

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
 Data File : BF097405.D
 Acq On : 5 Aug 2017 18:55
 Operator : SJ/JU
 Sample : I4558-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 06 01:10:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.43	152	100644	20.00	ng	-0.07
21) Naphthalene-d8	7.71	136	343799	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	124104	20.00	ng	-0.08
63) Phenanthrene-d10	10.93	188	184724	20.00	ng	-0.08
75) Chrysene-d12	13.55	240	148845	20.00	ng	-0.08
86) Perylene-d12	14.90	264	115391	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	770953	115.48	ng	-0.05
7) Phenol-d6	6.12	99	856898	112.43	ng	-0.05
23) Nitrobenzene-d5	7.00	82	422730	72.13	ng	-0.08
41) 2,4,6-Tribromophenol	10.25	330	93326	95.18	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	584671	79.95	ng	-0.08
78) Terphenyl-d14	12.50	244	385288	52.78	ng	-0.08

Target Compounds						Qvalue
10) Phenol	6.13	94	45449	5.03	ng	# 39
13) 1,4-Dichlorobenzene	6.45	146	36222	4.75	ng	97
14) 1,2-Dichlorobenzene	6.60	146	46258	6.95	ng	98
22) Acetophenone	6.85	105	69996	8.48	ng	99
25) Isophorone	7.00	82	410286	35.75	ng	# 67
30) 1,2,4-Trichlorobenzene	7.66	180	8961	2.00	ng	# 94
31) Naphthalene	7.73	128	216821	13.38	ng	98
32) Benzoic acid	7.56	122	9111	2.24	ng	94
35) Caprolactam	8.16	113	10843	7.21	ng	# 1
37) 2-Methylnaphthalene	8.43	142	554261	54.02	ng	99
45) 1,1'-Biphenyl	8.89	154	107565	10.15	ng	99
48) Acenaphthylene	9.32	152	41351	3.45	ng	# 63
49) Dimethylphthalate	9.19	163	364524	38.68	ng	98
51) Acenaphthene	9.49	154	137654	19.52	ng	96
54) Dibenzofuran	9.66	168	67950	7.23	ng	# 72
55) 4-Nitrophenol	9.70	139	7760	5.26	ng	90
56) 2,4-Dinitrotoluene	9.66	165	9120	3.97	ng	# 39
57) Fluorene	10.00	166	109820	15.55	ng	# 96
65) n-Nitrosodiphenylamine	10.05	169	30518	4.75	ng	95
66) 4-Bromophenyl-phenylether	10.24	248	6223	3.38	ng	# 1
67) Hexachlorobenzene	10.55	284	10840	5.24	ng	# 71
70) Phenanthrene	10.95	178	592810	59.89	ng	99
71) Anthracene	11.00	178	204470	20.17	ng	98
72) Carbazole	11.17	167	65714	6.59	ng	99
73) Di-n-butylphthalate	11.50	149	49648	4.03	ng	98
74) Fluoranthene	12.13	202	710556	73.28	ng	99
77) Pyrene	12.36	202	716293	58.78	ng	99
79) Butylbenzylphthalate	13.02	149	1893188	305.43	ng	# 80
80) Benzo(a)anthracene	13.54	228	308295	32.01	ng	95
82) Chrysene	13.58	228	282771	30.07	ng	97
83) Bis(2-ethylhexyl)phthalate	13.56	149	926562	114.49	ng	# 65
84) Di-n-octyl phthalate	14.17	149	1876108	126.32	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.09	276	94532	11.72	ng	97
87) Benzo(b)fluoranthene	14.55	252	333990	48.15	ng	# 96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
Data File : BF097405.D
Acq On : 5 Aug 2017 18:55
Operator : SJ/JU
Sample : I4558-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 06 01:10:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration

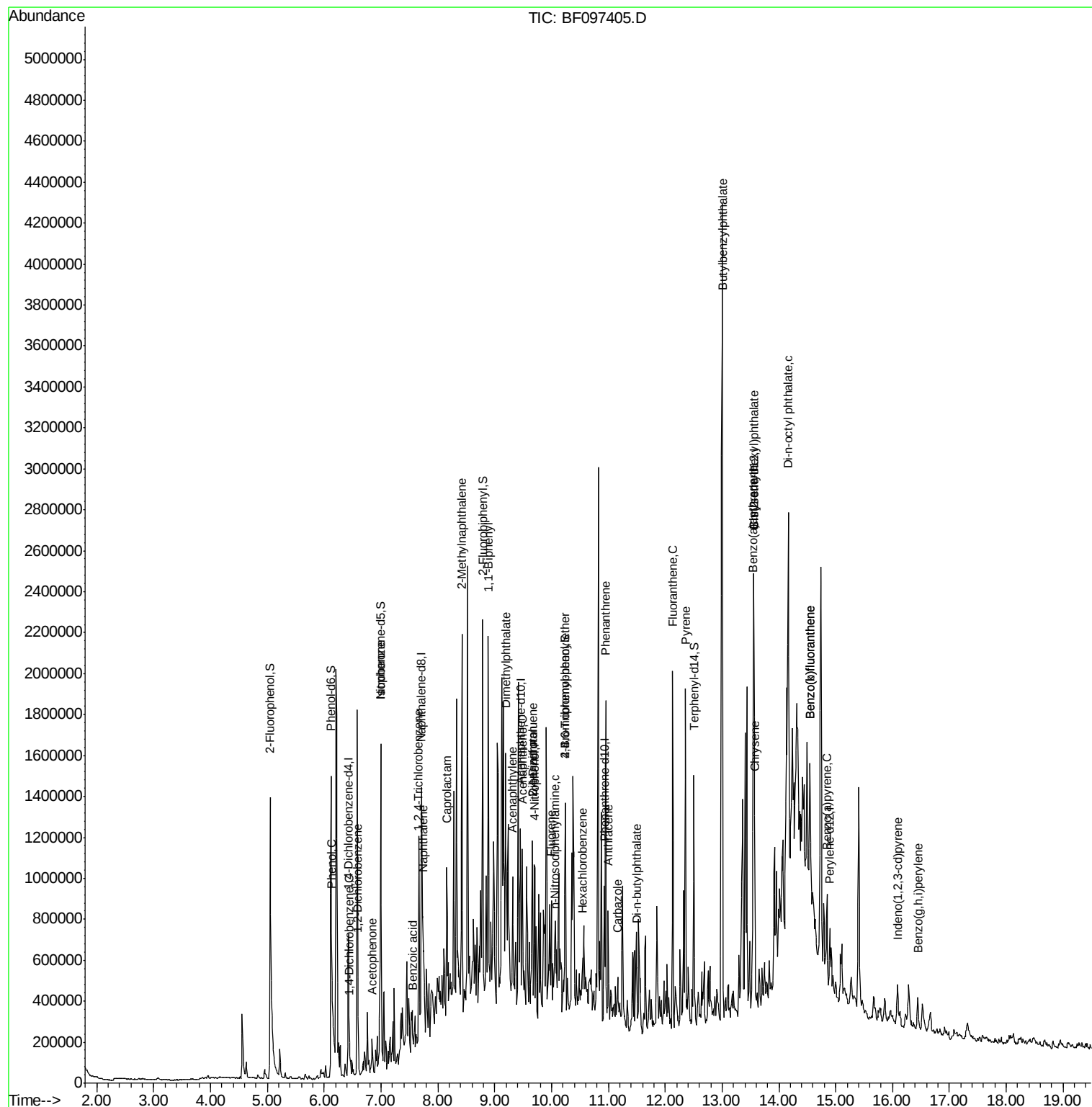
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(k)fluoranthene	14.55	252	333990	50.53	ng	99
89) Benzo(a)pyrene	14.84	252	184014	28.99	ng #	96
91) Benzo(g,h,i)perylene	16.44	276	93703	17.16	ng	98

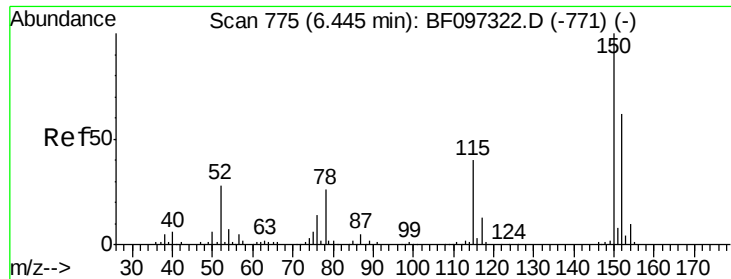
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
Data File : BF097405.D
Acq On : 5 Aug 2017 18:55
Operator : SJ/JU
Sample : I4558-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 06 01:10:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration



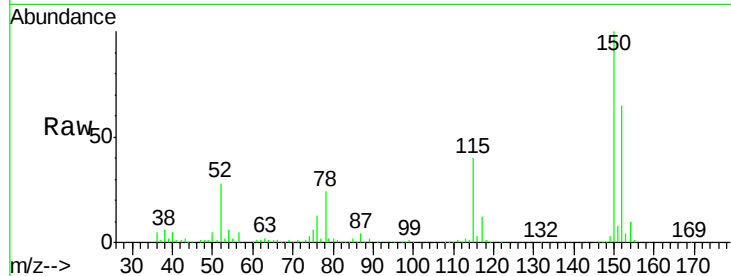


#1

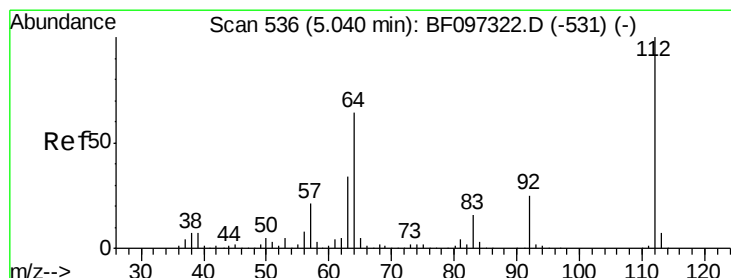
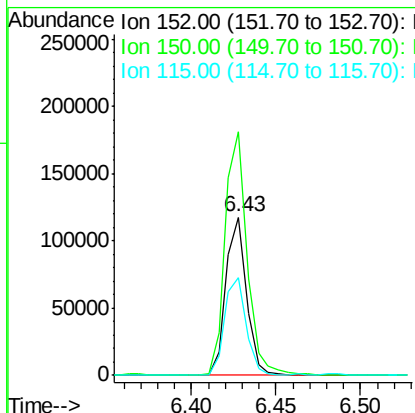
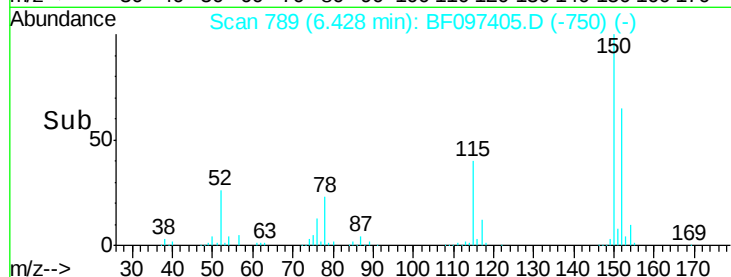
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.43 min Scan# 789
Delta R.T. -0.07 min
Lab File: BF097405.D
Acq: 5 Aug 2017 18:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 100644
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.2
115 61.9 52.2 78.2



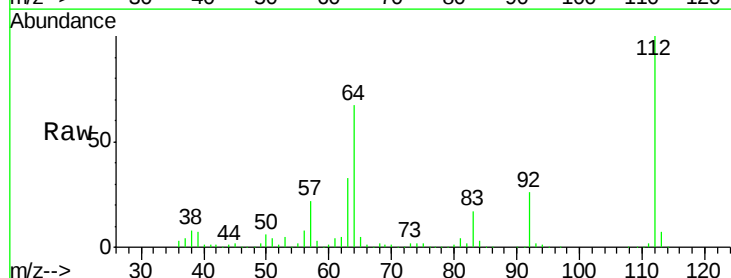
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



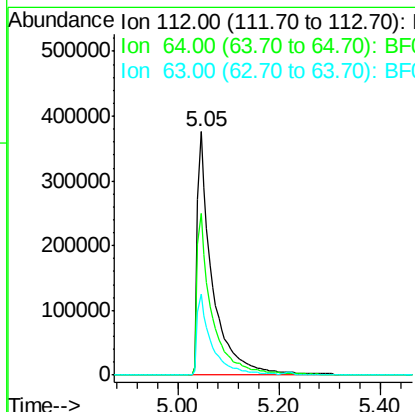
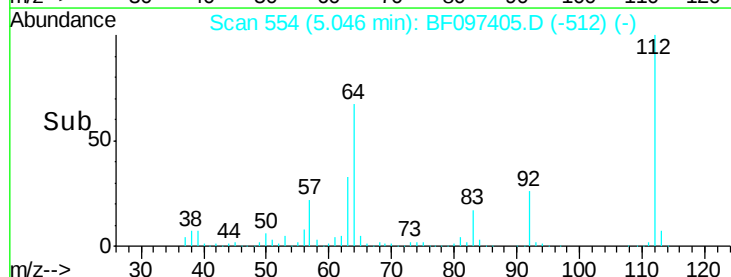
#5

