

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095920.D
 Acq On : 14 Jun 2017 7:13
 Operator : SJ/MA
 Sample : I3642-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 08:09:08 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	7.36	152	60855	20.00	ng	-0.04
21) Naphthalene-d8	9.40	136	191252	20.00	ng	-0.03
38) Acenaphthene-d10	12.24	164	73657	20.00	ng	-0.01
63) Phenanthrene-d10	14.64	188	111334	20.00	ng	0.00
75) Chrysene-d12	18.35	240	103522	20.00	ng	0.00
86) Perylene-d12	20.01	264	81007	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	422565	110.65	ng	-0.04
7) Phenol-d6	6.92	99	482644	105.56	ng	-0.04
23) Nitrobenzene-d5	8.28	82	291518	94.66	ng	-0.04
41) 2,4,6-Tribromophenol	13.54	330	61887	94.96	ng	0.00
44) 2-Fluorobiphenyl	11.19	172	394185	74.47	ng	-0.02
78) Terphenyl-d14	17.00	244	300700	72.09	ng	-0.01

Target Compounds						Qvalue
9) Benzaldehyde	6.66	77	6252	2.03	ng	# 1
10) Phenol	6.94	94	155936	32.88	ng	91
17) 2-Methylphenol	7.89	107	116608	34.22	ng	98
18) Hexachloroethane	8.15	117	5147	3.34	ng	# 1
19) n-Nitroso-di-n-propylamine	8.05	70	29104	10.04	ng	# 66
20) 3+4-Methylphenols	8.16	107	227717	52.64	ng	# 63
22) Acetophenone	8.02	105	80865	18.06	ng	# 35
24) Nitrobenzene	8.33	77	9308	2.83	ng	# 48
25) Isophorone	8.65	82	99937	17.38	ng	# 1
26) 2-Nitrophenol	8.87	139	19698	11.44	ng	# 65
27) 2,4-Dimethylphenol	8.98	122	28900	10.81	ng	97
29) 2,4-Dichlorophenol	9.23	162	8704	3.38	ng	# 1
31) Naphthalene	9.44	128	112077	11.68	ng	# 89
32) Benzoic acid	9.29	122	18131	14.81	ng	# 46
35) Caprolactam	10.25	113	162772	212.47	ng	# 52
37) 2-Methylnaphthalene	10.58	142	108321	16.70	ng	# 91
42) 2,4,6-Trichlorophenol	11.07	196	5006	3.53	ng	# 13
43) 2,4,5-Trichlorophenol	11.18	196	5254	3.49	ng	# 1
48) Acenaphthylene	12.02	152	17735	2.19	ng	# 1
49) Dimethylphthalate	11.87	163	40483	7.24	ng	# 85
50) 2,6-Dinitrotoluene	11.99	165	2800	2.30	ng	# 56
52) 3-Nitroaniline	12.22	138	4661	3.28	ng	# 34
53) 2,4-Dinitrophenol	12.46	184	823	7.57	ng	# 1
54) Dibenzofuran	12.59	168	17983	2.73	ng	# 22
55) 4-Nitrophenol	12.65	139	2028	6.93	ng	# 1
56) 2,4-Dinitrotoluene	12.69	165	11178	6.78	ng	# 62
57) Fluorene	13.13	166	24463	4.26	ng	# 69
61) 4-Nitroaniline	13.26	138	2990	2.25	ng	80
65) n-Nitrosodiphenylamine	13.36	169	24773	6.19	ng	# 50
69) Pentachlorophenol	14.40	266	462	7.58	ng	# 44
70) Phenanthrene	14.68	178	66889	10.41	ng	# 91
71) Anthracene	14.77	178	20868	3.11	ng	# 54
74) Fluoranthene	16.46	202	59730	9.39	ng	93
77) Pyrene	16.76	202	78623	10.18	ng	# 95

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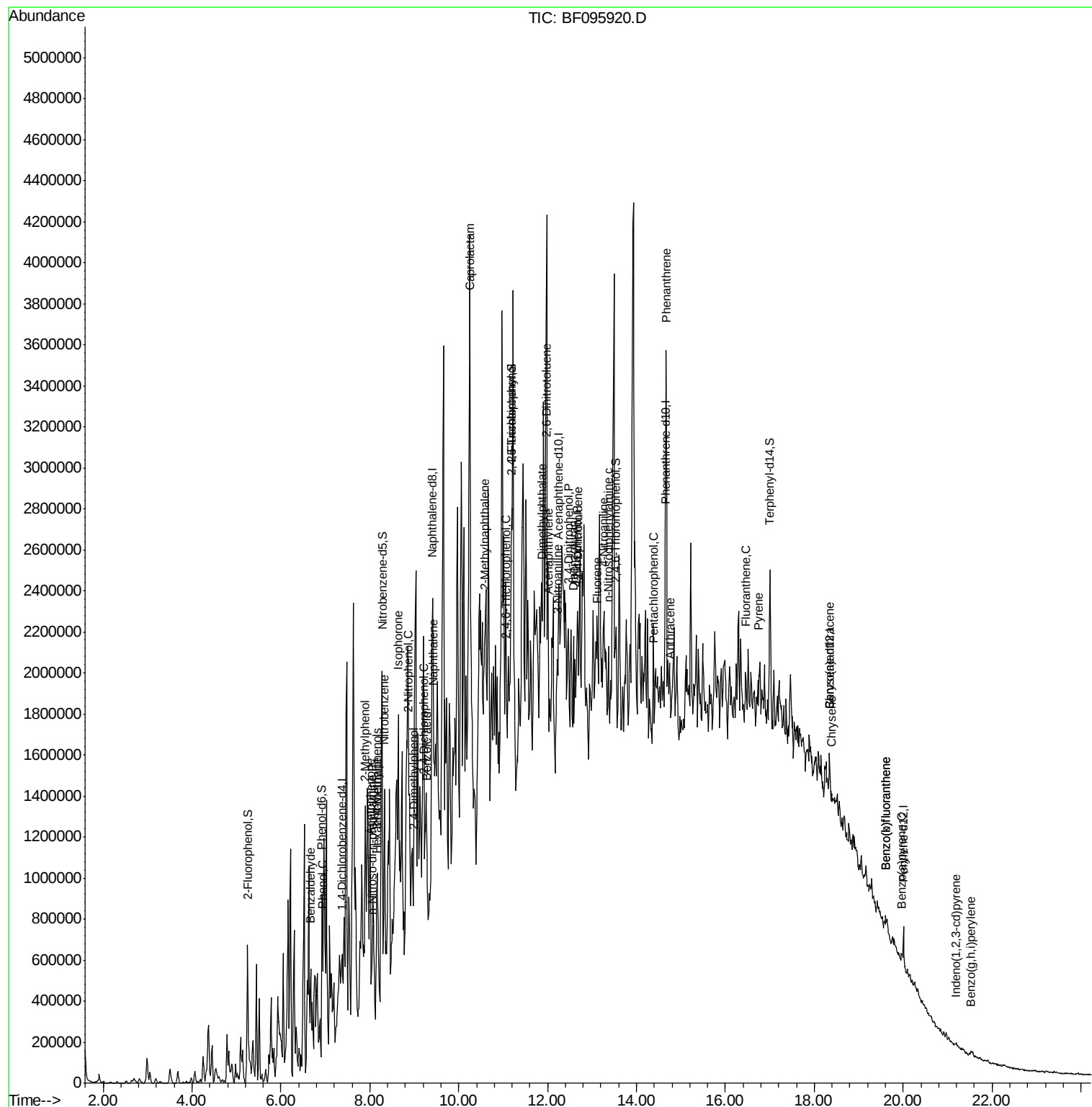
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	18.34	228	24393	4.05	ng	# 88
82) Chrysene	18.38	228	27028	4.49	ng	# 83
85) Indeno(1,2,3-cd)pyrene	21.20	276	12473	2.42	ng	# 89
87) Benzo(b)fluoranthene	19.61	252	31408	6.19	ng	# 51
88) Benzo(k)fluoranthene	19.61	252	31408	6.48	ng	# 52
89) Benzo(a)pyrene	19.96	252	18067	3.88	ng	# 45
91) Benzo(a,h,i)perylene	21.53	276	13493	3.35	ng	98

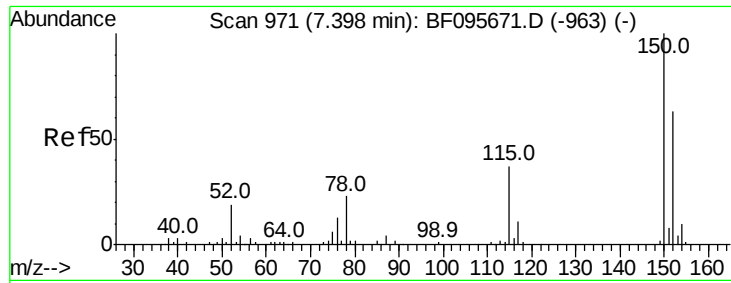
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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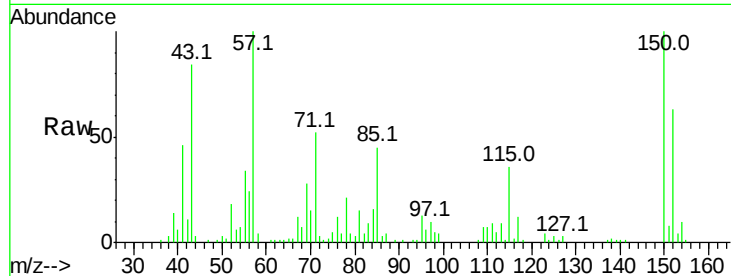


#1

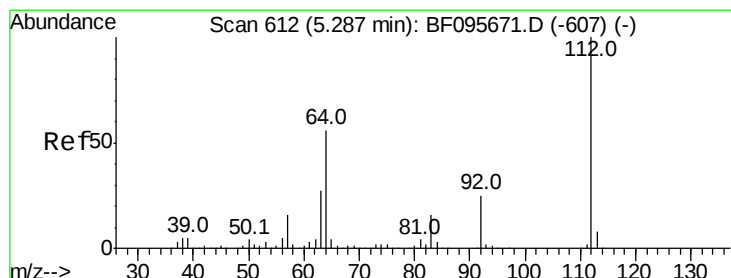
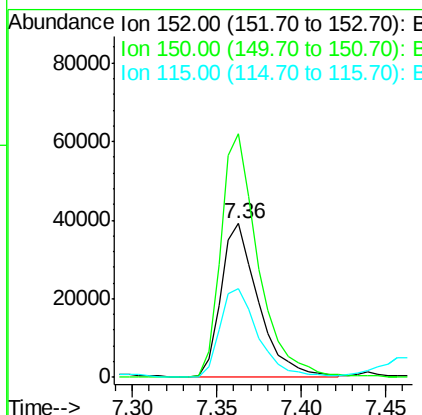
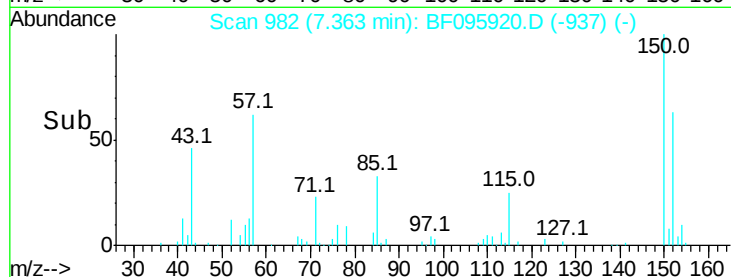
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 982
Delta R.T. -0.04 min
Lab File: BF095920.D
Acq: 14 Jun 2017 7:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.2	189.2
115	57.5	52.2	78.2



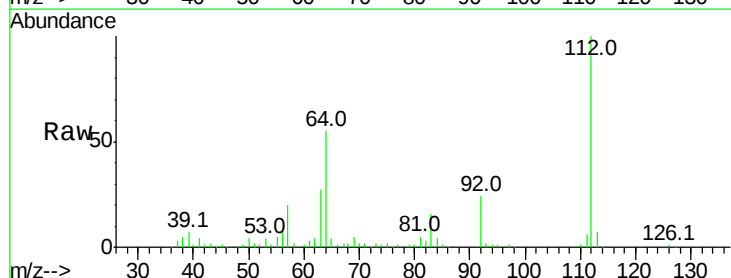
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



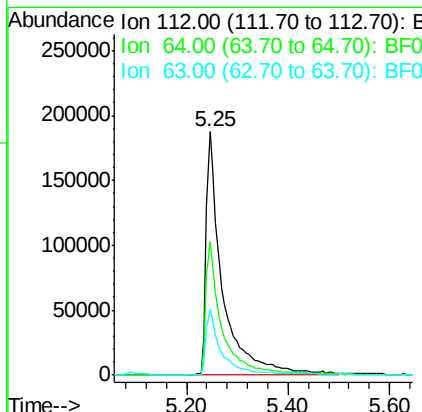
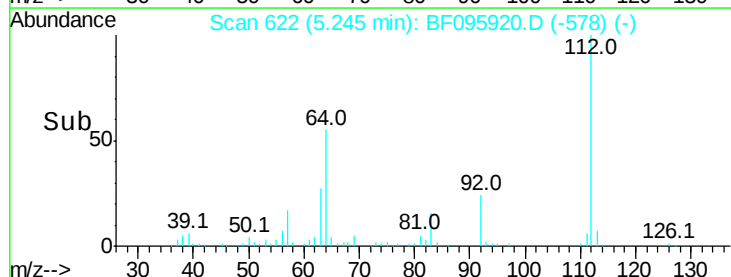
#5

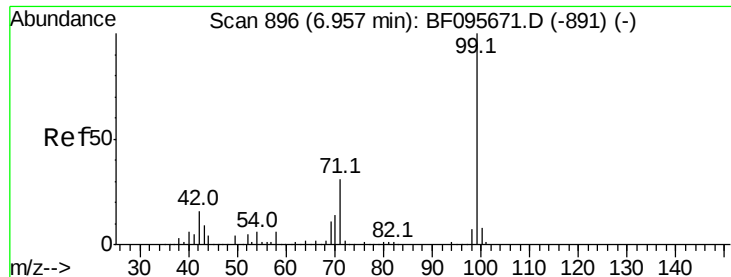
2-Fluorophenol
Concen: 110.65 ng
RT: 5.25 min Scan# 622
Delta R.T. -0.04 min
Lab File: BF095920.D
Acq: 14 Jun 2017 7:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.0	69.0
63	26.9	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.56 ng

RT: 6.92 min Scan# 907

Delta R.T. -0.04 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

Instrument :

BNA_F

ClientSampled :

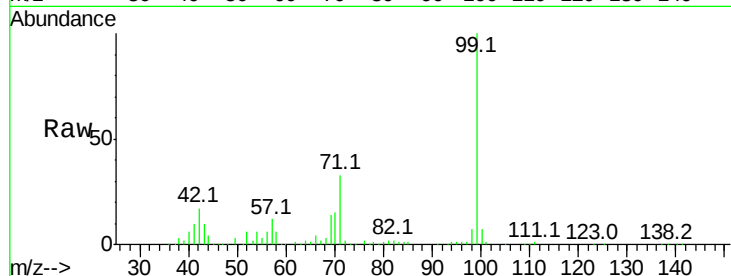
Tot Ion: 99 Resp: 482644

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

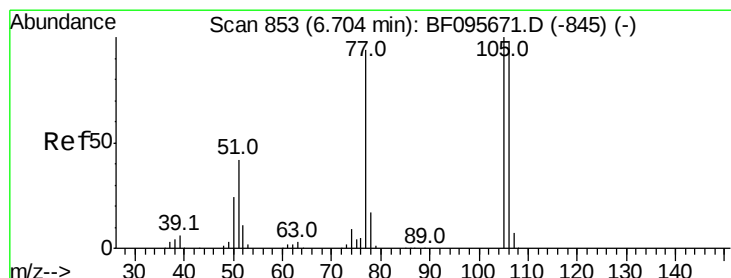
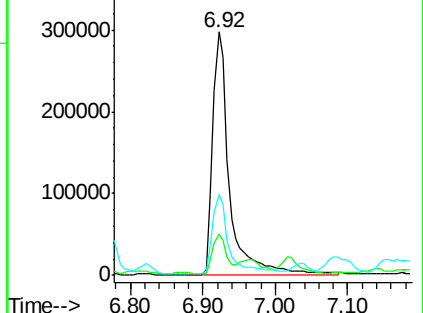
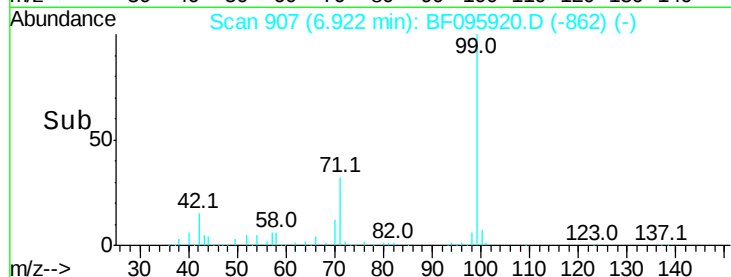
71 33.1 24.5 36.7



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



#9

Benzaldehyde

Concen: 2.03 ng

RT: 6.66 min Scan# 863

Delta R.T. -0.04 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

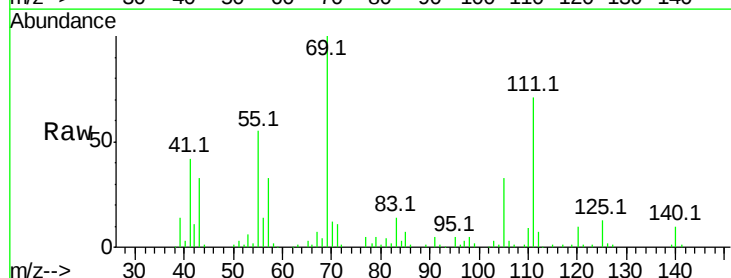
Tgt Ion: 77 Resp: 6252

Ion Ratio Lower Upper

77 100

105 605.8 83.8 123.8#

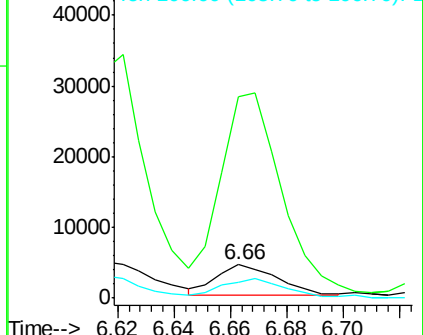
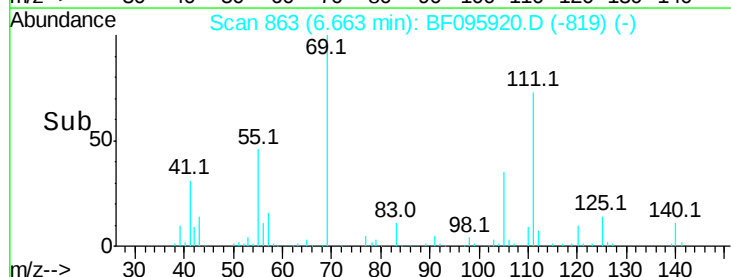
106 49.2 79.1 119.1#

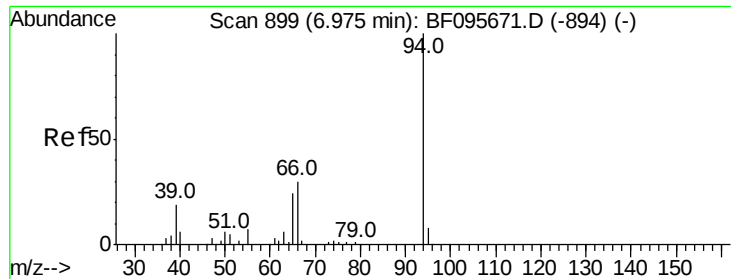


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 32.88 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.04 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

