

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097122.D
 Acq On : 27 Jul 2017 15:05
 Operator : SJ/JU
 Sample : I4421-01 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 15:54:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	93933	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	373247	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	121799	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	190788	20.00	ng	-0.01
75) Chrysene-d12	13.63	240	137895	20.00	ng	0.00
86) Perylene-d12	15.01	264	97397	20.00	ng	0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	304622	48.89	ng	-0.02
7) Phenol-d6	6.15	99	341056	47.94	ng	-0.02
23) Nitrobenzene-d5	7.05	82	218490	34.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	46787	48.62	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	294556	41.04	ng	-0.02
78) Terphenyl-d14	12.58	244	177127	26.19	ng	0.00

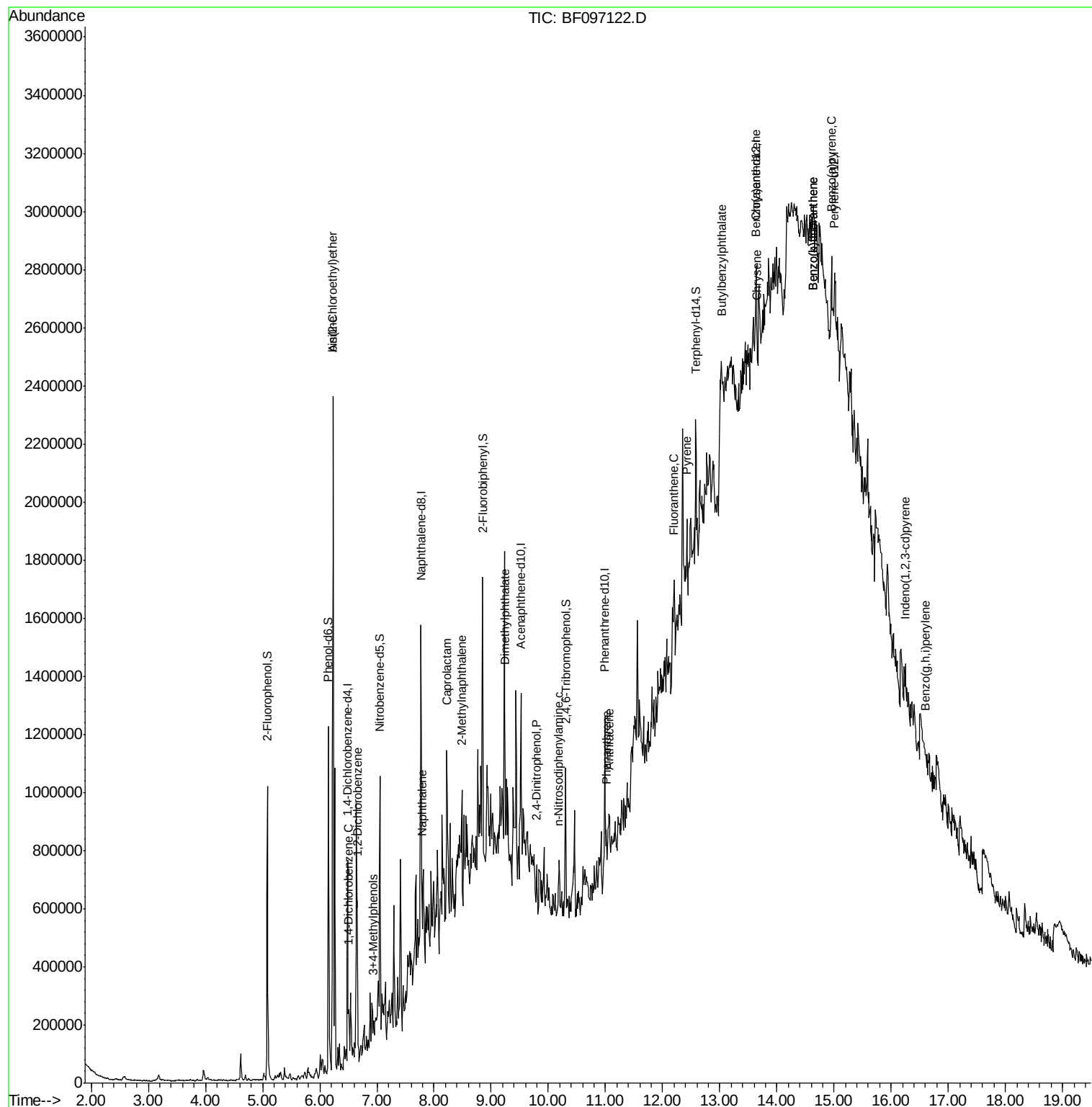
Target Compounds				Qvalue		
6) Aniline	6.23	93	842461	94.113	ng	# 50
11) bis(2-Chloroethyl)ether	6.23	93	842461	126.240	ng	88
13) 1,4-Dichlorobenzene	6.50	146	38375	5.393	ng	94
14) 1,2-Dichlorobenzene	6.66	146	96832	15.585	ng	98
20) 3+4-Methylphenols	6.94	107	16036	2.388	ng	# 65
31) Naphthalene	7.79	128	57241	3.253	ng	99
35) Caprolactam	8.22	113	4276	2.618	ng	# 1
37) 2-Methylnaphthalene	8.49	142	67985	6.103	ng	98
49) Dimethylphthalate	9.25	163	28285	3.058	ng	# 83
53) 2,4-Dinitrophenol	9.80	184	2063	2.313	ng	88
65) n-Nitrosodiphenylamine	10.18	169	20880	3.145	ng	# 40
70) Phenanthrene	11.02	178	53820	5.265	ng	# 95
71) Anthracene	11.06	178	21133	2.018	ng	# 79
74) Fluoranthene	12.20	202	92345	9.221	ng	96
77) Pyrene	12.43	202	100270	8.882	ng	96
79) Butylbenzylphthalate	13.03	149	12614	2.197	ng	# 27
80) Benzo(a)anthracene	13.62	228	40990	4.594	ng	# 76
82) Chrysene	13.66	228	40301	4.626	ng	# 84
85) Indeno(1,2,3-cd)pyrene	16.24	276	20753	2.778	ng	96
87) Benzo(b)fluoranthene	14.64	252	50116	8.560	ng	# 11
88) Benzo(k)fluoranthene	14.64	252	50116	8.983	ng	# 12
89) Benzo(a)pyrene	14.96	252	23442	4.375	ng	# 1
91) Benzo(g,h,i)perylene	16.61	276	24503	5.317	ng	# 65

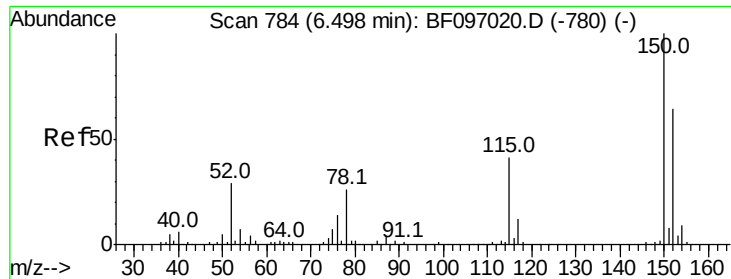
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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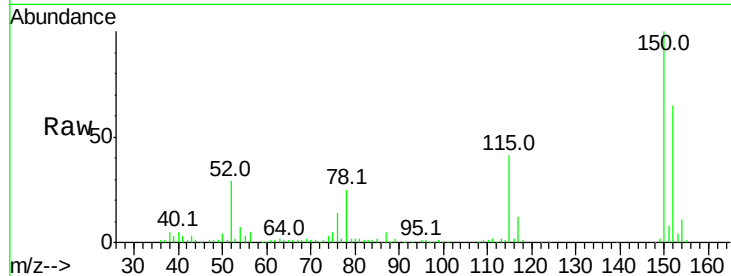


#1

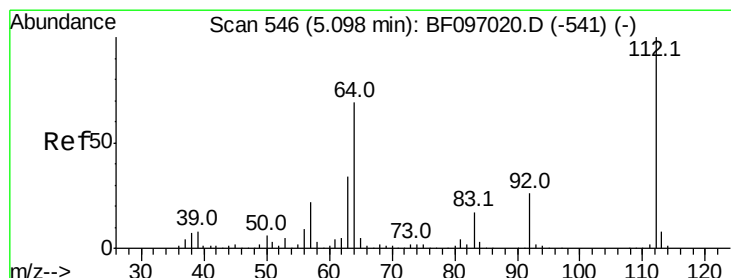
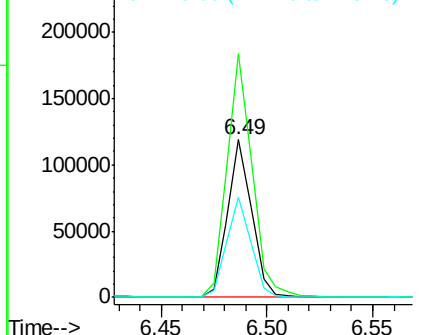
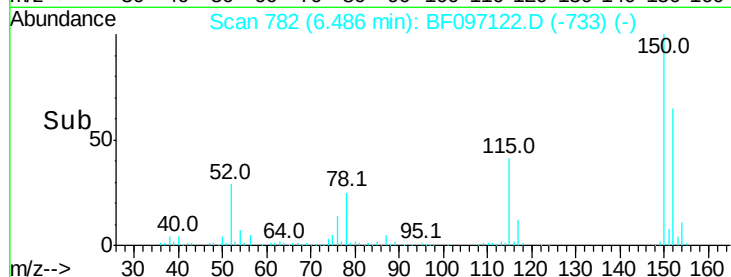
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 93933
Ion Ratio Lower Upper
152 100
150 154.3 126.2 189.2
115 63.2 52.2 78.2



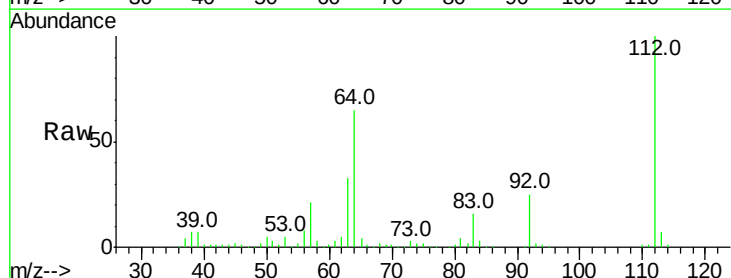
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



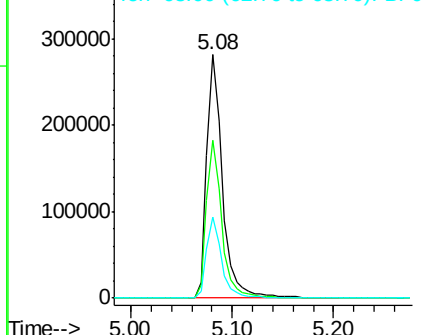
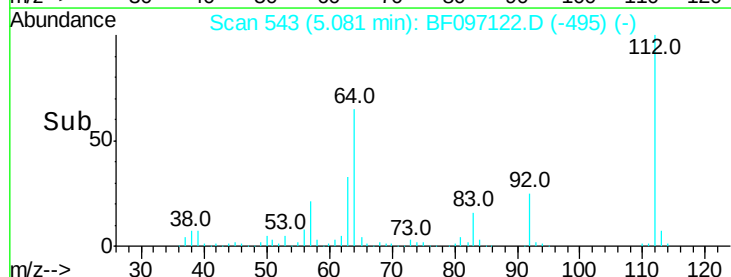
#5

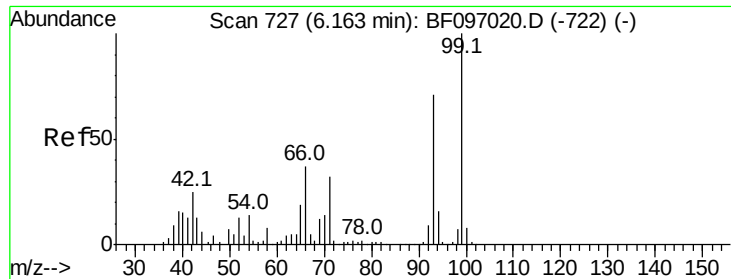
2-Fluorophenol
Concen: 48.887 ng
RT: 5.08 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Tgt Ion:112 Resp: 304622
Ion Ratio Lower Upper
112 100
64 64.6 46.0 69.0
63 33.0 23.4 35.0



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





#6

Aniline

Concen: 94.113 ng

RT: 6.23 min Scan# 739

Delta R.T. 0.07 min

Lab File: BF097122.D

Acq: 27 Jul 2017 15:05

Instrument :

BNA_F

ClientSampled :