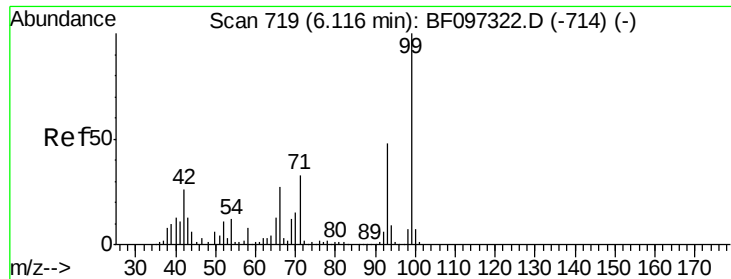
2-Fluorophenol
Concen: 115.48 ng
RT: 5.05 min Scan# 554
Delta R.T. -0.05 min
Lab File: BF097405.D
Acq: 5 Aug 2017 18:55

Tgt Ion:112 Resp: 770953
Ion Ratio Lower Upper
112 100
64 66.6 46.0 69.0
63 33.1 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: 112.43 ng

RT: 6.12 min Scan# 736

Delta R.T. -0.05 min

Lab File: BF097405.D

Acq: 5 Aug 2017 18:55

Instrument :

BNA_F

ClientSampleId :

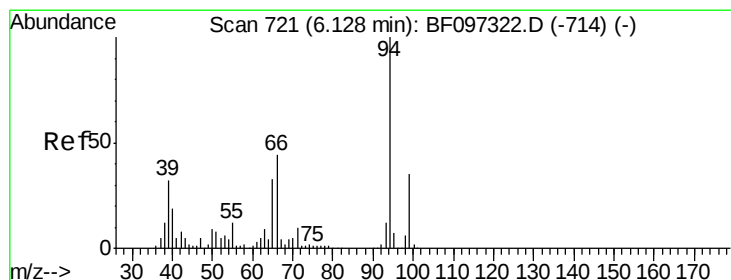
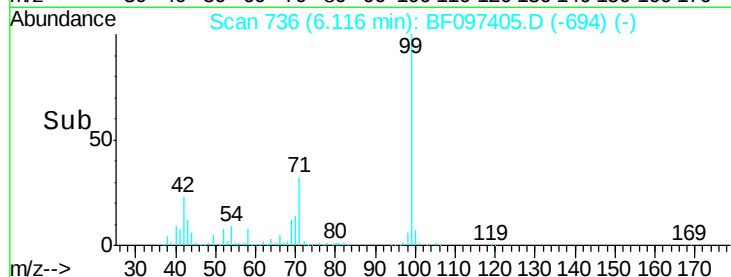
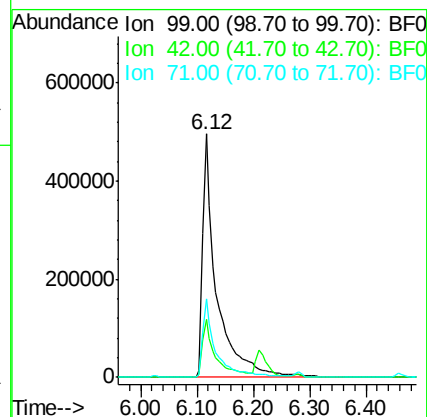
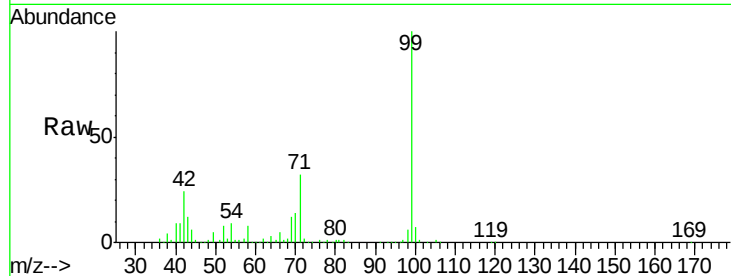
Tot Ion: 99 Resp: 856898

Ion Ratio Lower Upper

99 100

42 23.6 13.5 20.3#

71 32.4 24.5 36.7



#10

Phenol

Concen: 5.03 ng

RT: 6.13 min Scan# 739

Delta R.T. -0.05 min

Lab File: BF097405.D

Acq: 5 Aug 2017 18:55

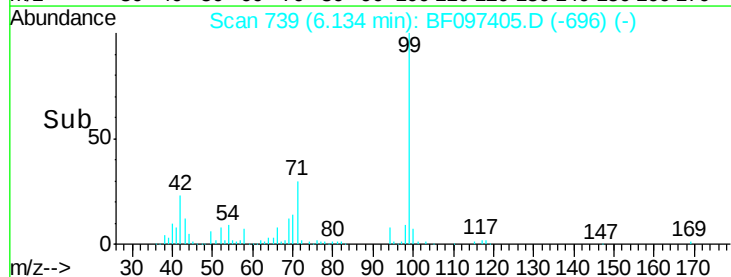
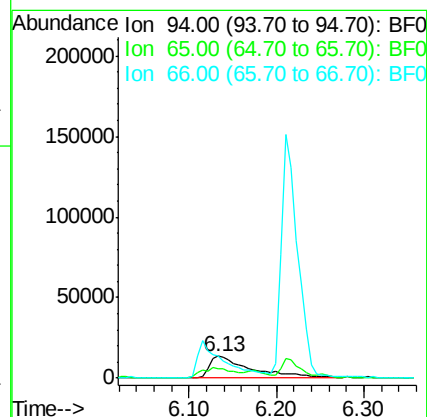
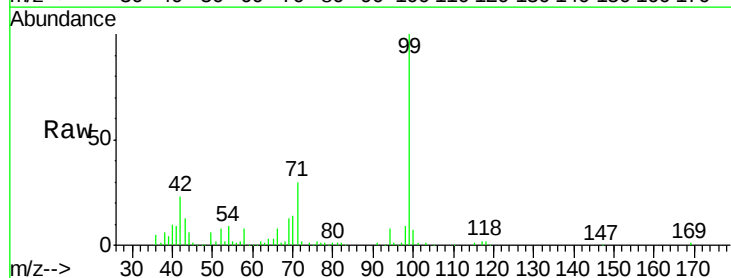
Tgt Ion: 94 Resp: 45449

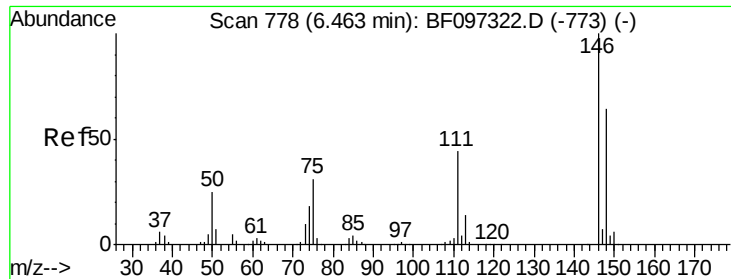
Ion Ratio Lower Upper

94 100

65 40.8 9.9 49.9

66 100.2 23.1 63.1#

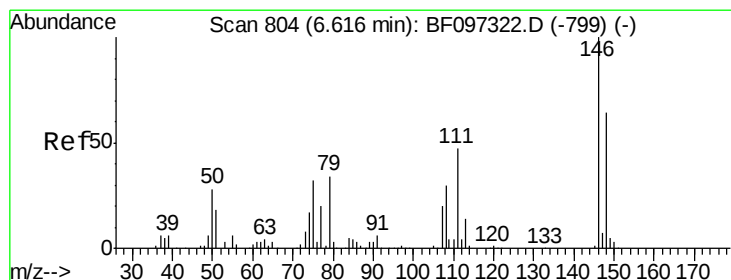
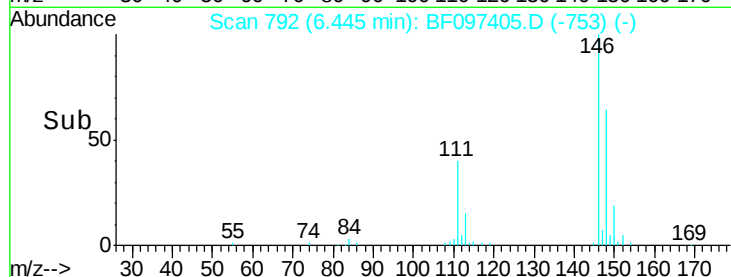
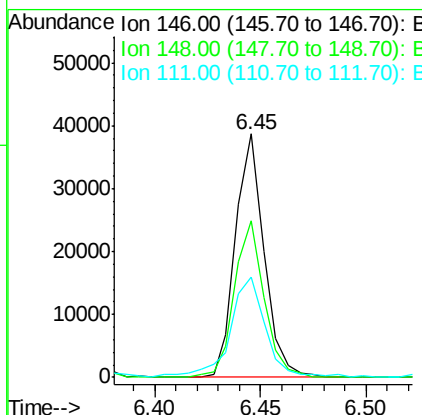
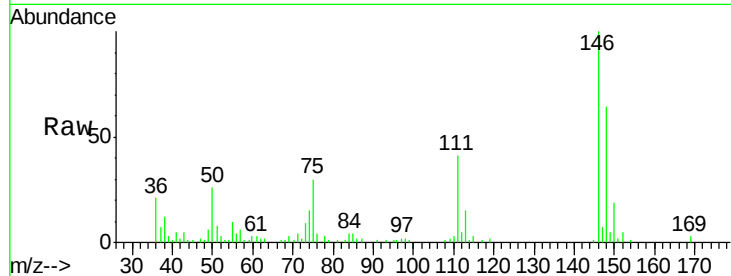




#13
 1,4-Dichlorobenzene
 Concen: 4.75 ng
 RT: 6.45 min Scan# 792
 Delta R.T. -0.07 min
 Lab File: BF097405.D
 Acq: 5 Aug 2017 18:55

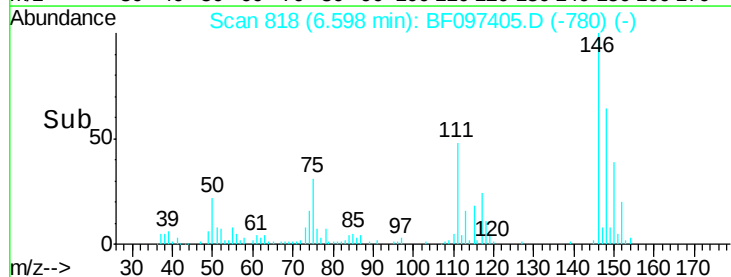
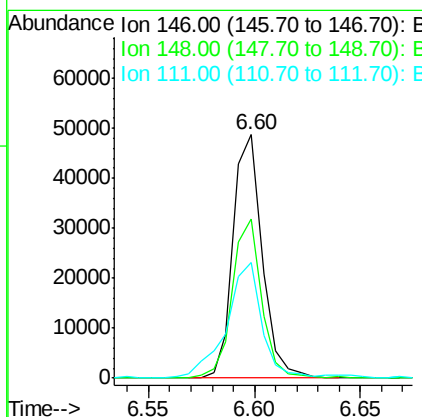
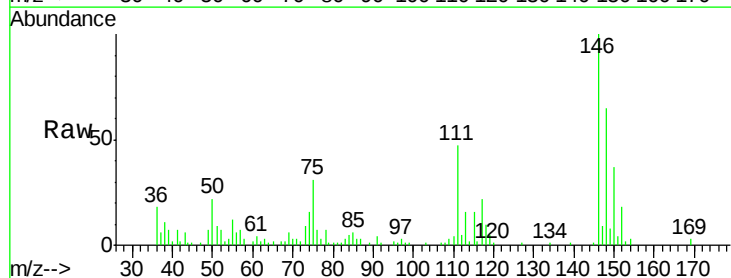
Instrument :
 BNA_F
 ClientSampleId :

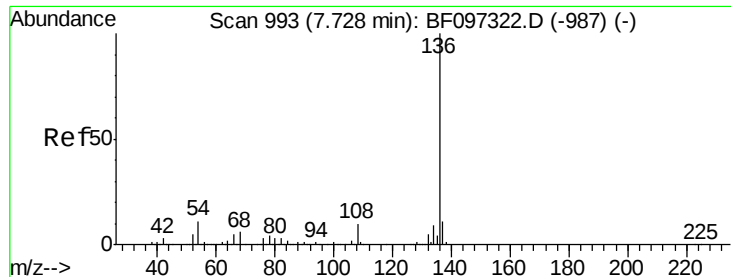
Tot Ion:146 Resp: 36222
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.2
 111 41.4 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 6.95 ng
 RT: 6.60 min Scan# 818
 Delta R.T. -0.08 min
 Lab File: BF097405.D
 Acq: 5 Aug 2017 18:55