Instrument :

BNA_F

ClientSampled :

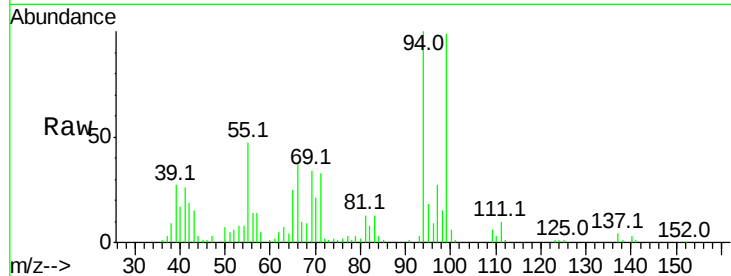
Tot Ion: 94 Resp: 155936

Ion Ratio Lower Upper

94 100

65 25.4 9.9 49.9

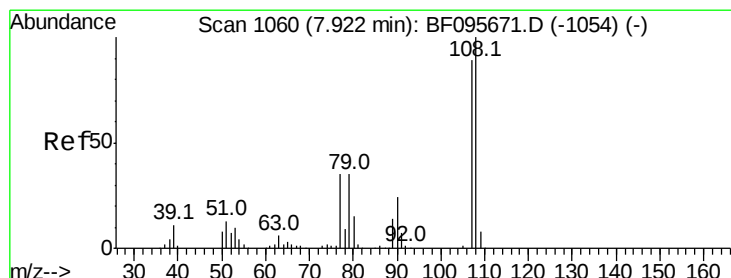
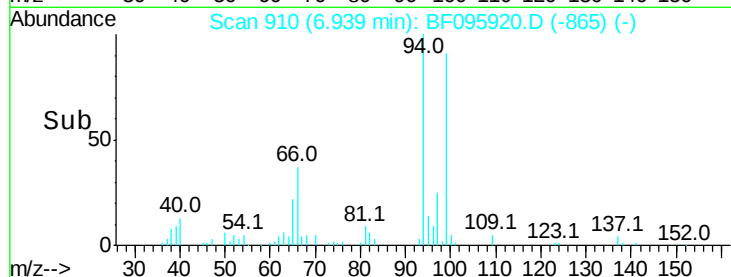
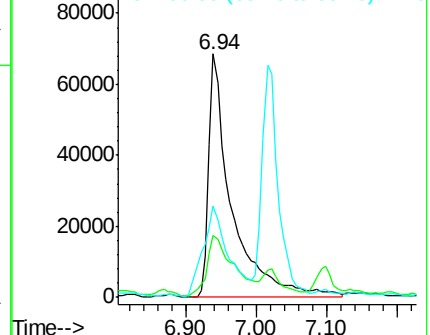
66 37.3 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#17

2-Methylphenol

Concen: 34.22 ng

RT: 7.89 min Scan# 1071

Delta R.T. -0.04 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

Tgt Ion: 107 Resp: 116608

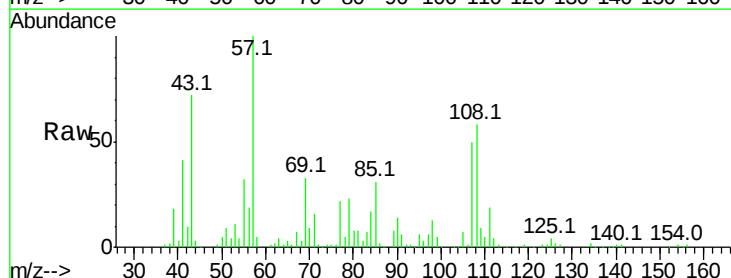
Ion Ratio Lower Upper

107 100

108 115.2 93.4 140.0

77 43.8 35.8 53.6

79 45.6 34.8 52.2

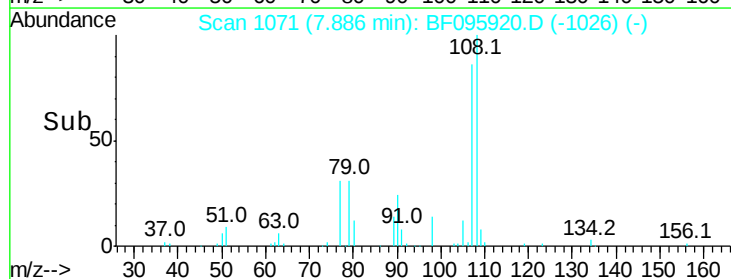
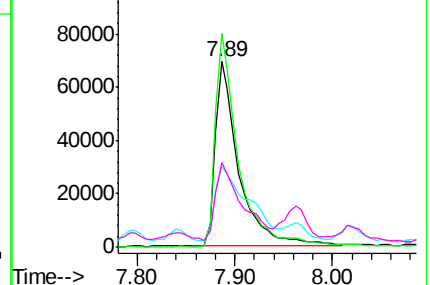


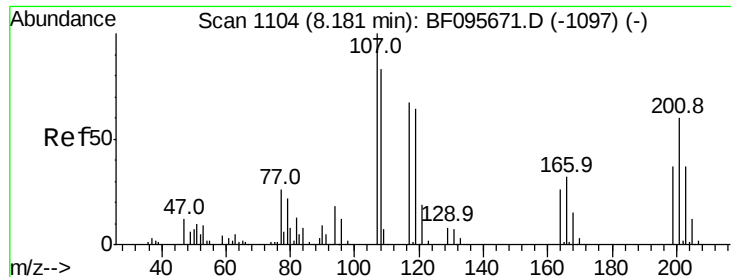
Abundance Ion 107.00 (106.70 to 107.70): E

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: 3.34 ng

RT: 8.15 min Scan# 1115

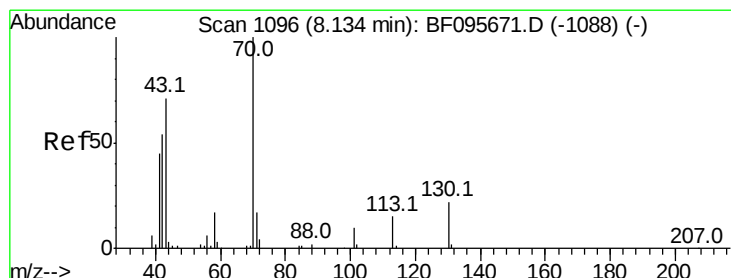
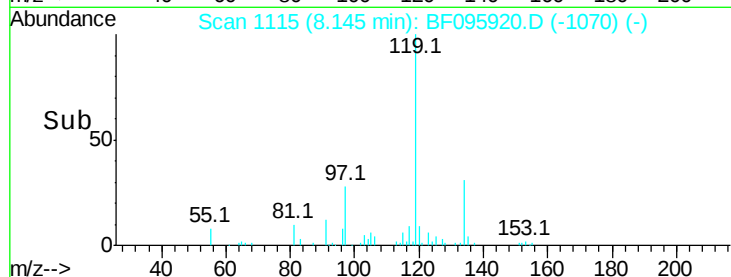
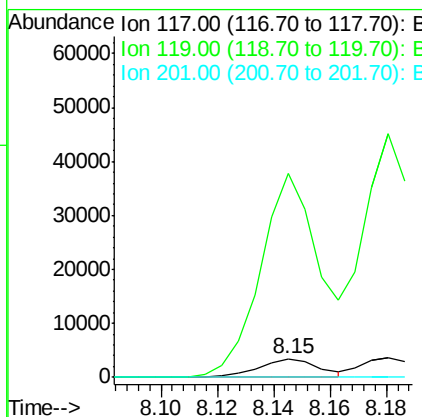
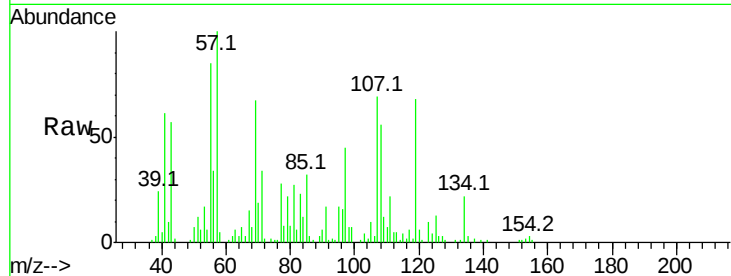
Delta R.T. -0.04 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 5147
Ion Ratio Lower Upper
117 100
119 1083.2 77.4 116.0#
201 0.0 94.6 141.8#



#19

n-Nitroso-di-n-propylamine

Concen: 10.04 ng

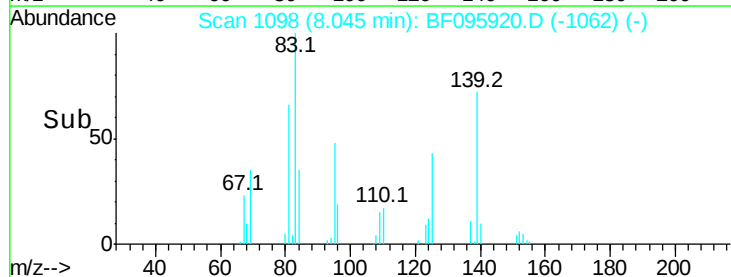
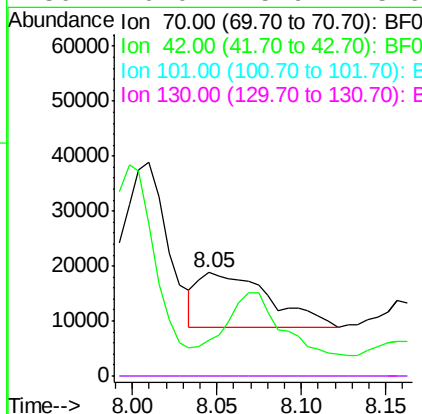
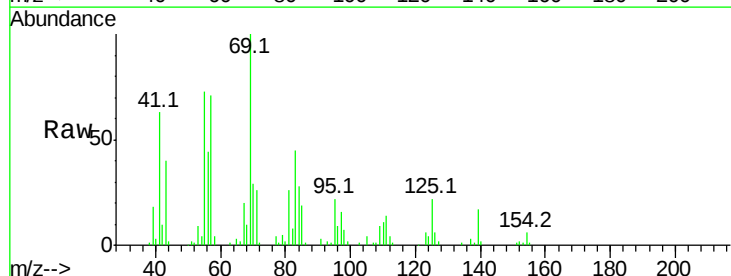
RT: 8.05 min Scan# 1098

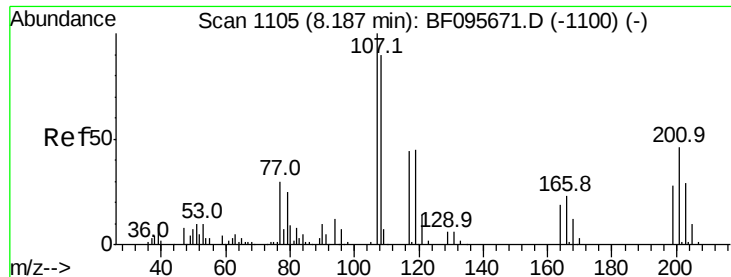
Delta R.T. -0.09 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

Tgt Ion: 70 Resp: 29104
Ion Ratio Lower Upper
70 100
42 34.4 47.2 70.8#
101 0.0 7.2 10.8#
130 0.0 15.9 23.9#





#20

3+4-Methylphenols

Concen: 52.64 ng

RT: 8.16 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 227717

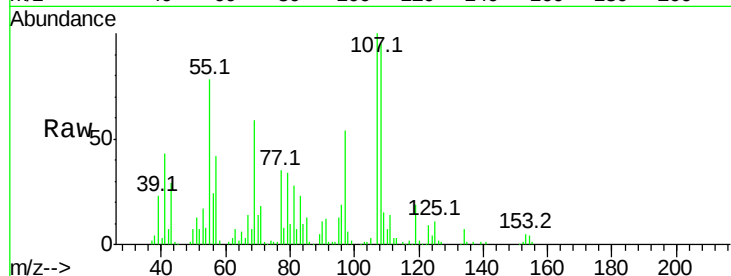
Ion Ratio Lower Upper

107 100

108 95.4 71.0 111.0

77 34.9 90.5 130.5#

79 34.1 8.4 48.4



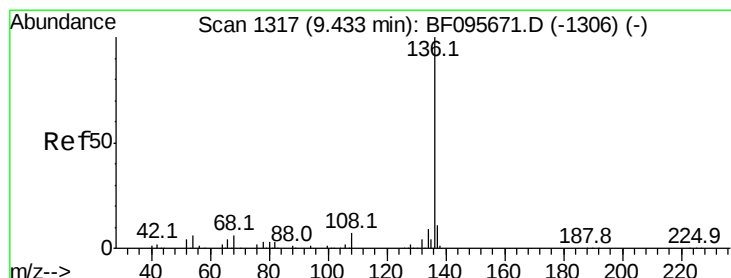
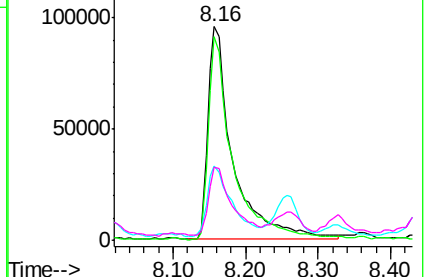
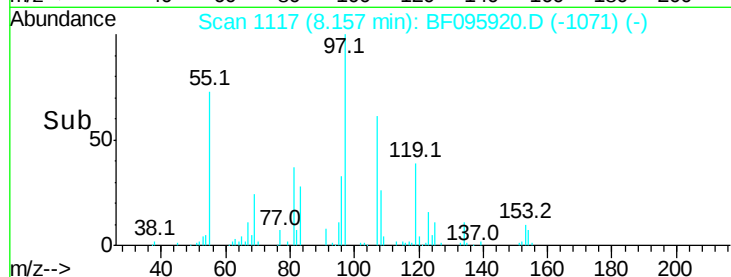
Abundance Ion 107.00 (106.70 to 107.70): E

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

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1329

Delta R.T. -0.03 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

Tgt Ion:136 Resp: 191252

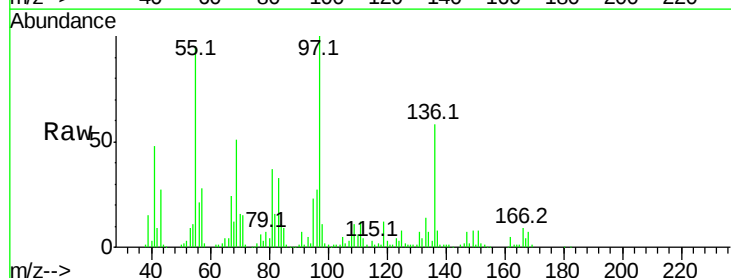
Ion Ratio Lower Upper

136 100

137 14.6 8.5 12.7#

54 18.6 4.9 7.3#

68 20.0 4.1 6.1#



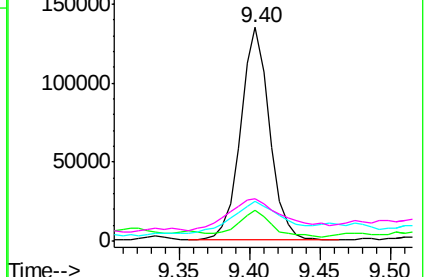
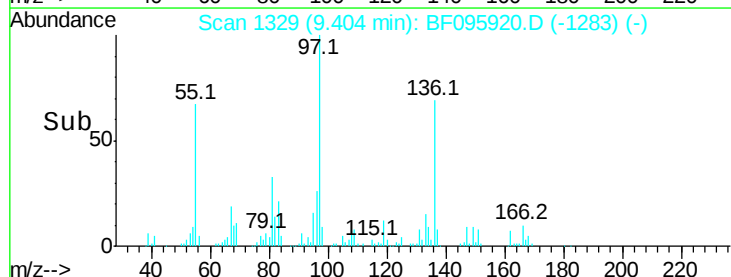
Abundance Ion 136.00 (135.70 to 136.70): E

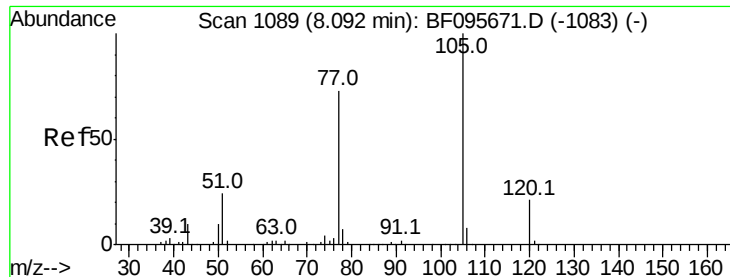
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->

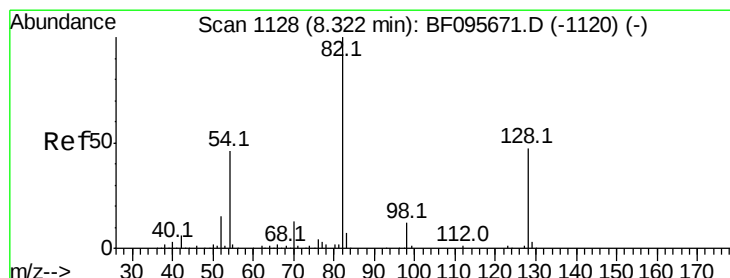
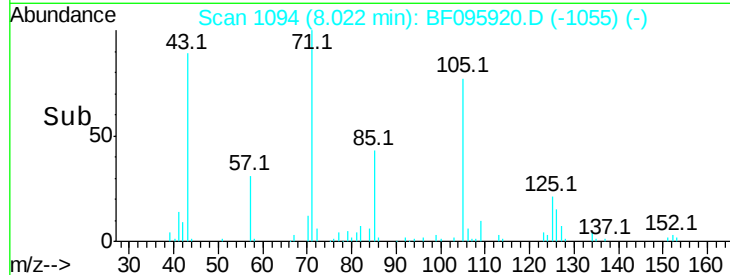
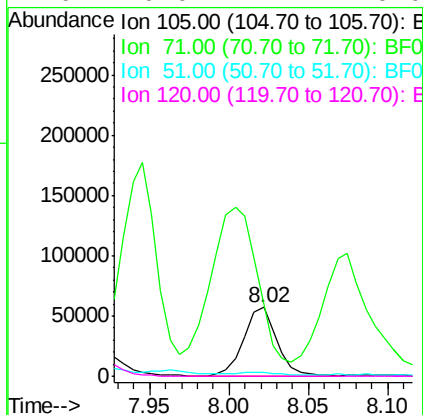
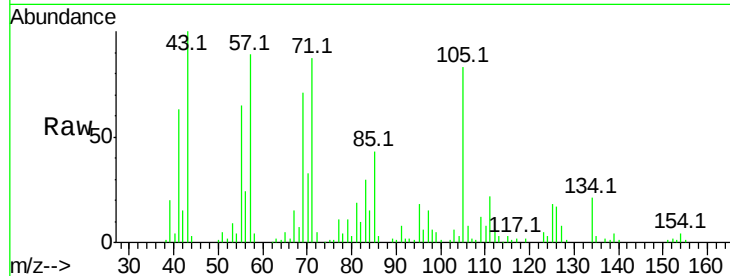




