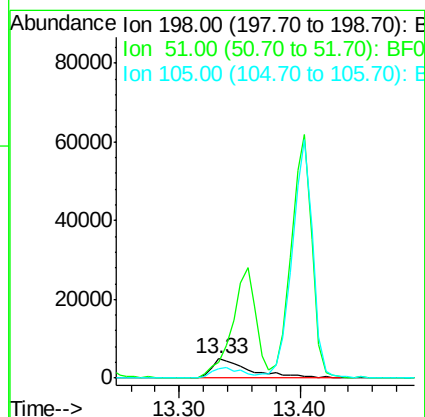
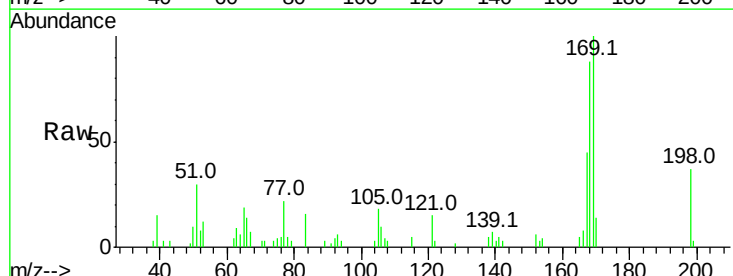
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

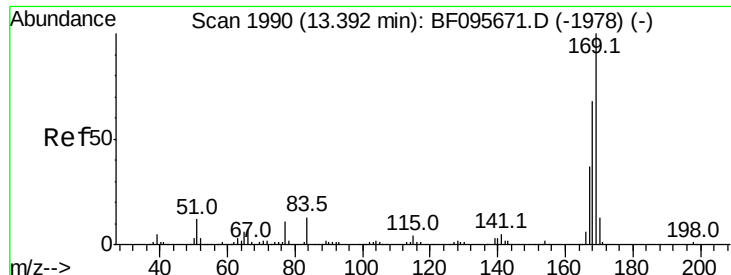
Tot Ion:188 Resp: 181282
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.4 14.2
 80 11.4 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.69 ng
 RT: 13.33 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

Tgt Ion:198 Resp: 10352
 Ion Ratio Lower Upper
 198 100
 51 81.5 53.2 93.2
 105 47.3 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 45.72 ng

RT: 13.36 min Scan# 2001

Delta R.T. -0.04 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

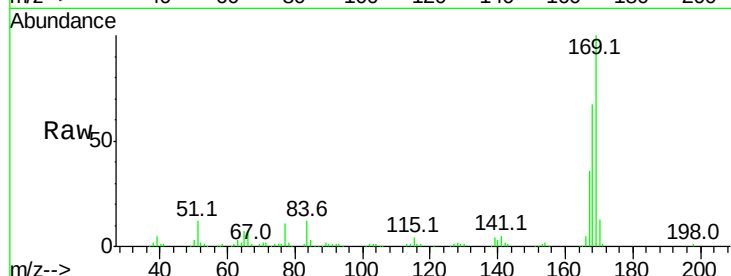
Tot Ion:169 Resp: 297819

Ion Ratio Lower Upper

169 100

168 67.0 53.2 79.8

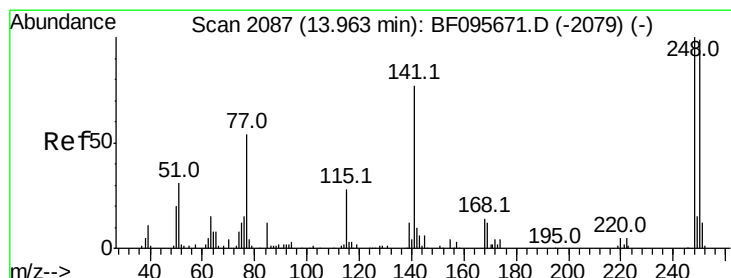
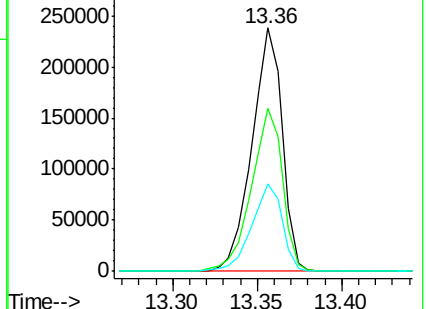
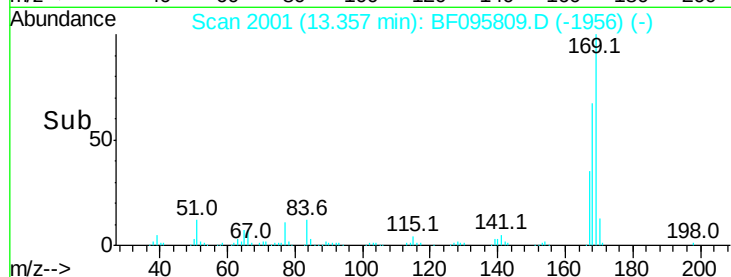
167 36.0 29.5 44.3



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: 44.55 ng

RT: 13.93 min Scan# 2098

Delta R.T. -0.04 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

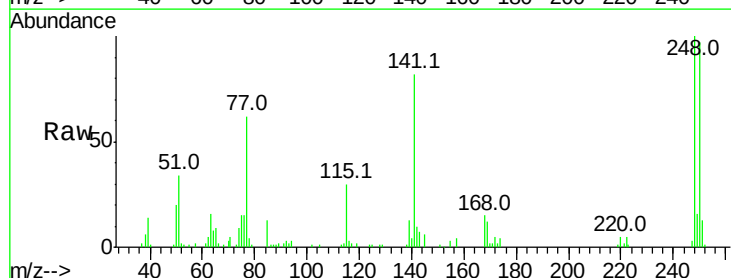
Tgt Ion:248 Resp: 83943

Ion Ratio Lower Upper

248 100

250 96.7 76.8 115.2

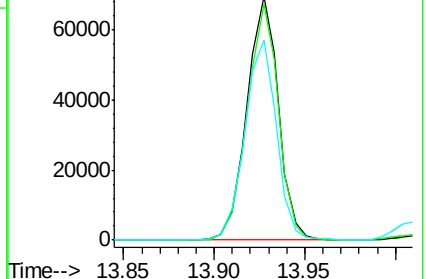
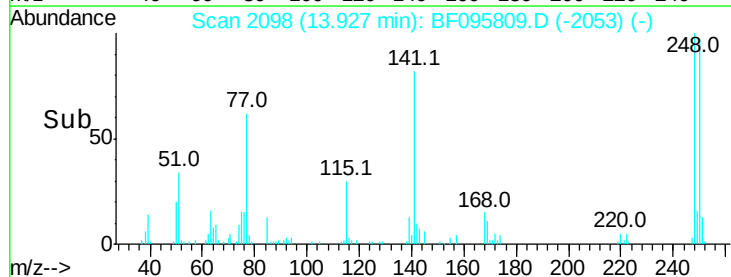
141 82.4 68.6 103.0

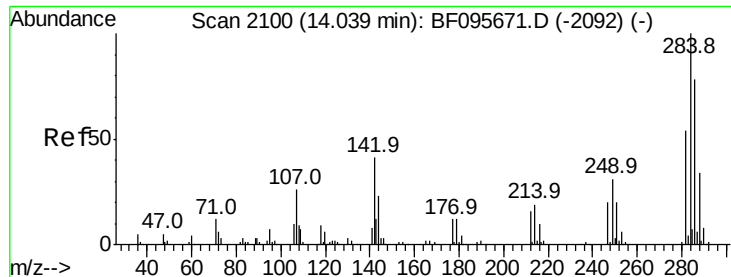


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.78 ng

RT: 14.01 min Scan# 2112

Delta R.T. -0.03 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

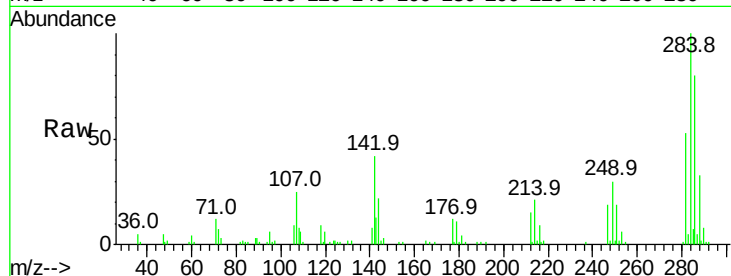
Tot Ion:284 Resp: 79419

Ion Ratio Lower Upper

284 100

142 42.1 22.8 34.2#

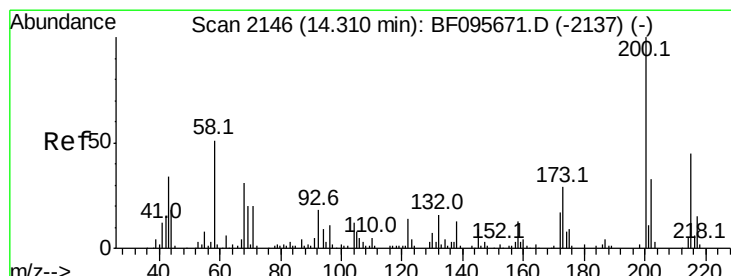
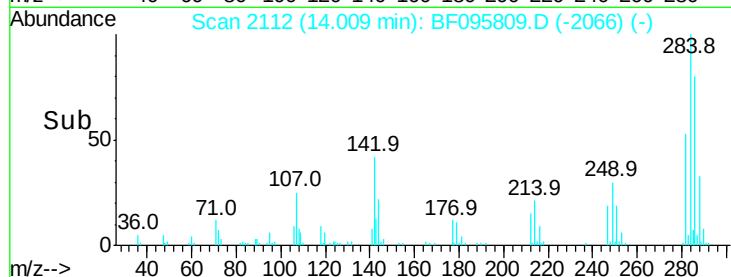
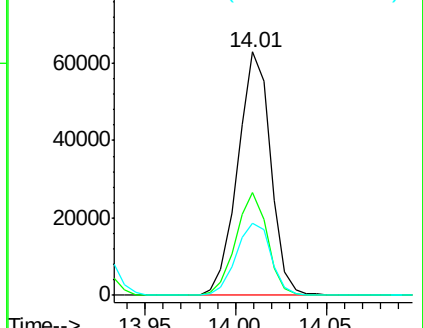
249 29.6 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.75 ng