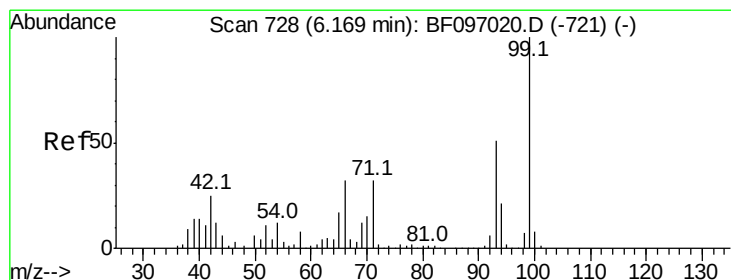
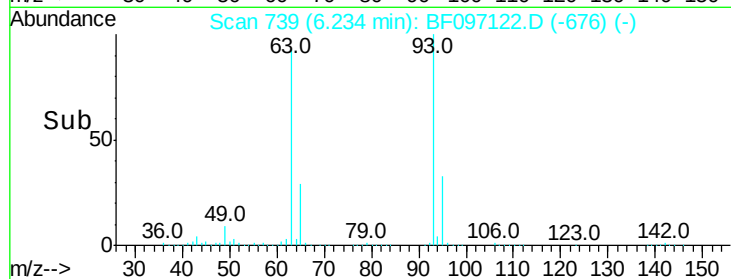
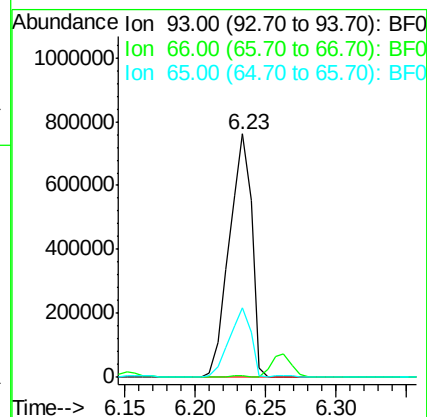
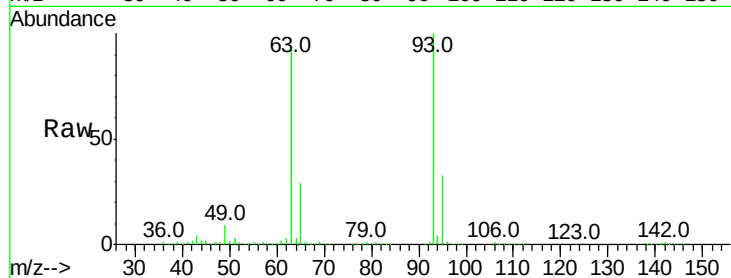
Tot Ion: 93 Resp: 842461

Ion Ratio Lower Upper

93 100

66 0.6 32.9 49.3#

65 28.6 16.0 24.0#



#7

Phenol-d6

Concen: 47.945 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097122.D

Acq: 27 Jul 2017 15:05

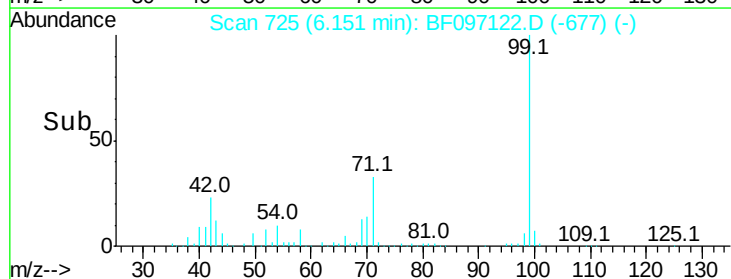
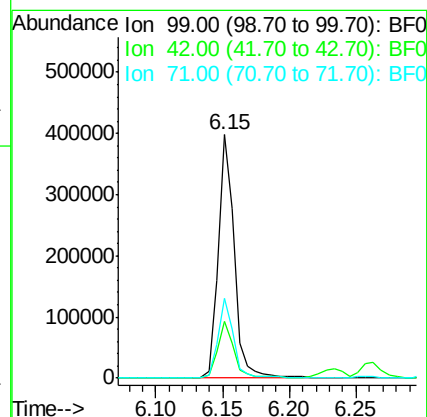
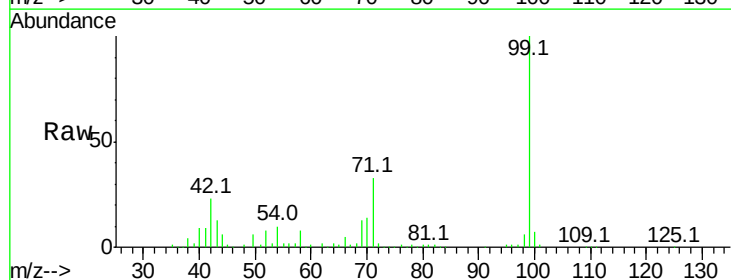
Tgt Ion: 99 Resp: 341056

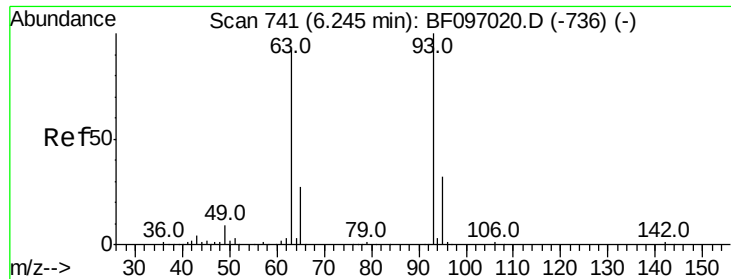
Ion Ratio Lower Upper

99 100

42 23.4 13.5 20.3#

71 32.7 24.5 36.7





#11

bis(2-Chloroethyl)ether

Concen: 126.240 ng

RT: 6.23 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF097122.D

Acq: 27 Jul 2017 15:05

Instrument :

BNA_F

ClientSampled :

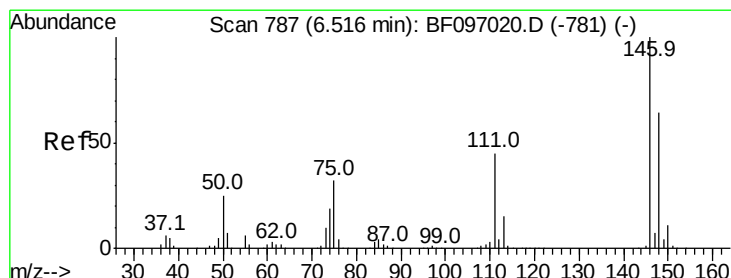
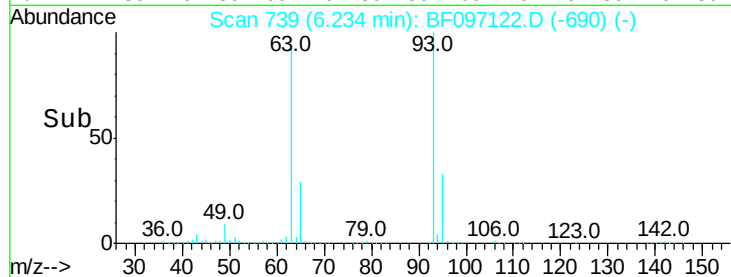
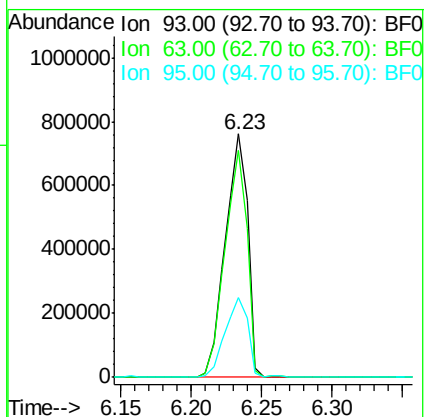
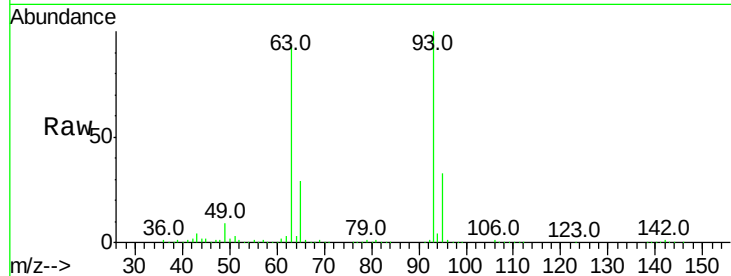
Tot Ion: 93 Resp: 842461

Ion Ratio Lower Upper

93 100

63 93.4 59.2 99.2

95 33.0 12.8 52.8



#13

1,4-Dichlorobenzene

Concen: 5.393 ng

RT: 6.50 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF097122.D

Acq: 27 Jul 2017 15:05

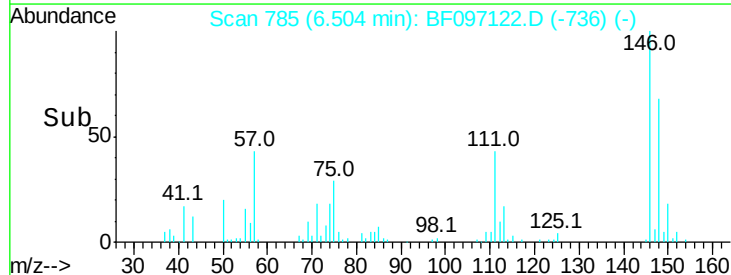
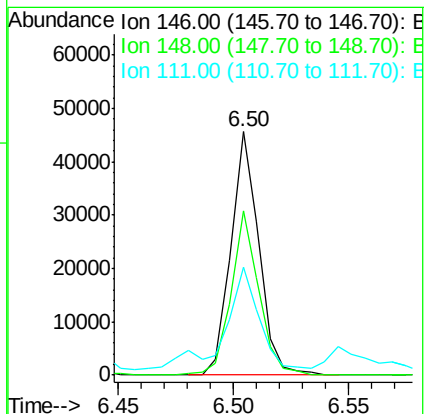
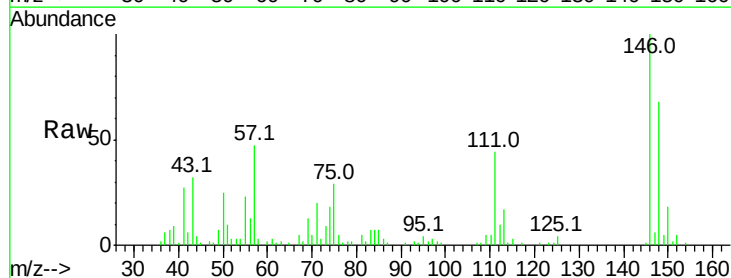
Tgt Ion: 146 Resp: 38375

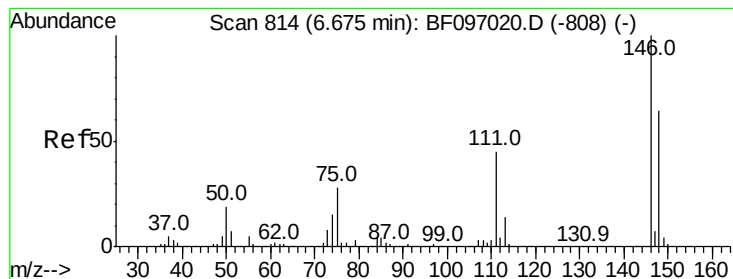
Ion Ratio Lower Upper

146 100

148 67.5 52.2 78.2

111 44.3 30.3 45.5





#14

1,2-Dichlorobenzene

Concen: 15.585 ng

RT: 6.66 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF097122.D

Acq: 27 Jul 2017 15:05

Instrument :

BNA_F

ClientSampleId :