#22
Acetophenone
Concen: 18.06 ng
RT: 8.02 min Scan# 1094
Delta R.T. -0.07 min
Lab File: BF095920.D
Acq: 14 Jun 2017 7:13

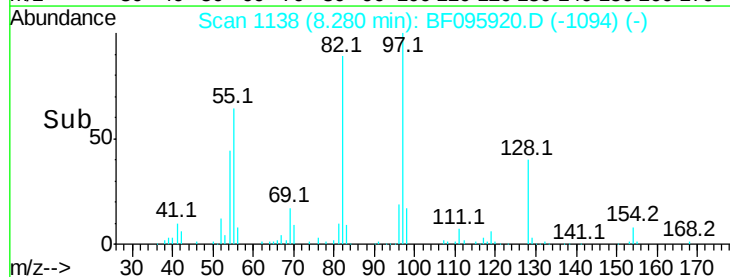
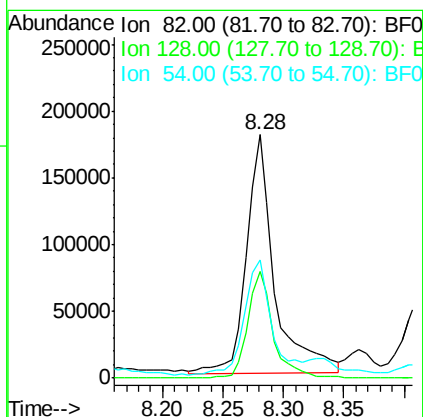
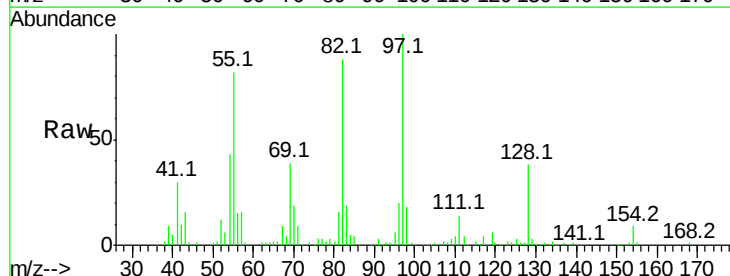
Instrument :
BNA_F
ClientSampleId :

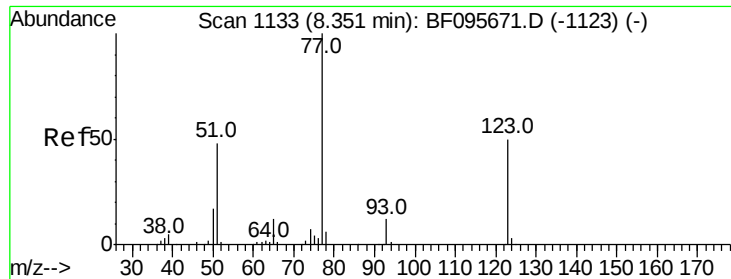
Tot Ion:105 Resp: 80865
Ion Ratio Lower Upper
105 100
71 103.7 2.8 4.2#
51 5.8 30.7 46.1#
120 0.0 17.4 26.0#



#23
Nitrobenzene-d5
Concen: 94.66 ng
RT: 8.28 min Scan# 1138
Delta R.T. -0.04 min
Lab File: BF095920.D
Acq: 14 Jun 2017 7:13

Tgt Ion: 82 Resp: 291518
Ion Ratio Lower Upper
82 100
128 43.9 34.0 51.0
54 48.8 42.2 63.2

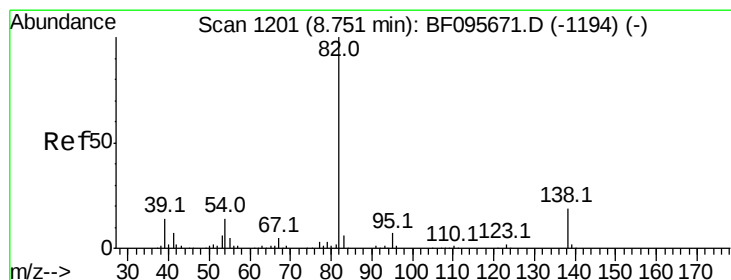
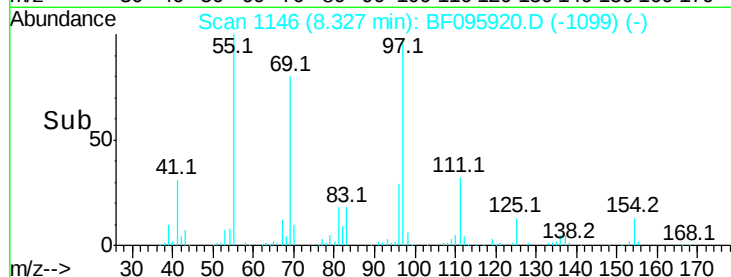
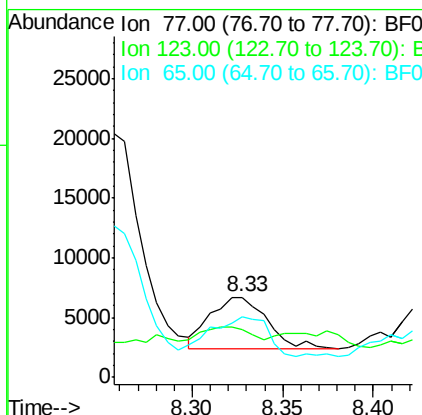
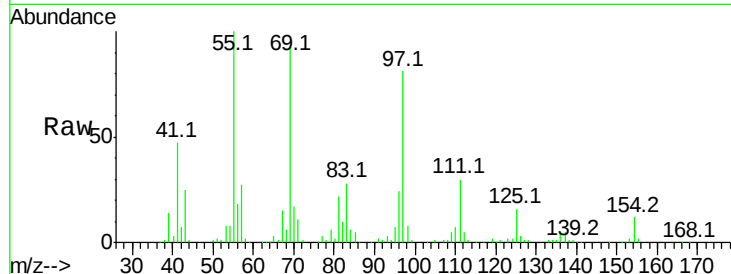




#24
Nitrobenzene
Concen: 2.83 ng
RT: 8.33 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF095920.D
Acq: 14 Jun 2017 7:13

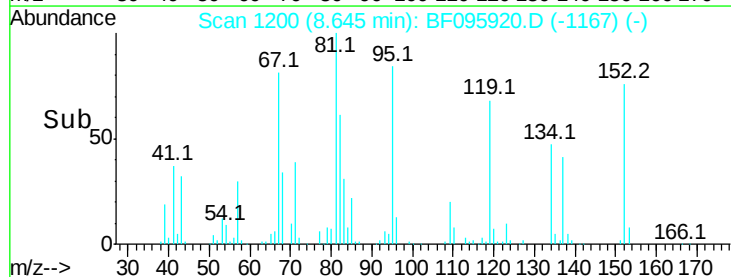
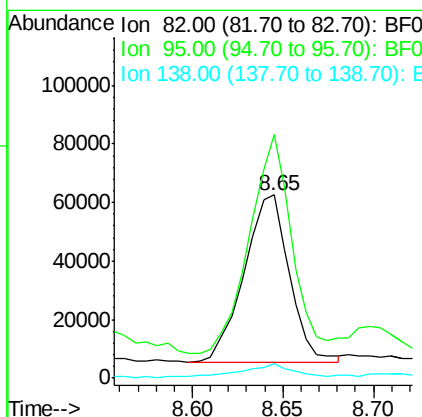
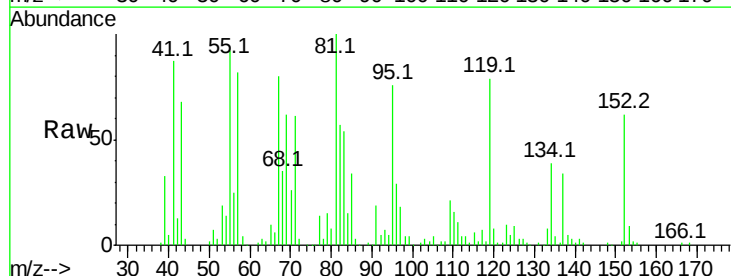
Instrument :
BNA_F
ClientSampleId :

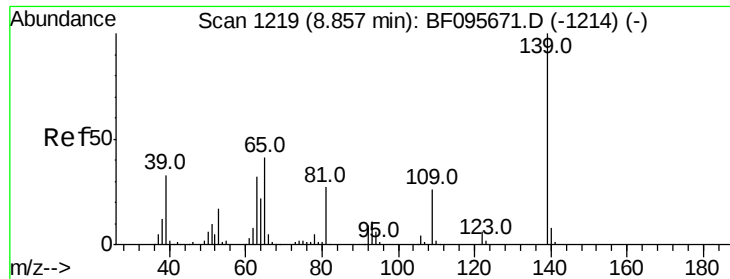
Tot Ion: 77 Resp: 9308
Ion Ratio Lower Upper
77 100
123 58.8 35.8 53.8#
65 74.9 10.6 15.8#



#25
Isophorone
Concen: 17.38 ng
RT: 8.65 min Scan# 1200
Delta R.T. -0.11 min
Lab File: BF095920.D
Acq: 14 Jun 2017 7:13

Tgt Ion: 82 Resp: 99937
Ion Ratio Lower Upper
82 100
95 132.8 5.3 7.9#
138 8.1 13.1 19.7#





#26

2-Nitrophenol

Concen: 11.44 ng

RT: 8.87 min Scan# 1239

Delta R.T. 0.02 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

Instrument :

BNA_F

ClientSampleId :

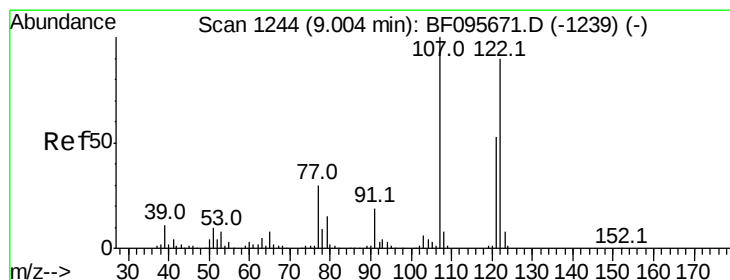
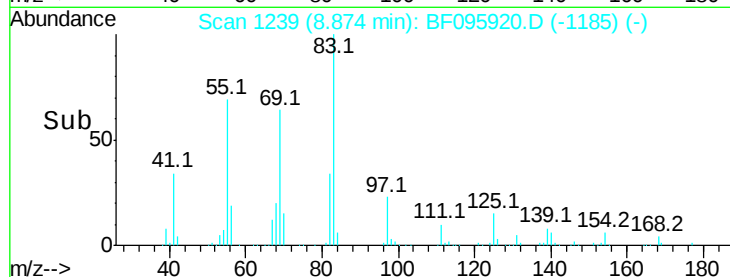
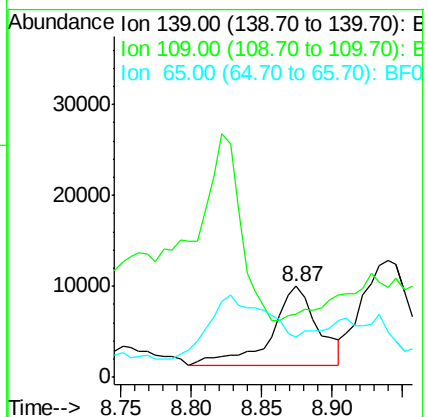
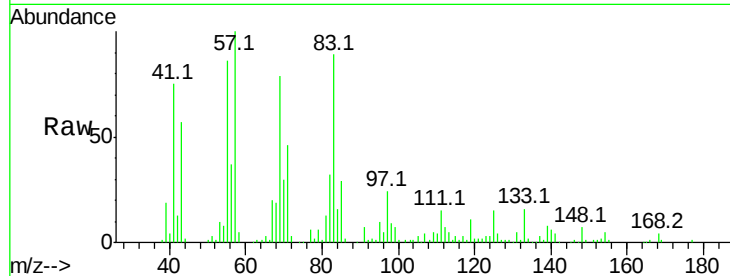
Tot Ion:139 Resp: 19698

Ion Ratio Lower Upper

139 100

109 69.2 21.0 31.6#

65 43.9 33.0 49.6



#27

2,4-Dimethylphenol

Concen: 10.81 ng

RT: 8.98 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

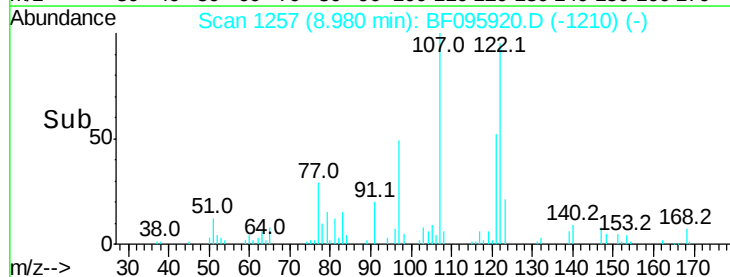
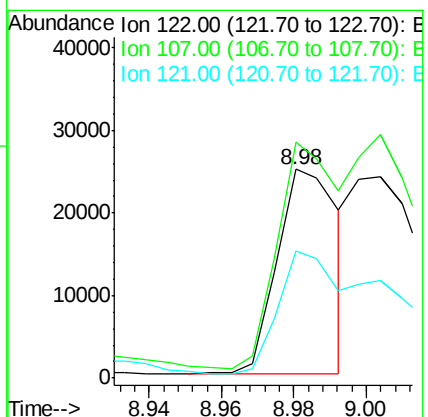
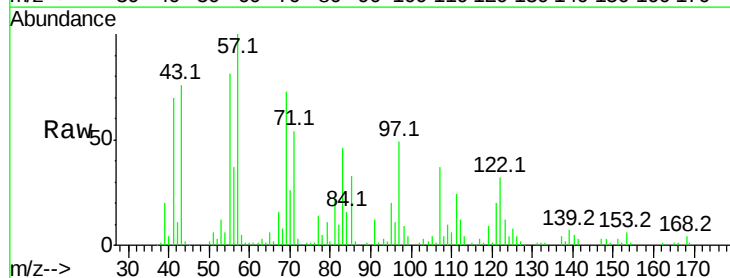
Tgt Ion:122 Resp: 28900

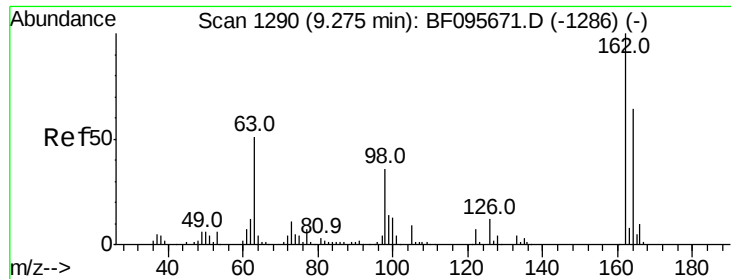
Ion Ratio Lower Upper

122 100

107 113.4 89.2 133.8

121 60.6 45.2 67.8





#29

2,4-Dichlorophenol

Concen: 3.38 ng

RT: 9.23 min Scan# 1299

Delta R.T. -0.05 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

Instrument :

BNA_F

ClientSampleId :

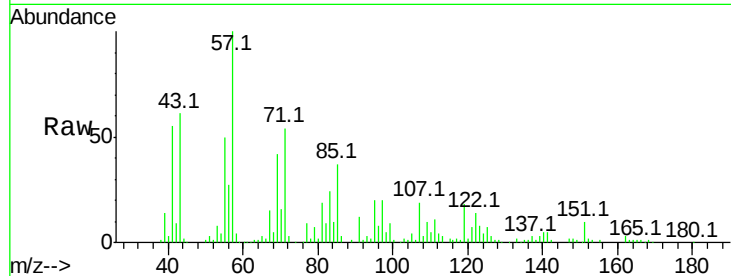
Tot Ion:162 Resp: 8704

Ion Ratio Lower Upper

162 100

164 20.9 44.6 84.6#

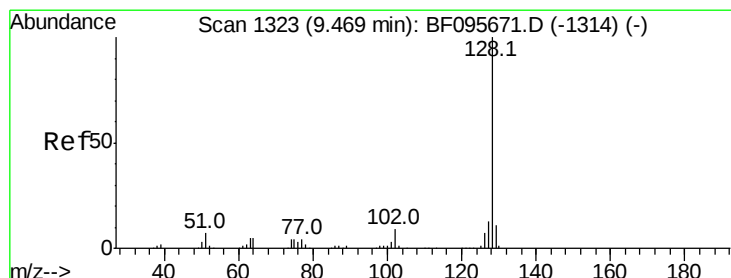
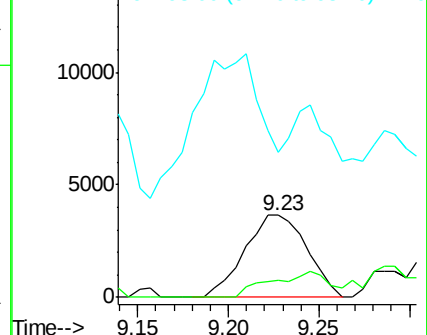
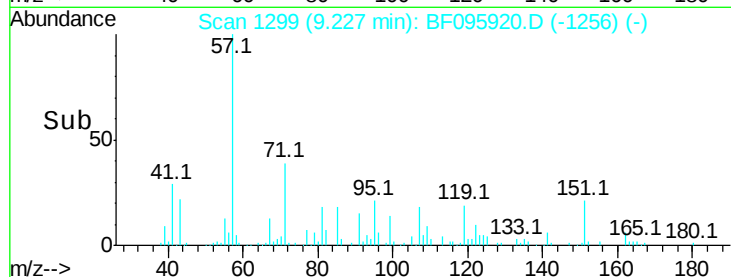
98 176.5 14.8 54.8#



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): B



#31

Naphthalene

Concen: 11.68 ng

RT: 9.44 min Scan# 1335

Delta R.T. -0.03 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

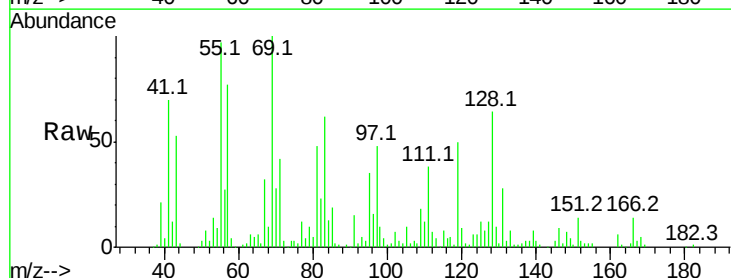
Tgt Ion:128 Resp: 112077

Ion Ratio Lower Upper

128 100

129 15.3 9.0 13.6#

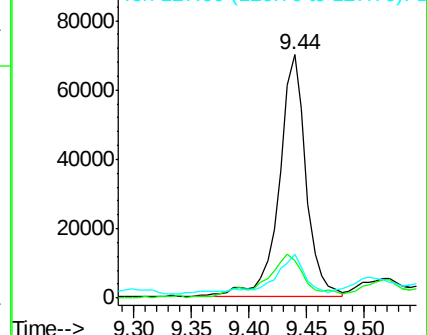
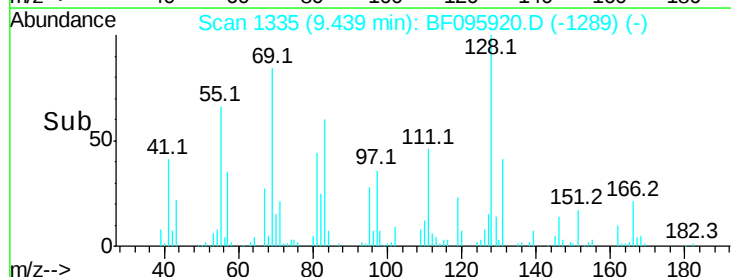
127 18.1 10.8 16.2#