RT: 14.27 min Scan# 2157

Delta R.T. -0.04 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

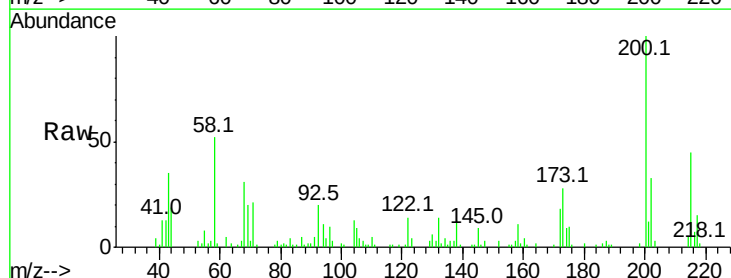
Tgt Ion:200 Resp: 68441

Ion Ratio Lower Upper

200 100

173 27.9 6.3 46.3

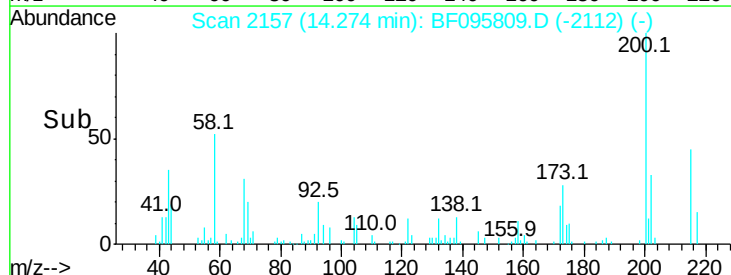
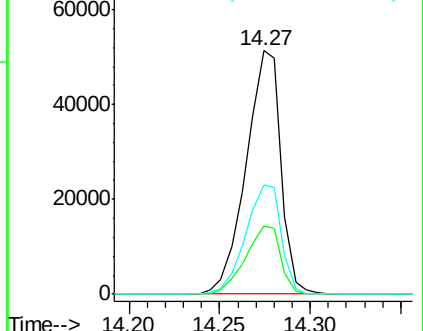
215 45.0 27.2 67.2

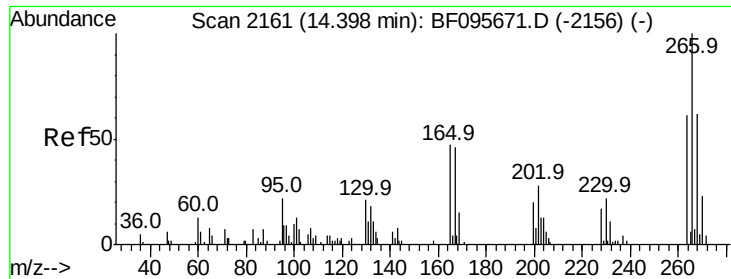


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

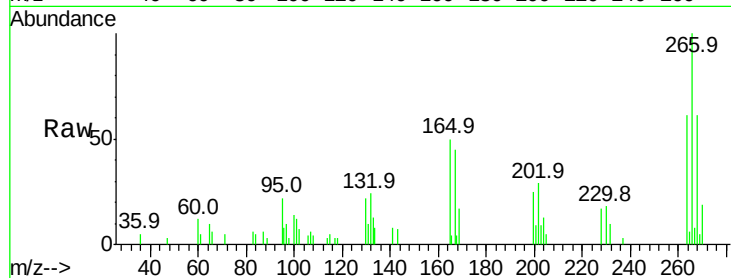




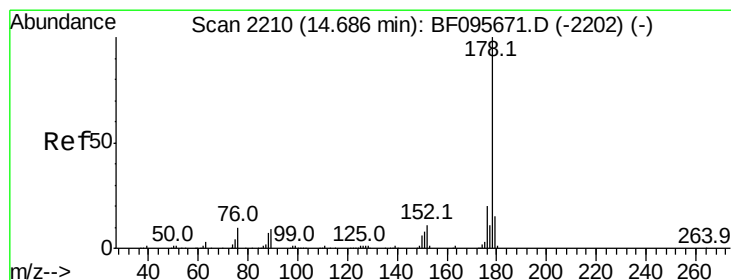
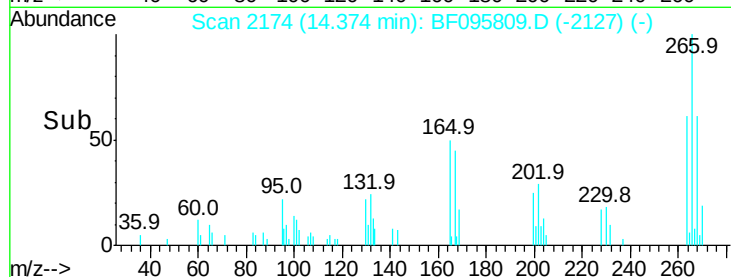
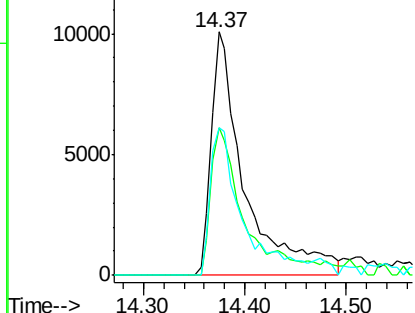
#69
 Pentachlorophenol
 Concen: 36.78 ng
 RT: 14.37 min Scan# 2174
 Delta R.T. -0.02 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 23152
 Ion Ratio Lower Upper
 266 100
 268 60.5 51.1 76.7
 264 60.7 51.7 77.5

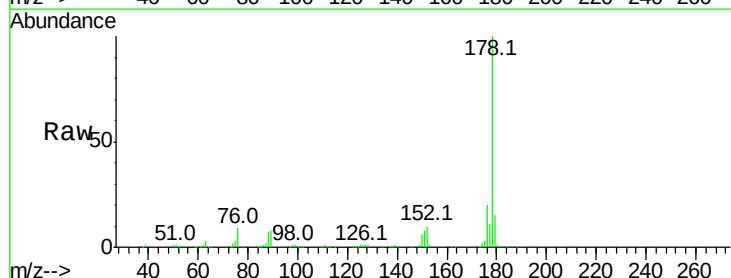


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

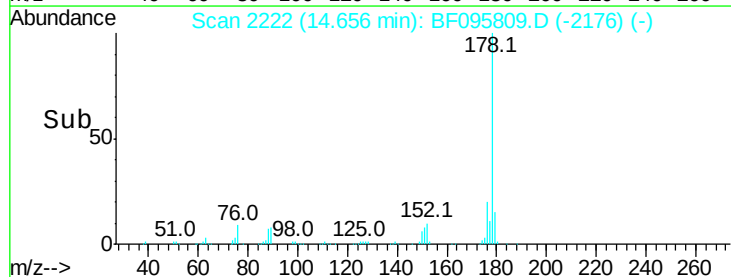
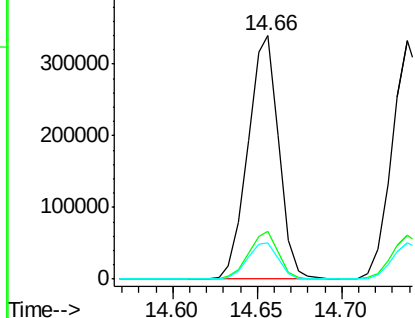


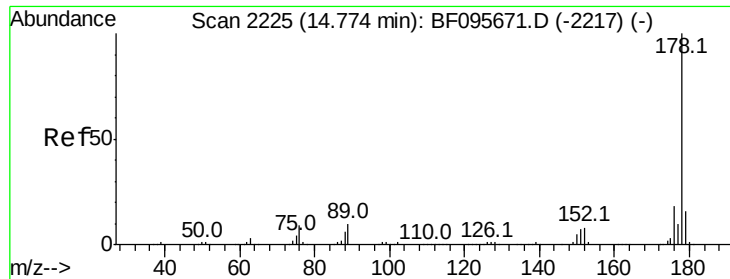
#70
 Phenanthrene
 Concen: 41.19 ng
 RT: 14.66 min Scan# 2222
 Delta R.T. -0.03 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

Tgt Ion:178 Resp: 430868
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 14.9 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