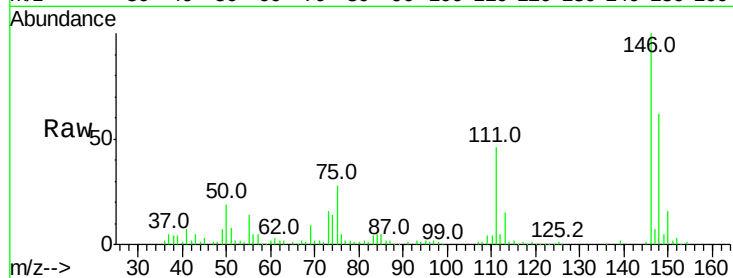
Tot Ion:146 Resp: 96832

Ion Ratio Lower Upper

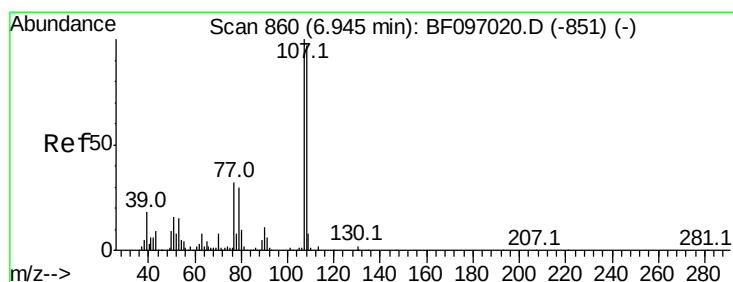
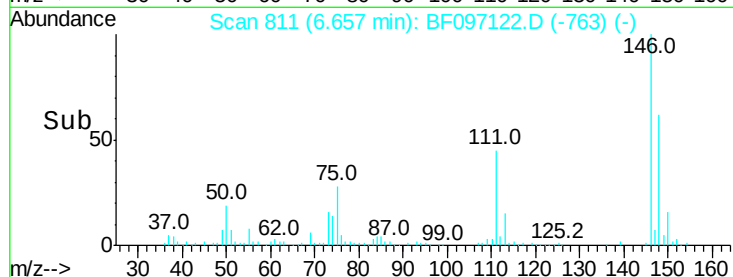
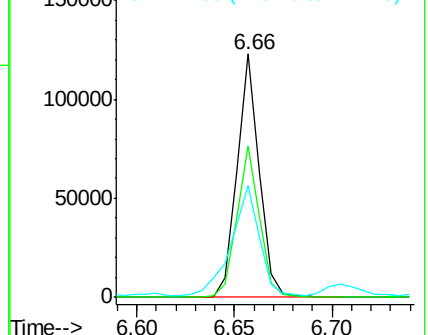
146 100

148 62.0 50.4 75.6

111 46.1 38.2 57.4



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



#20

3+4-Methylphenols

Concen: 2.388 ng

RT: 6.94 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF097122.D

Acq: 27 Jul 2017 15:05

Tgt Ion:107 Resp: 16036

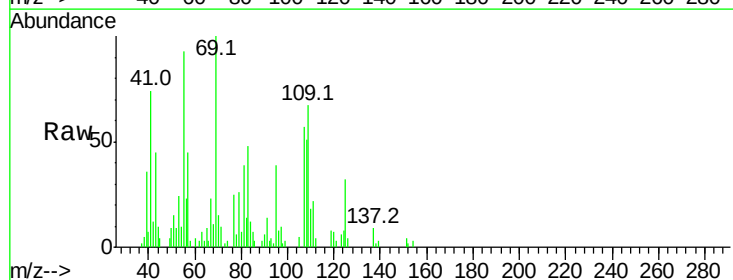
Ion Ratio Lower Upper

107 100

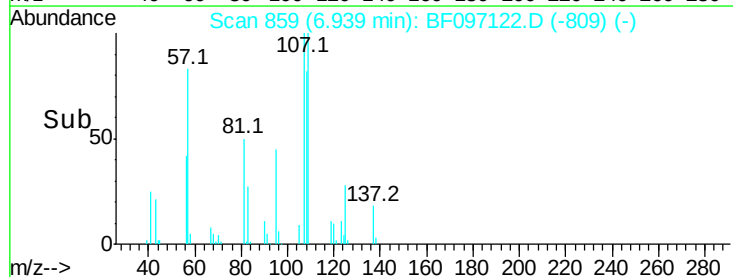
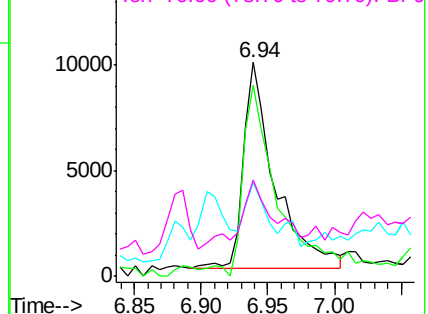
108 89.0 71.0 111.0

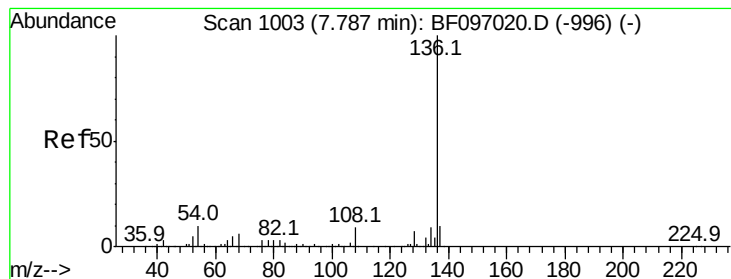
77 43.8 90.5 130.5#

79 45.0 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: 20.000 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097122.D

Acq: 27 Jul 2017 15:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 373247

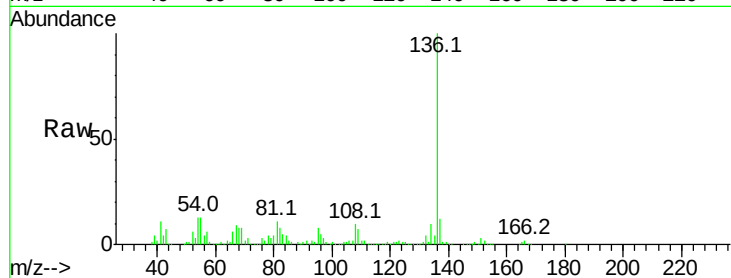
Ion Ratio Lower Upper

136 100

137 12.2 8.5 12.7

54 13.0 4.9 7.3#

68 8.3 4.1 6.1#

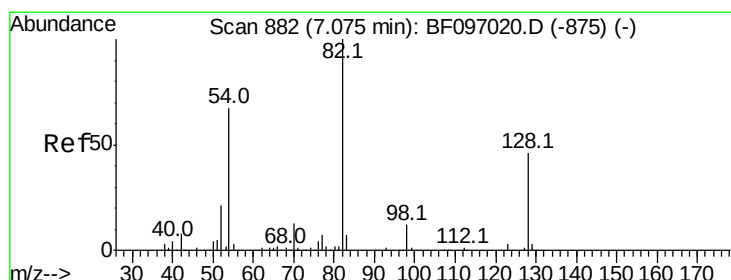
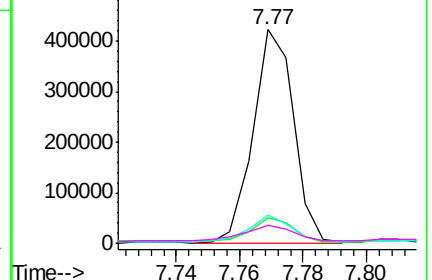
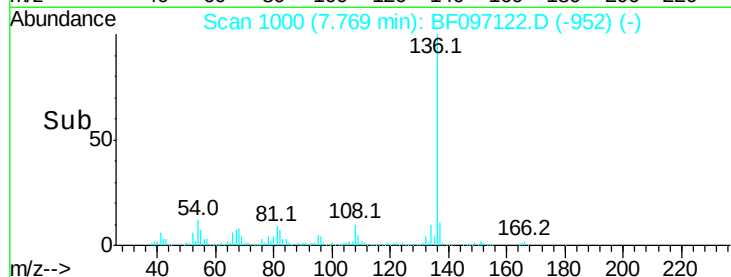


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 34.341 ng

RT: 7.05 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF097122.D

Acq: 27 Jul 2017 15:05

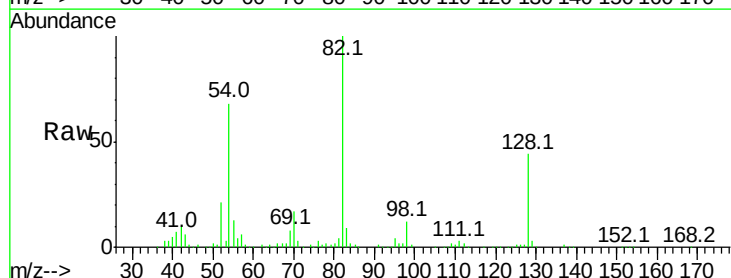
Tgt Ion: 82 Resp: 218490

Ion Ratio Lower Upper

82 100

128 44.4 34.0 51.0

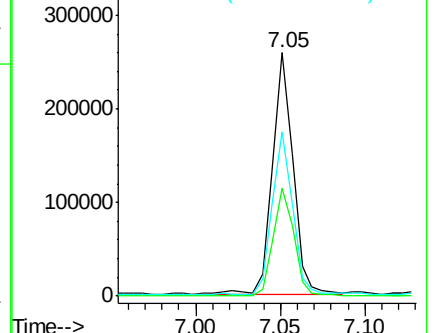
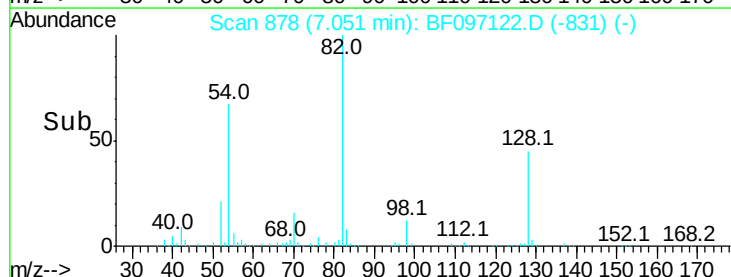
54 67.6 42.2 63.2#

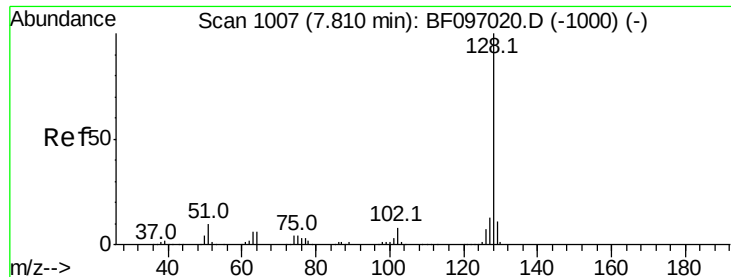


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

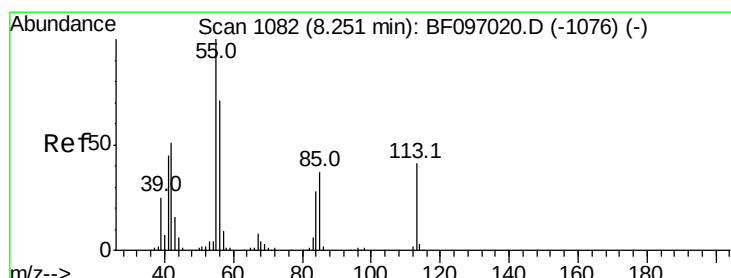
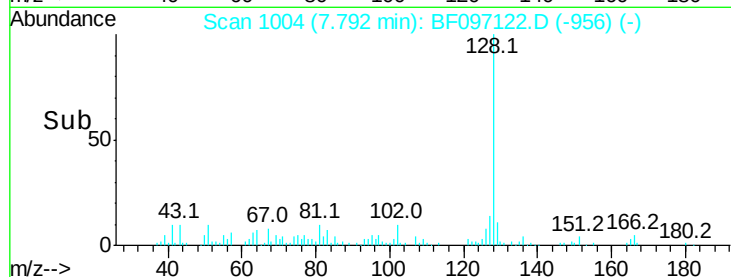
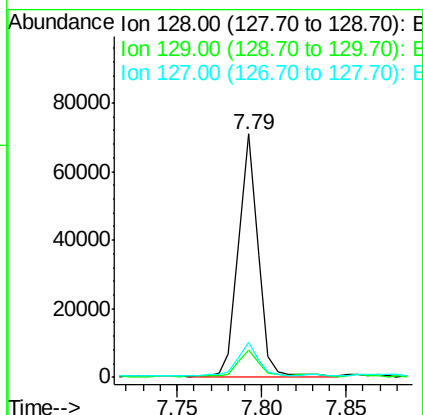
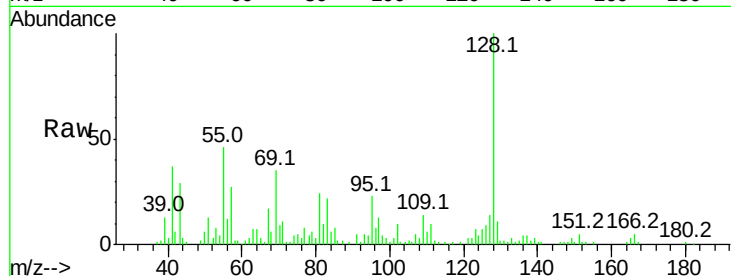




#31
Naphthalene
Concen: 3.253 ng
RT: 7.79 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