Tgt Ion:146 Resp: 46258
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.4 75.6
 111 47.4 38.2 57.4

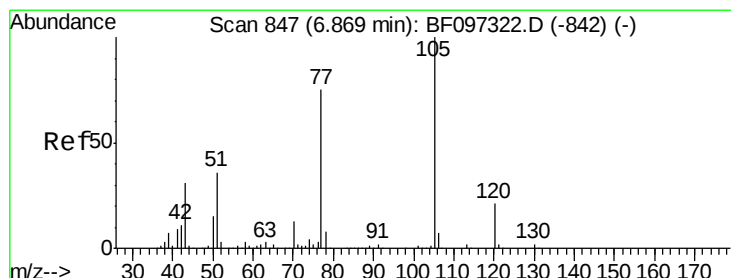
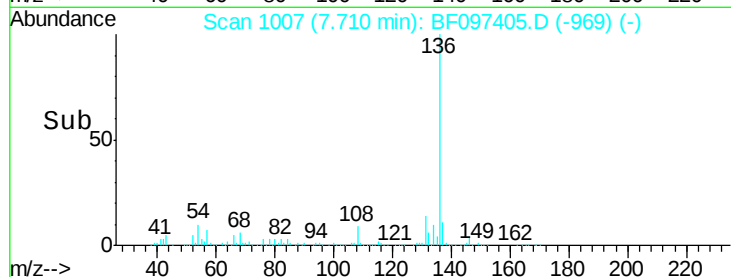
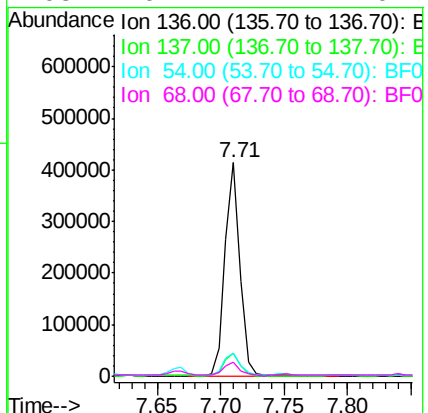
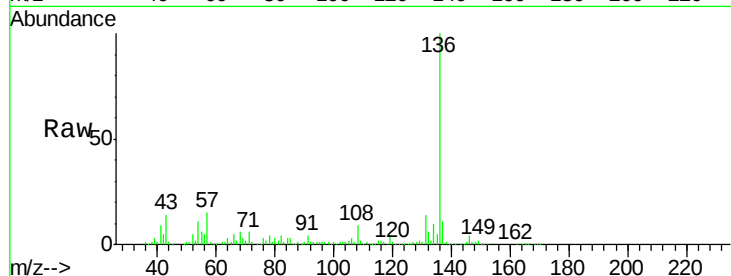




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.71 min Scan# 1007
Delta R.T. -0.08 min
Lab File: BF097405.D
Acq: 5 Aug 2017 18:55

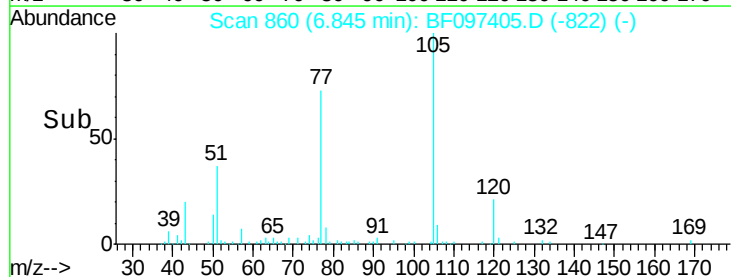
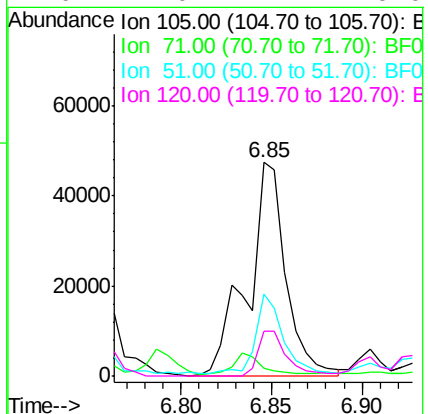
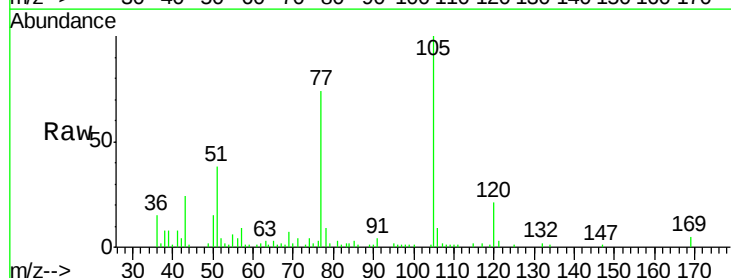
Instrument :
BNA_F
ClientSampleId :

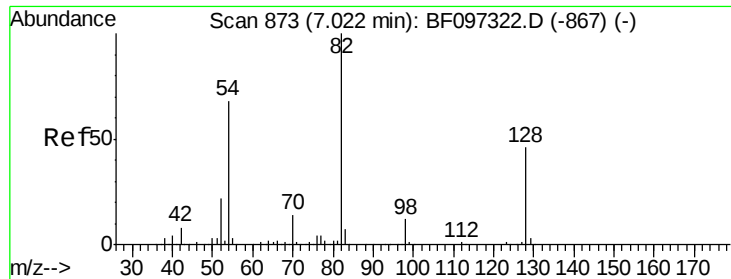
Tot Ion:136	Resp:	343799
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	10.5	4.9 7.3#
68	6.4	4.1 6.1#



#22
Acetophenone
Concen: 8.48 ng
RT: 6.85 min Scan# 860
Delta R.T. -0.08 min
Lab File: BF097405.D
Acq: 5 Aug 2017 18:55

Tgt Ion:105	Resp:	69996
Ion Ratio	Lower	Upper
105	100	
71	3.6	2.8 4.2
51	38.2	30.7 46.1
120	21.0	17.4 26.0

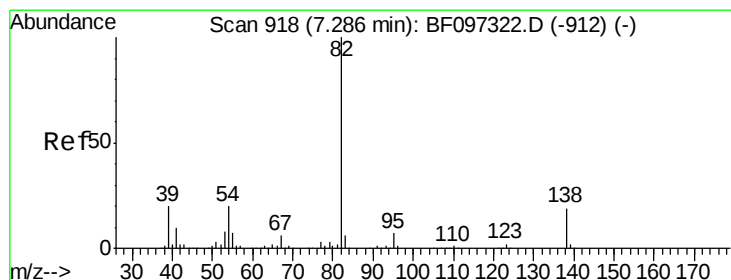
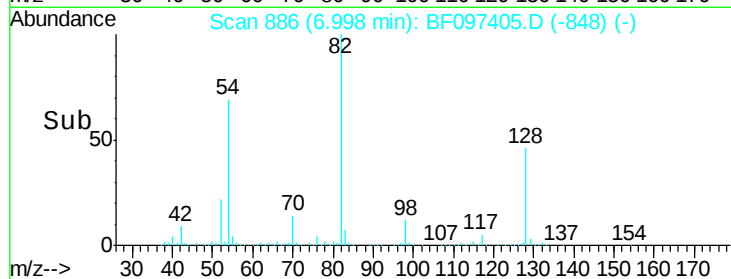
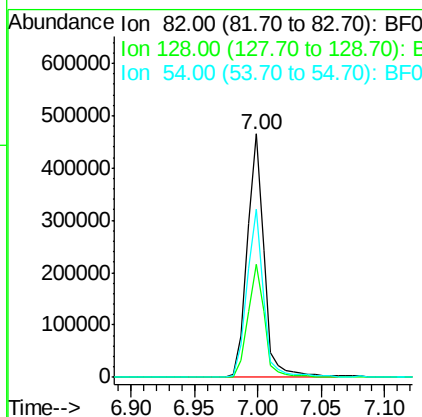
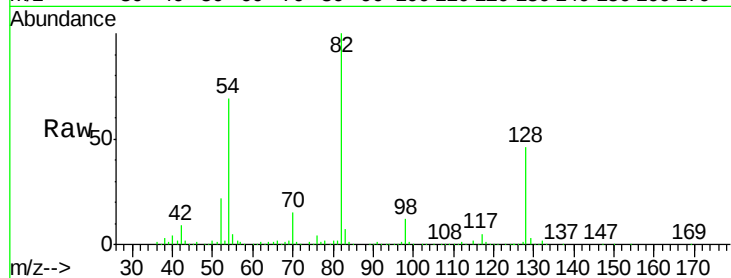




#23
Nitrobenzene-d5
Concen: 72.13 ng
RT: 7.00 min Scan# 886
Delta R.T. -0.08 min
Lab File: BF097405.D
Acq: 5 Aug 2017 18:55

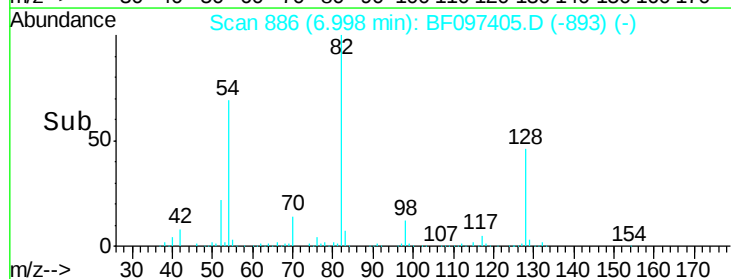
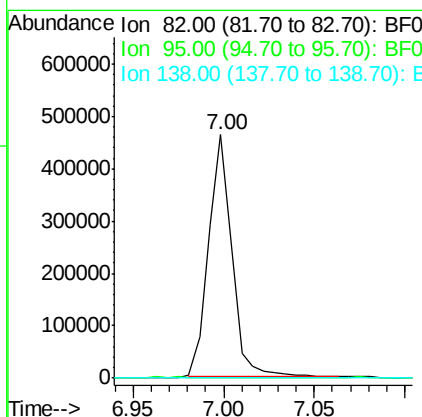
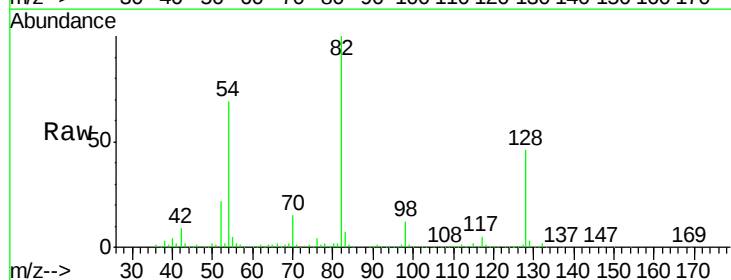
Instrument :
BNA_F
ClientSampleId :

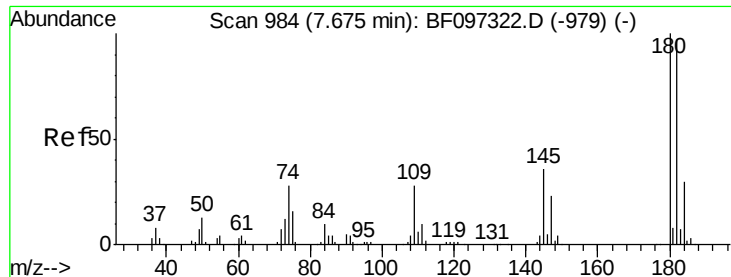
Tot Ion: 82 Resp: 422730
Ion Ratio Lower Upper
82 100
128 46.3 34.0 51.0
54 68.8 42.2 63.2#



#25
Isophorone
Concen: 35.75 ng
RT: 7.00 min Scan# 886
Delta R.T. -0.34 min
Lab File: BF097405.D
Acq: 5 Aug 2017 18:55

Tgt Ion: 82 Resp: 410286
Ion Ratio Lower Upper
82 100
95 0.2 5.3 7.9#
138 0.0 13.1 19.7#