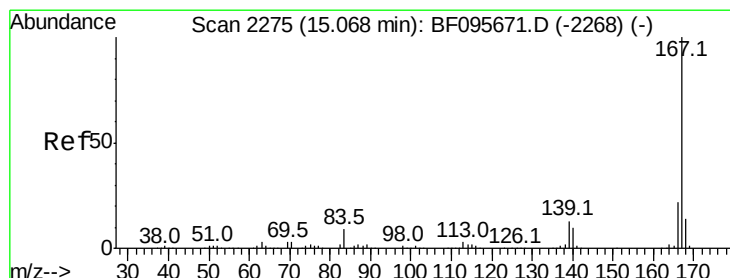
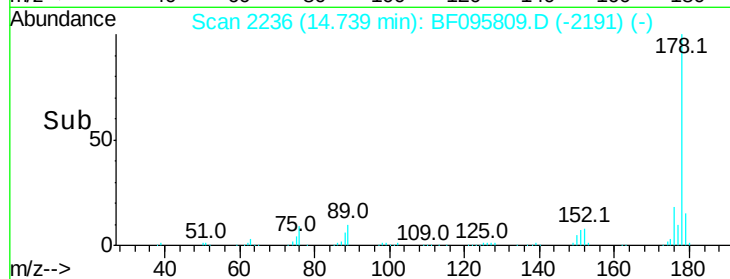
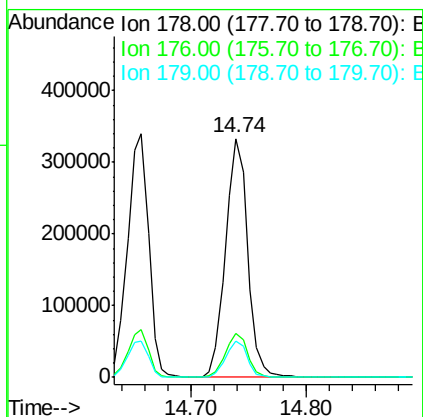
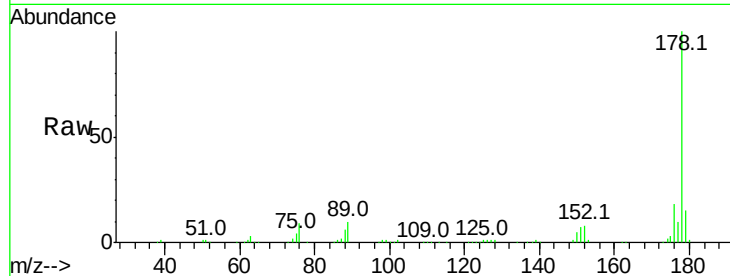




#71
 Anthracene
 Concen: 40.55 ng
 RT: 14.74 min Scan# 2236
 Delta R.T. -0.04 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

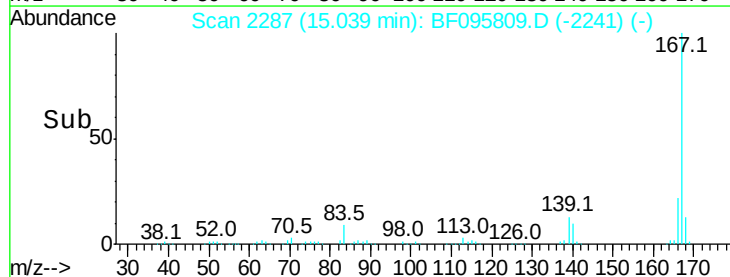
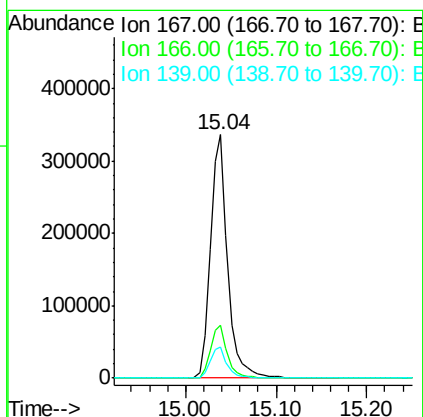
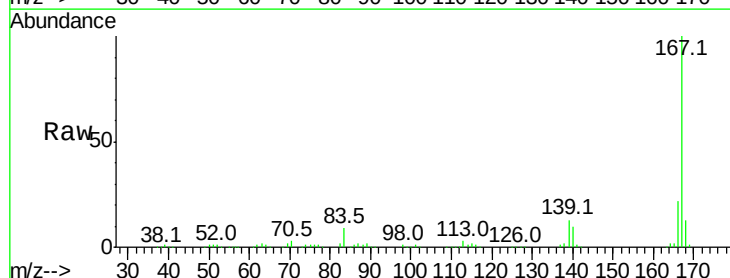
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

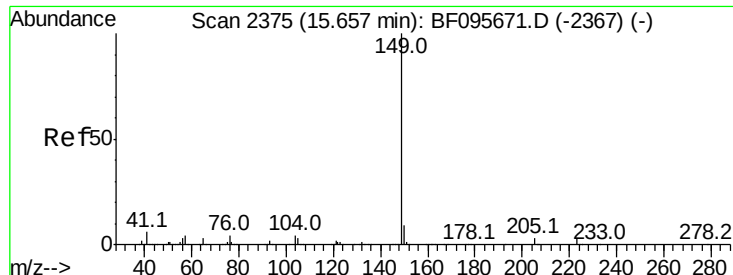
Tot Ion:178 Resp: 442816
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 41.59 ng
 RT: 15.04 min Scan# 2287
 Delta R.T. -0.03 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

Tgt Ion:167 Resp: 442589
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 12.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 44.69 ng

RT: 15.63 min Scan# 2388

Delta R.T. -0.02 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

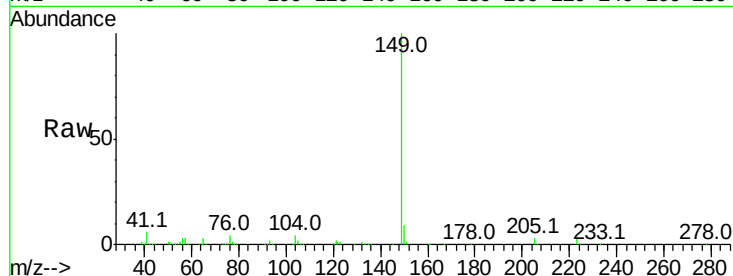
Tot Ion:149 Resp: 505974

Ion Ratio Lower Upper

149 100

150 8.7 7.7 11.5

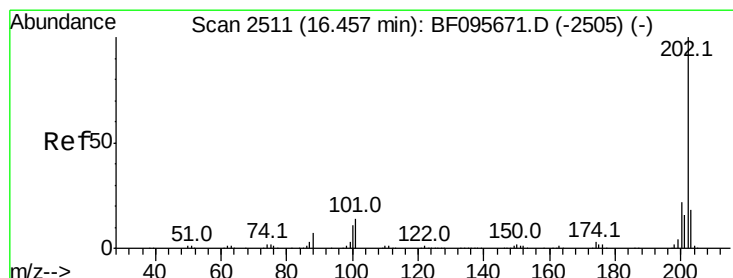
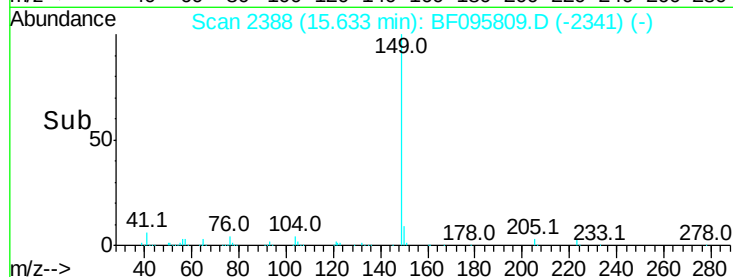
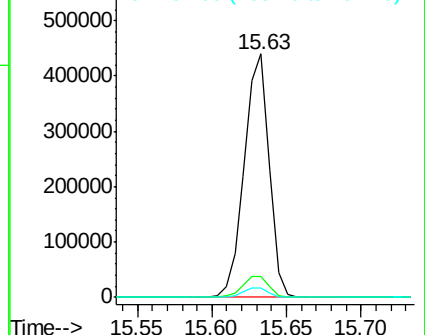
104 4.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.19 ng

RT: 16.43 min Scan# 2524

Delta R.T. -0.02 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

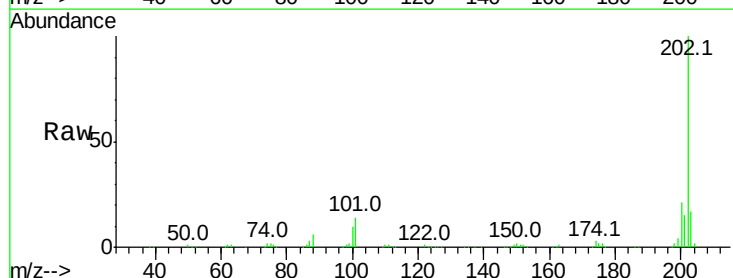
Tgt Ion:202 Resp: 405748

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

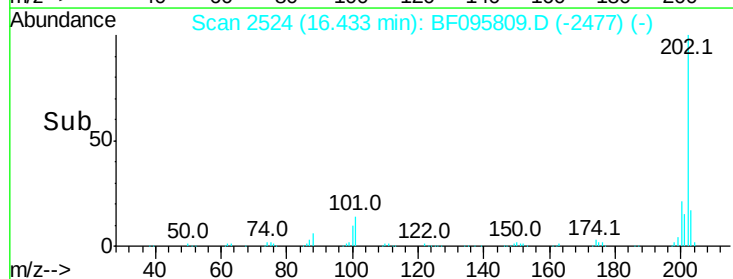
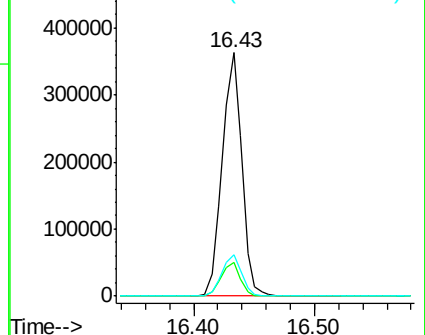
203 17.2 0.0 38.1