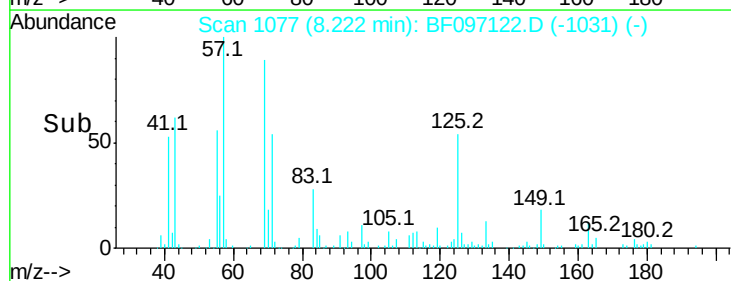
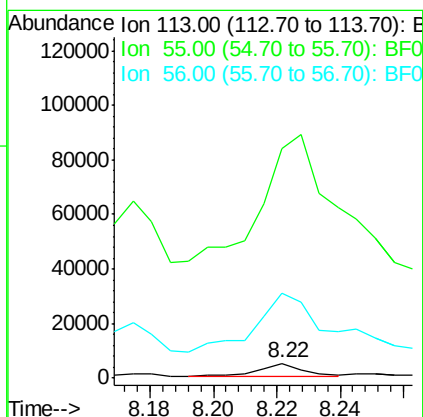
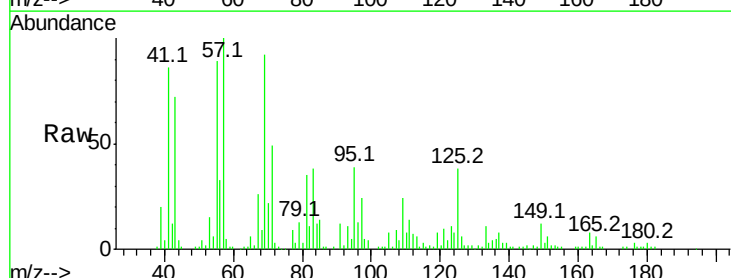
Instrument :
BNA_F
ClientSampleId :

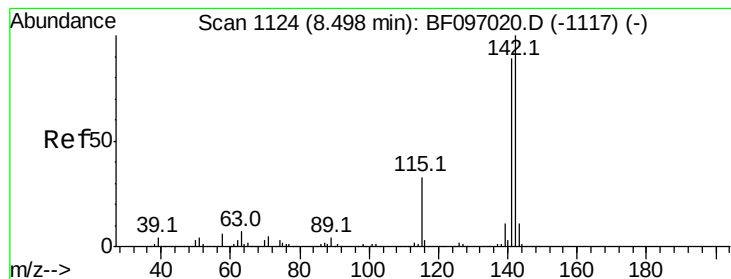
Tot Ion:128 Resp: 57241
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 14.3 10.8 16.2



#35
Caprolactam
Concen: 2.618 ng
RT: 8.22 min Scan# 1077
Delta R.T. -0.03 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Tgt Ion:113 Resp: 4276
Ion Ratio Lower Upper
113 100
55 1541.4 150.2 190.2#
56 572.2 107.8 147.8#





#37

2-Methylnaphthalene

Concen: 6.103 ng

RT: 8.49 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF097122.D

Acq: 27 Jul 2017 15:05

Instrument :

BNA_F

ClientSampleId :

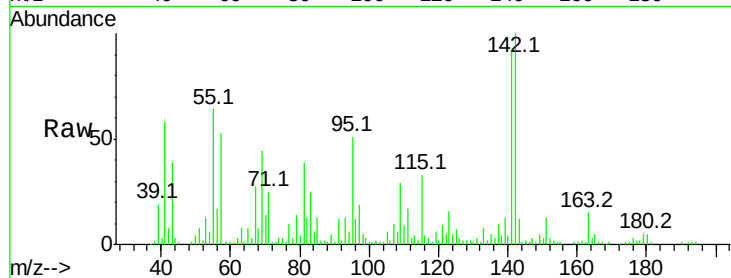
Tot Ion:142 Resp: 67985

Ion Ratio Lower Upper

142 100

141 91.3 71.3 106.9

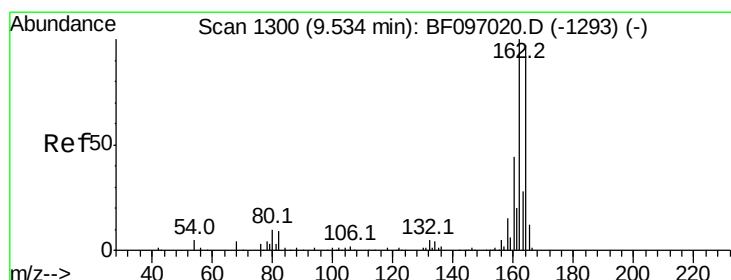
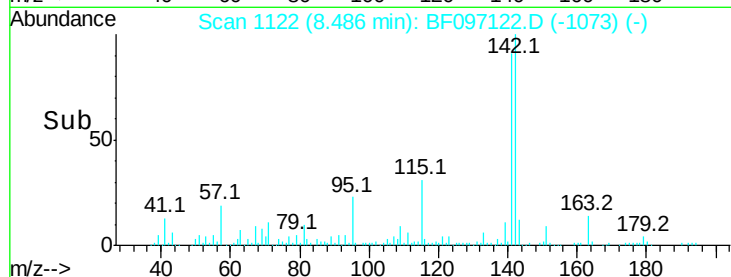
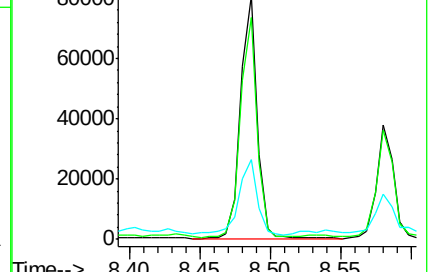
115 33.0 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF097122.D

Acq: 27 Jul 2017 15:05

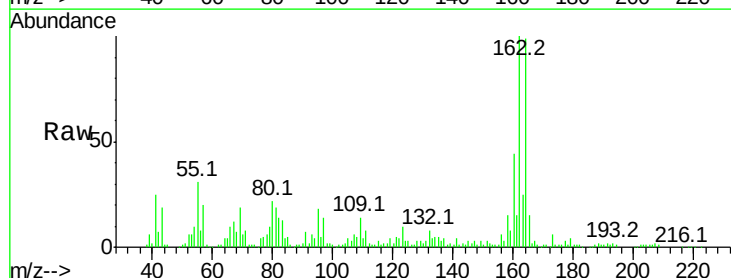
Tgt Ion:164 Resp: 121799

Ion Ratio Lower Upper

164 100

162 101.2 82.6 123.8

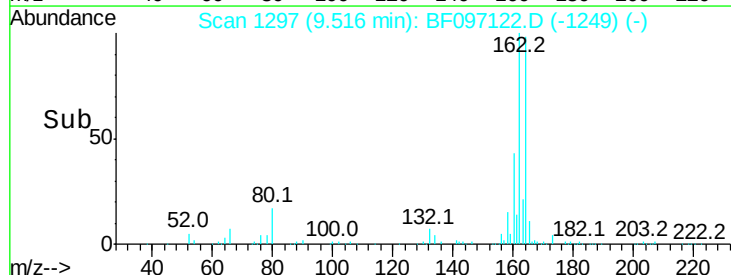
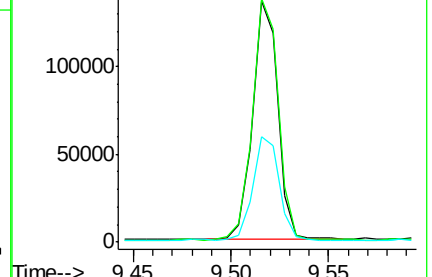
160 44.0 36.2 54.2

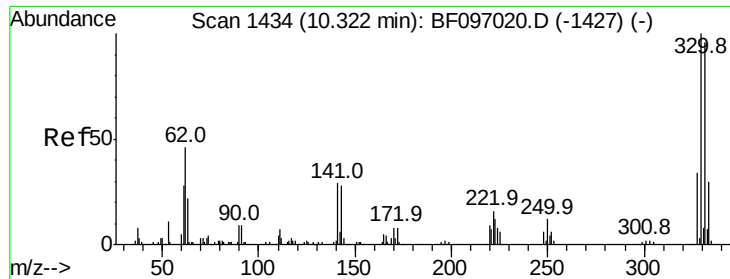


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

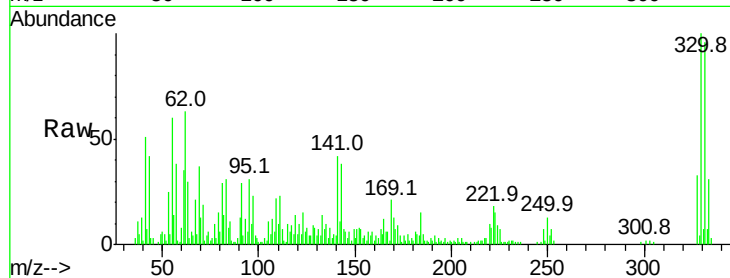




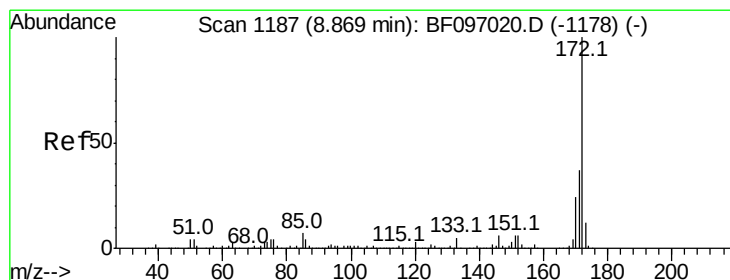
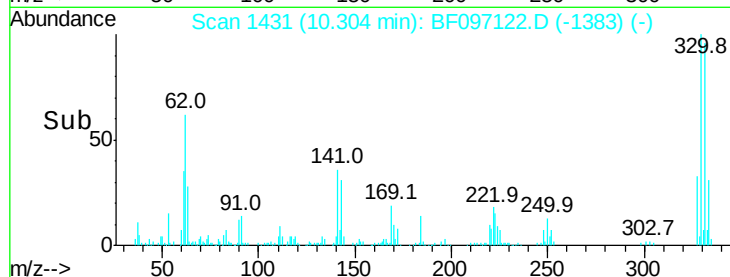
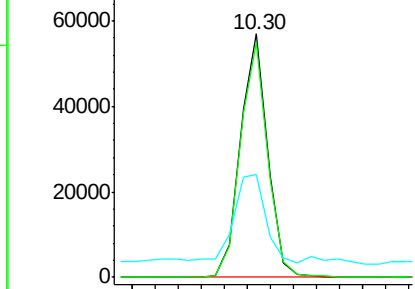
#41
 2,4,6-Tribromophenol
 Concen: 48.618 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097122.D
 Acq: 27 Jul 2017 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 46787
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 43.5 31.4 47.2

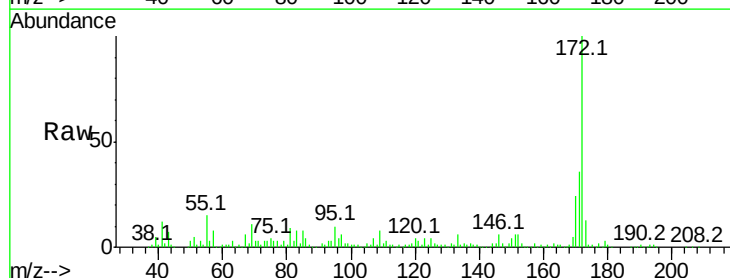


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

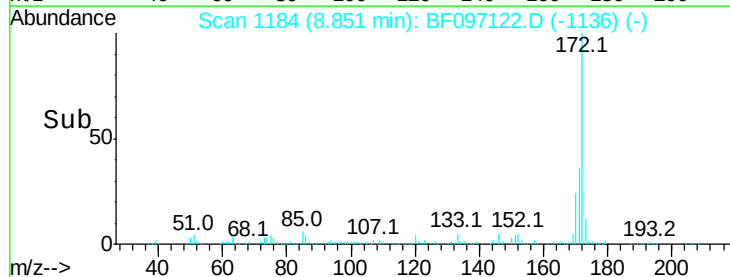
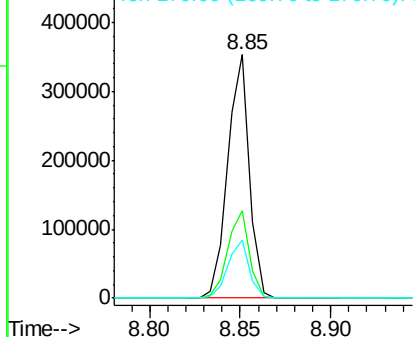