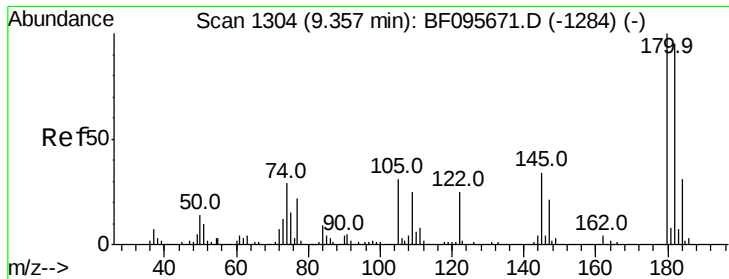


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 14.81 ng

RT: 9.29 min Scan# 1309

Delta R.T. -0.07 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

Instrument :

BNA_F

ClientSampled :

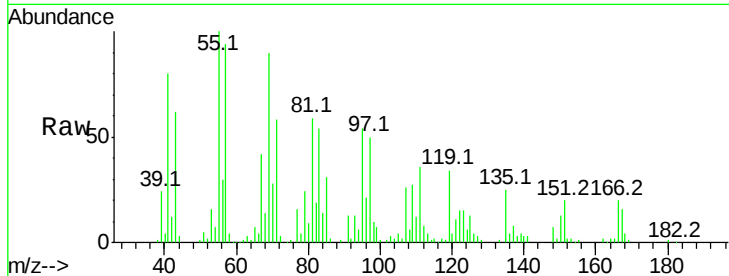
Tot Ion:122 Resp: 18131

Ion Ratio Lower Upper

122 100

105 28.4 103.3 143.3#

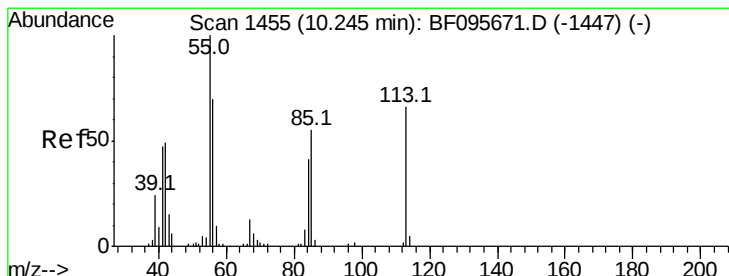
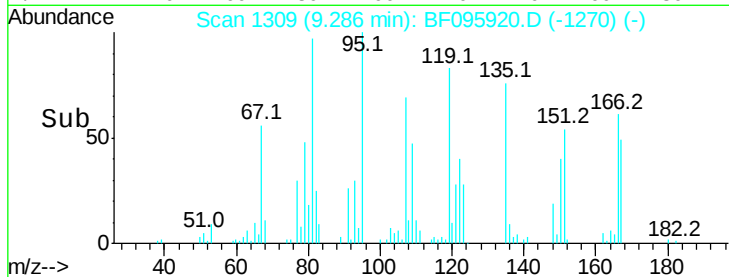
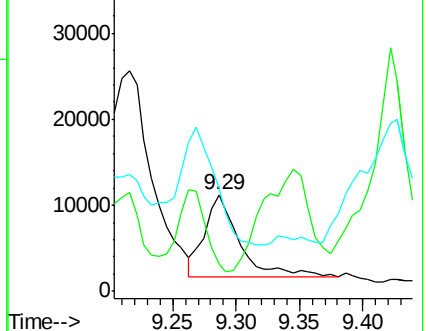
77 106.7 73.7 113.7



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



#35

Caprolactam

Concen: 212.47 ng

RT: 10.25 min Scan# 1473

Delta R.T. 0.01 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

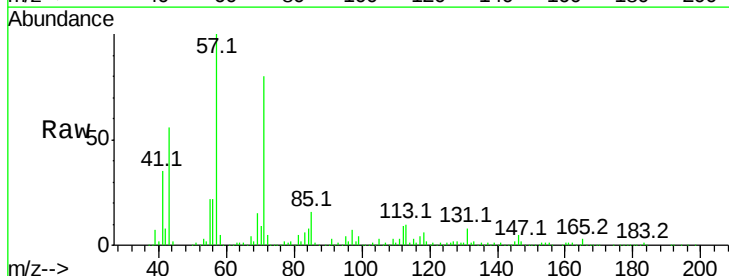
Tgt Ion:113 Resp: 162772

Ion Ratio Lower Upper

113 100

55 208.7 150.2 190.2#

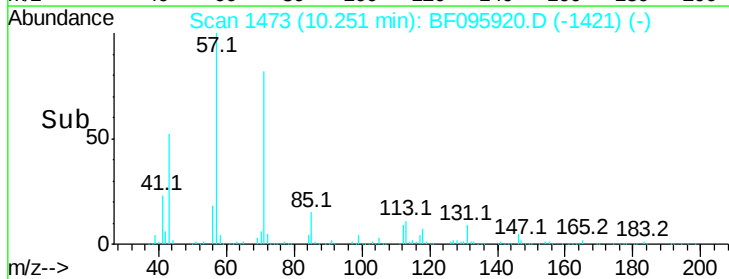
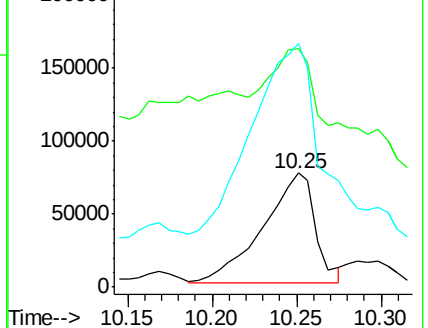
56 213.2 107.8 147.8#

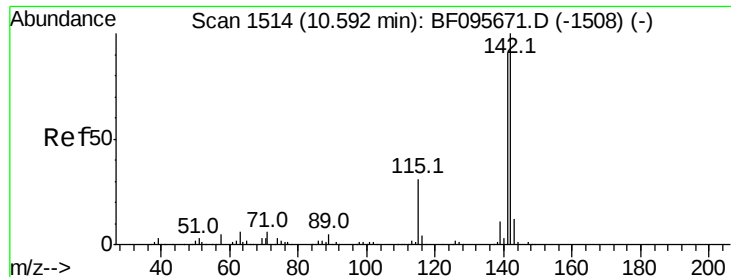


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

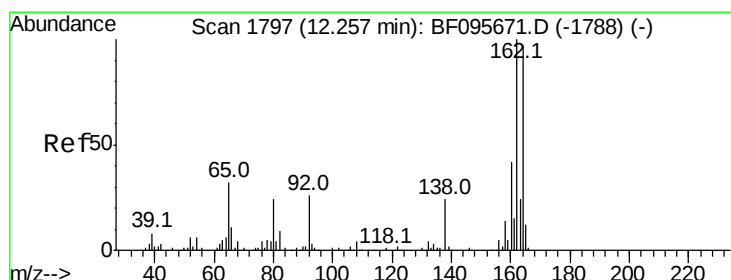
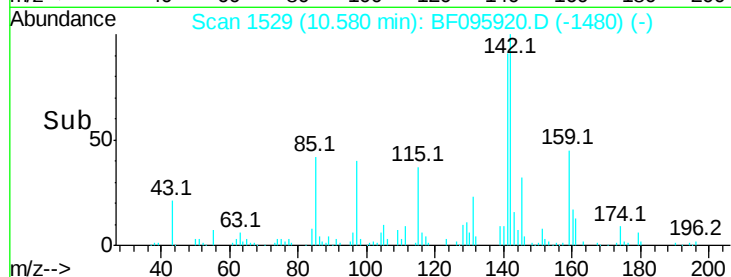
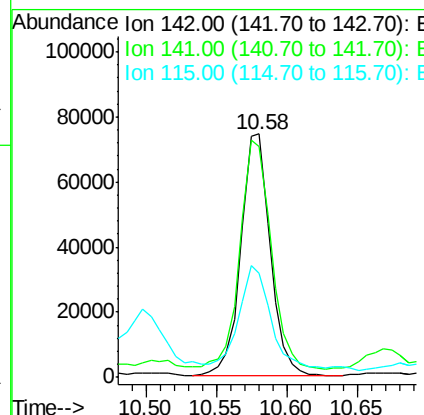
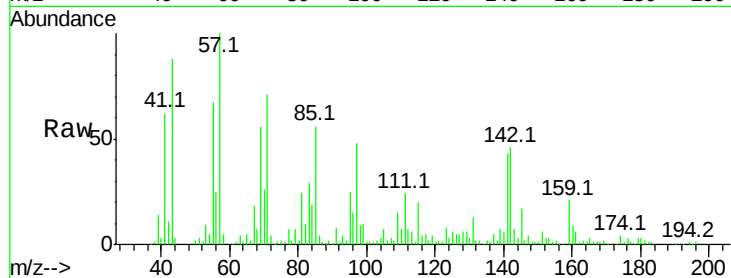




#37
2-Methylnaphthalene
Concen: 16.70 ng
RT: 10.58 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF095920.D
Acq: 14 Jun 2017 7:13

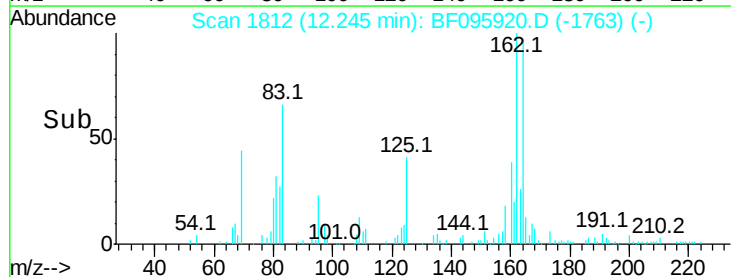
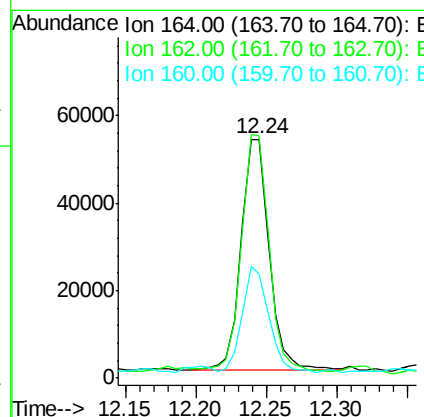
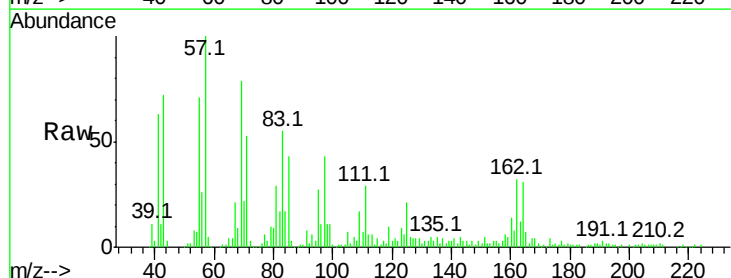
Instrument :
BNA_F
ClientSampled :

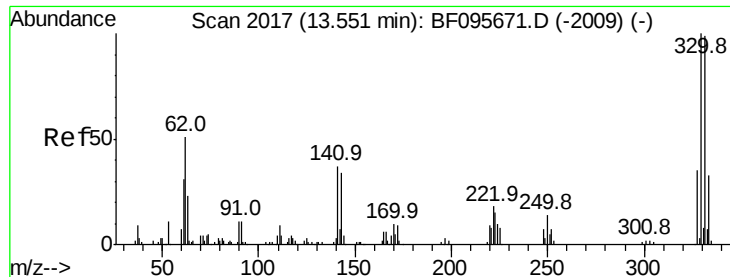
Tot Ion	Ratio	Lower	Upper
142	100		
141	95.1	71.3	106.9
115	42.8	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF095920.D
Acq: 14 Jun 2017 7:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	43.6	36.2	54.2

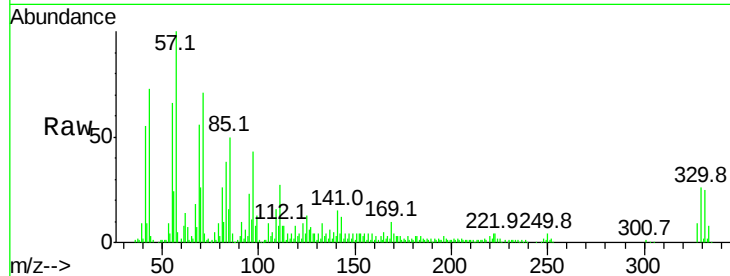




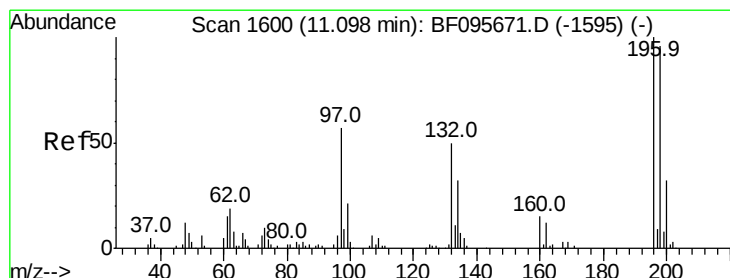
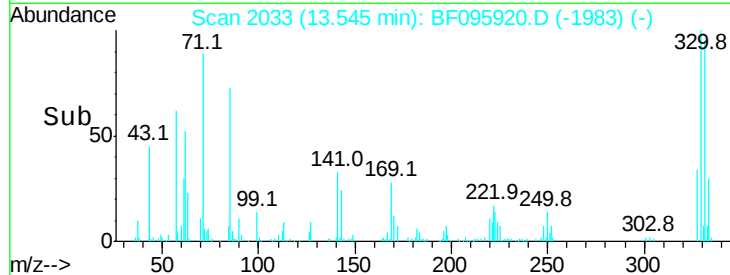
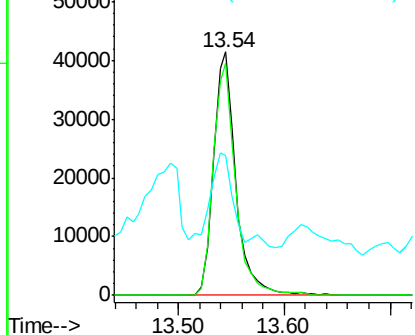
#41
 2,4,6-Tribromophenol
 Concen: 94.96 ng
 RT: 13.54 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095920.D
 Acq: 14 Jun 2017 7:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 61887
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 37.7 31.4 47.2

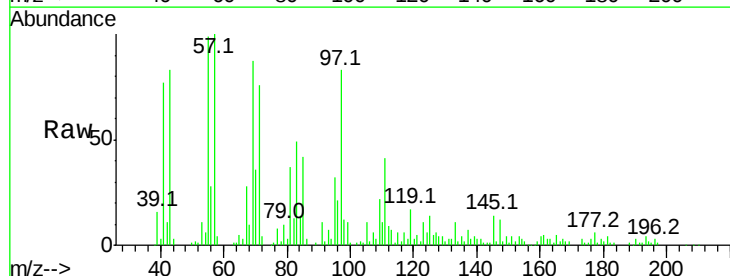


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

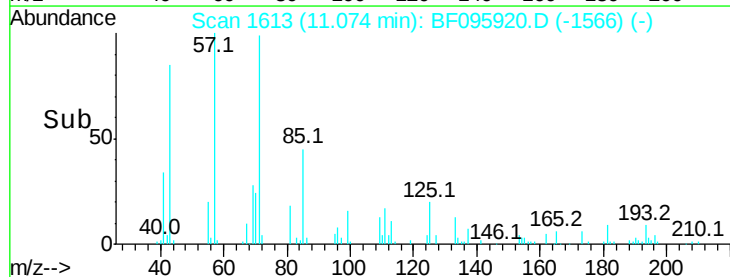
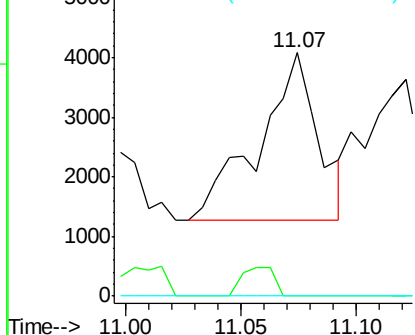


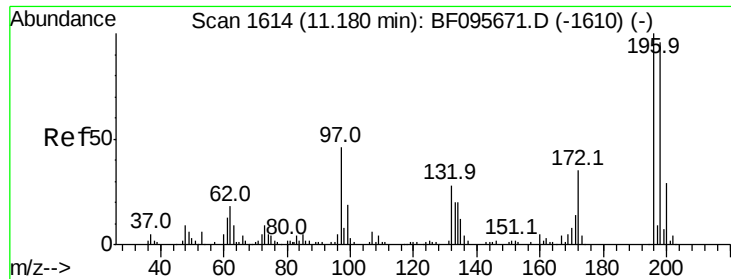
#42
 2,4,6-Trichlorophenol
 Concen: 3.53 ng
 RT: 11.07 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF095920.D
 Acq: 14 Jun 2017 7:13

Tgt Ion:196 Resp: 5006
 Ion Ratio Lower Upper
 196 100
 198 0.0 74.2 111.4#
 200 0.0 24.0 36.0#



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

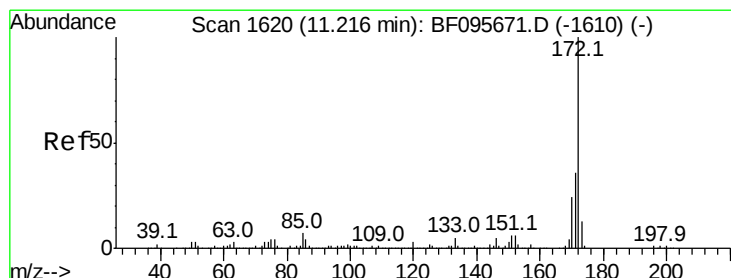
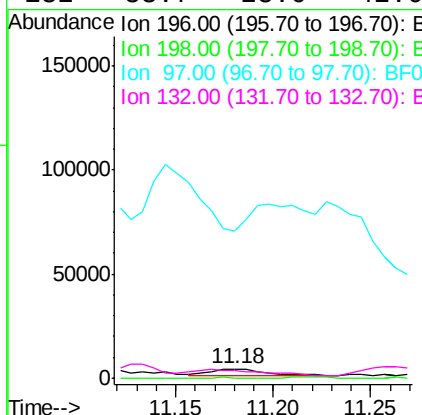
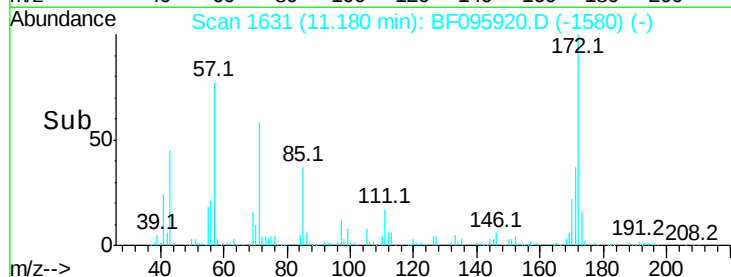
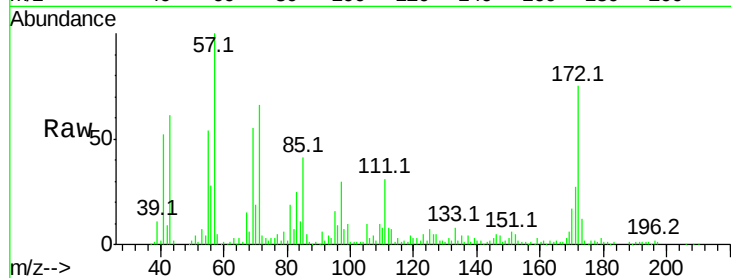