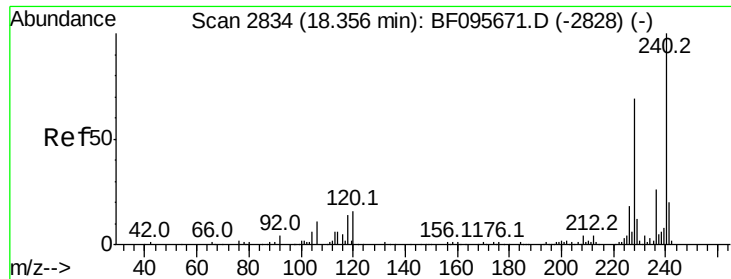


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

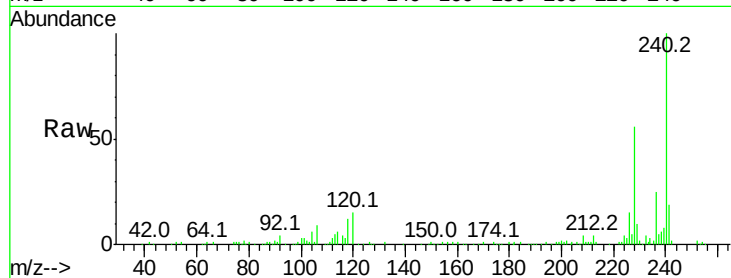




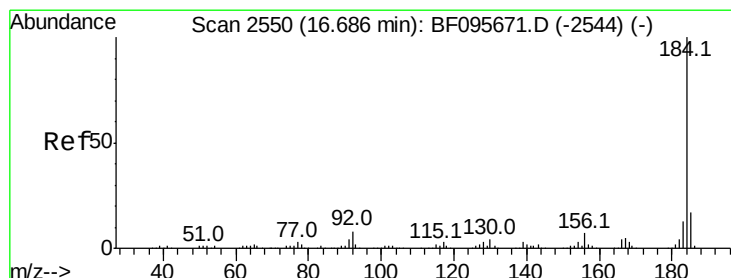
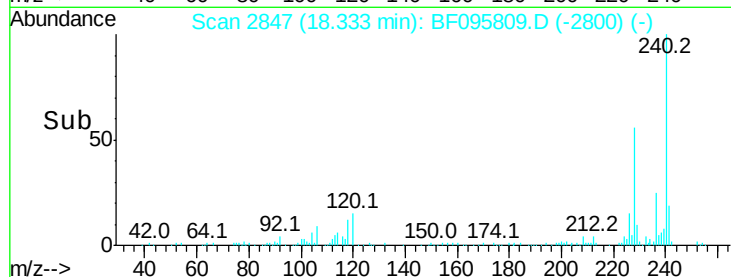
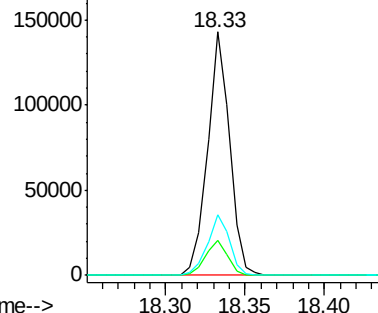
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.33 min Scan# 2847
 Delta R.T. -0.02 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:240 Resp: 137868
 Ion Ratio Lower Upper
 240 100
 120 14.6 5.8 8.8#
 236 24.7 20.5 30.7

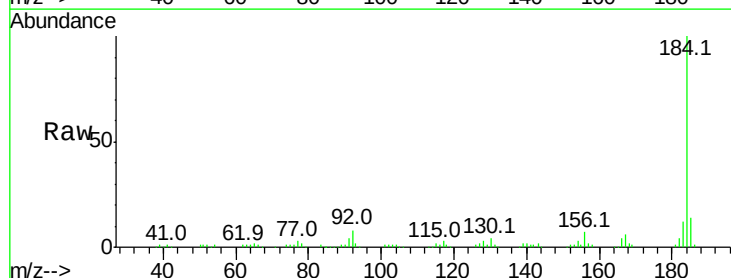


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

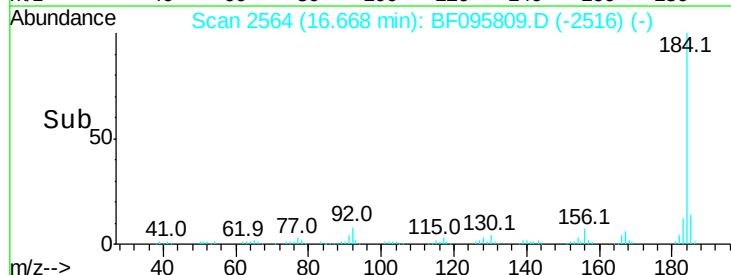
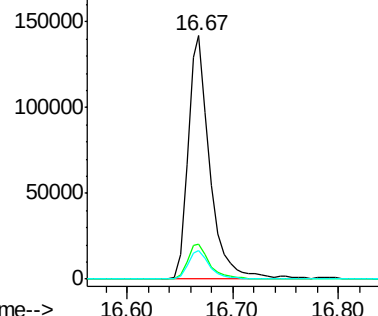


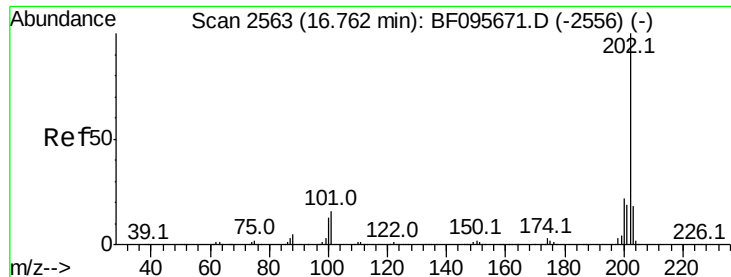
#76
 Benzidine
 Concen: 38.85 ng
 RT: 16.67 min Scan# 2564
 Delta R.T. -0.02 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

Tgt Ion:184 Resp: 205682
 Ion Ratio Lower Upper
 184 100
 185 14.2 15.5 23.3#
 183 11.8 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

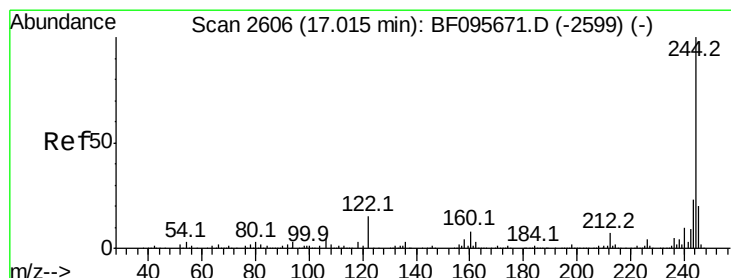
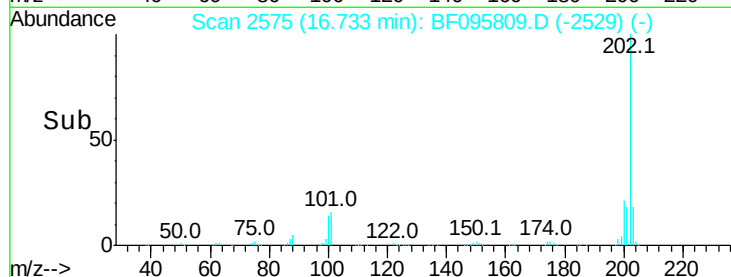
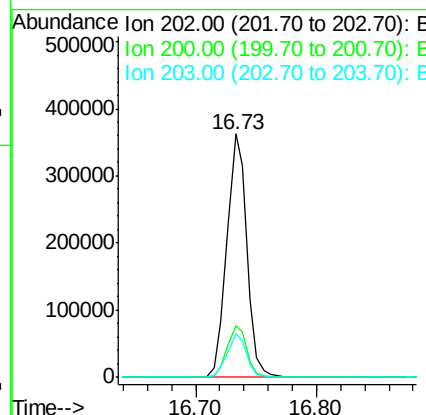
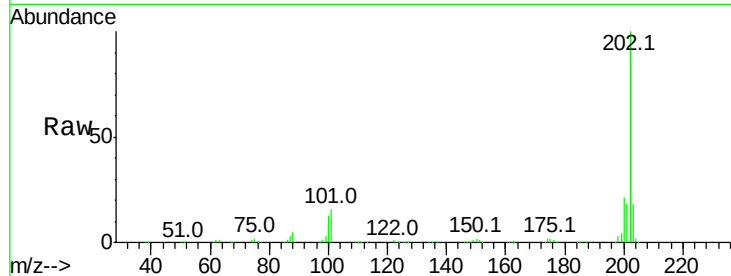