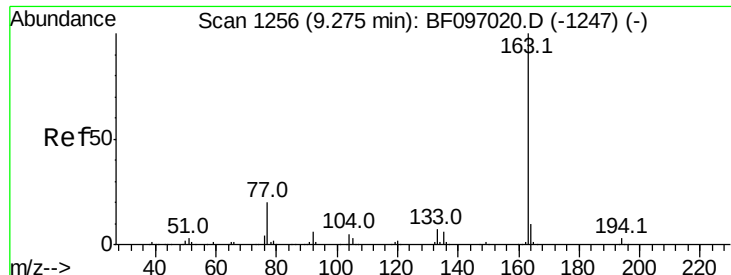
#44
 2-Fluorobiphenyl
 Concen: 41.042 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097122.D
 Acq: 27 Jul 2017 15:05

Tgt Ion:172 Resp: 294556
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.9 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

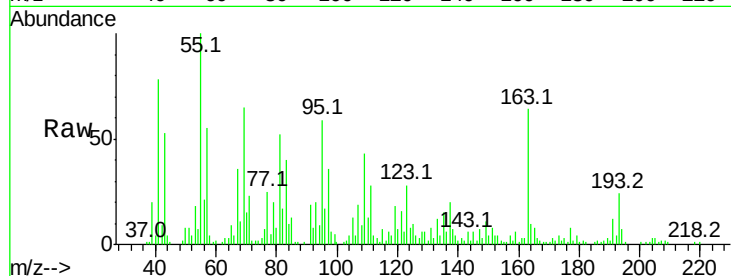




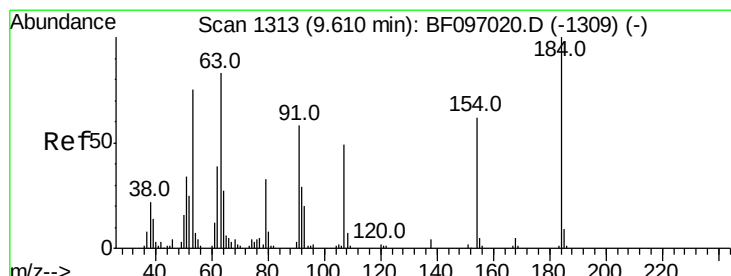
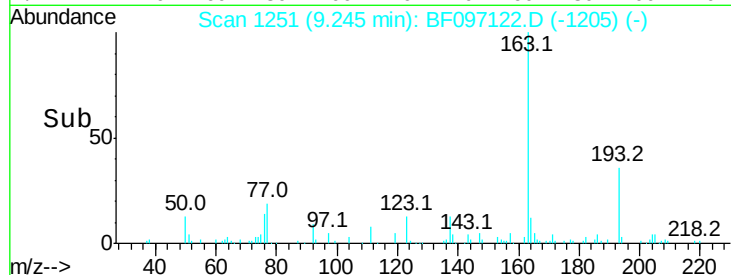
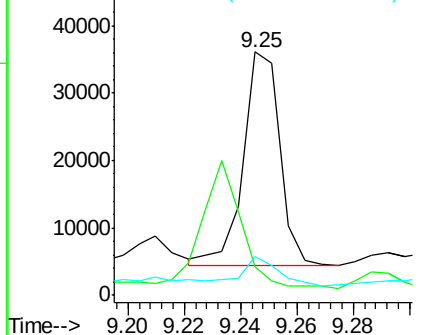
#49
Dimethylphthalate
Concen: 3.058 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 28285
Ion Ratio Lower Upper
163 100
194 11.6 2.6 4.0#
164 15.9 8.4 12.6#

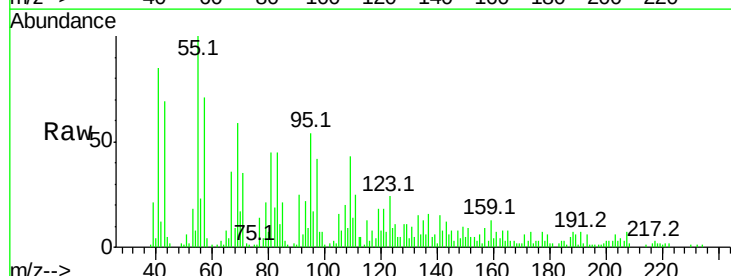


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

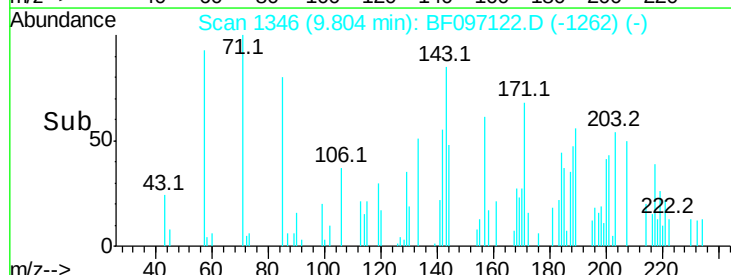
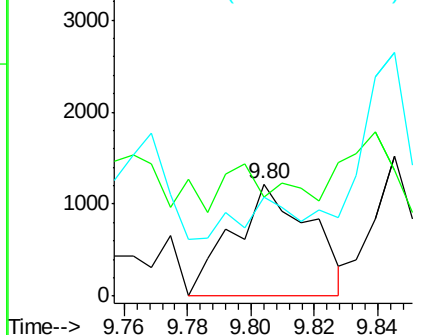


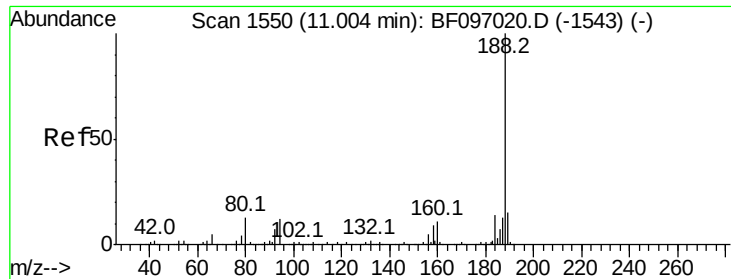
#53
2,4-Dinitrophenol
Concen: 2.313 ng
RT: 9.80 min Scan# 1346
Delta R.T. 0.19 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Tgt Ion:184 Resp: 2063
Ion Ratio Lower Upper
184 100
63 88.3 62.7 94.1
154 88.1 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.99 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF097122.D

Acq: 27 Jul 2017 15:05

Instrument :

BNA_F

ClientSampleId :

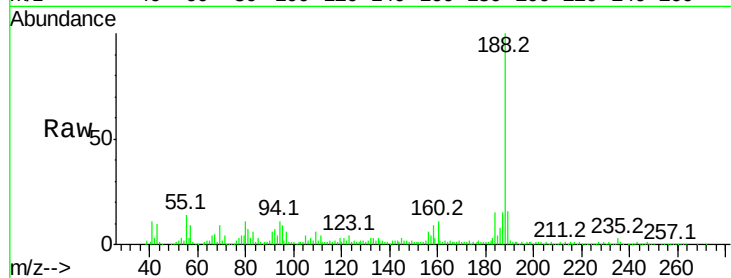
Tot Ion:188 Resp: 190788

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

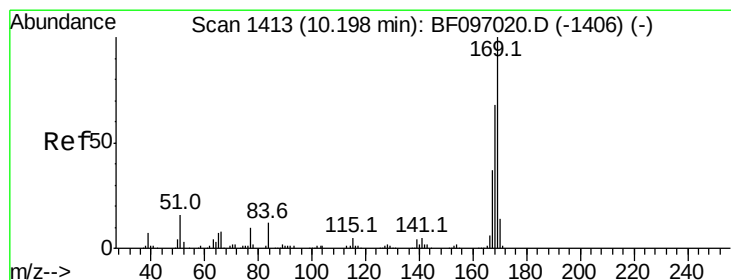
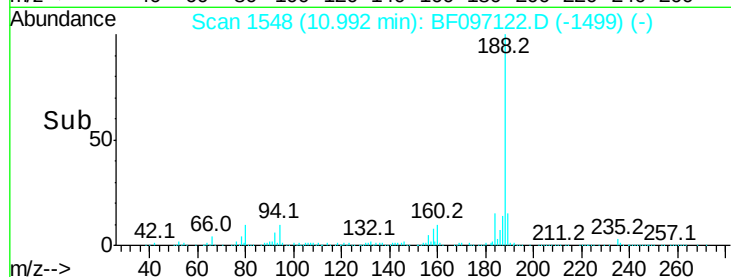
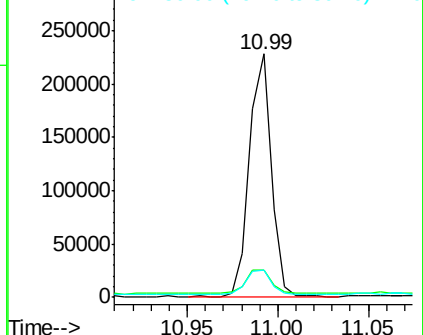
80 11.3 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#65

n-Nitrosodiphenylamine

Concen: 3.145 ng

RT: 10.18 min Scan# 1410

Delta R.T. -0.02 min

Lab File: BF097122.D

Acq: 27 Jul 2017 15:05

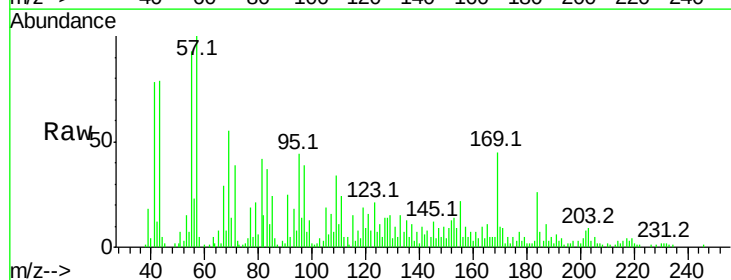
Tgt Ion:169 Resp: 20880

Ion Ratio Lower Upper

169 100

168 11.5 53.2 79.8#

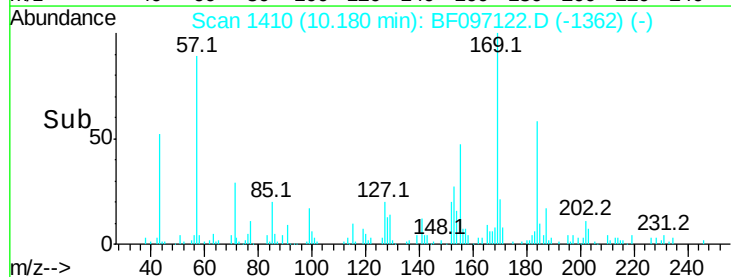
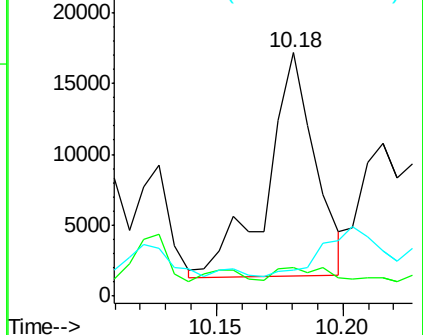
167 10.9 29.5 44.3#

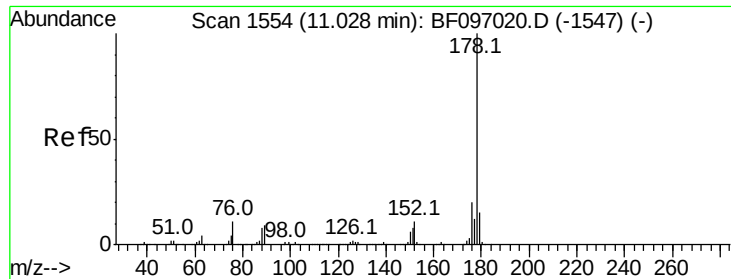


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 5.265 ng

RT: 11.02 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF097122.D

Acq: 27 Jul 2017 15:05

Instrument :

BNA_F

ClientSampleId :