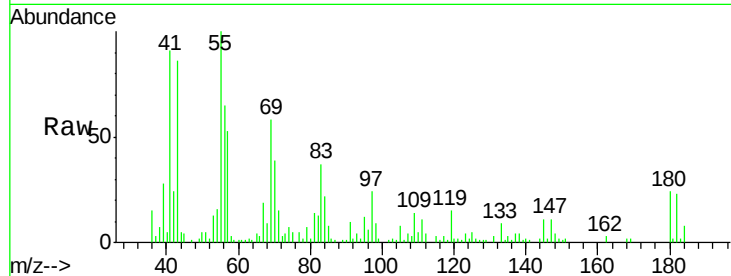




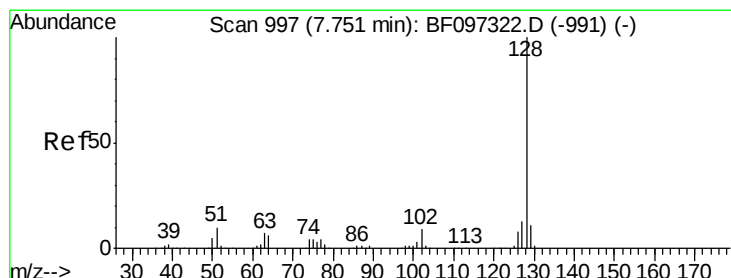
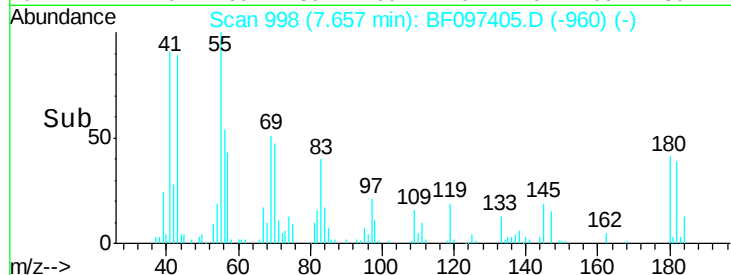
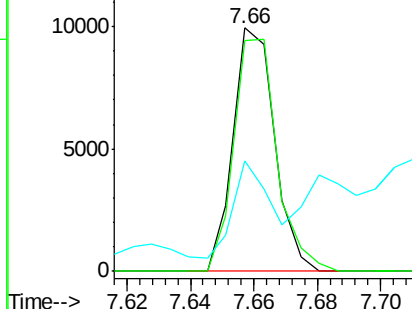
#30
 1,2,4-Trichlorobenzene
 Concen: 2.00 ng
 RT: 7.66 min Scan# 998
 Delta R.T. -0.08 min
 Lab File: BF097405.D
 Acq: 5 Aug 2017 18:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 8961
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.8 113.6
 145 45.6 25.3 37.9#

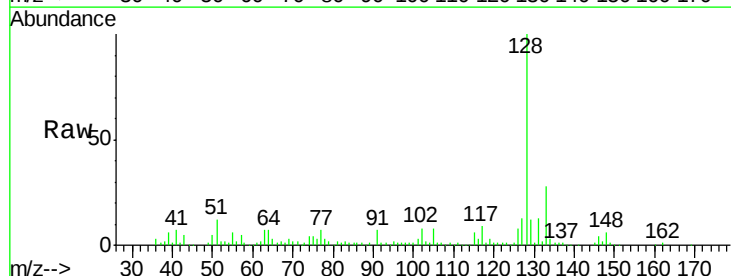


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

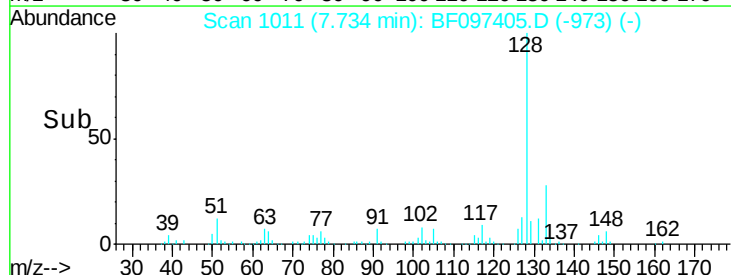
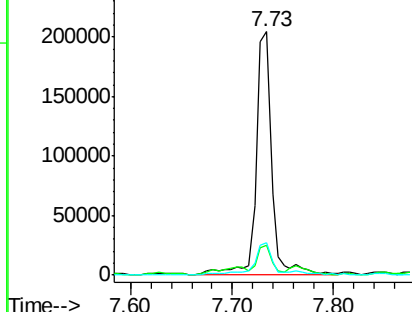


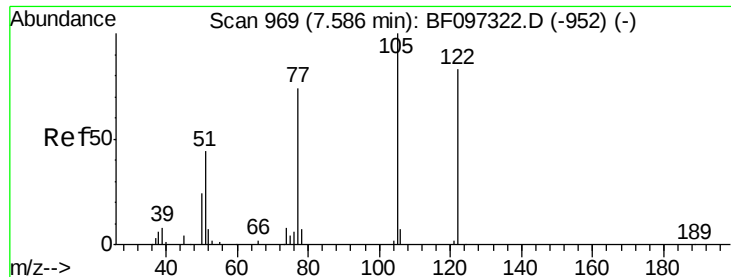
#31
 Naphthalene
 Concen: 13.38 ng
 RT: 7.73 min Scan# 1011
 Delta R.T. -0.08 min
 Lab File: BF097405.D
 Acq: 5 Aug 2017 18:55

Tgt Ion:128 Resp: 216821
 Ion Ratio Lower Upper
 128 100
 129 12.4 9.0 13.6
 127 13.1 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

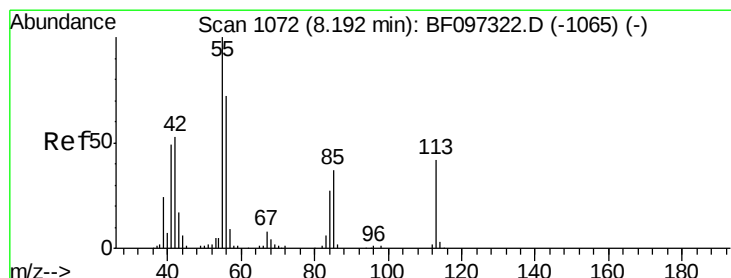
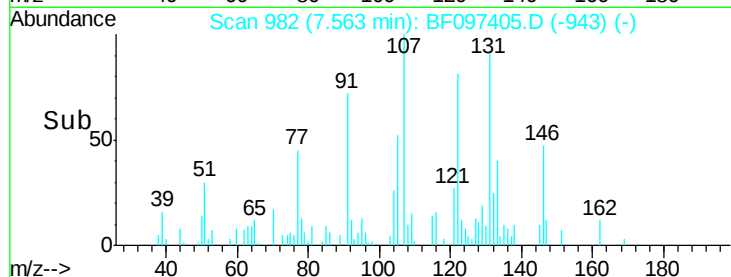
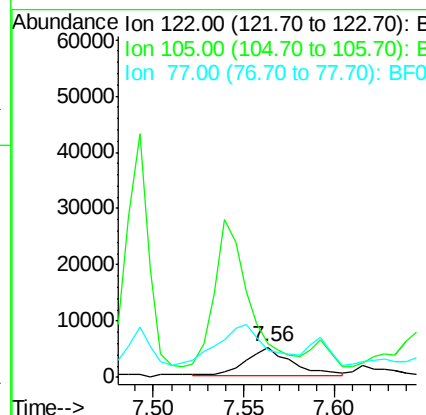
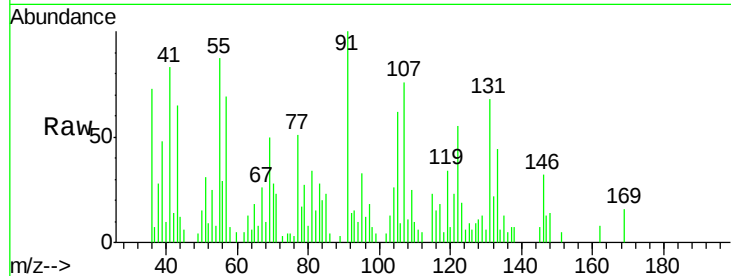




#32
Benzoic acid
Concen: 2.24 ng
RT: 7.56 min Scan# 982
Delta R.T. -0.07 min
Lab File: BF097405.D
Acq: 5 Aug 2017 18:55

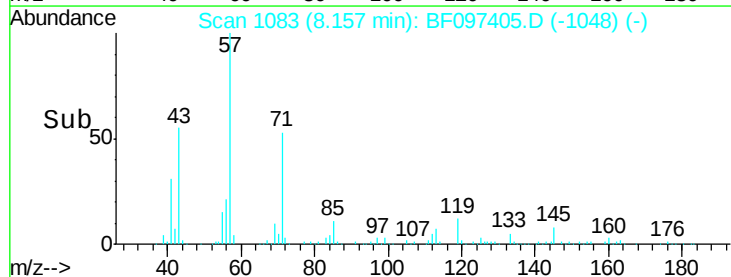
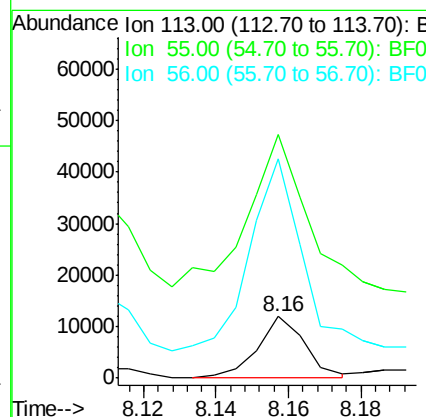
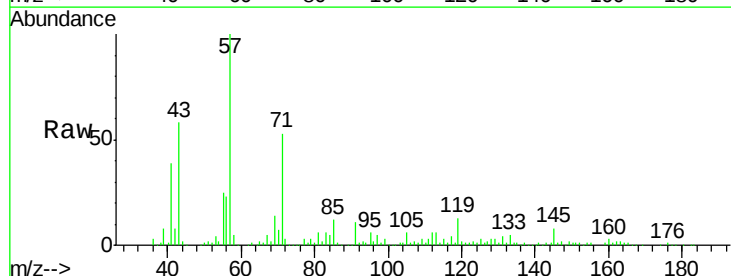
Instrument :
BNA_F
ClientSampled :

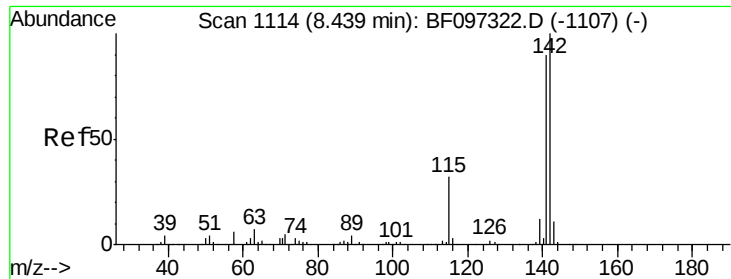
Tot Ion:122 Resp: 9111
Ion Ratio Lower Upper
122 100
105 112.4 103.3 143.3
77 92.2 73.7 113.7



#35
Caprolactam
Concen: 7.21 ng
RT: 8.16 min Scan# 1083
Delta R.T. -0.09 min
Lab File: BF097405.D
Acq: 5 Aug 2017 18:55

Tgt Ion:113 Resp: 10843
Ion Ratio Lower Upper
113 100
55 394.7 150.2 190.2#
56 354.9 107.8 147.8#

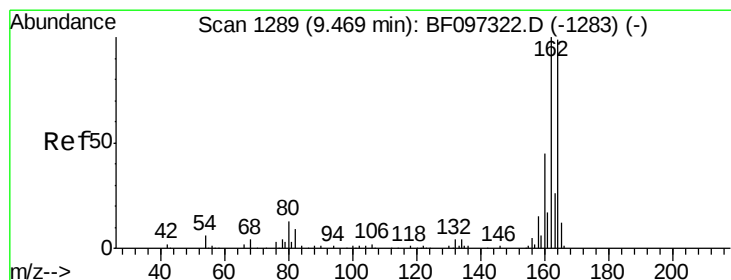
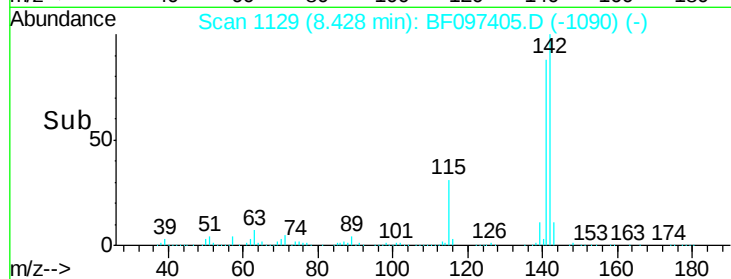
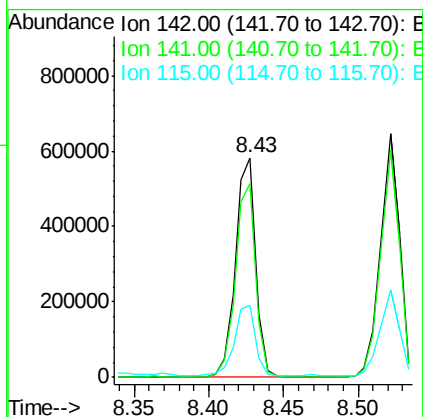
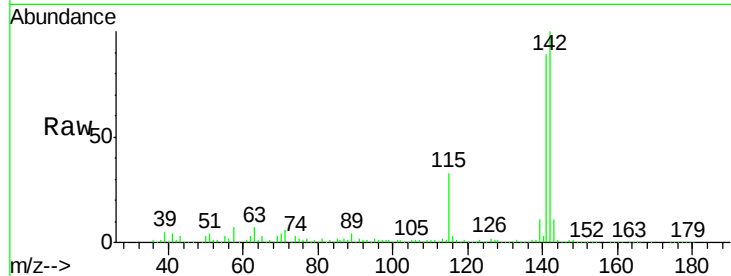