#77
Pvrene
Concen: 40.25 ng
RT: 16.73 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF095809.D
Acq: 9 Jun 2017 5:50

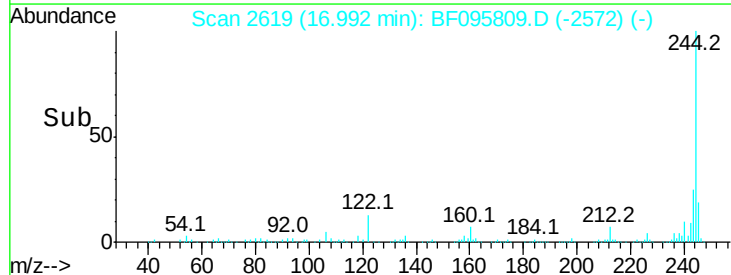
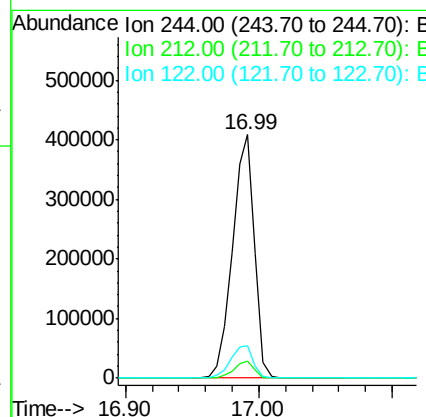
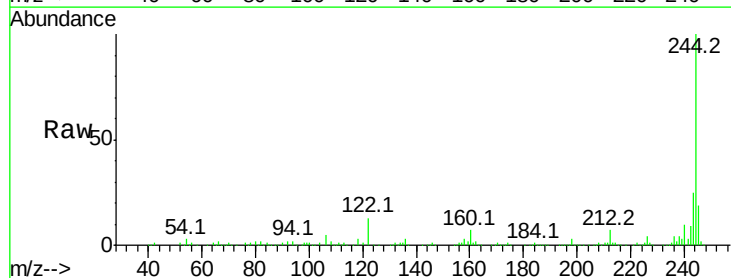
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

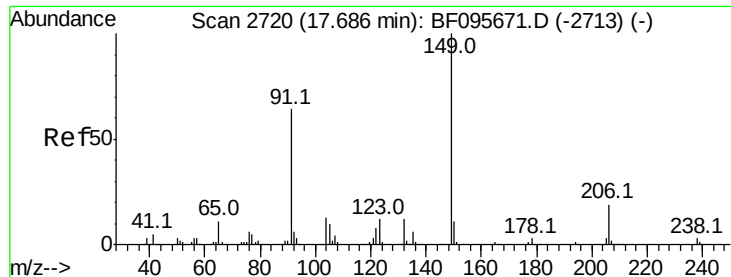
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	18.2	14.4	21.6



#78
Terphenyl-d14
Concen: 84.46 ng
RT: 16.99 min Scan# 2619
Delta R.T. -0.02 min
Lab File: BF095809.D
Acq: 9 Jun 2017 5:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.3	10.3	15.5

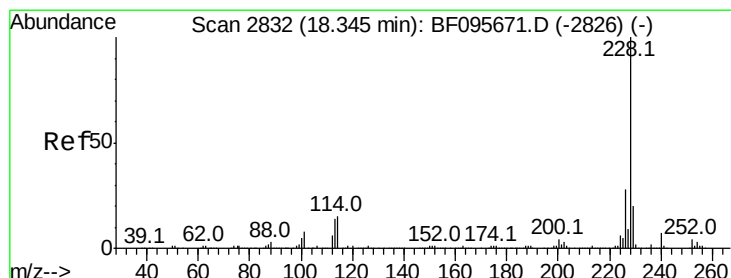
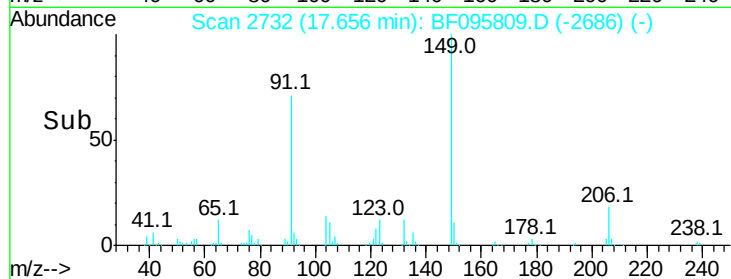
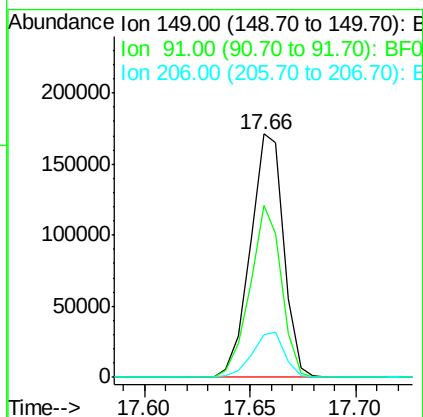
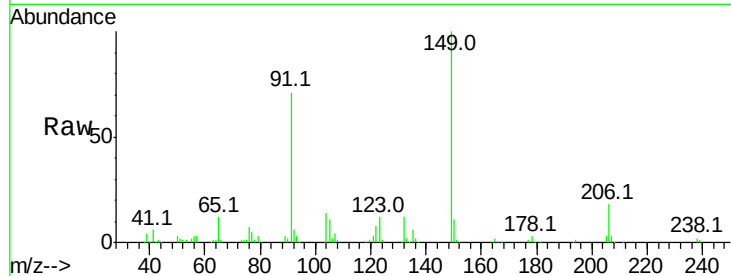




#79
Butylbenzylphthalate
Concen: 41.72 ng
RT: 17.66 min Scan# 2732
Delta R.T. -0.03 min
Lab File: BF095809.D
Acq: 9 Jun 2017 5:50

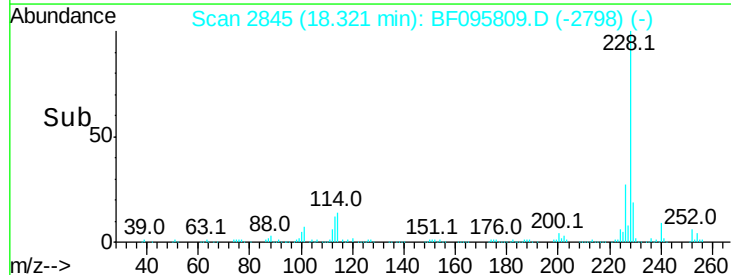
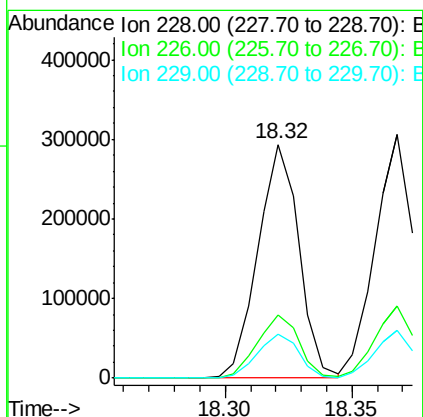
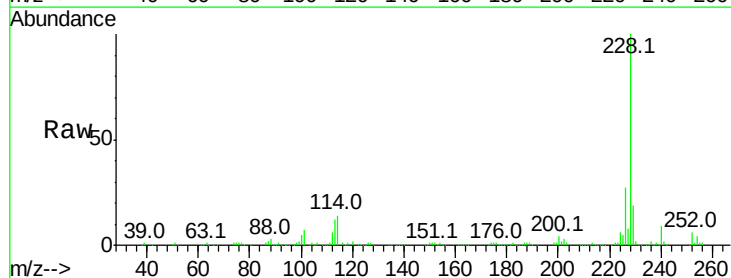
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

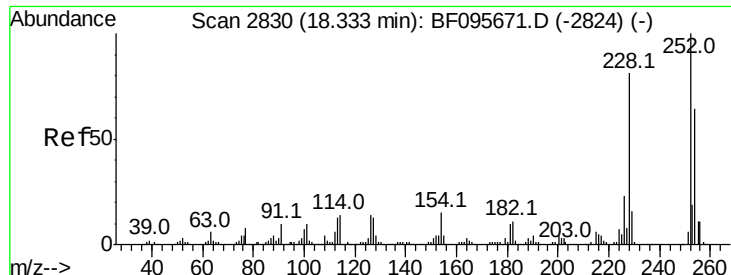
Tot Ion:149 Resp: 187429
Ion Ratio Lower Upper
149 100
91 70.8 45.0 67.4#
206 17.6 17.0 25.6



#80
Benzo(a)anthracene
Concen: 41.47 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BF095809.D
Acq: 9 Jun 2017 5:50

Tgt Ion:228 Resp: 332410
Ion Ratio Lower Upper
228 100
226 27.0 22.6 33.8
229 18.9 16.3 24.5