#43
 2,4,5-Trichlorophenol
 Concen: 3.49 ng
 RT: 11.18 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BF095920.D
 Acq: 14 Jun 2017 7:13

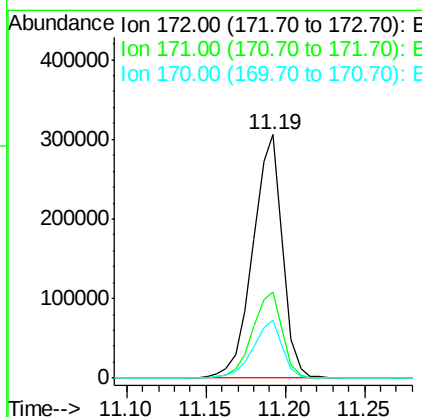
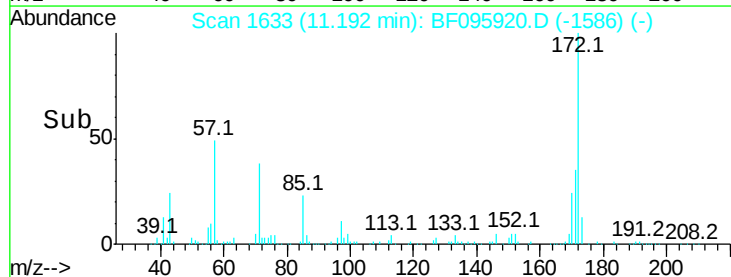
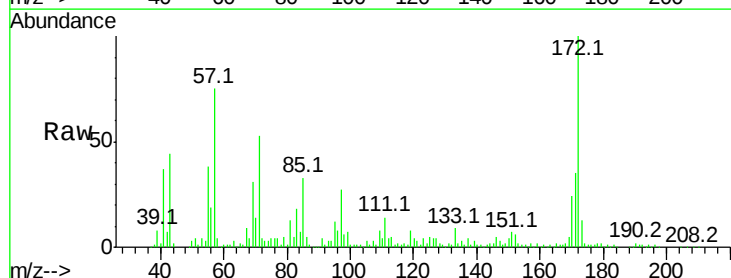
Instrument :
 BNA_F
 ClientSampleId :

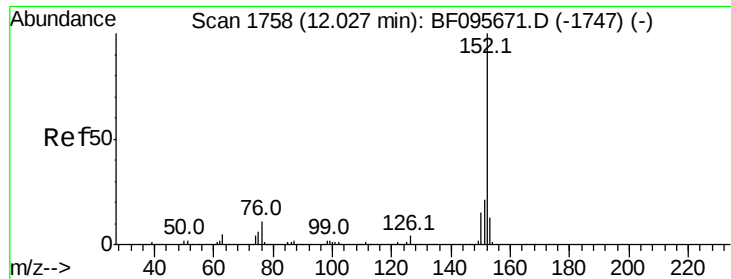
Tot Ion:196 Resp: 5254
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.7 113.5#
 97 1638.2 47.7 71.5#
 132 83.7 28.0 42.0#



#44
 2-Fluorobiphenyl
 Concen: 74.47 ng
 RT: 11.19 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095920.D
 Acq: 14 Jun 2017 7:13

Tgt Ion:172 Resp: 394185
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 23.7 19.8 29.8





#48

Acenaphthylene

Concen: 2.19 ng

RT: 12.02 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

Instrument :

BNA_F

ClientSampled :

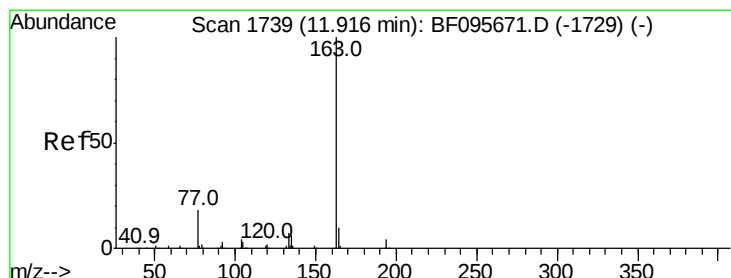
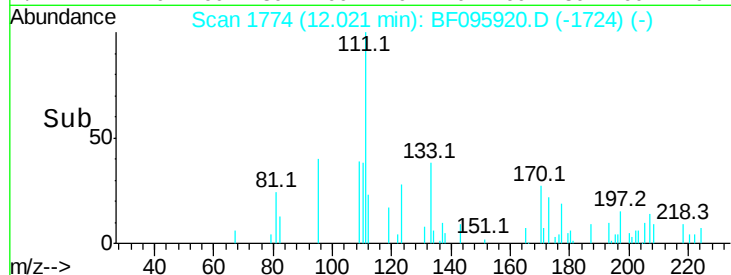
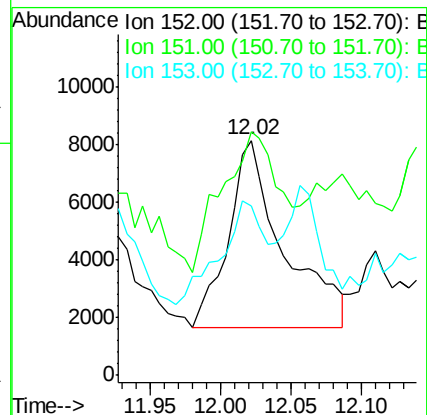
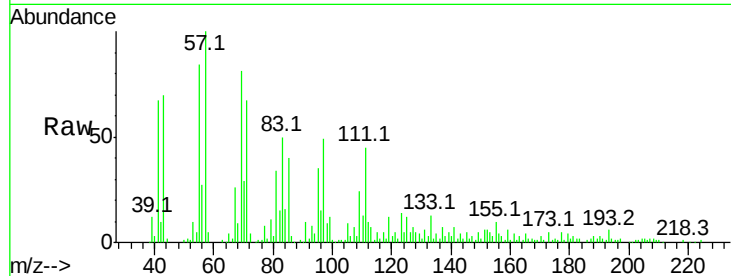
Tot Ion:152 Resp: 17735

Ion Ratio Lower Upper

152 100

151 103.8 16.8 25.2#

153 72.2 10.8 16.2#



#49

Dimethylphthalate

Concen: 7.24 ng

RT: 11.87 min Scan# 1749

Delta R.T. -0.04 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

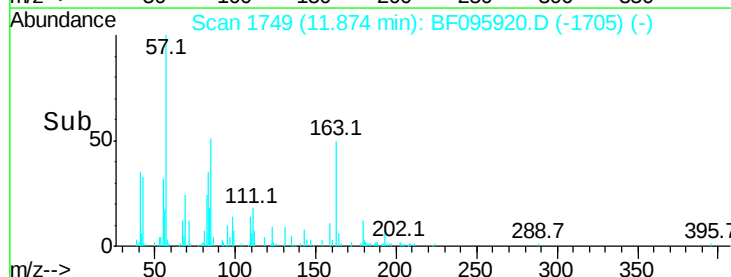
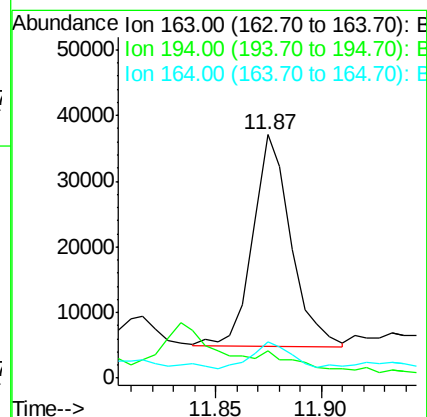
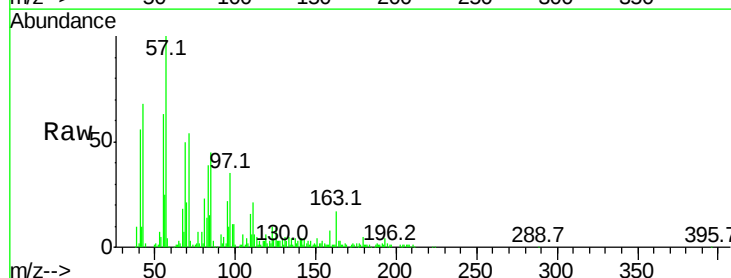
Tgt Ion:163 Resp: 40483

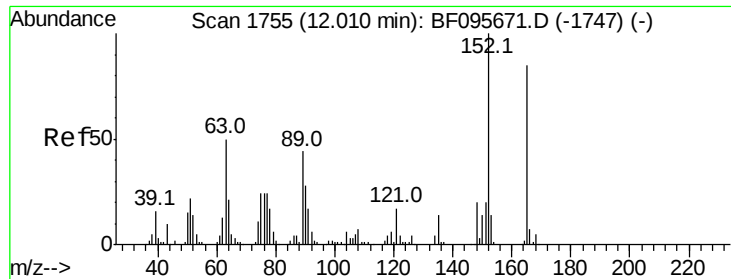
Ion Ratio Lower Upper

163 100

194 11.2 2.6 4.0#

164 15.1 8.4 12.6#

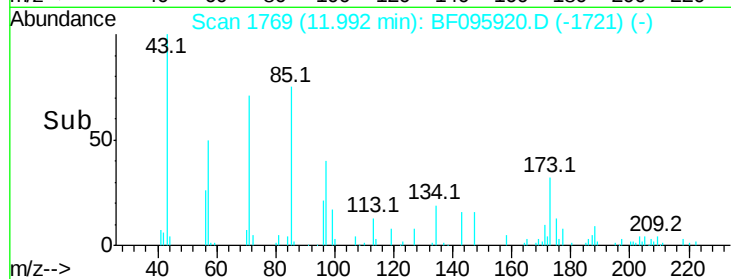
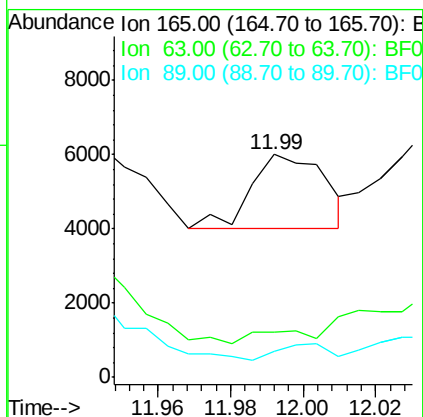
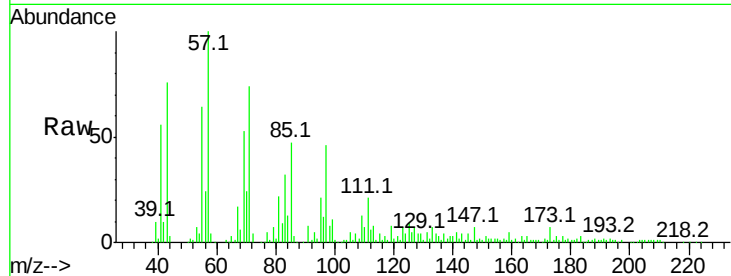




#50
2,6-Dinitrotoluene
Concen: 2.30 ng
RT: 11.99 min Scan# 1769
Delta R.T. -0.02 min
Lab File: BF095920.D
Acq: 14 Jun 2017 7:13

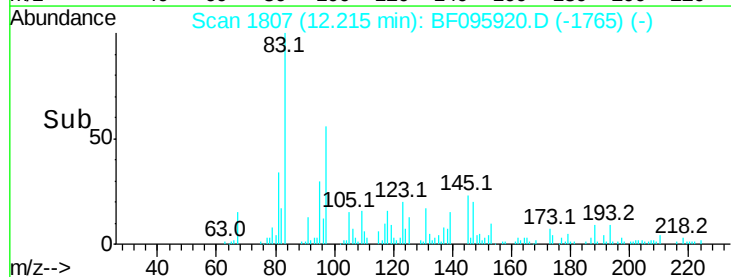
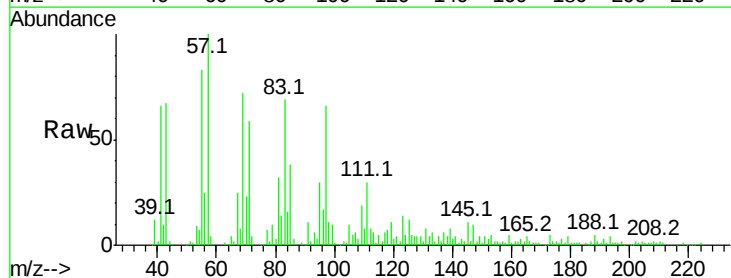
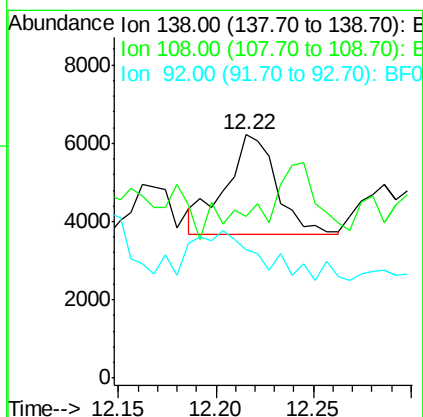
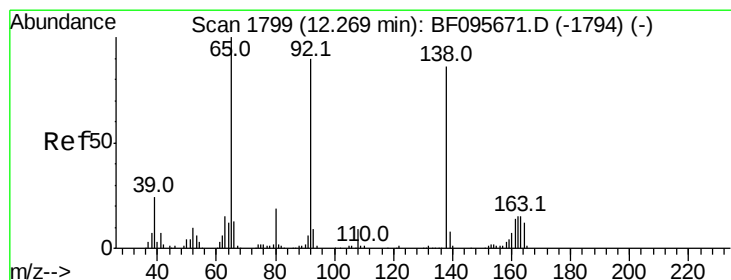
Instrument :
BNA_F
ClientSampleId :

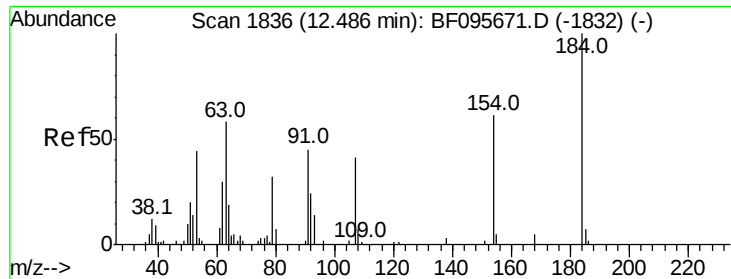
Tot Ion:165 Resp: 2800
Ion Ratio Lower Upper
165 100
63 20.3 34.3 51.5#
89 11.5 37.1 55.7#



#52
3-Nitroaniline
Concen: 3.28 ng
RT: 12.22 min Scan# 1807
Delta R.T. -0.05 min
Lab File: BF095920.D
Acq: 14 Jun 2017 7:13

Tgt Ion:138 Resp: 4661
Ion Ratio Lower Upper
138 100
108 66.2 9.1 13.7#
92 52.6 93.8 140.6#





#53

2,4-Dinitrophenol

Concen: 7.57 ng

RT: 12.46 min Scan# 1849

Delta R.T. -0.02 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

Instrument :

BNA_F

ClientSampleId :

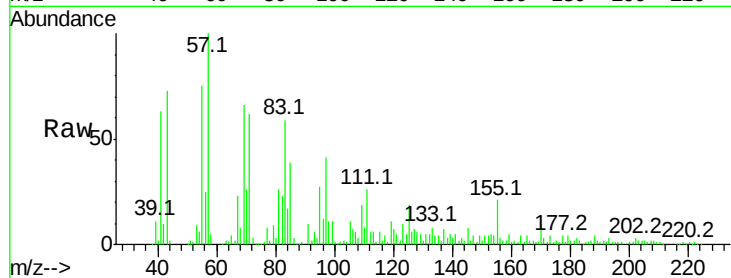
Tot Ion:184 Resp: 823

Ion Ratio Lower Upper

184 100

63 395.3 62.7 94.1#

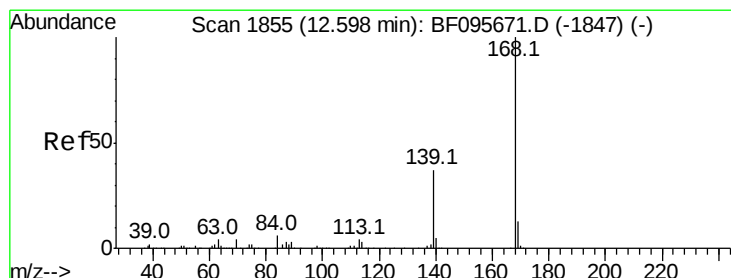
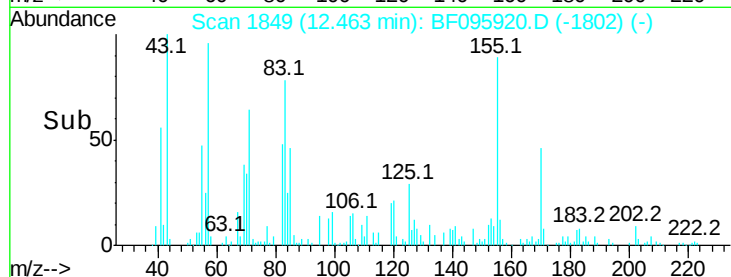
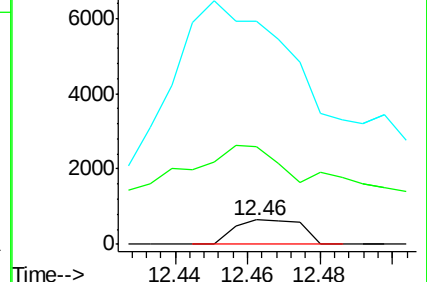
154 907.0 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 2.73 ng

RT: 12.59 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

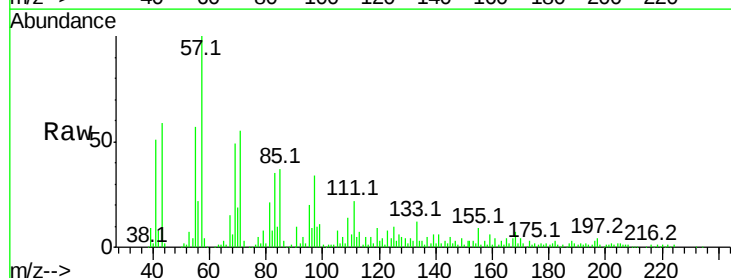
Tgt Ion:168 Resp: 17983

Ion Ratio Lower Upper

168 100

139 90.7 30.6 45.8#

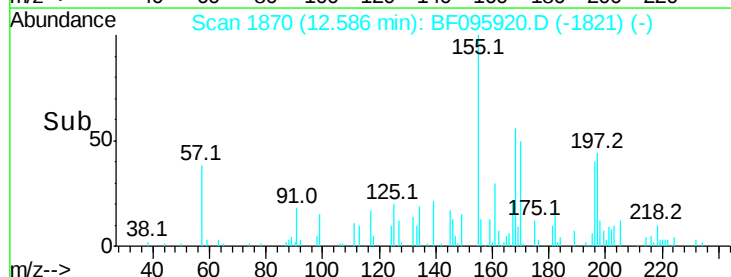
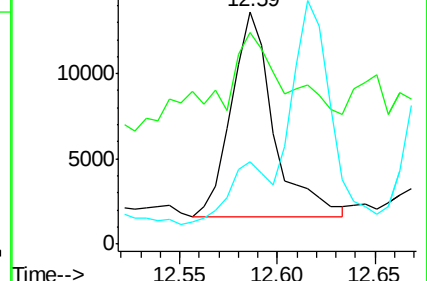
169 35.5 10.8 16.2#