#37
 2-Methylnaphthalene
 Concen: 54.02 ng
 RT: 8.43 min Scan# 1129
 Delta R.T. -0.07 min
 Lab File: BF097405.D
 Acq: 5 Aug 2017 18:55

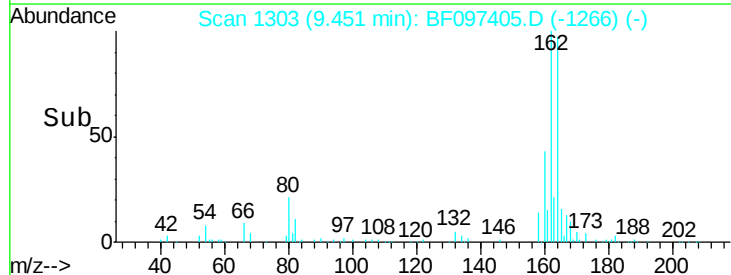
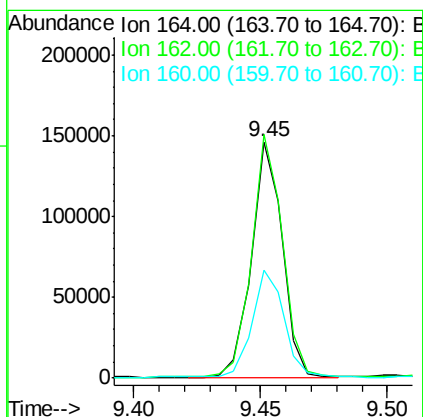
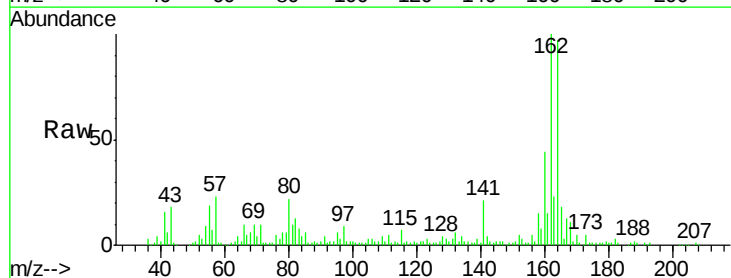
Instrument :
 BNA_F
 ClientSampleId :

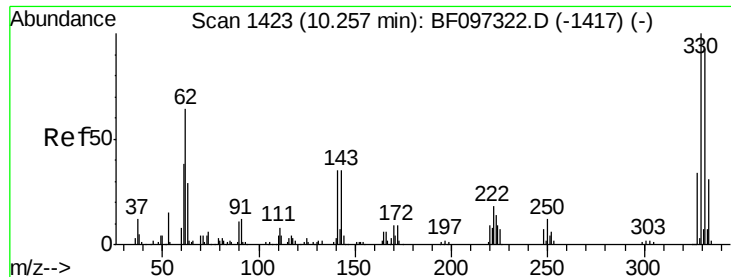
Tot Ion:142 Resp: 554261
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.3 106.9
 115 32.6 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.45 min Scan# 1303
 Delta R.T. -0.08 min
 Lab File: BF097405.D
 Acq: 5 Aug 2017 18:55

Tgt Ion:164 Resp: 124104
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.6 123.8
 160 45.4 36.2 54.2

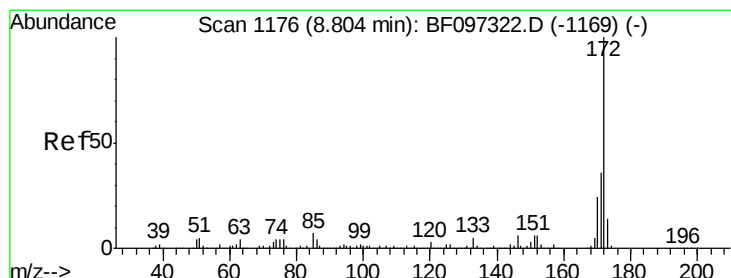
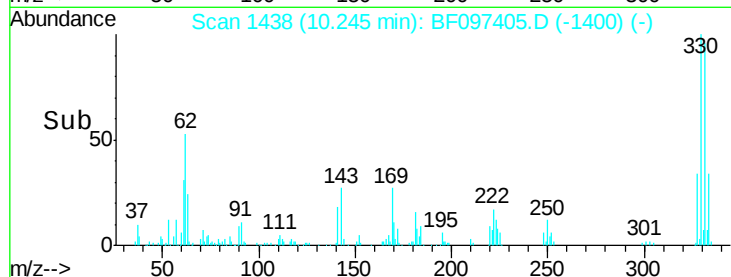
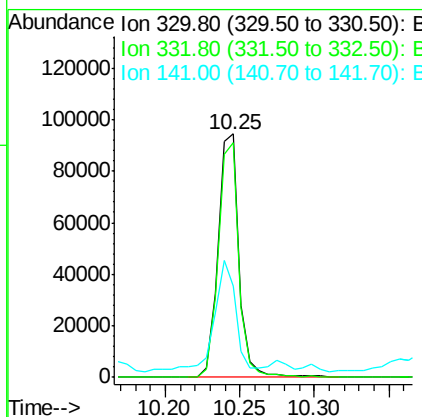
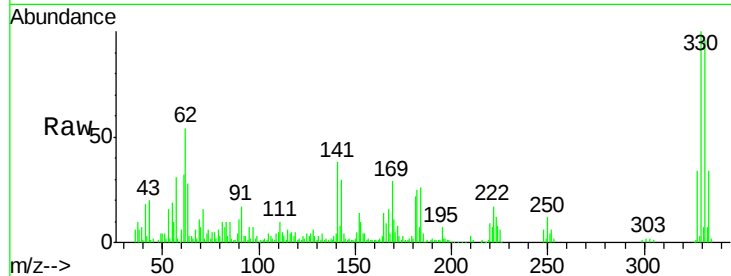




#41
 2,4,6-Tribromophenol
 Concen: 95.18 ng
 RT: 10.25 min Scan# 1438
 Delta R.T. -0.08 min
 Lab File: BF097405.D
 Acq: 5 Aug 2017 18:55

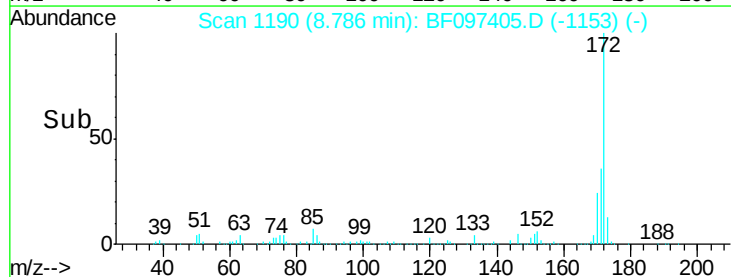
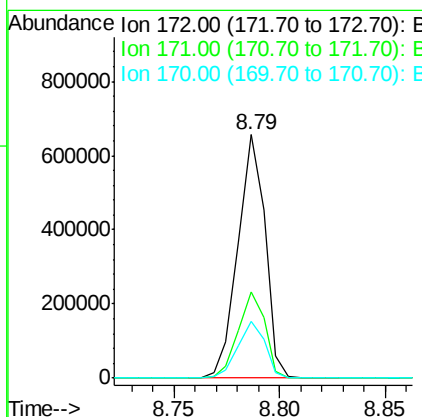
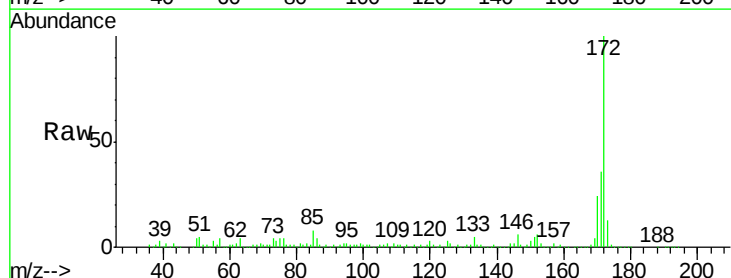
Instrument :
 BNA_F
 ClientSampleId :

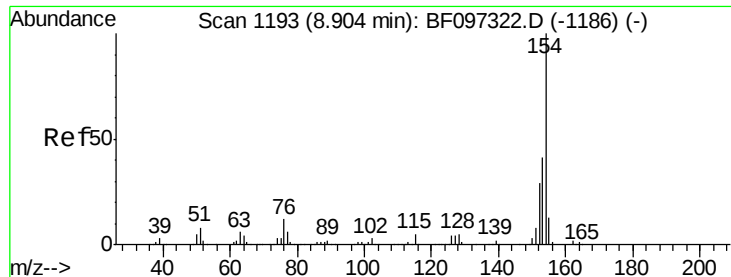
Tot Ion:330 Resp: 93326
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 48.0 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 79.95 ng
 RT: 8.79 min Scan# 1190
 Delta R.T. -0.08 min
 Lab File: BF097405.D
 Acq: 5 Aug 2017 18:55

Tgt Ion:172 Resp: 584671
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.5 19.8 29.8

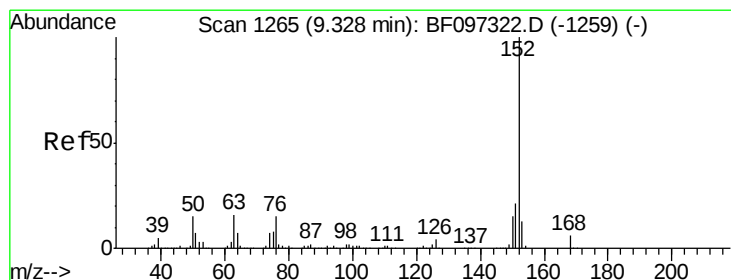
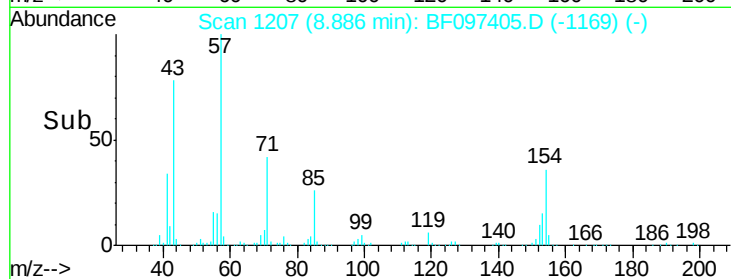
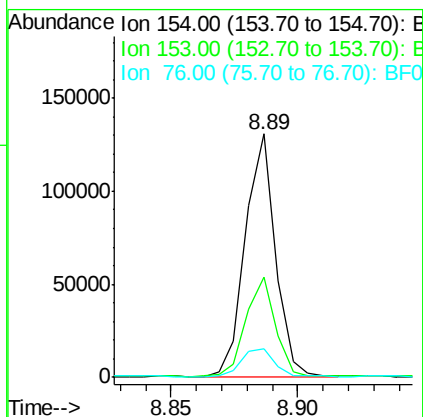
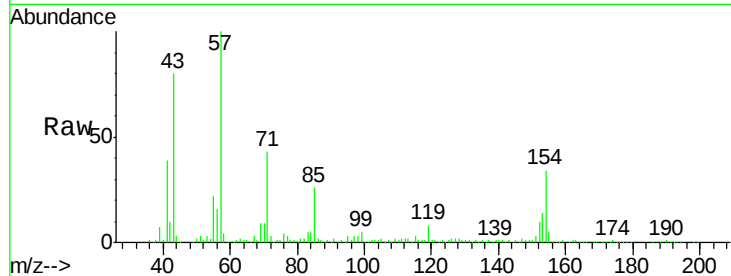