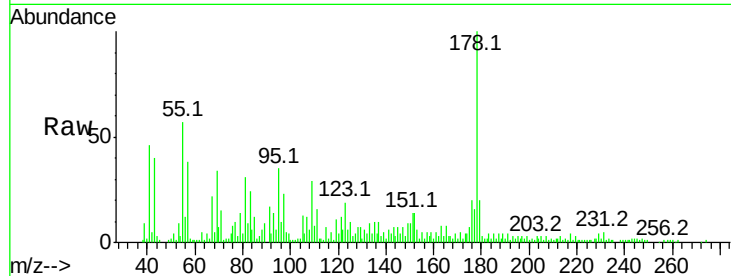
Tot Ion:178 Resp: 53820

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

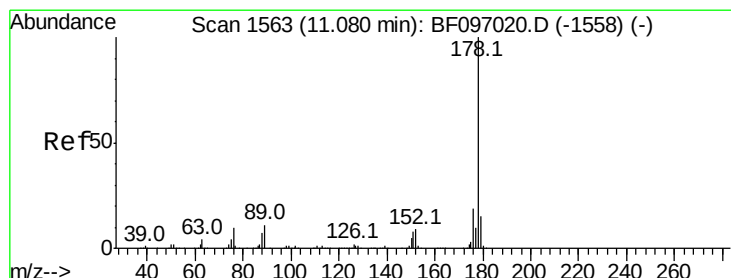
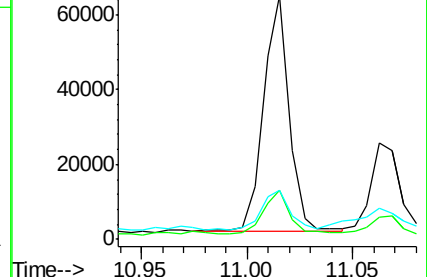
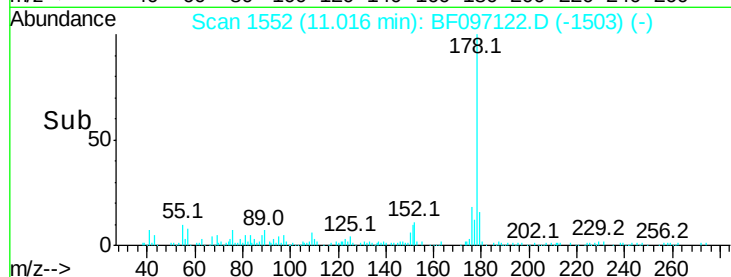
179 20.0 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 2.018 ng

RT: 11.06 min Scan# 1560

Delta R.T. -0.02 min

Lab File: BF097122.D

Acq: 27 Jul 2017 15:05

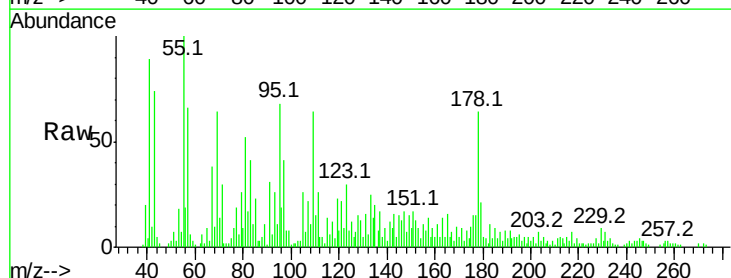
Tgt Ion:178 Resp: 21133

Ion Ratio Lower Upper

178 100

176 23.3 15.8 23.8

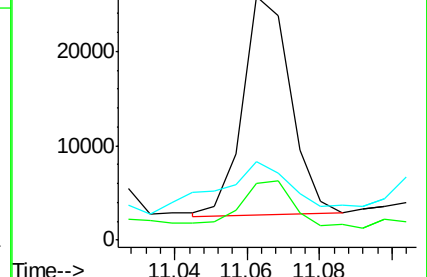
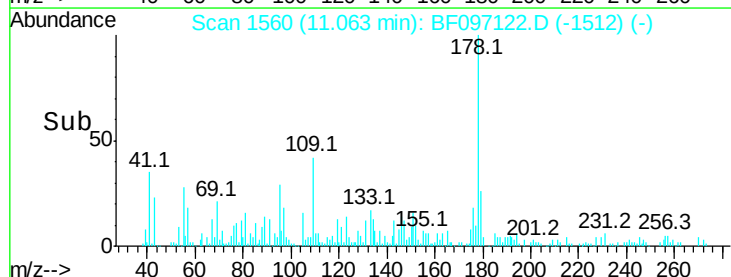
179 32.2 12.7 19.1#

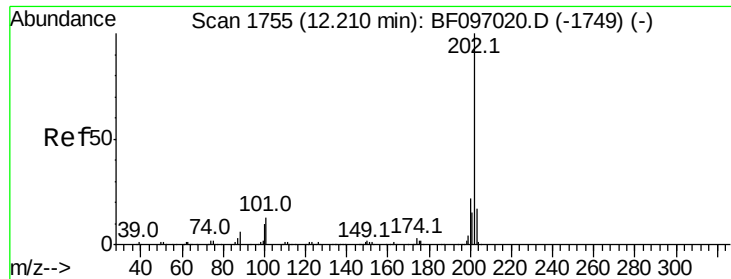


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 9.221 ng

RT: 12.20 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF097122.D

Acq: 27 Jul 2017 15:05

Instrument :

BNA_F

ClientSampleId :

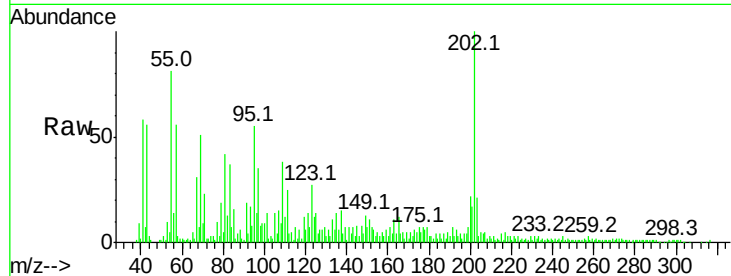
Tot Ion:202 Resp: 92345

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.2

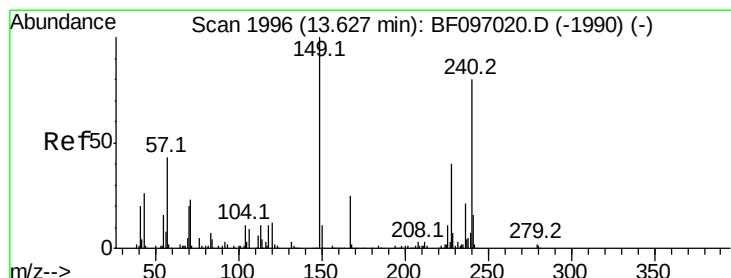
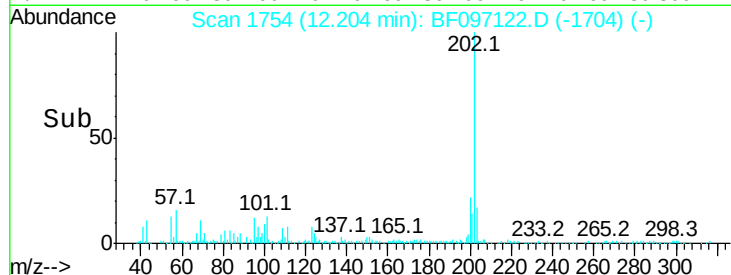
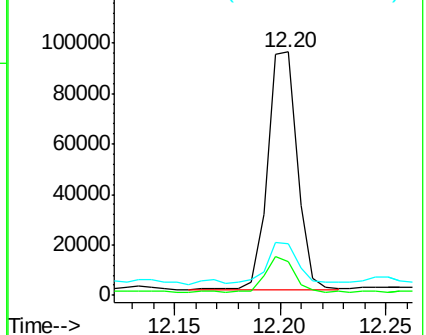
203 21.1 0.0 38.1



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: 20.000 ng

RT: 13.63 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF097122.D

Acq: 27 Jul 2017 15:05

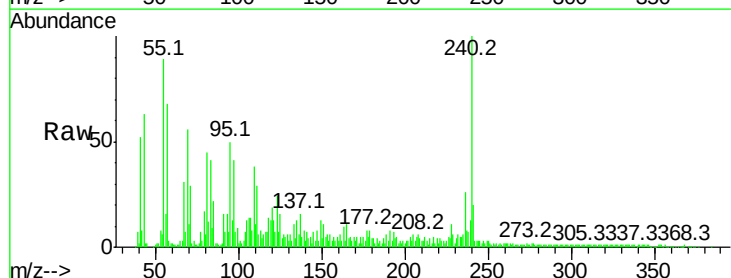
Tgt Ion:240 Resp: 137895

Ion Ratio Lower Upper

240 100

120 19.1 5.8 8.8#

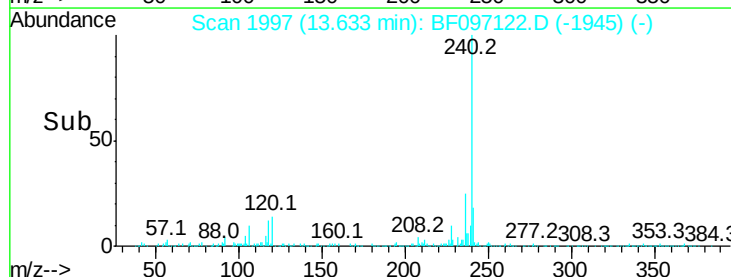
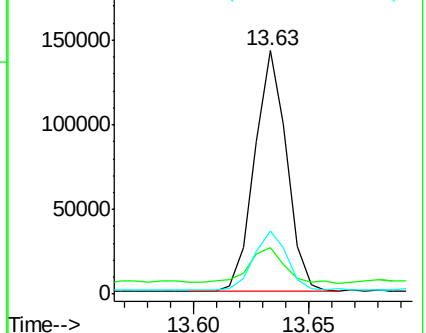
236 26.1 20.5 30.7

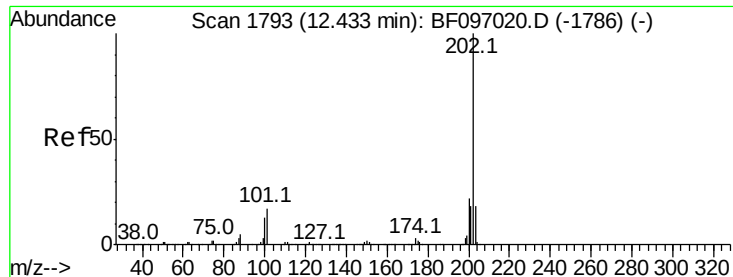


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 8.882 ng

RT: 12.43 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF097122.D

Acq: 27 Jul 2017 15:05

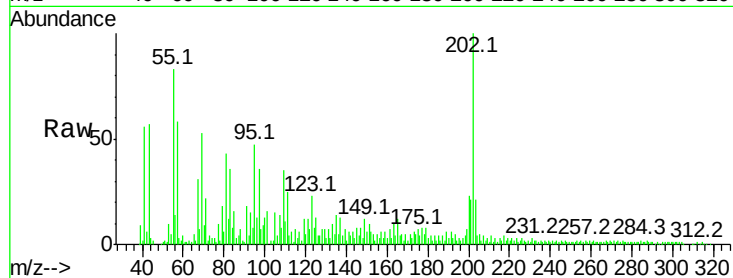
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 100270

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.6	26.4
203	21.1	14.4	21.6

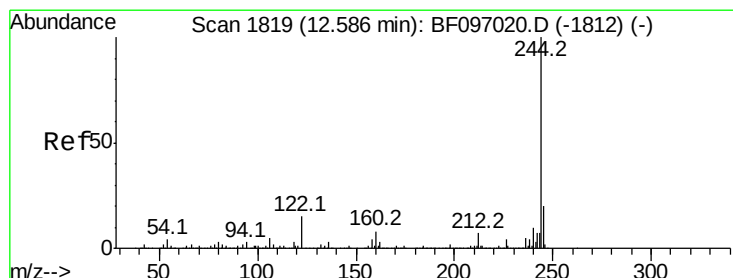
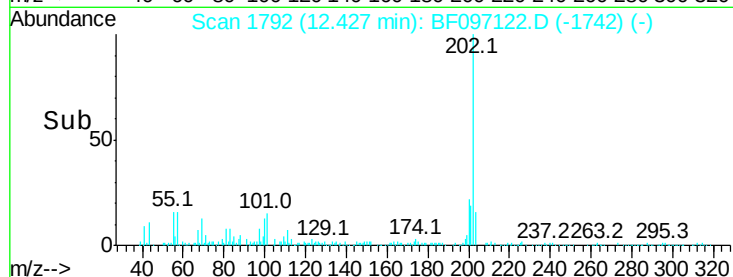
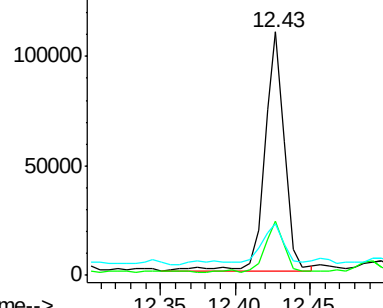