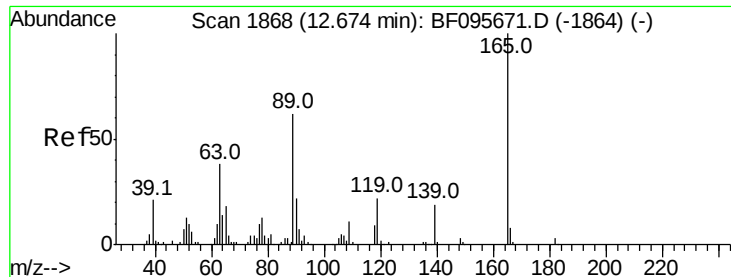


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

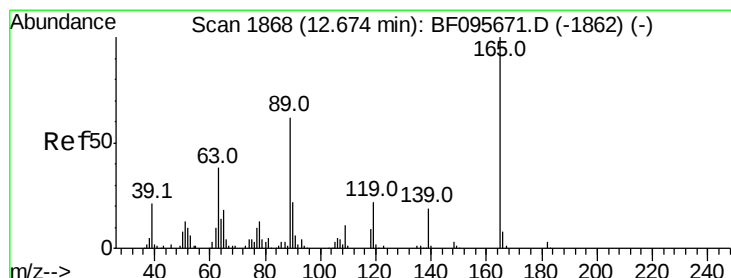
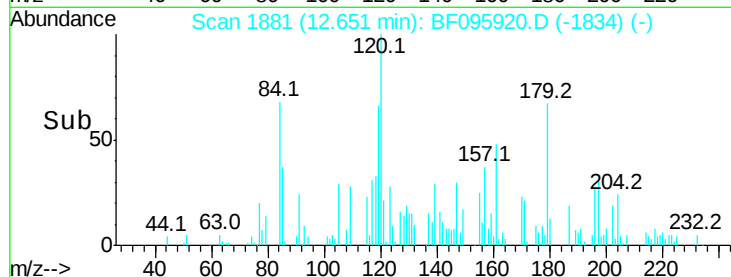
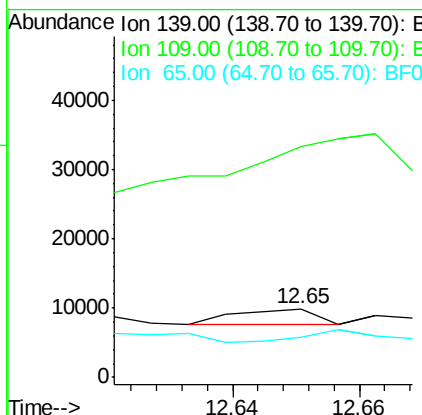
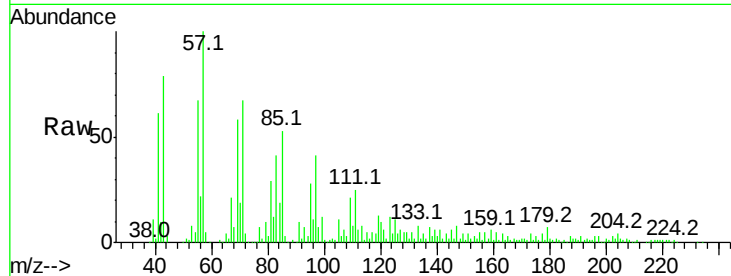




#55
4-Nitrophenol
Concen: 6.93 ng
RT: 12.65 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BF095920.D
Acq: 14 Jun 2017 7:13

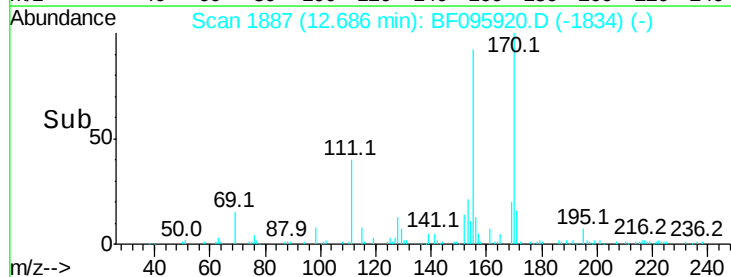
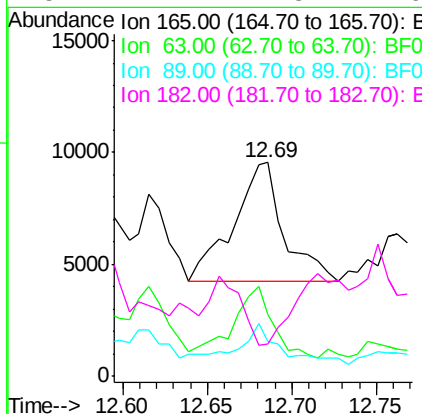
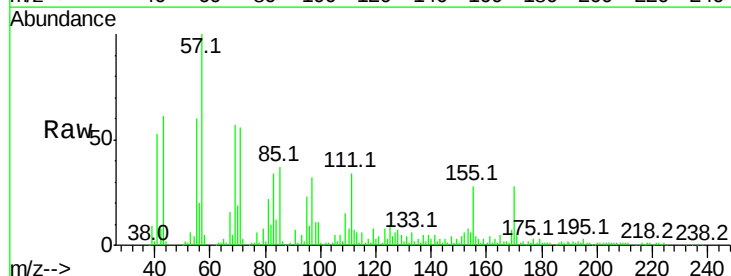
Instrument :
BNA_F
ClientSampled :

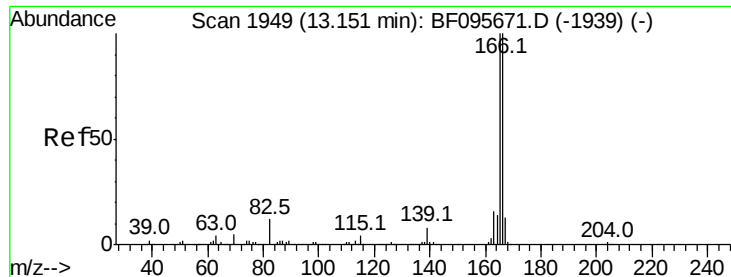
Tot Ion:139 Resp: 2028
Ion Ratio Lower Upper
139 100
109 335.8 34.1 74.1#
65 58.0 31.4 71.4



#56
2,4-Dinitrotoluene
Concen: 6.78 ng
RT: 12.69 min Scan# 1887
Delta R.T. 0.01 min
Lab File: BF095920.D
Acq: 14 Jun 2017 7:13

Tgt Ion:165 Resp: 11178
Ion Ratio Lower Upper
165 100
63 28.9 25.4 38.0
89 16.2 46.4 69.6#
182 14.7 1.8 2.6#





#57

Fluorene

Concen: 4.26 ng

RT: 13.13 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

Instrument :

BNA_F

ClientSampleId :

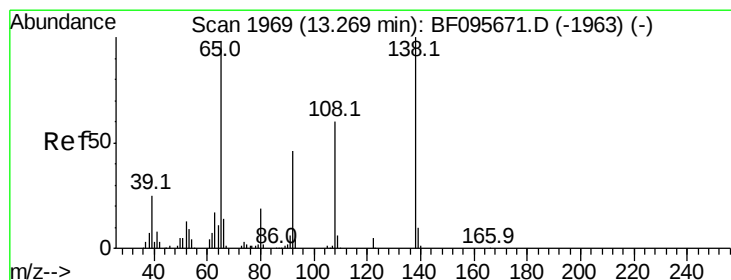
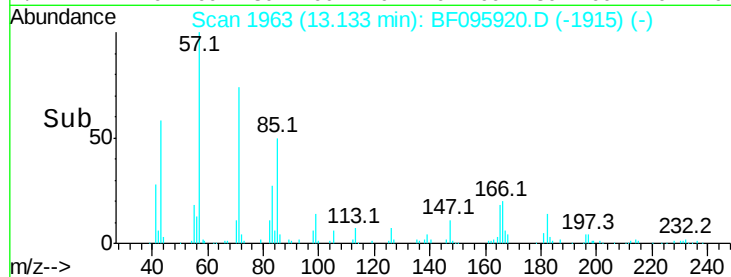
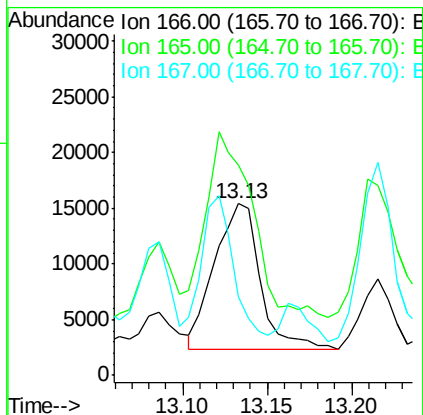
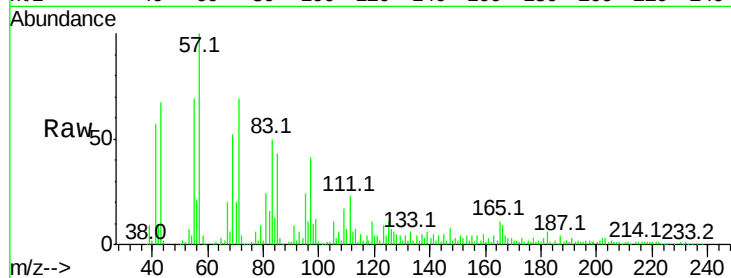
Tot Ion:166 Resp: 24463

Ion Ratio Lower Upper

166 100

165 122.7 78.8 118.2#

167 45.7 10.6 16.0#



#61

4-Nitroaniline

Concen: 2.25 ng

RT: 13.26 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

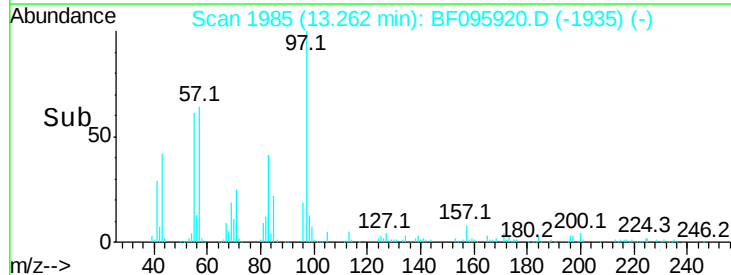
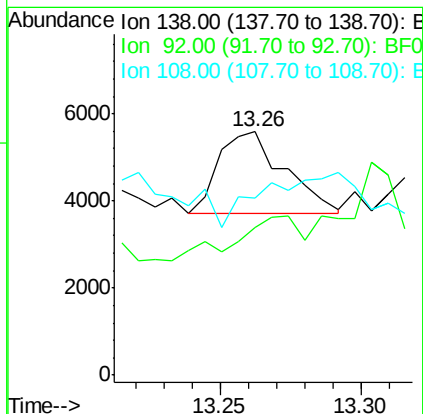
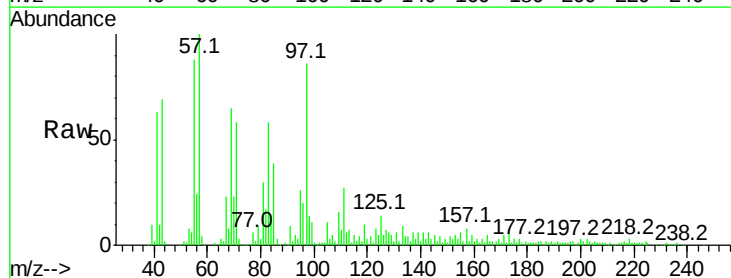
Tgt Ion:138 Resp: 2990

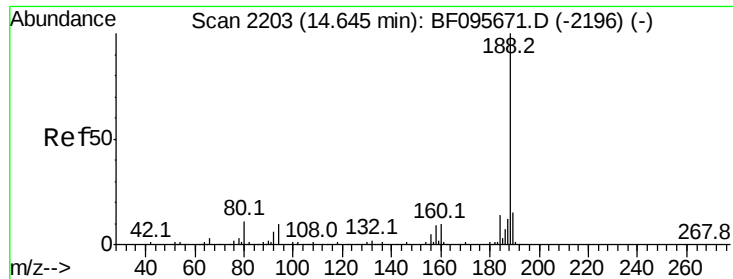
Ion Ratio Lower Upper

138 100

92 60.7 21.8 61.8

108 73.0 42.3 82.3

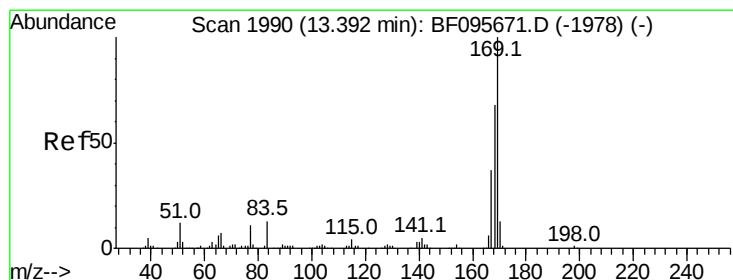
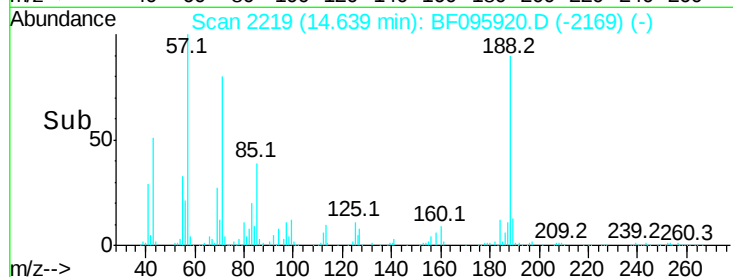
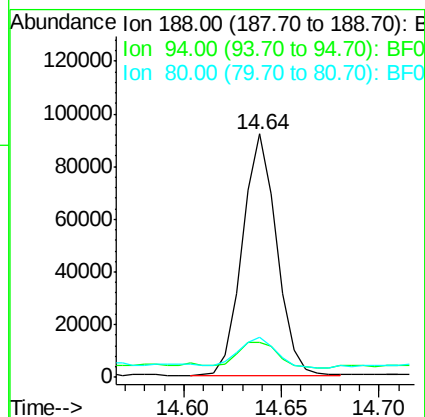
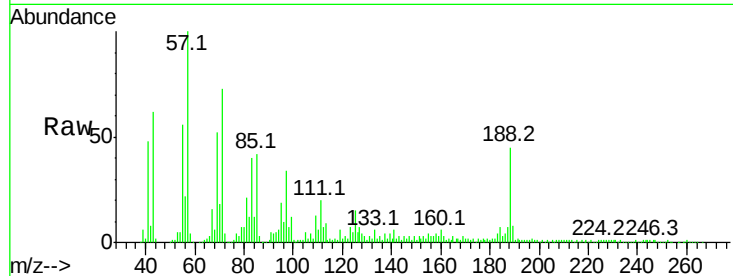




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF095920.D
Acq: 14 Jun 2017 7:13

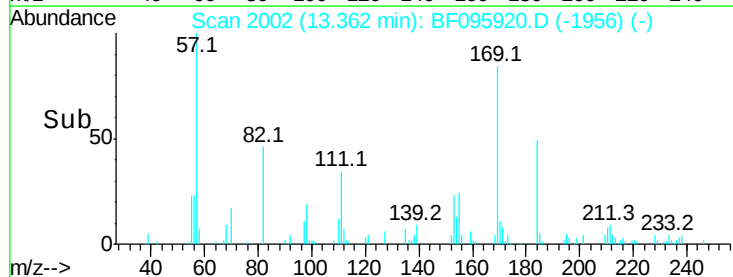
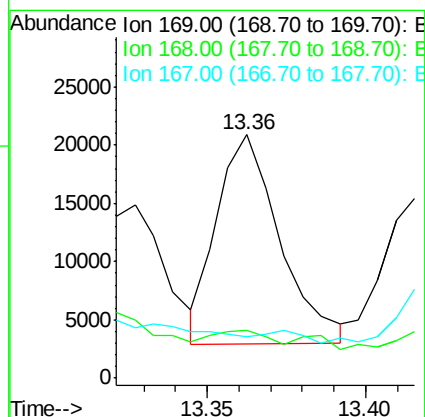
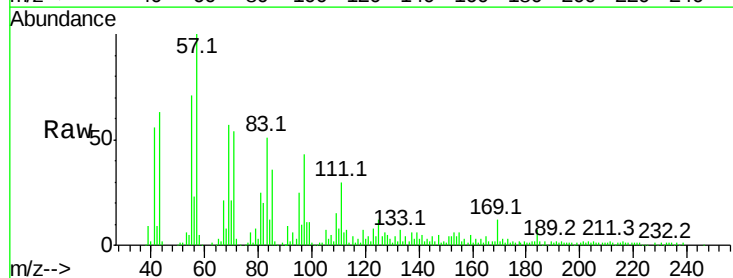
Instrument :
BNA_F
ClientSampleId :

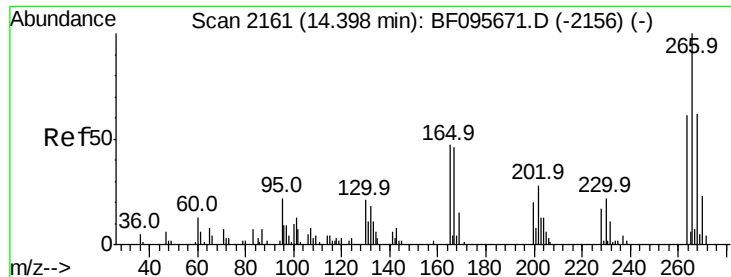
Tot Ion:188 Resp: 111334
Ion Ratio Lower Upper
188 100
94 14.2 9.4 14.2#
80 16.5 10.2 15.2#



#65
n-Nitrosodiphenylamine
Concen: 6.19 ng
RT: 13.36 min Scan# 2002
Delta R.T. -0.03 min
Lab File: BF095920.D
Acq: 14 Jun 2017 7:13

Tgt Ion:169 Resp: 24773
Ion Ratio Lower Upper
169 100
168 19.6 53.2 79.8#
167 17.0 29.5 44.3#