#45
 1,1'-Biphenyl
 Concen: 10.15 ng
 RT: 8.89 min Scan# 1207
 Delta R.T. -0.08 min
 Lab File: BF097405.D
 Acq: 5 Aug 2017 18:55

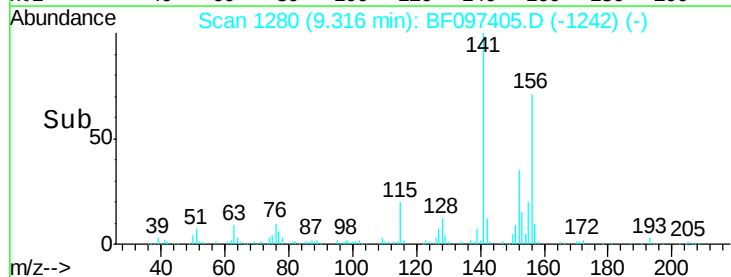
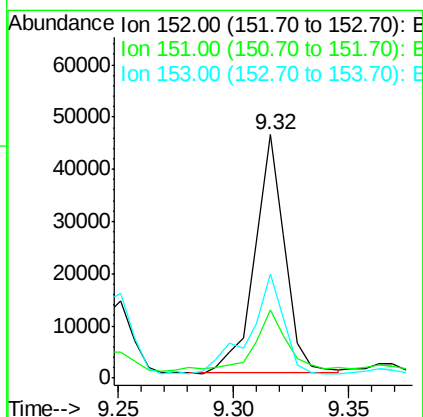
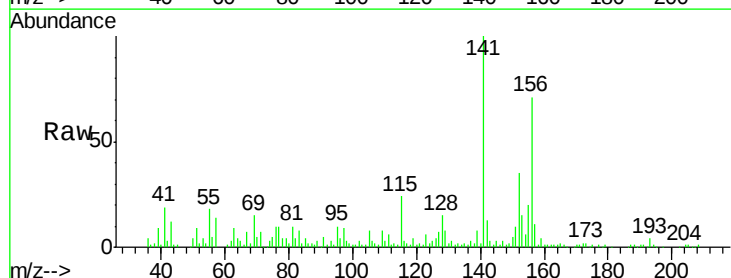
Instrument :
 BNA_F
 ClientSampleId :

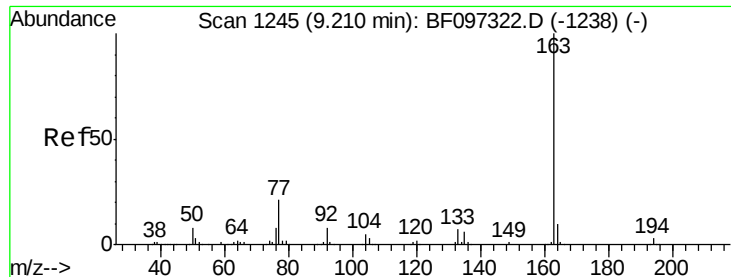
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.2	61.2
76	11.8	0.0	29.9



#48
 Acenaphthylene
 Concen: 3.45 ng
 RT: 9.32 min Scan# 1280
 Delta R.T. -0.08 min
 Lab File: BF097405.D
 Acq: 5 Aug 2017 18:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	28.0	16.8	25.2#
153	42.7	10.8	16.2#

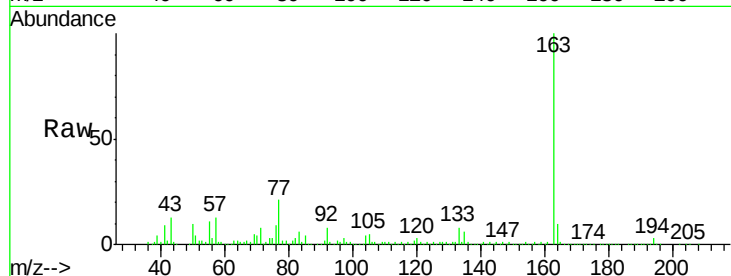




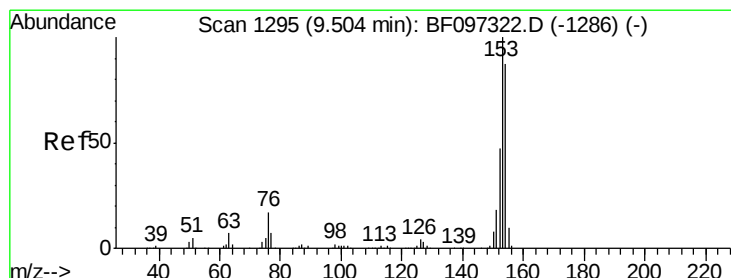
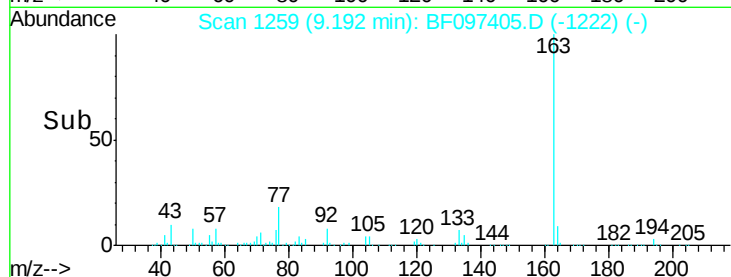
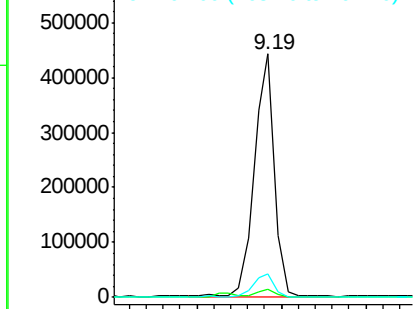
#49
Dimethylphthalate
Concen: 38.68 ng
RT: 9.19 min Scan# 1259
Delta R.T. -0.08 min
Lab File: BF097405.D
Acq: 5 Aug 2017 18:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 364524
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.7 8.4 12.6

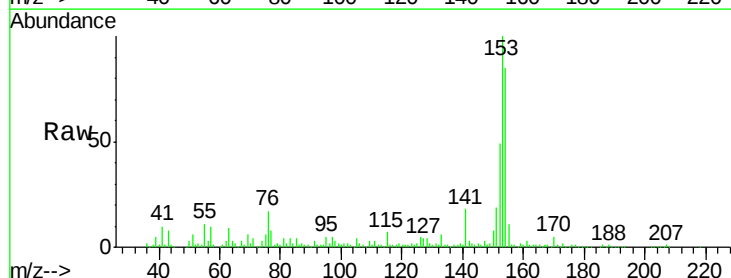


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

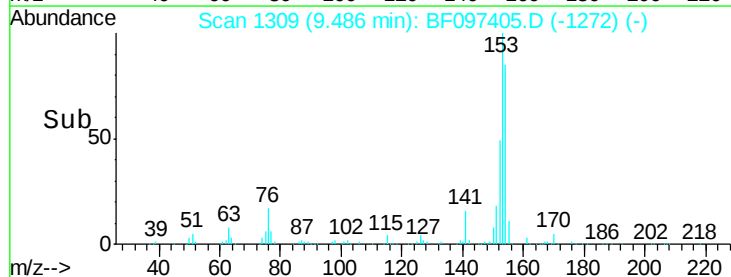
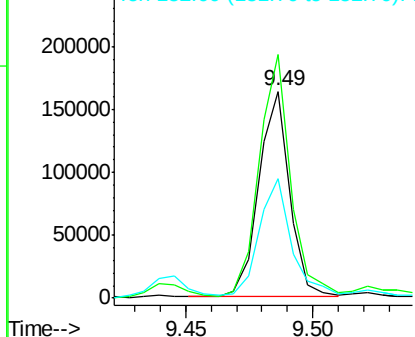


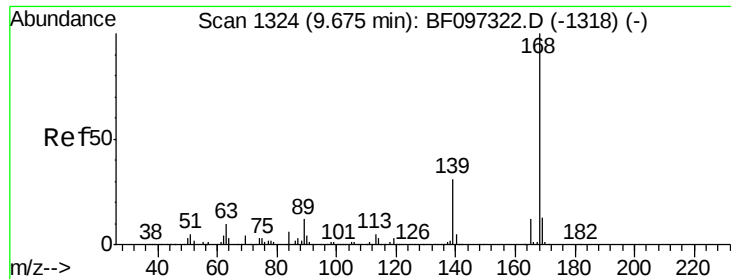
#51
Acenaphthene
Concen: 19.52 ng
RT: 9.49 min Scan# 1309
Delta R.T. -0.08 min
Lab File: BF097405.D
Acq: 5 Aug 2017 18:55

Tgt Ion:154 Resp: 137654
Ion Ratio Lower Upper
154 100
153 117.8 90.5 135.7
152 57.6 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

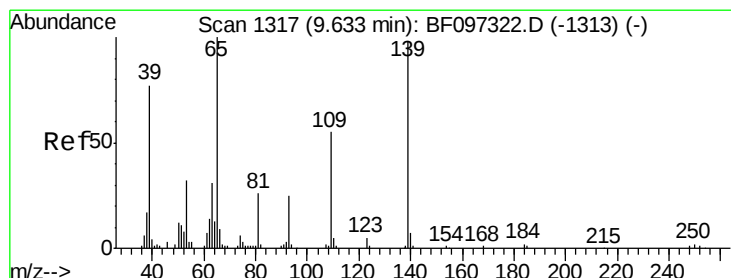
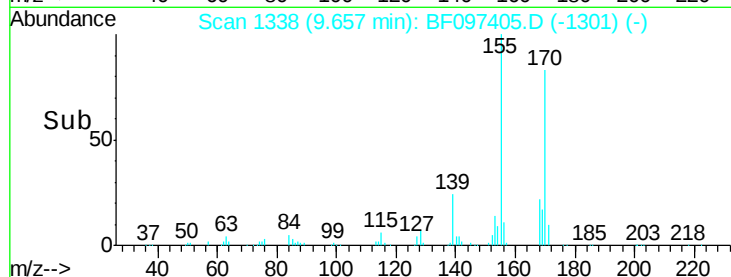
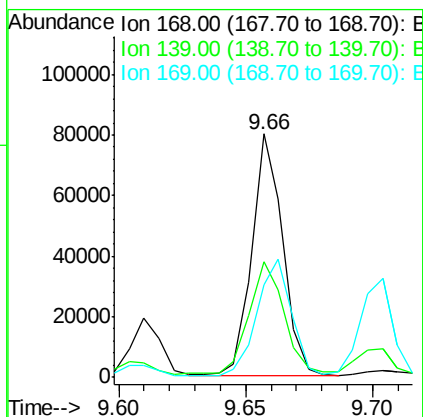
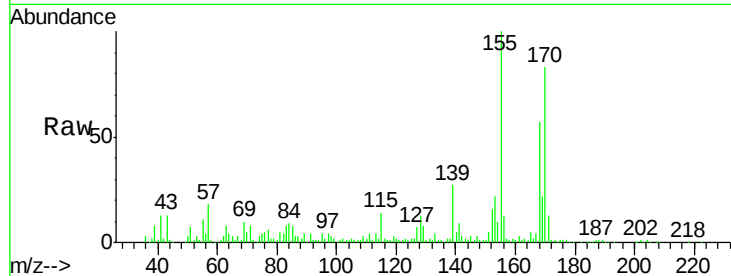




#54
Dibenzofuran
Concen: 7.23 ng
RT: 9.66 min Scan# 1338
Delta R.T. -0.08 min
Lab File: BF097405.D
Acq: 5 Aug 2017 18:55

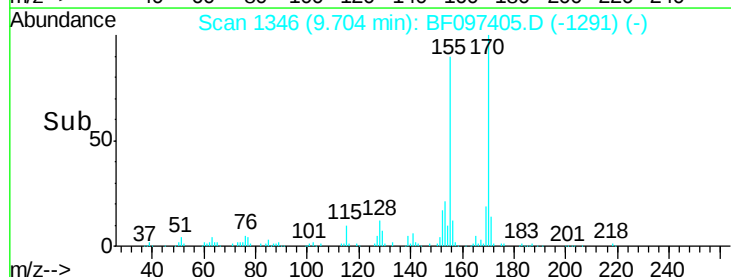
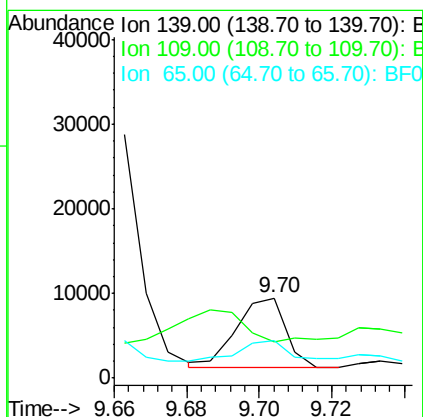
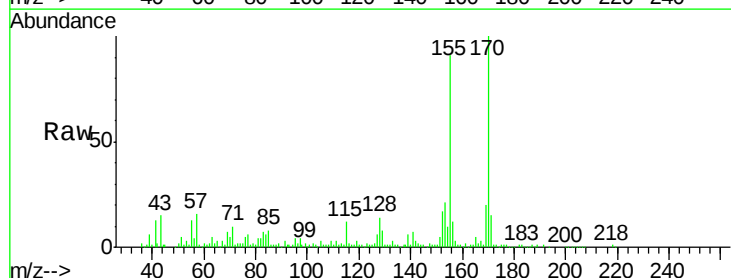
Instrument :
BNA_F
ClientSampled :