Abundance

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: 26.189 ng

RT: 12.58 min Scan# 1818

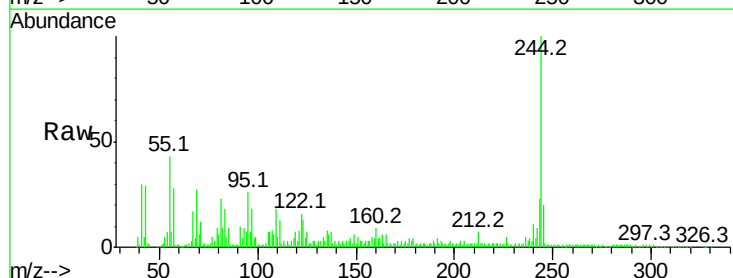
Delta R.T. -0.01 min

Lab File: BF097122.D

Acq: 27 Jul 2017 15:05

Tgt Ion:244 Resp: 177127

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	16.4	10.3	15.5

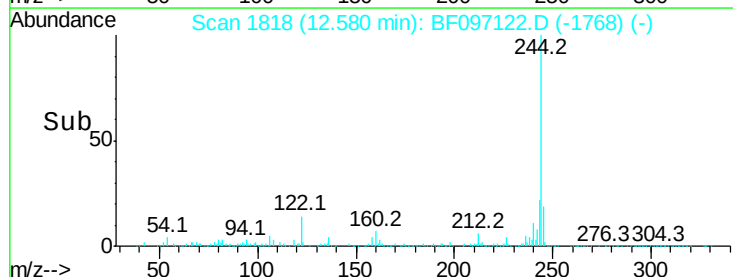
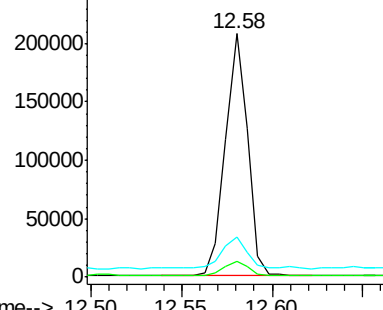


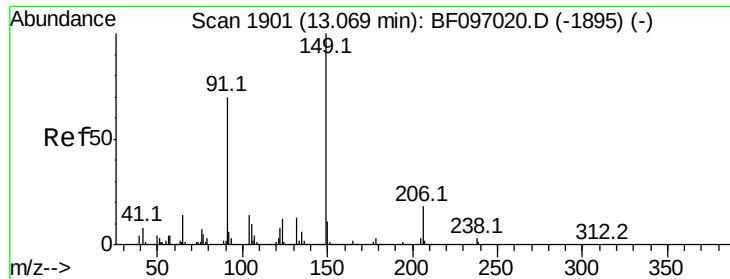
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 2.197 ng

RT: 13.03 min Scan# 1894

Delta R.T. -0.04 min

Lab File: BF097122.D

Acq: 27 Jul 2017 15:05

Instrument :

BNA_F

ClientSampleId :

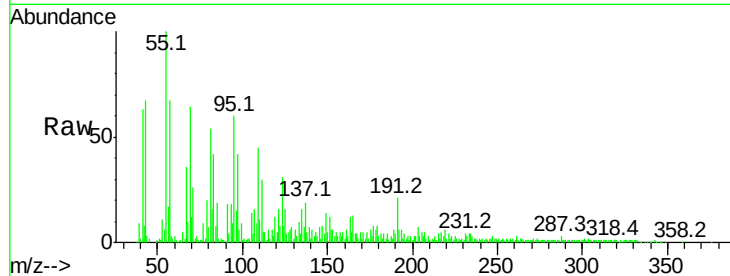
Tot Ion:149 Resp: 12614

Ion Ratio Lower Upper

149 100

91 128.9 45.0 67.4#

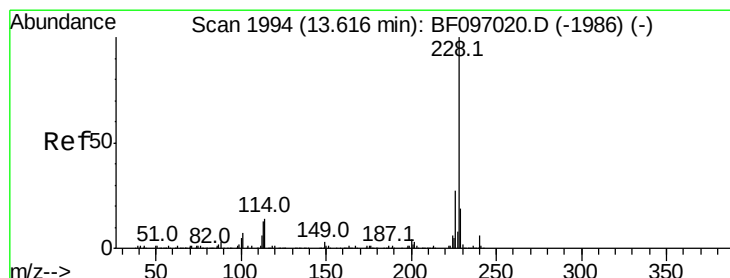
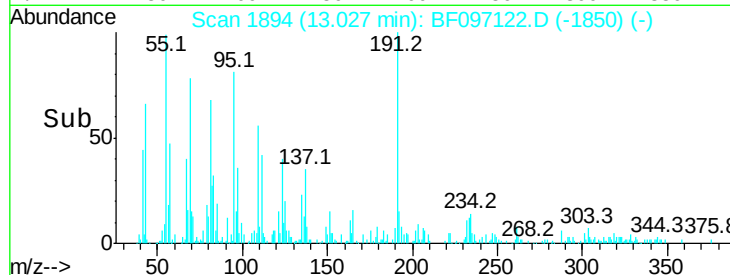
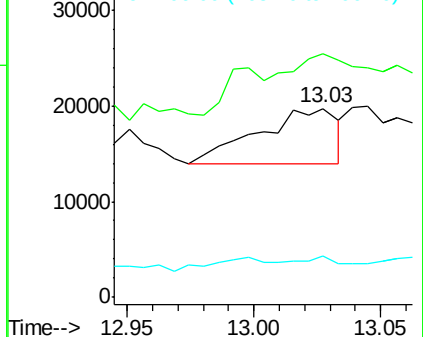
206 22.2 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 4.594 ng

RT: 13.62 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF097122.D

Acq: 27 Jul 2017 15:05

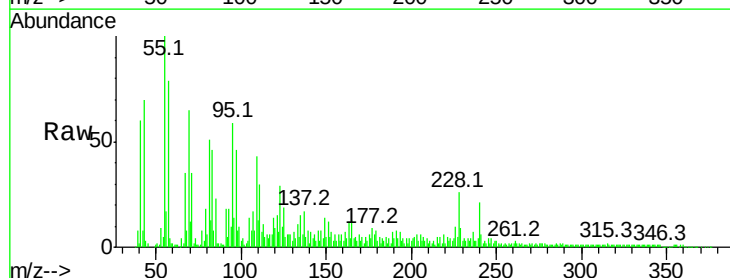
Tgt Ion:228 Resp: 40990

Ion Ratio Lower Upper

228 100

226 37.0 22.6 33.8#

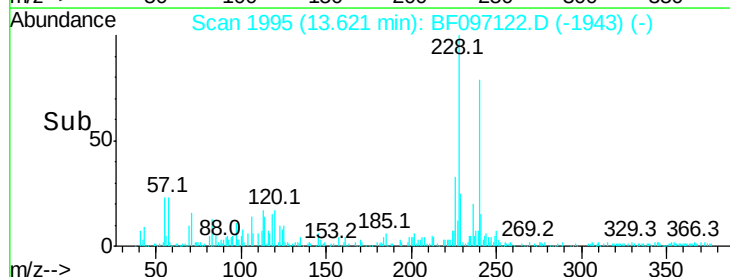
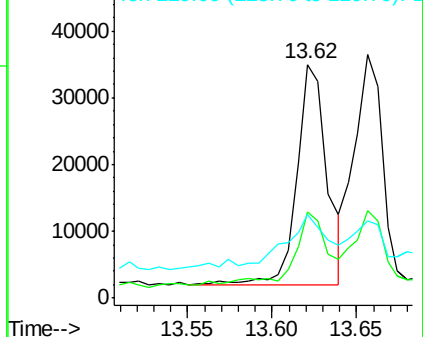
229 35.9 16.3 24.5#

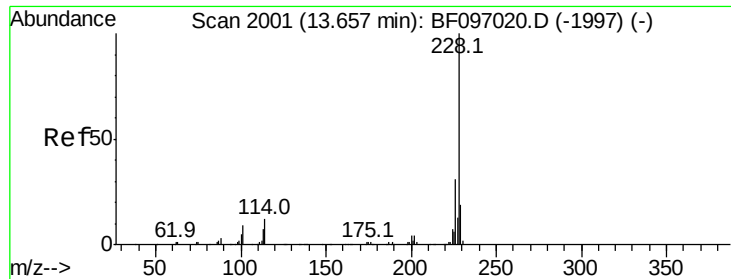


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

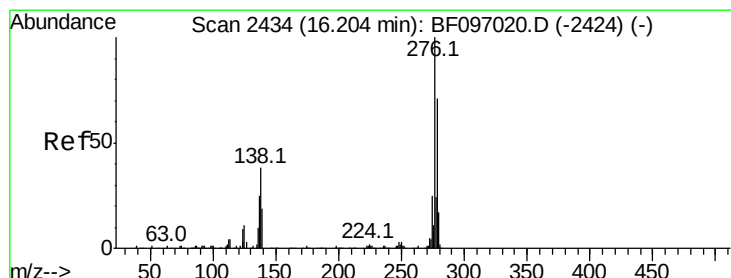
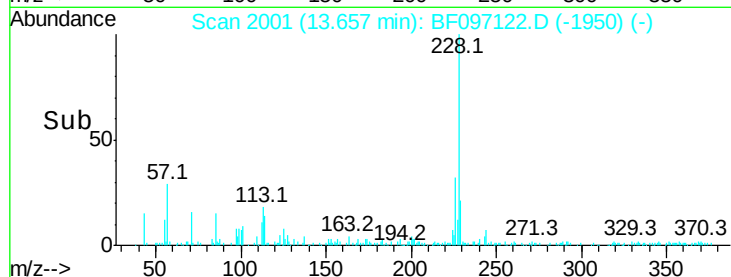
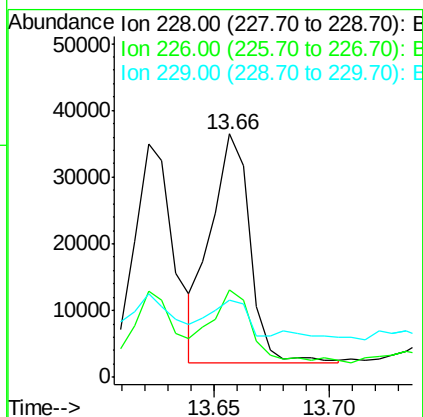
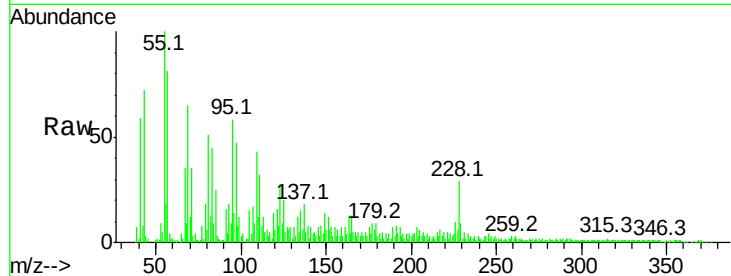




#82
Chrysene
Concen: 4.626 ng
RT: 13.66 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

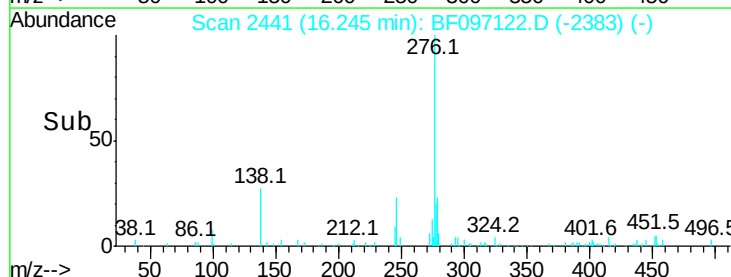
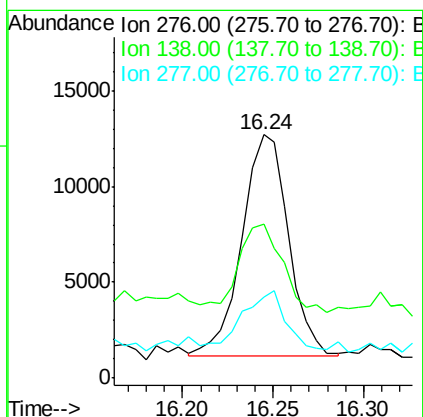
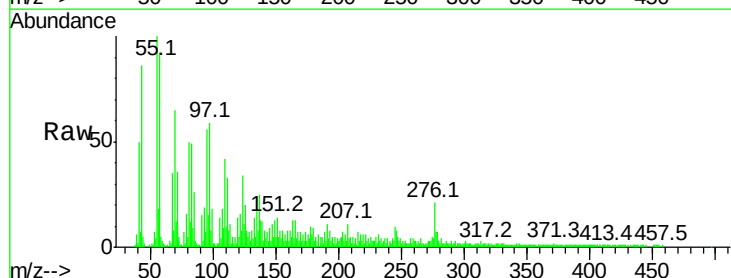
Instrument :
BNA_F
ClientSampled :

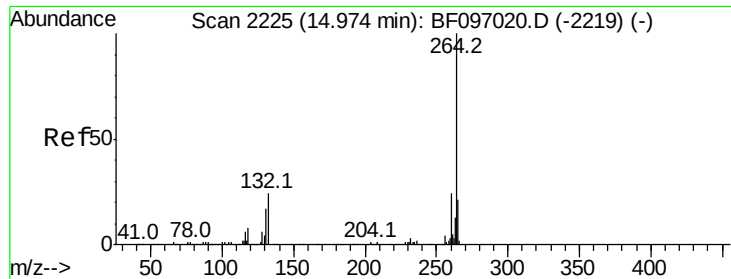
Tot Ion	Ratio	Lower	Upper
228	100		
226	35.8	24.9	37.3
229	31.9	15.8	23.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.778 ng
RT: 16.24 min Scan# 2441
Delta R.T. 0.04 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	37.4	27.8	41.6
277	23.6	20.2	30.4