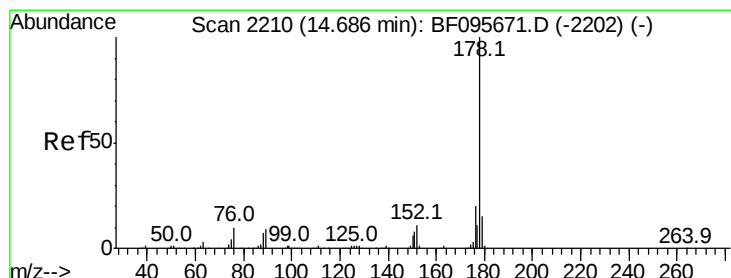
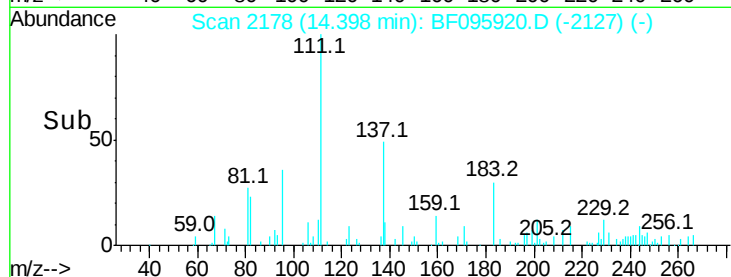
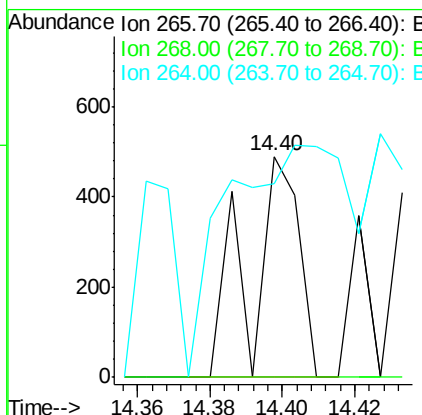
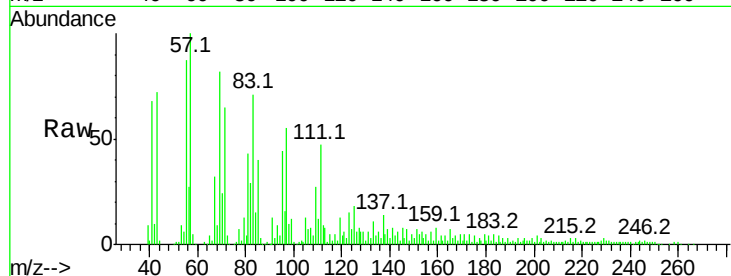




#69
 Pentachlorophenol
 Concen: 7.58 ng
 RT: 14.40 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: BF095920.D
 Acq: 14 Jun 2017 7:13

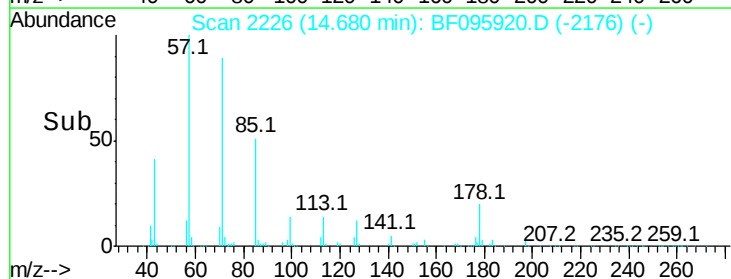
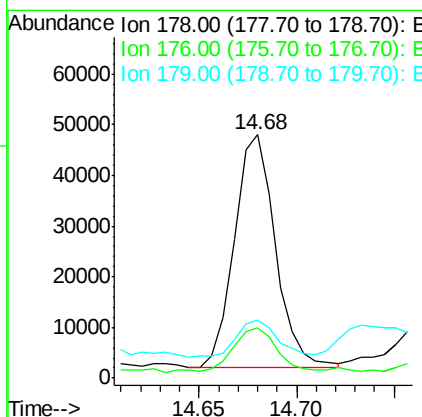
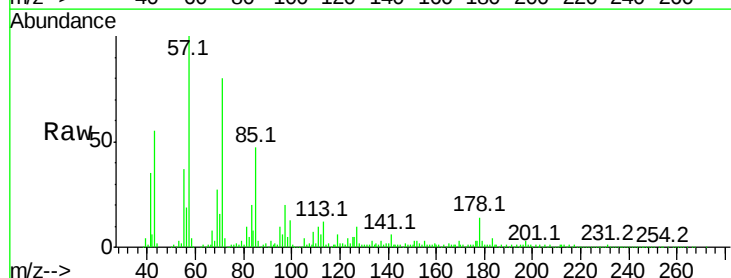
Instrument :
 BNA_F
 ClientSampleId :

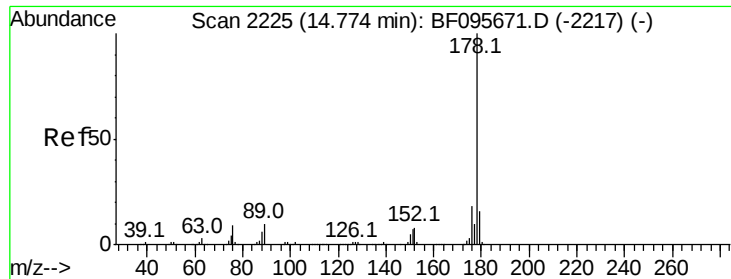
Tot Ion:266 Resp: 462
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.1 76.7#
 264 88.0 51.7 77.5#



#70
 Phenanthrene
 Concen: 10.41 ng
 RT: 14.68 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BF095920.D
 Acq: 14 Jun 2017 7:13

Tgt Ion:178 Resp: 66889
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.2 24.4
 179 23.8 12.6 19.0#

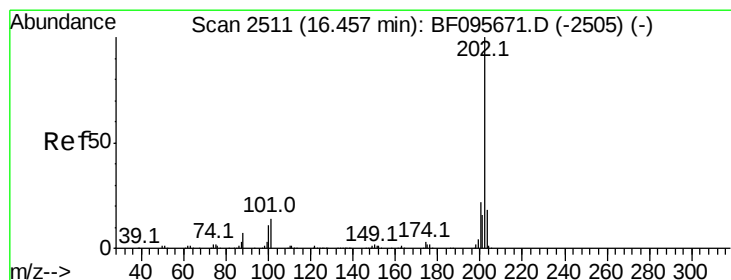
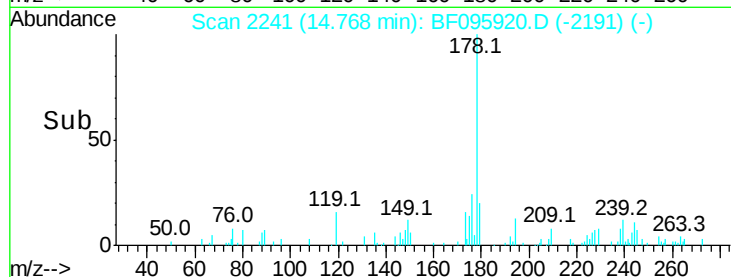
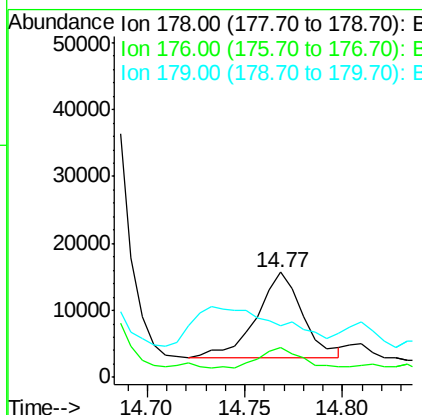
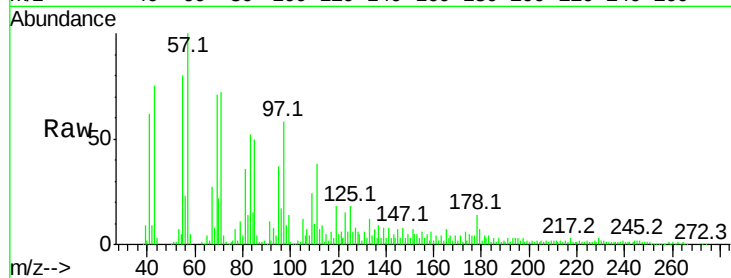




#71
 Anthracene
 Concen: 3.11 ng
 RT: 14.77 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF095920.D
 Acq: 14 Jun 2017 7:13

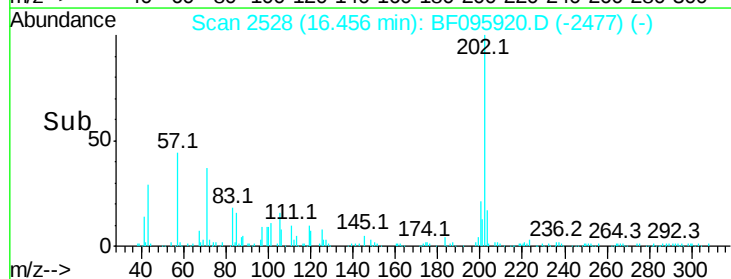
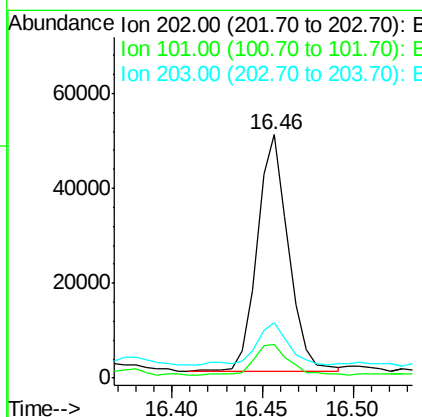
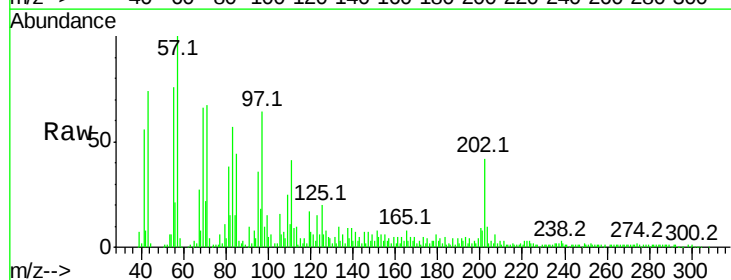
Instrument :
 BNA_F
 ClientSampled :

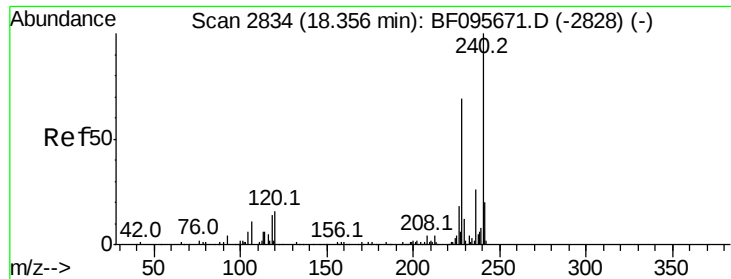
Tot Ion	Ratio	Lower	Upper
178	100		
176	28.8	15.8	23.8#
179	49.0	12.7	19.1#



#74
 Fluoranthene
 Concen: 9.39 ng
 RT: 16.46 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BF095920.D
 Acq: 14 Jun 2017 7:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	22.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.35 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

Instrument :

BNA_F

ClientSampleId :

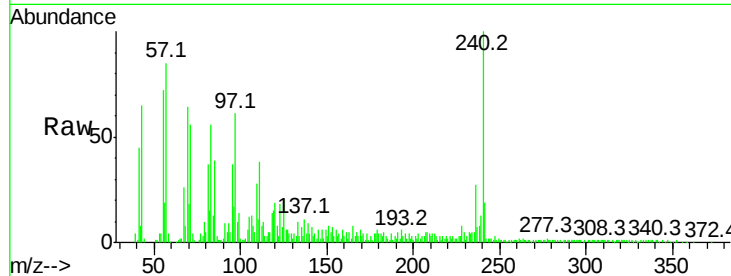
Tot Ion:240 Resp: 103522

Ion Ratio Lower Upper

240 100

120 19.5 5.8 8.8#

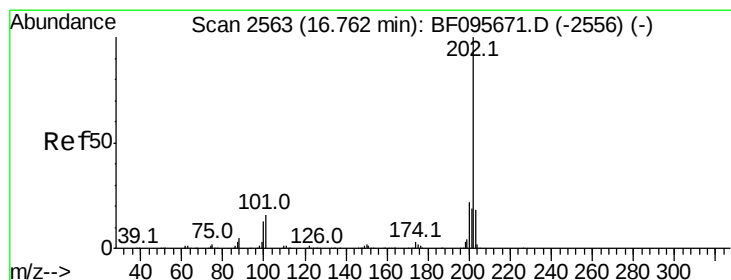
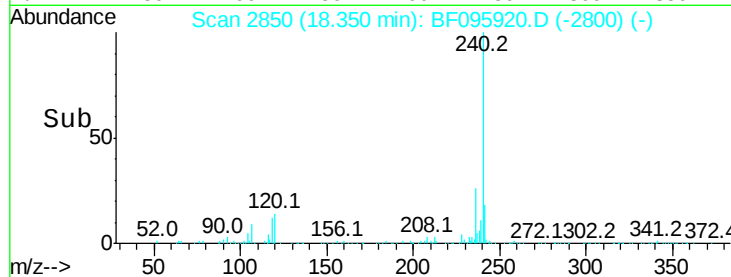
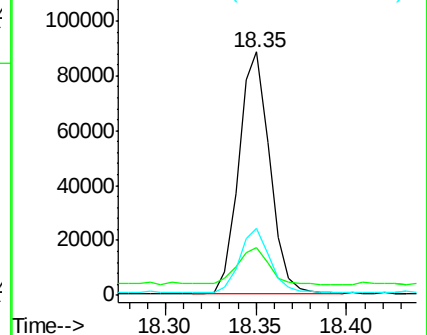
236 27.3 20.5 30.7



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



#77

Pyrene

Concen: 10.18 ng

RT: 16.76 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

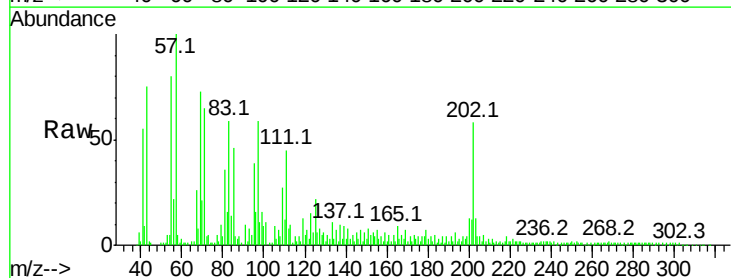
Tgt Ion:202 Resp: 78623

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

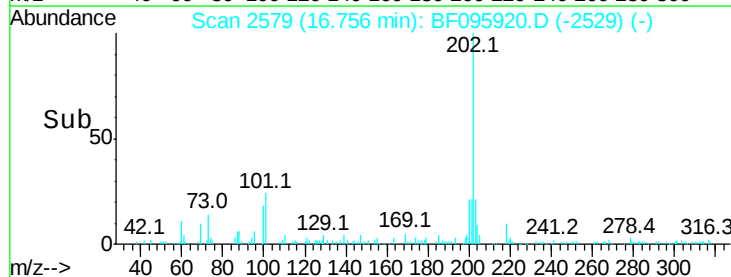
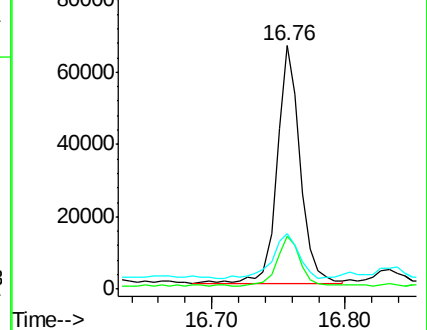
203 23.0 14.4 21.6#

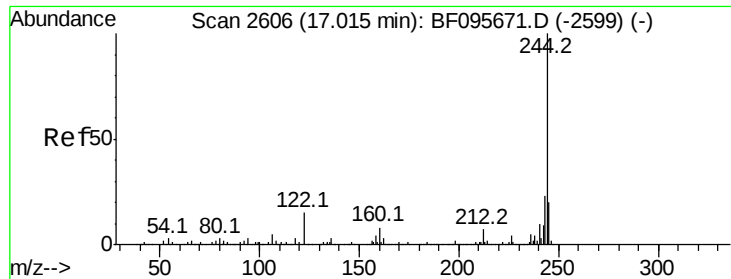


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

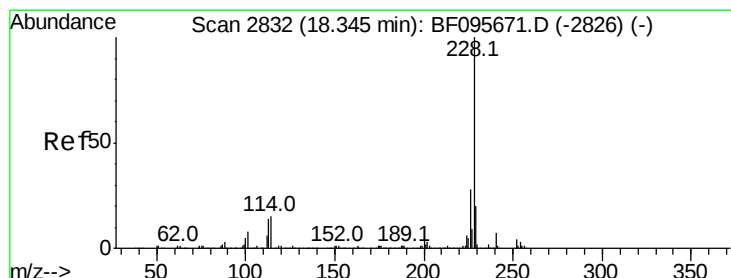
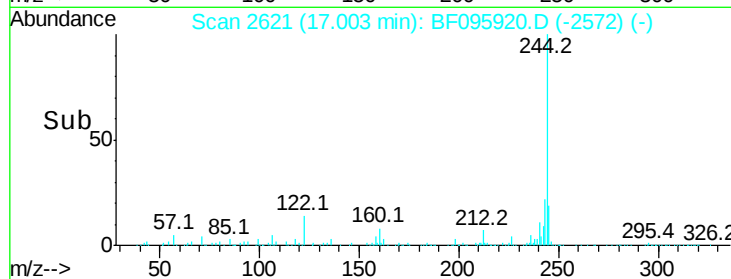
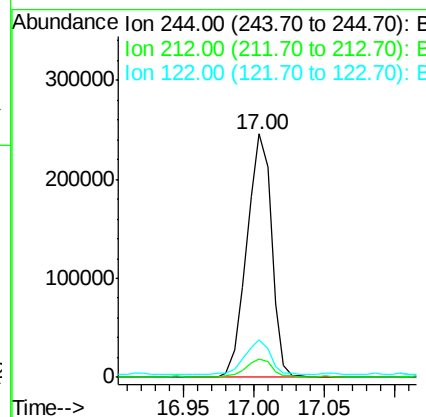
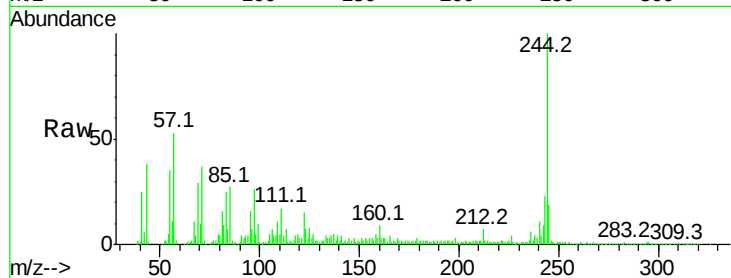




#78
 Terphenyl-d14
 Concen: 72.09 ng
 RT: 17.00 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF095920.D
 Acq: 14 Jun 2017 7:13