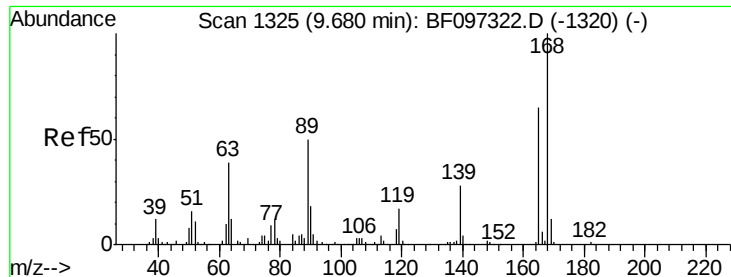
Tot Ion:168 Resp: 67950
Ion Ratio Lower Upper
168 100
139 47.6 30.6 45.8#
169 38.2 10.8 16.2#



#55
4-Nitrophenol
Concen: 5.26 ng
RT: 9.70 min Scan# 1346
Delta R.T. 0.02 min
Lab File: BF097405.D
Acq: 5 Aug 2017 18:55

Tgt Ion:139 Resp: 7760
Ion Ratio Lower Upper
139 100
109 45.7 34.1 74.1
65 46.3 31.4 71.4

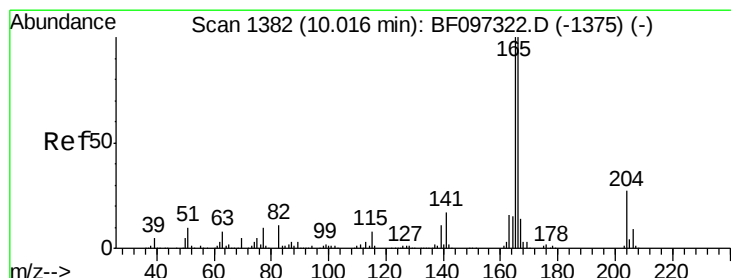
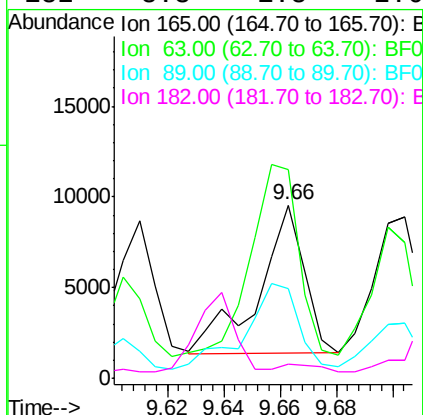
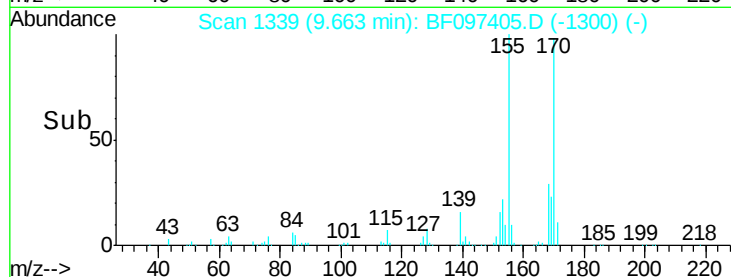
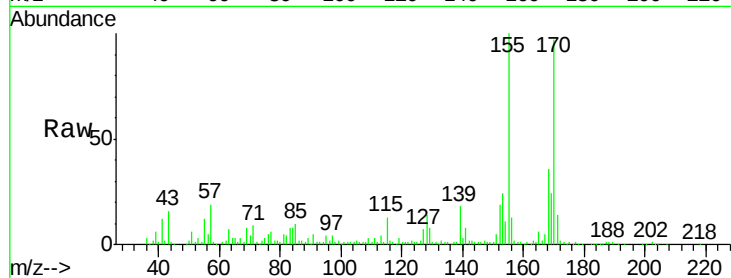




#56
 2,4-Dinitrotoluene
 Concen: 3.97 ng
 RT: 9.66 min Scan# 1339
 Delta R.T. -0.07 min
 Lab File: BF097405.D
 Acq: 5 Aug 2017 18:55

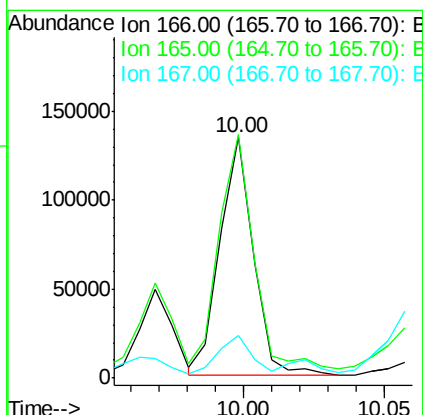
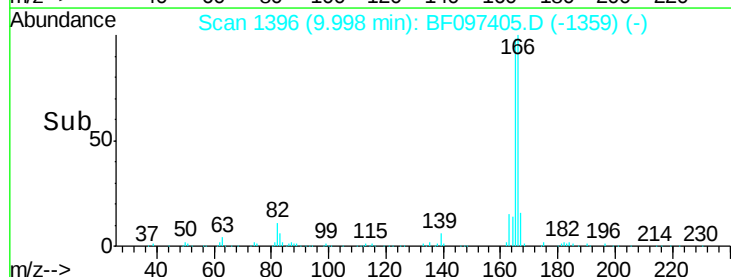
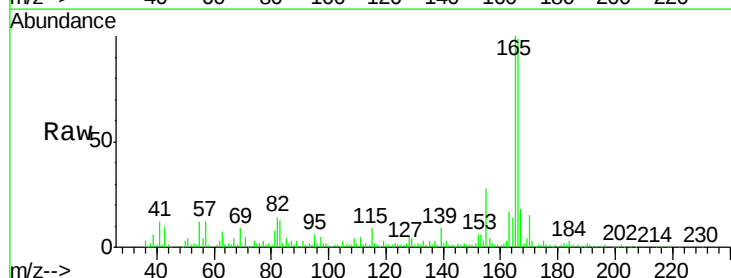
Instrument :
 BNA_F
 ClientSampleId :

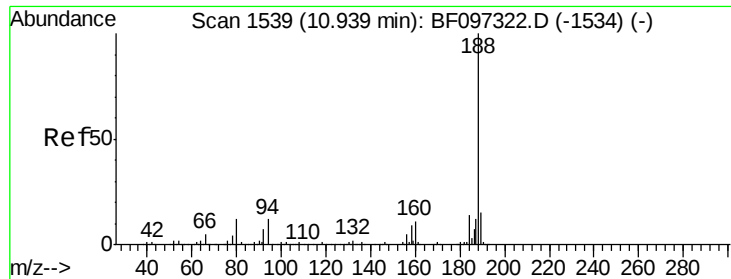
Tot Ion:	165	Resp:	9120
Ion	Ratio	Lower	Upper
165	100		
63	120.7	25.4	38.0#
89	51.5	46.4	69.6
182	8.3	1.8	2.6#



#57
 Fluorene
 Concen: 15.55 ng
 RT: 10.00 min Scan# 1396
 Delta R.T. -0.08 min
 Lab File: BF097405.D
 Acq: 5 Aug 2017 18:55

Tgt Ion:	166	Resp:	109820
Ion	Ratio	Lower	Upper
166	100		
165	101.0	78.8	118.2
167	17.8	10.6	16.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.93 min Scan# 1554

Delta R.T. -0.08 min

Lab File: BF097405.D

Acq: 5 Aug 2017 18:55

Instrument :

BNA_F

ClientSampled :

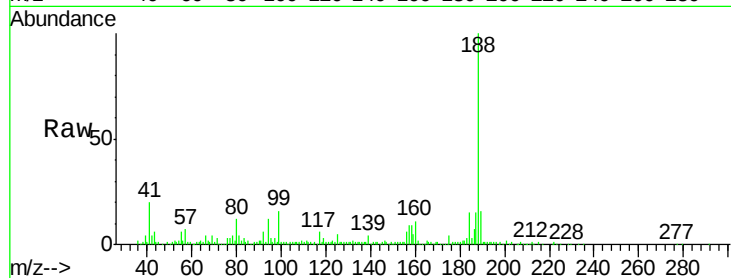
Tot Ion:188 Resp: 184724

Ion Ratio Lower Upper

188 100

94 11.9 9.4 14.2

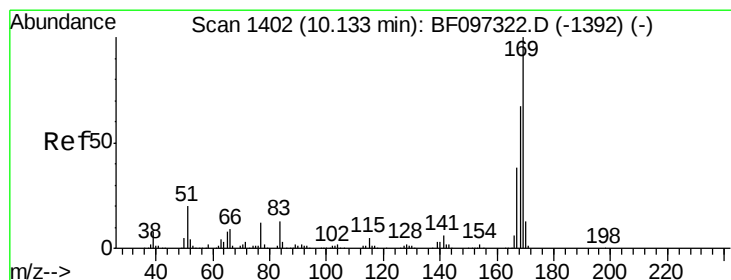
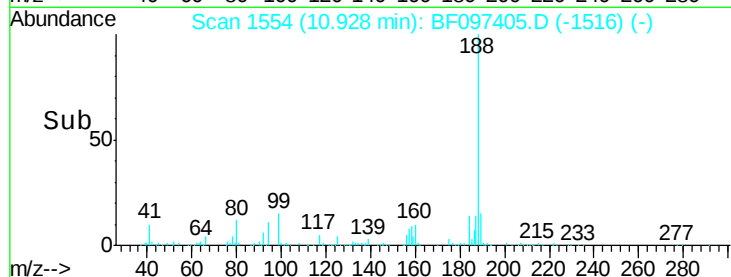
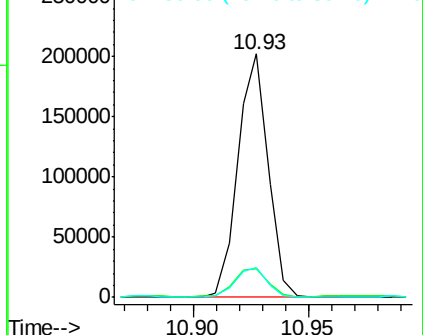
80 12.1 10.2 15.2



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: 4.75 ng

RT: 10.05 min Scan# 1404

Delta R.T. -0.15 min

Lab File: BF097405.D

Acq: 5 Aug 2017 18:55

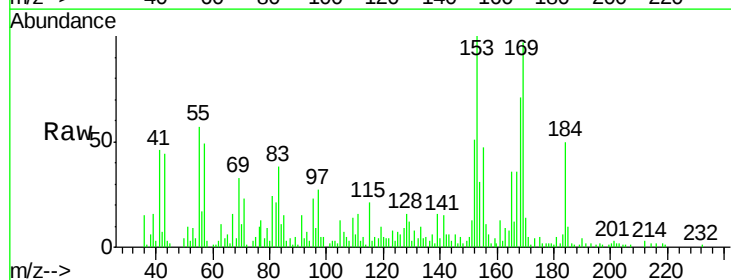
Tgt Ion:169 Resp: 30518

Ion Ratio Lower Upper

169 100

168 72.8 53.2 79.8

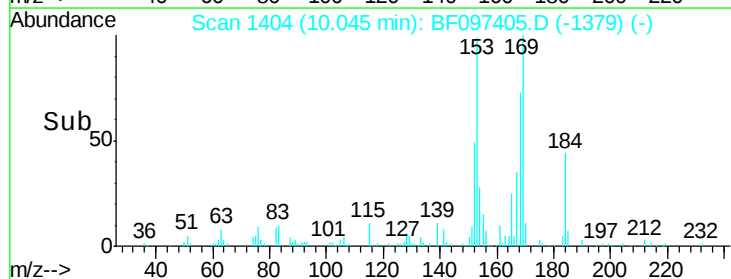
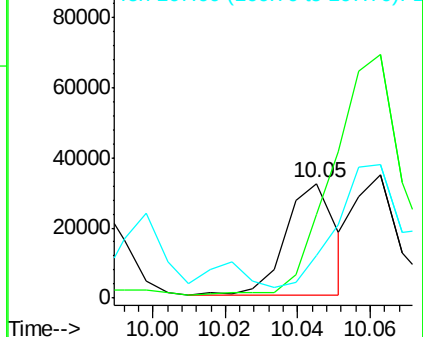
167 37.2 29.5 44.3