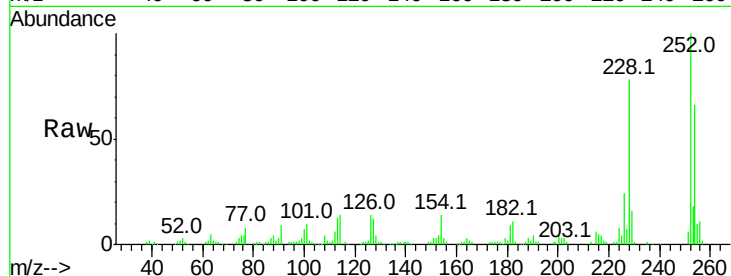




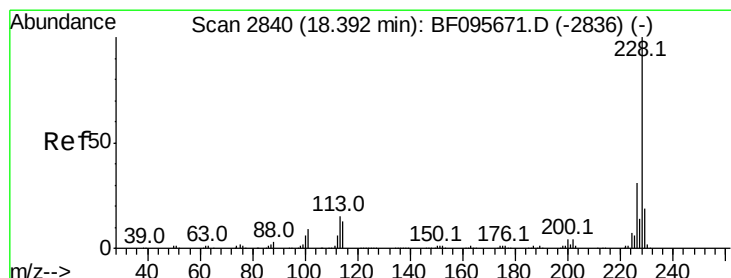
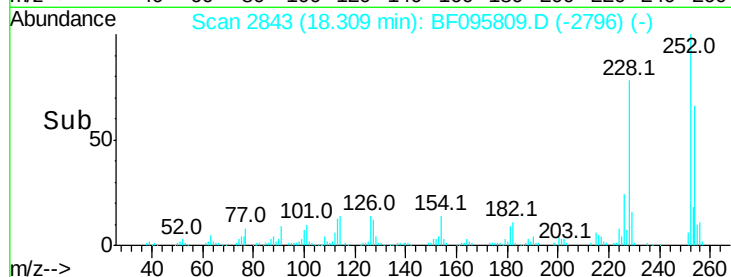
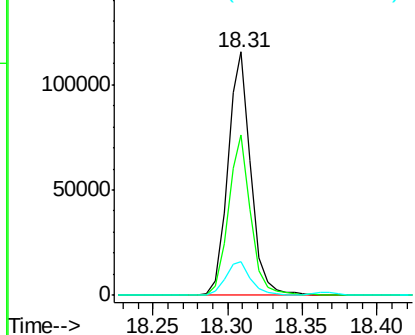
#81
 3,3'-Dichlorobenzidine
 Concen: 43.88 ng
 RT: 18.31 min Scan# 2843
 Delta R.T. -0.02 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.5	77.3
126	13.6	15.8	23.8#

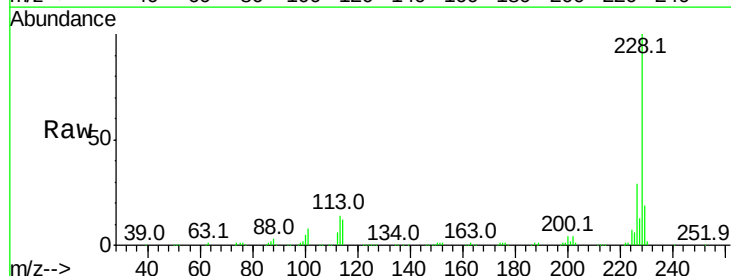


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

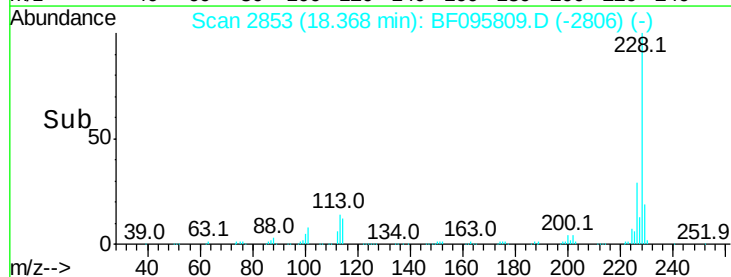
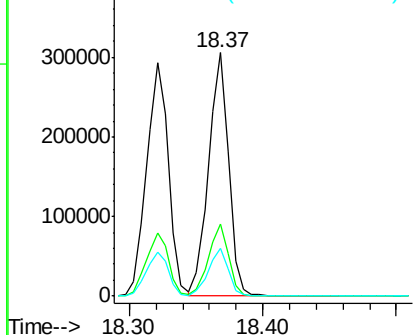


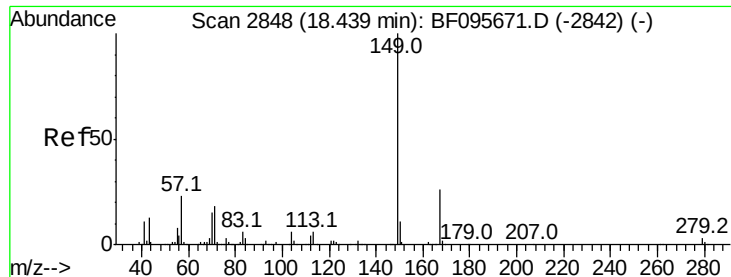
#82
 Chrysene
 Concen: 40.59 ng
 RT: 18.37 min Scan# 2853
 Delta R.T. -0.02 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.9	37.3
229	19.5	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

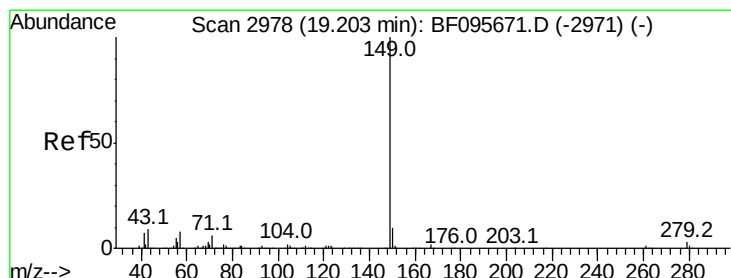
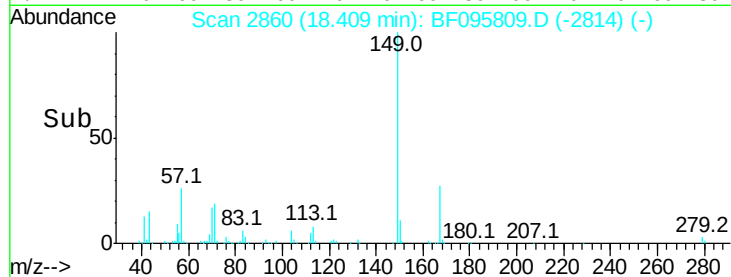
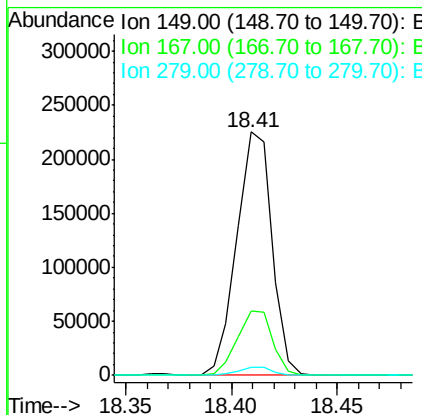
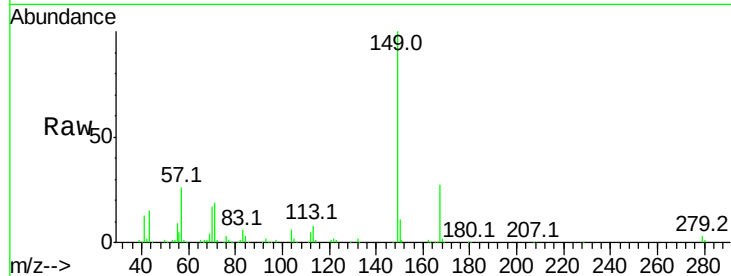




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.12 ng
 RT: 18.41 min Scan# 2860
 Delta R.T. -0.03 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

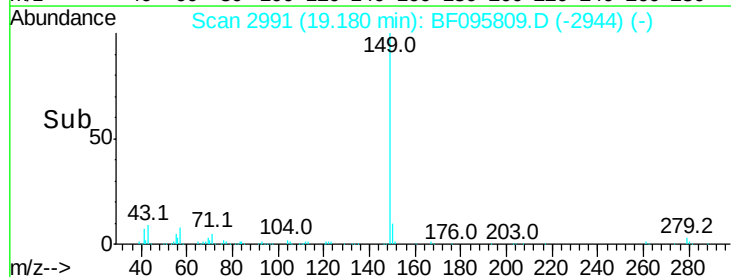
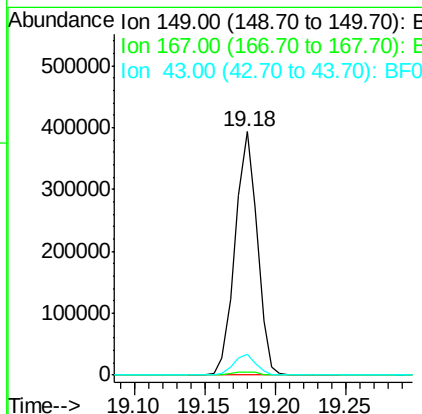
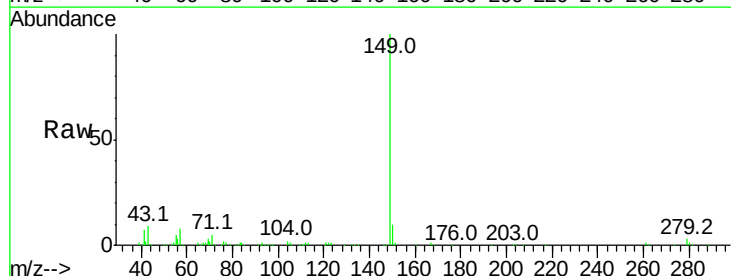
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