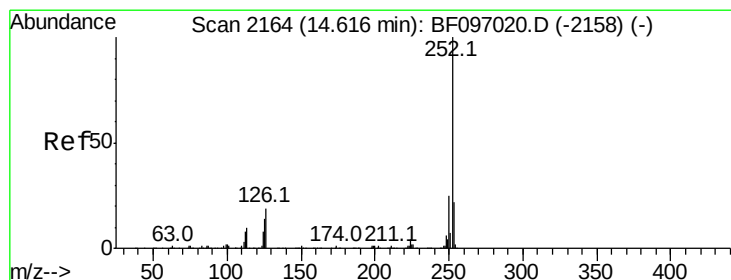
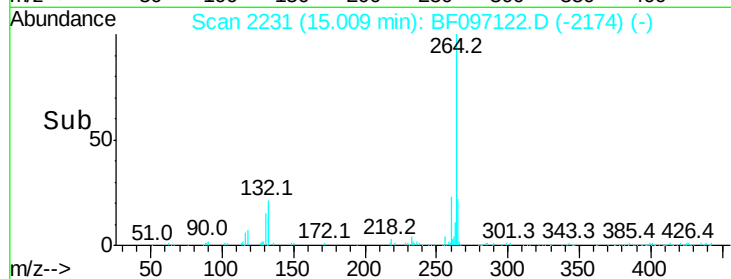
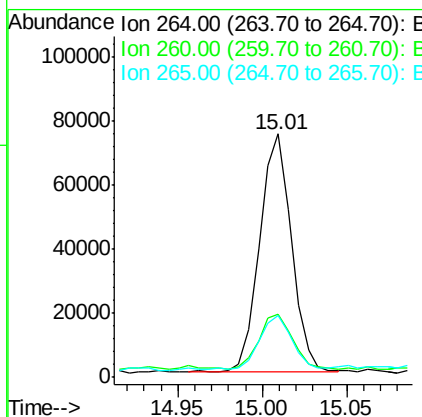
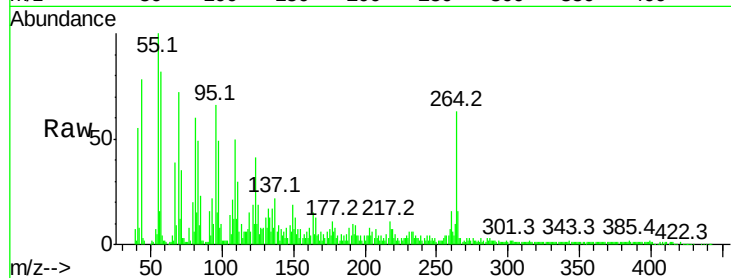




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.01 min Scan# 2231
Delta R.T. 0.04 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

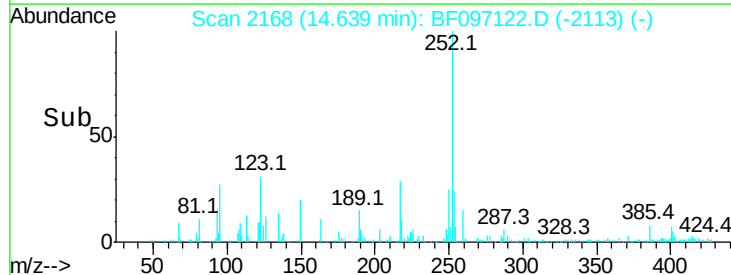
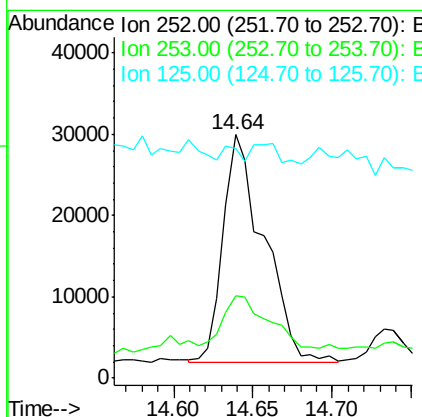
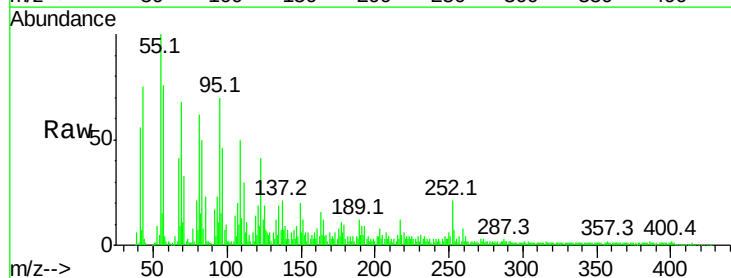
Instrument :
BNA_F
ClientSampleId :

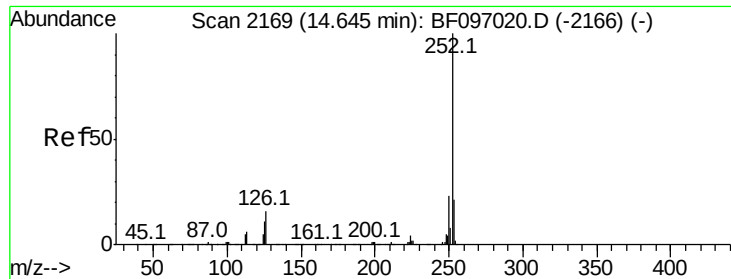
Tot Ion:264 Resp: 97397
Ion Ratio Lower Upper
264 100
260 26.1 19.5 29.3
265 25.3 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 8.560 ng
RT: 14.64 min Scan# 2168
Delta R.T. 0.02 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Tgt Ion:252 Resp: 50116
Ion Ratio Lower Upper
252 100
253 33.6 18.1 27.1#
125 94.2 9.8 14.8#

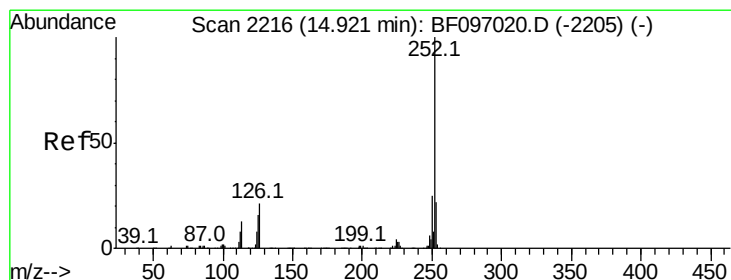
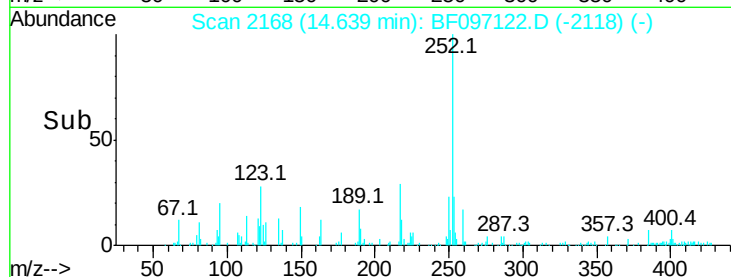
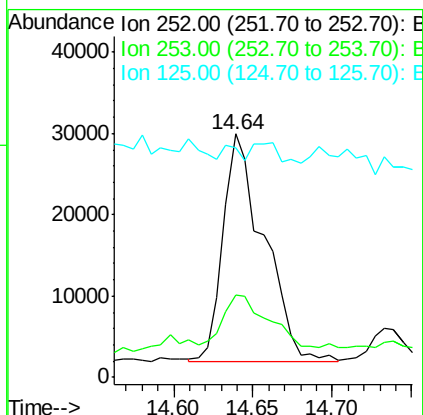
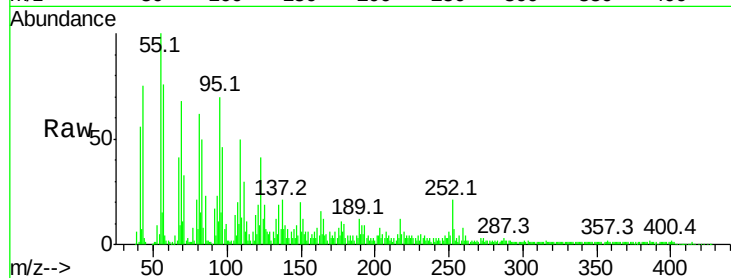




#88
Benzo(k)fluoranthene
Concen: 8.983 ng
RT: 14.64 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

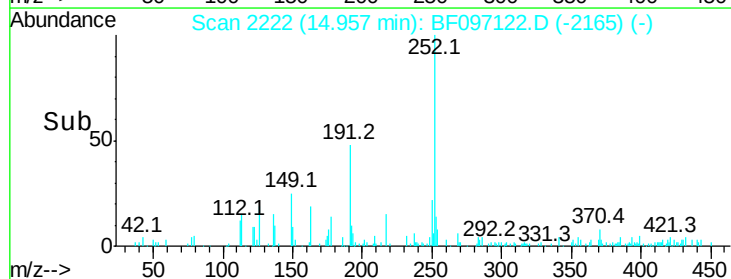
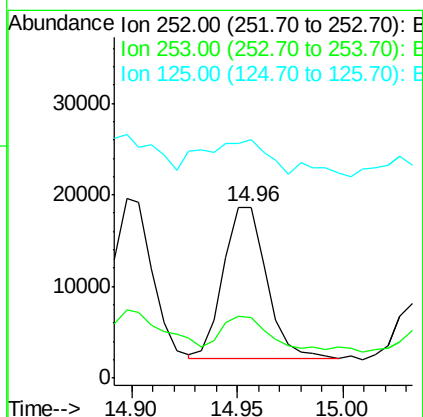
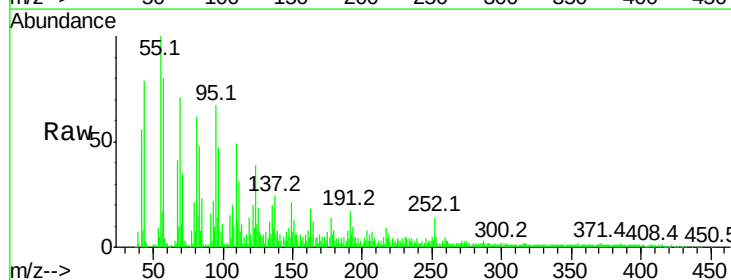
Instrument :
BNA_F
ClientSampleId :

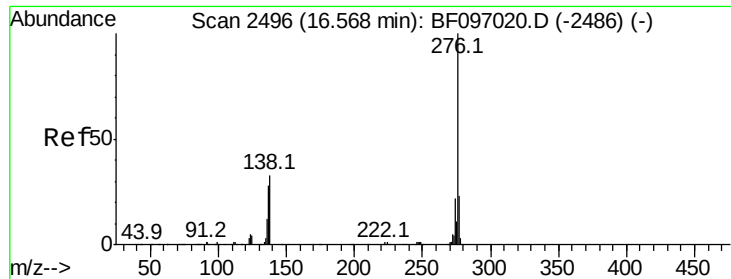
Tot Ion:252 Resp: 50116
Ion Ratio Lower Upper
252 100
253 33.6 18.4 27.6#
125 94.2 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 4.375 ng
RT: 14.96 min Scan# 2222
Delta R.T. 0.04 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Tgt Ion:252 Resp: 23442
Ion Ratio Lower Upper
252 100
253 35.8 17.5 26.3#
125 139.9 11.0 16.4#

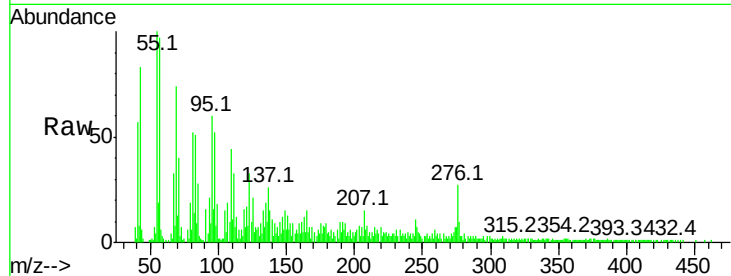




#91
 Benzo(a,h,i)perylene
 Concen: 5.317 ng
 RT: 16.61 min Scan# 2503
 Delta R.T. 0.04 min
 Lab File: BF097122.D
 Acq: 27 Jul 2017 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	36.5	18.6	28.0
138	54.9	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