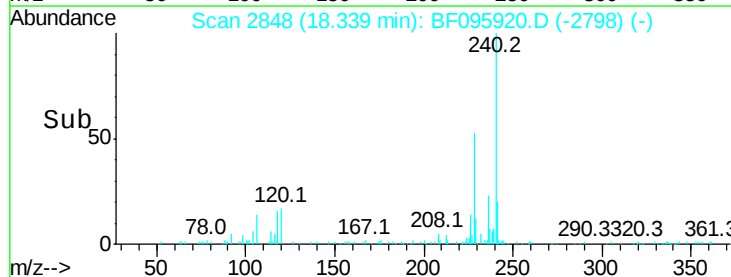
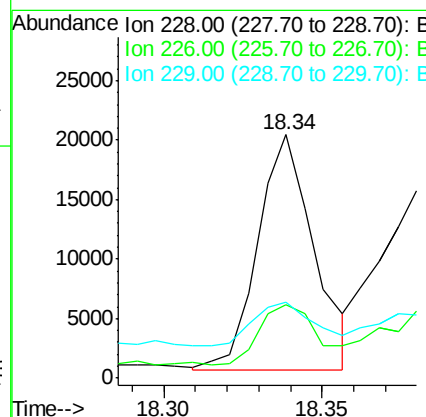
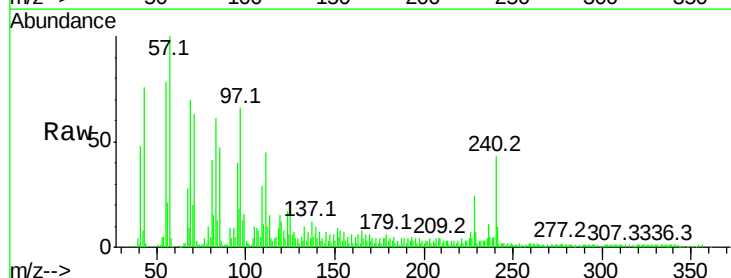
Instrument :
 BNA_F
 ClientSampleId :

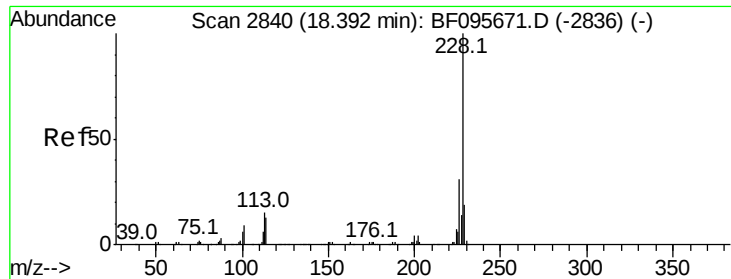
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	15.2	10.3	15.5



#80
 Benzo(a)anthracene
 Concen: 4.05 ng
 RT: 18.34 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095920.D
 Acq: 14 Jun 2017 7:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	33.8
229	31.3	16.3	24.5





#82

Chrysene

Concen: 4.49 ng

RT: 18.38 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

Instrument :

BNA_F

ClientSampleId :

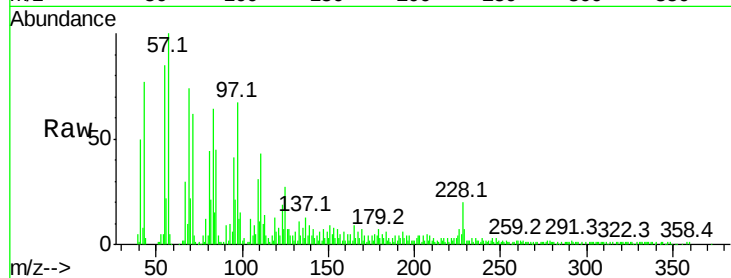
Tot Ion:228 Resp: 27028

Ion Ratio Lower Upper

228 100

226 35.4 24.9 37.3

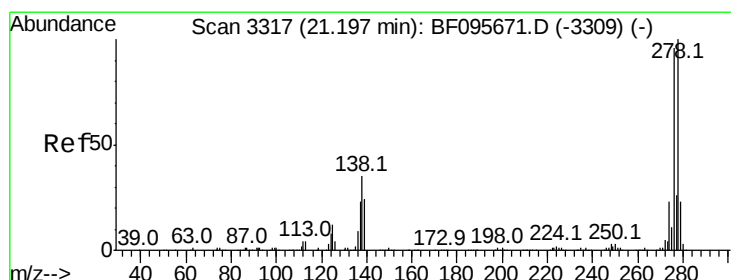
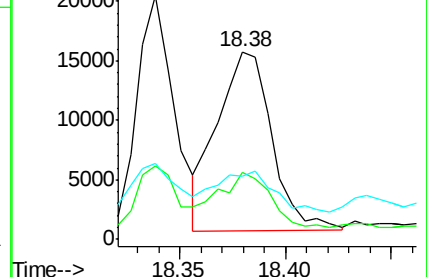
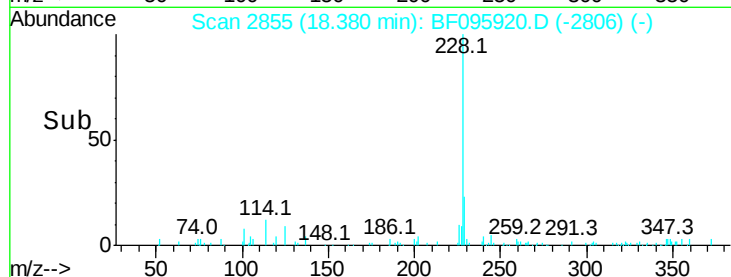
229 33.5 15.8 23.6#



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.42 ng

RT: 21.20 min Scan# 3334

Delta R.T. -0.00 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

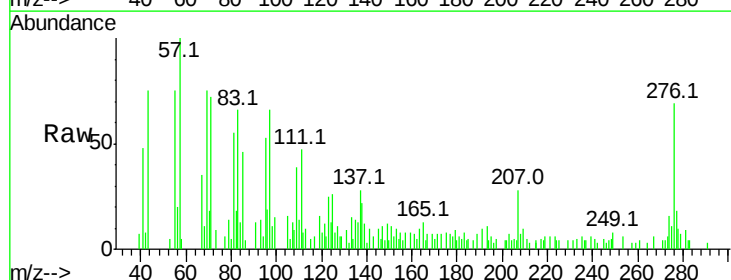
Tgt Ion:276 Resp: 12473

Ion Ratio Lower Upper

276 100

138 30.4 27.8 41.6

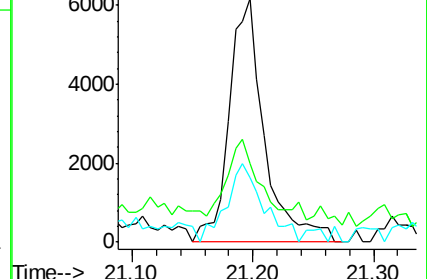
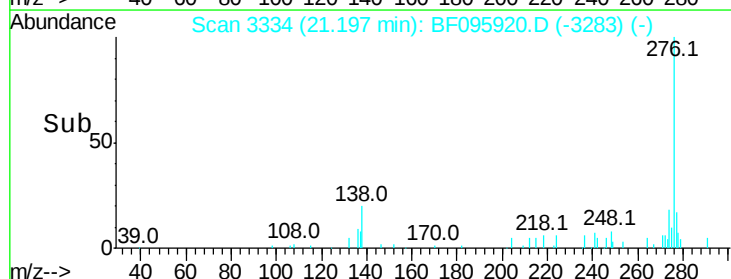
277 33.6 20.2 30.4#

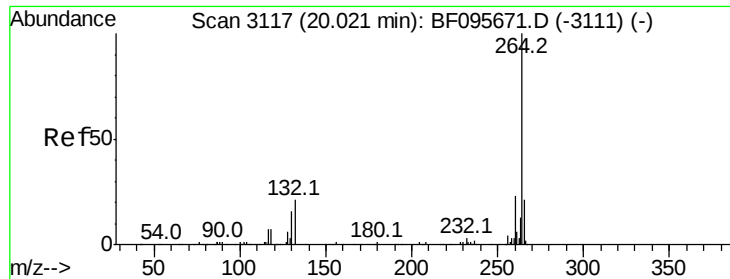


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

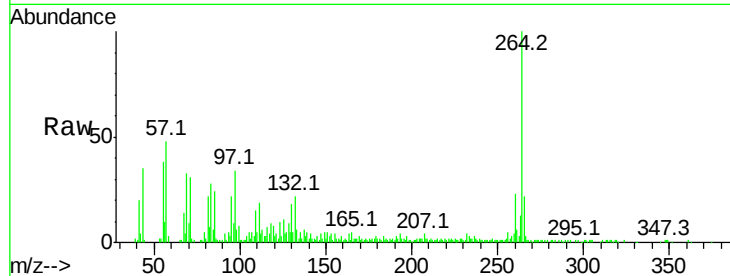




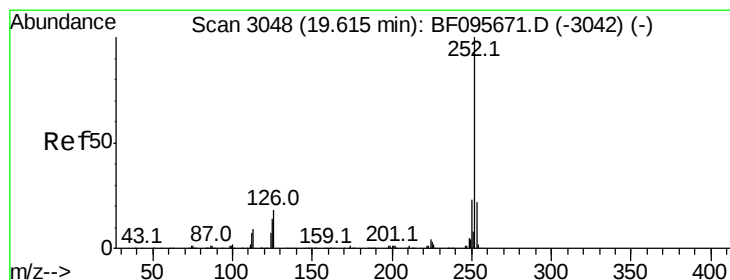
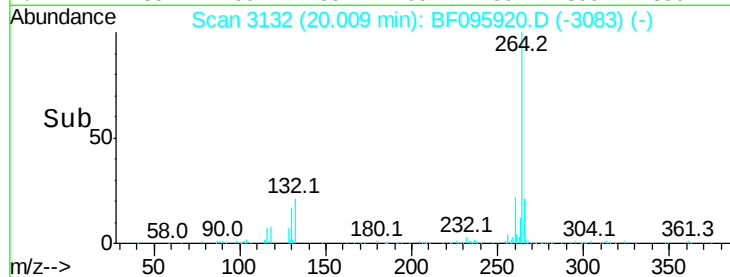
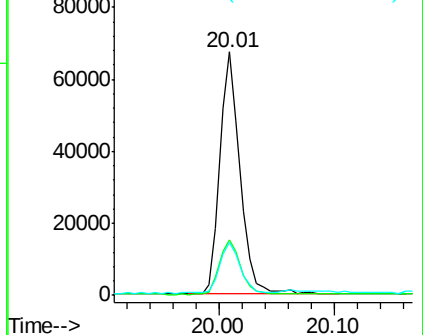
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.01 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095920.D
Acq: 14 Jun 2017 7:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 81007
Ion Ratio Lower Upper
264 100
260 22.6 19.5 29.3
265 21.9 17.2 25.8

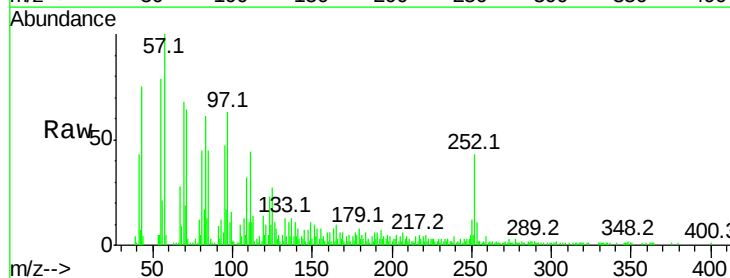


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

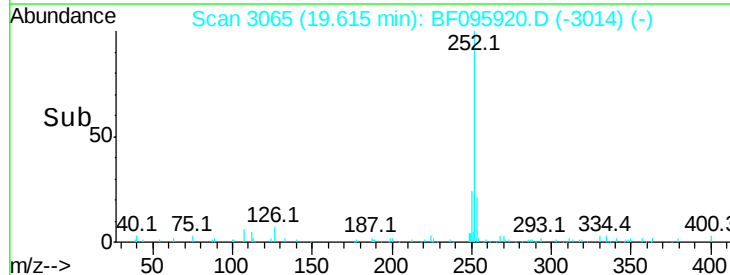
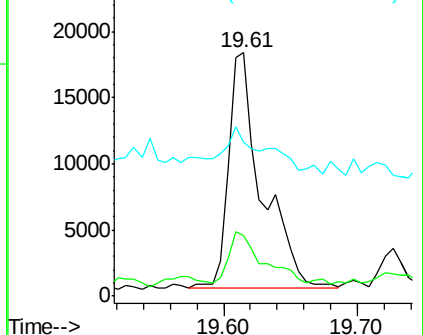


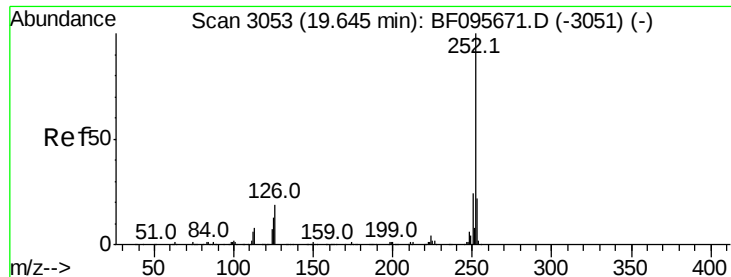
#87
Benzo(b)fluoranthene
Concen: 6.19 ng
RT: 19.61 min Scan# 3065
Delta R.T. -0.00 min
Lab File: BF095920.D
Acq: 14 Jun 2017 7:13

Tgt Ion:252 Resp: 31408
Ion Ratio Lower Upper
252 100
253 24.9 18.1 27.1
125 63.2 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

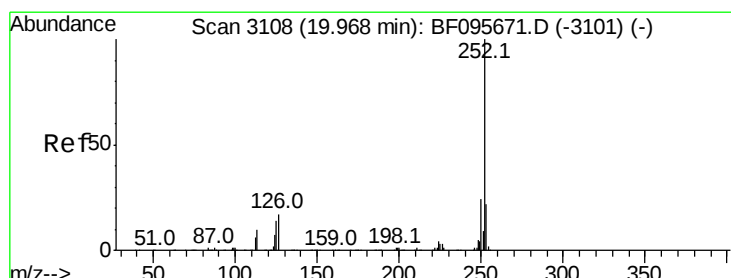
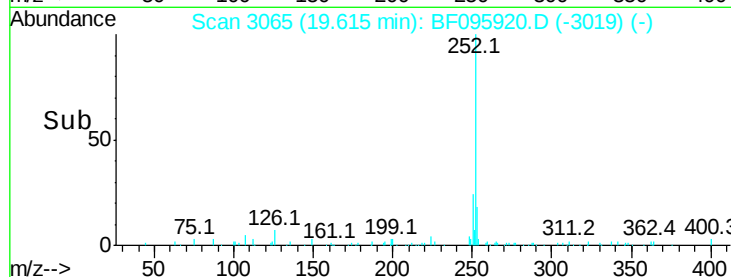
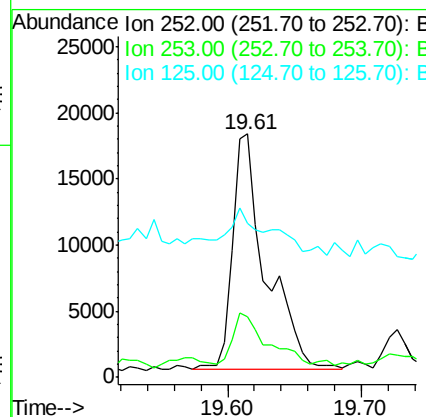
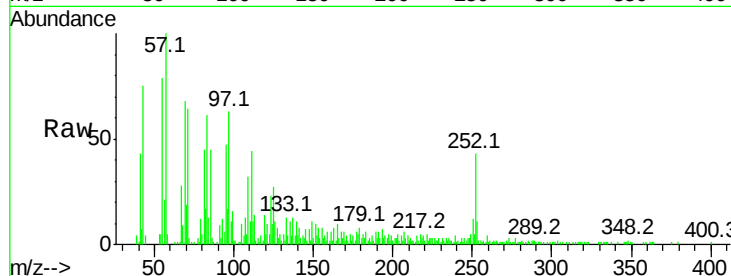




#88
Benzo(k)fluoranthene
Concen: 6.48 ng
RT: 19.61 min Scan# 3065
Delta R.T. -0.03 min
Lab File: BF095920.D
Acq: 14 Jun 2017 7:13

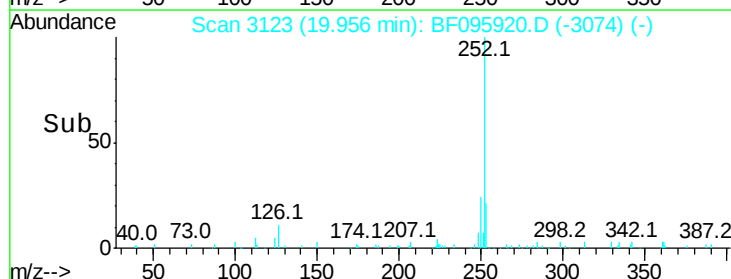
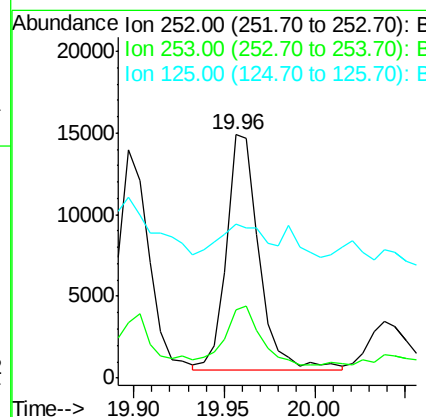
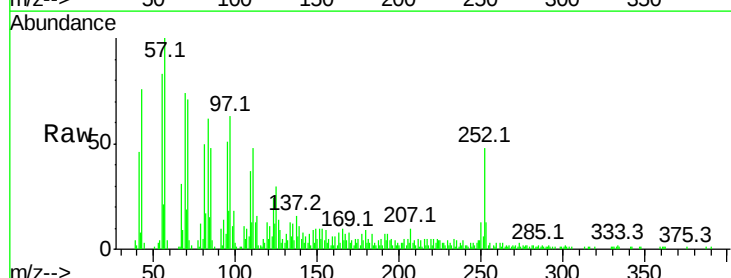
Instrument :
BNA_F
ClientSampleId :

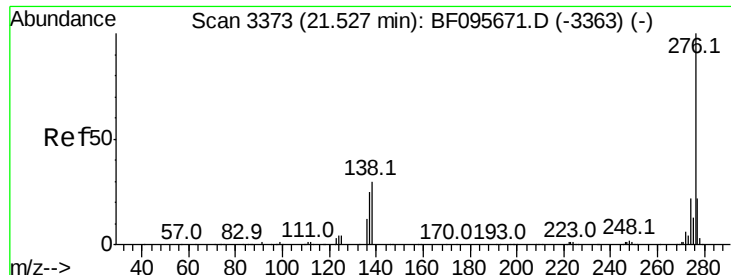
Tot Ion:252 Resp: 31408
Ion Ratio Lower Upper
252 100
253 24.9 18.4 27.6
125 63.2 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 3.88 ng
RT: 19.96 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095920.D
Acq: 14 Jun 2017 7:13

Tgt Ion:252 Resp: 18067
Ion Ratio Lower Upper
252 100
253 28.2 17.5 26.3#
125 63.1 11.0 16.4#





#91

Benzo(a,h,i)perylene

Concen: 3.35 ng

RT: 21.53 min Scan# 3391

Delta R.T. 0.01 min

Lab File: BF095920.D

Acq: 14 Jun 2017 7:13

Instrument :

BNA_F

ClientSampleId :

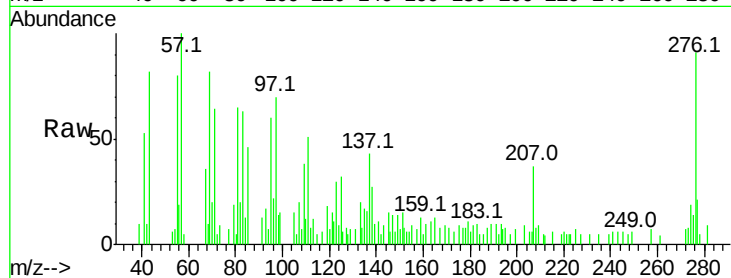
Tot Ion:276 Resp: 13493

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 29.9 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