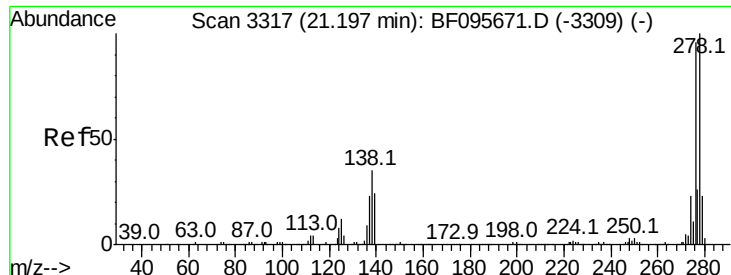
Tot Ion:149 Resp: 260604
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.0 31.4
 279 3.1 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 41.17 ng
 RT: 19.18 min Scan# 2991
 Delta R.T. -0.02 min
 Lab File: BF095809.D
 Acq: 9 Jun 2017 5:50

Tgt Ion:149 Resp: 429915
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.1 8.5 12.7

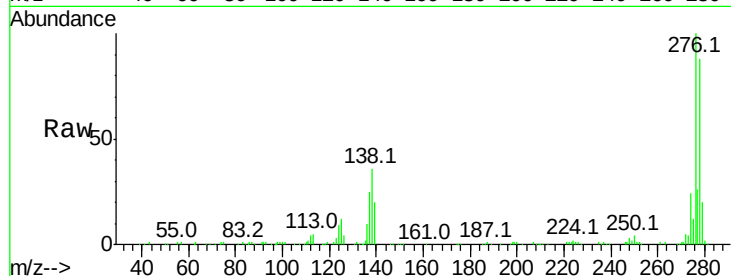




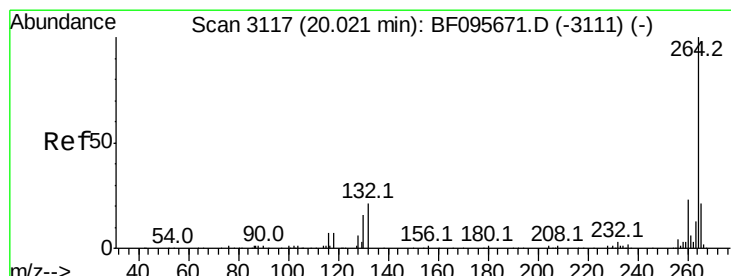
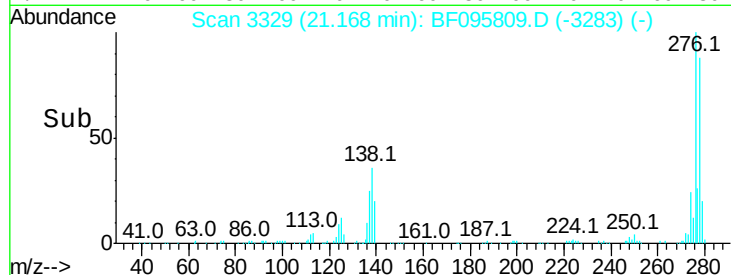
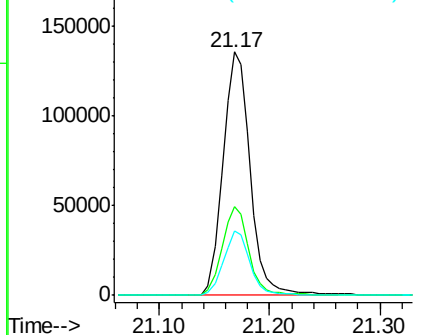
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.96 ng
RT: 21.17 min Scan# 3329
Delta R.T. -0.03 min
Lab File: BF095809.D
Acq: 9 Jun 2017 5:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.8	27.8	41.6
277	25.6	20.2	30.4

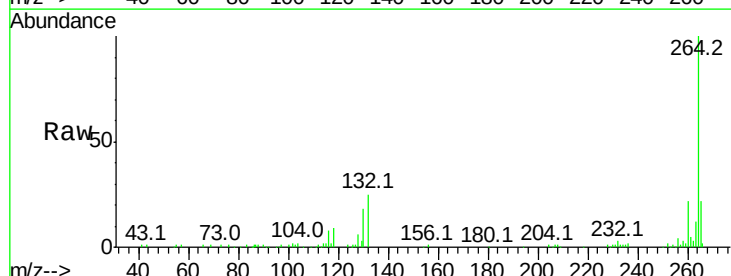


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

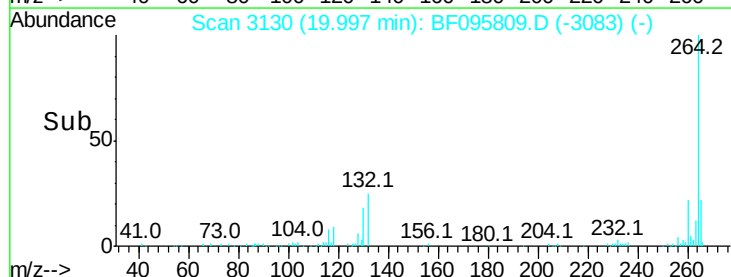
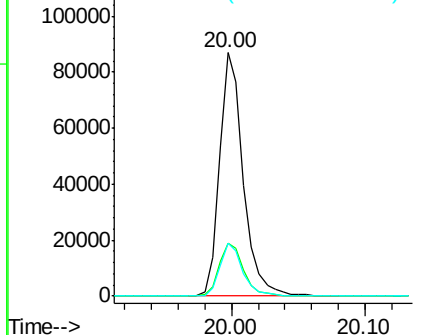


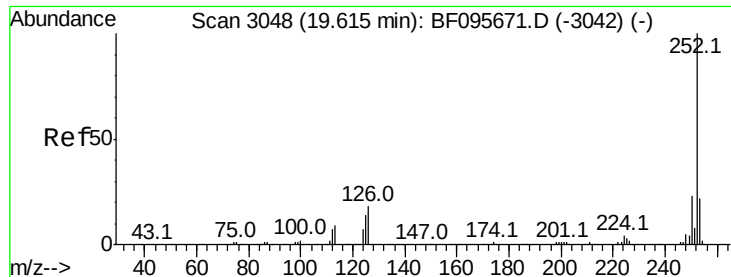
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BF095809.D
Acq: 9 Jun 2017 5:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.5	29.3
265	21.5	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.18 ng

RT: 19.60 min Scan# 3062

Delta R.T. -0.02 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

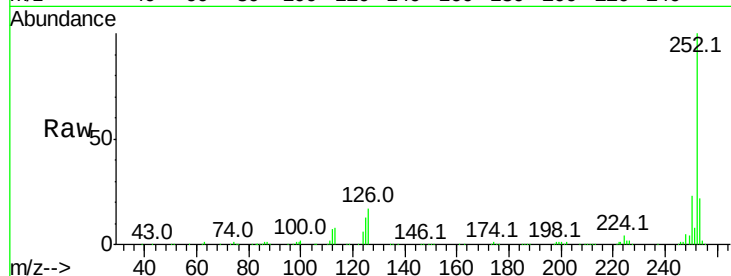
Tot Ion:252 Resp: 285783

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

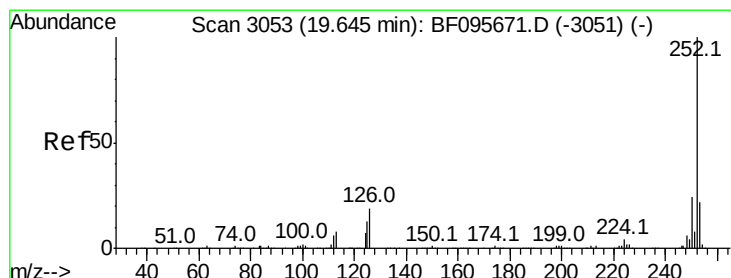
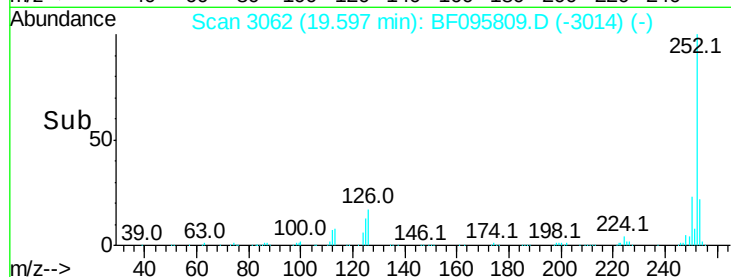
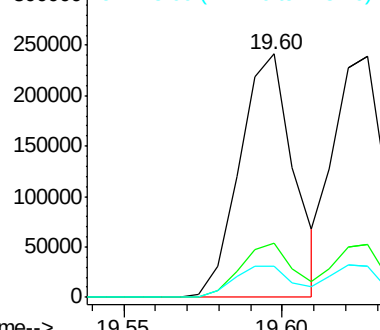
125 12.6 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.37 ng

RT: 19.63 min Scan# 3067

Delta R.T. -0.02 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

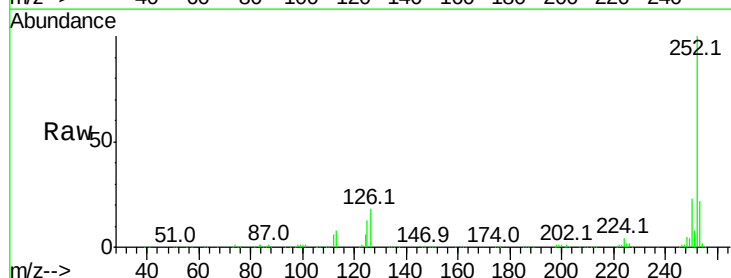
Tgt Ion:252 Resp: 274394

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

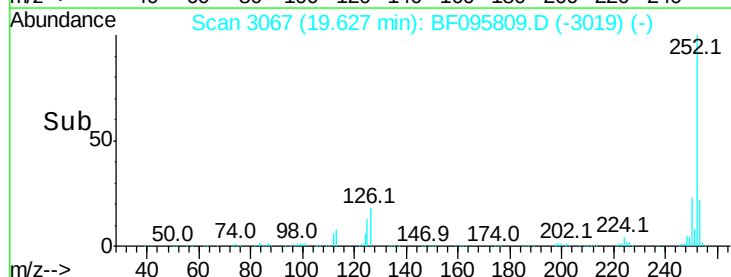
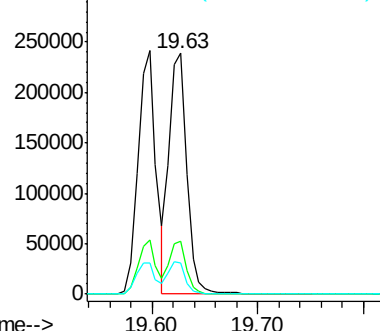
125 13.0 13.1 19.7#

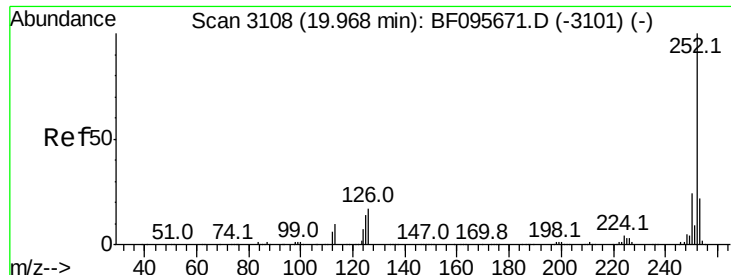


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

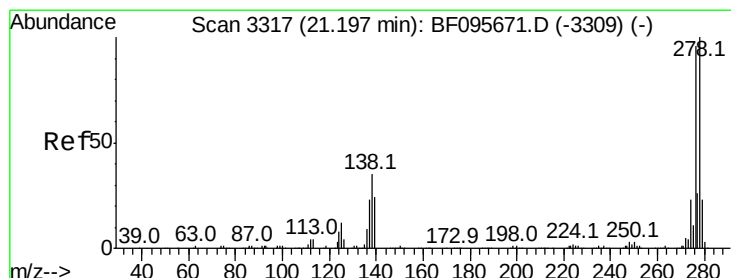
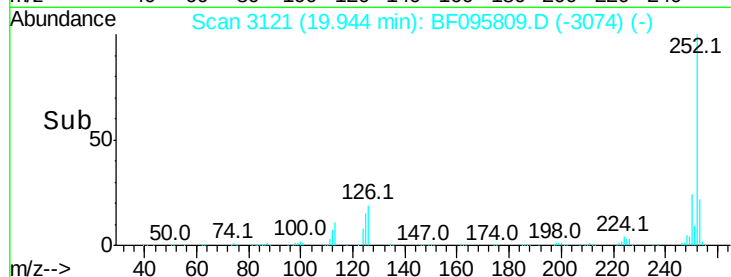
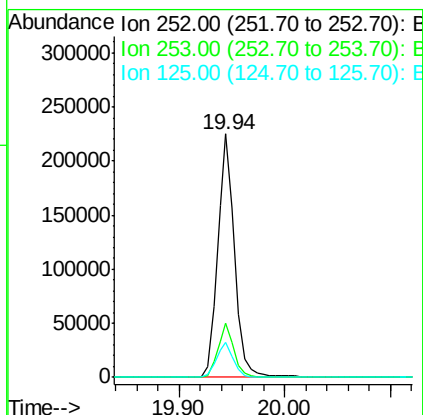
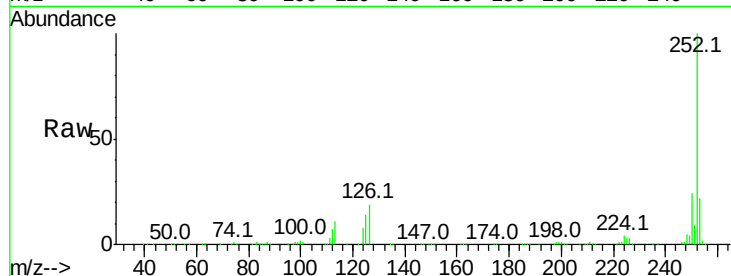




#89
Benzo(a)pyrene
Concen: 40.49 ng
RT: 19.94 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095809.D
Acq: 9 Jun 2017 5:50

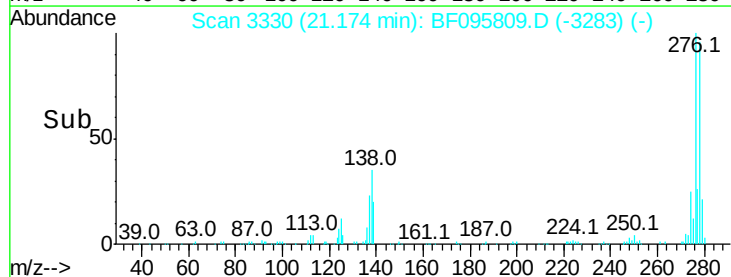
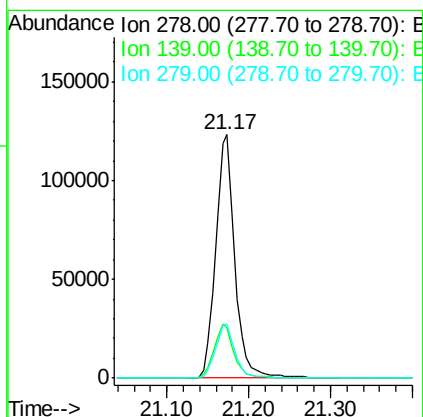
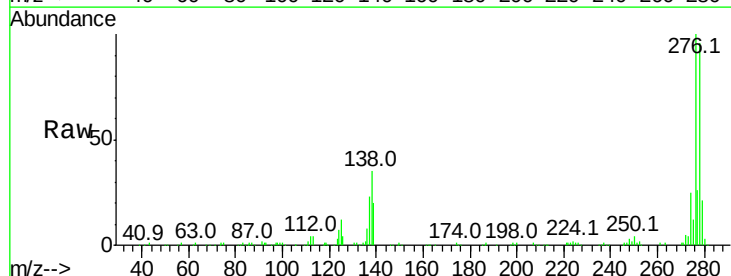
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

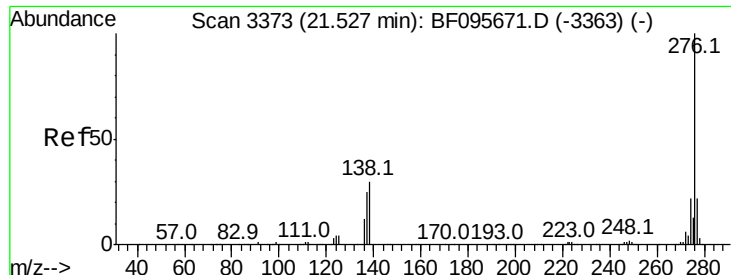
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	14.4	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 38.00 ng
RT: 21.17 min Scan# 3330
Delta R.T. -0.02 min
Lab File: BF095809.D
Acq: 9 Jun 2017 5:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.6	16.6	24.8
279	22.1	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 36.42 ng

RT: 21.50 min Scan# 3385

Delta R.T. -0.03 min

Lab File: BF095809.D

Acq: 9 Jun 2017 5:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

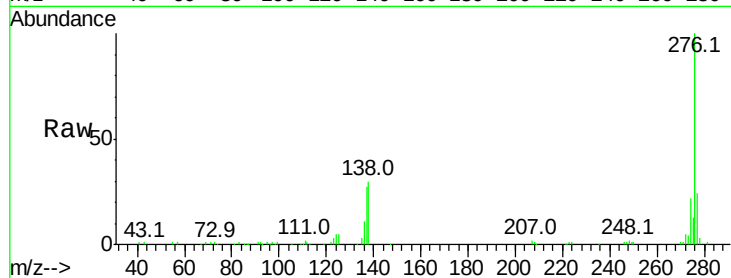
Tot Ion:276 Resp: 196125

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 30.3 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