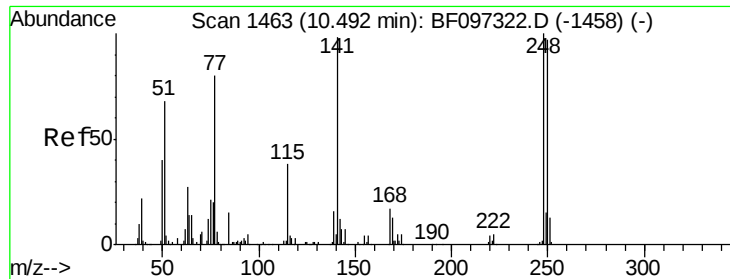


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

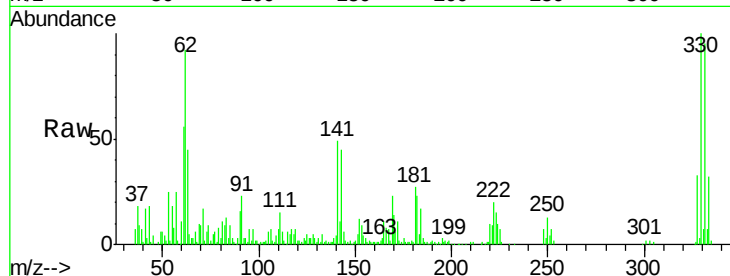




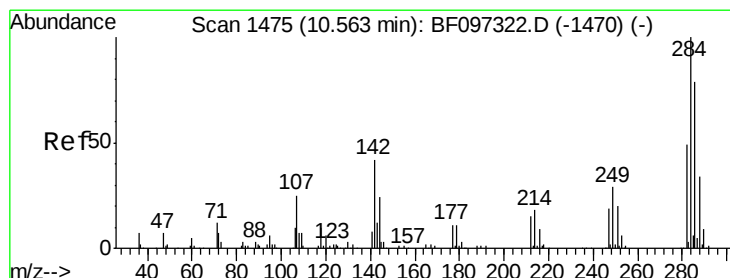
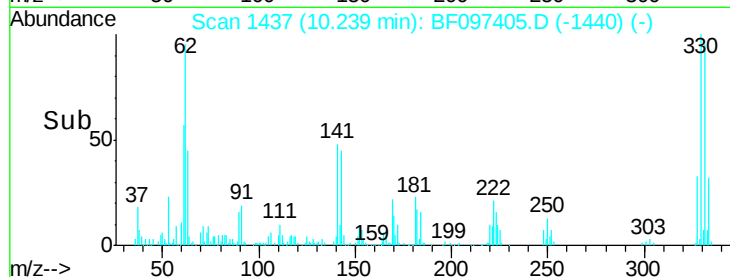
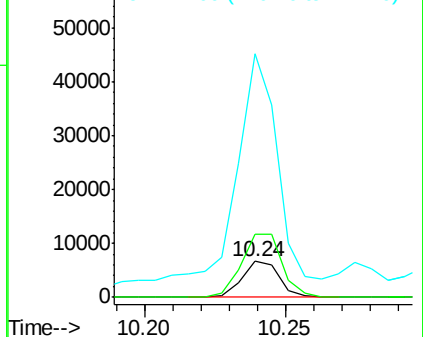
#66
4-Bromophenyl-phenylether
Concen: 3.38 ng
RT: 10.24 min Scan# 1437
Delta R.T. -0.32 min
Lab File: BF097405.D
Acq: 5 Aug 2017 18:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6223
Ion Ratio Lower Upper
248 100
250 176.2 76.8 115.2#
141 674.9 68.6 103.0#

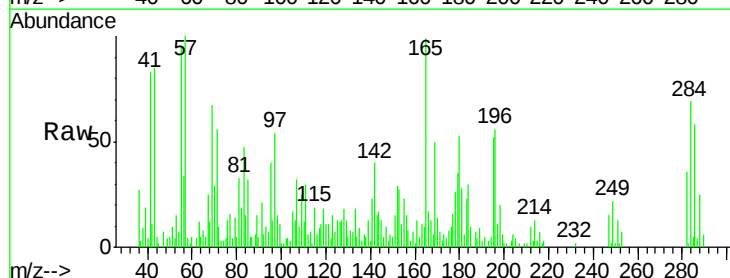


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

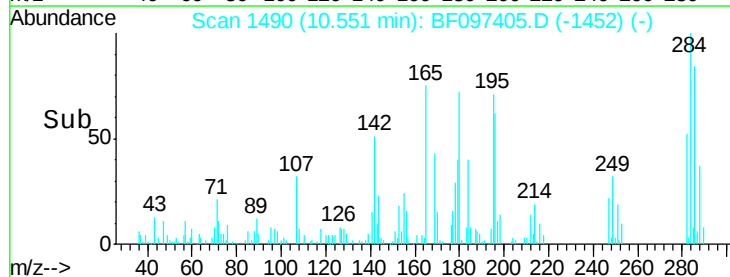
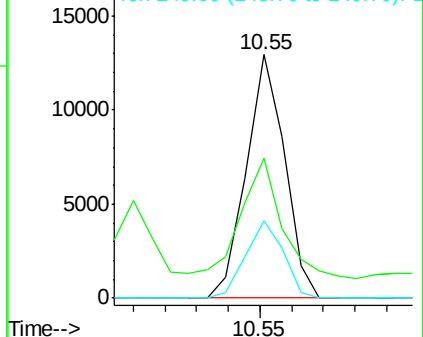


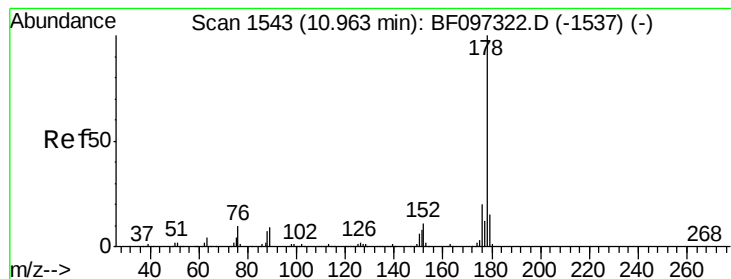
#67
Hexachlorobenzene
Concen: 5.24 ng
RT: 10.55 min Scan# 1490
Delta R.T. -0.08 min
Lab File: BF097405.D
Acq: 5 Aug 2017 18:55

Tgt Ion:284 Resp: 10840
Ion Ratio Lower Upper
284 100
142 57.5 22.8 34.2#
249 31.9 24.0 36.0



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





#70

Phenanthrene

Concen: 59.89 ng

RT: 10.95 min Scan# 1558

Delta R.T. -0.08 min

Lab File: BF097405.D

Acq: 5 Aug 2017 18:55

Instrument :

BNA_F

ClientSampleId :

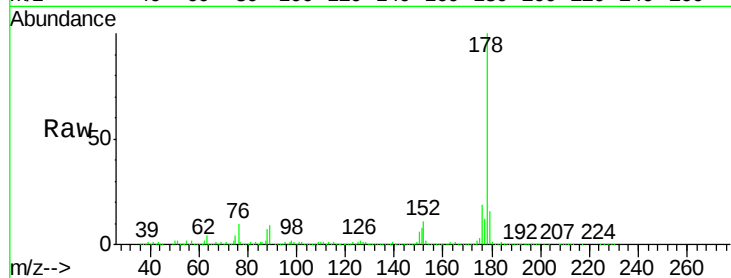
Tot Ion:178 Resp: 592810

Ion Ratio Lower Upper

178 100

176 19.4 16.2 24.4

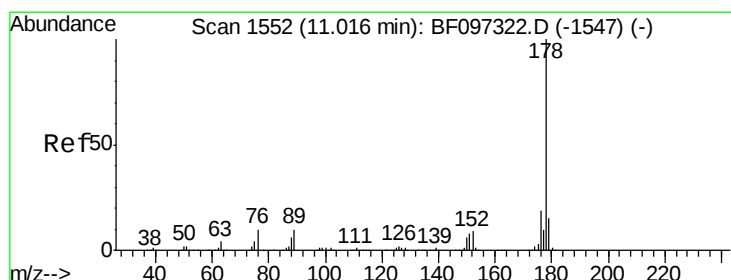
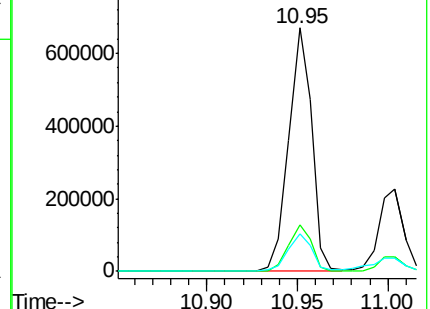
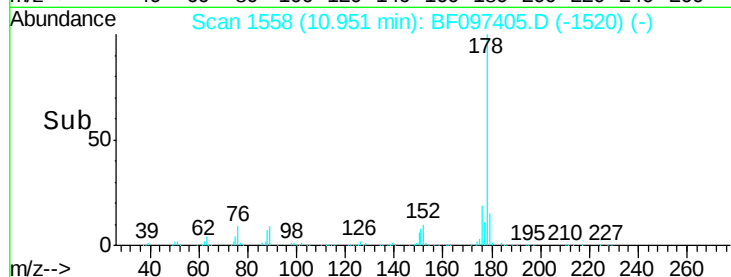
179 15.6 12.6 19.0



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: 20.17 ng

RT: 11.00 min Scan# 1567

Delta R.T. -0.08 min

Lab File: BF097405.D

Acq: 5 Aug 2017 18:55

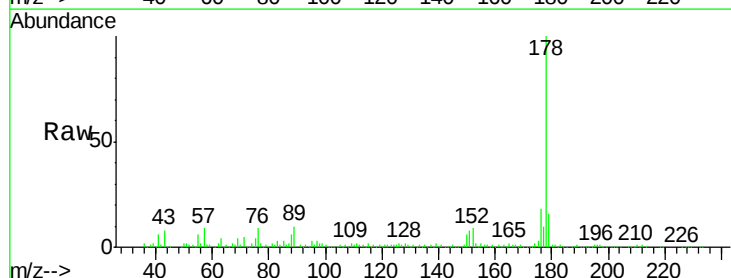
Tgt Ion:178 Resp: 204470

Ion Ratio Lower Upper

178 100

176 18.2 15.8 23.8

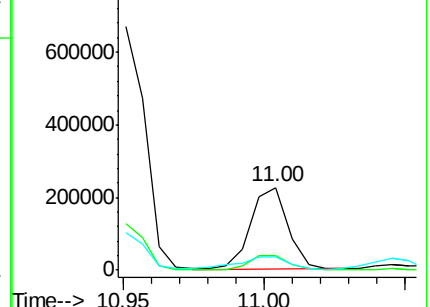
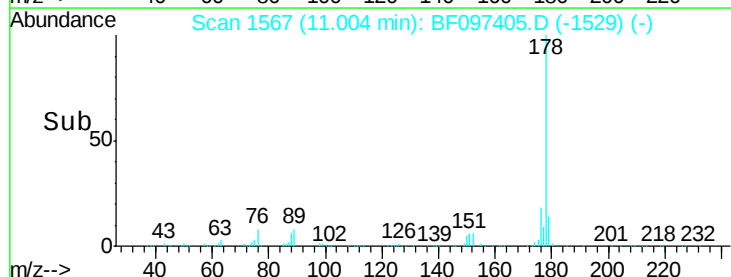
179 15.6 12.7 19.1

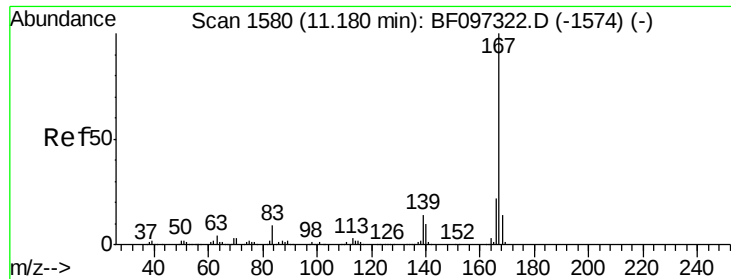


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 6.59 ng

RT: 11.17 min Scan# 1595

Delta R.T. -0.07 min

Lab File: BF097405.D

Acq: 5 Aug 2017 18:55

Instrument :

BNA_F

ClientSampled :

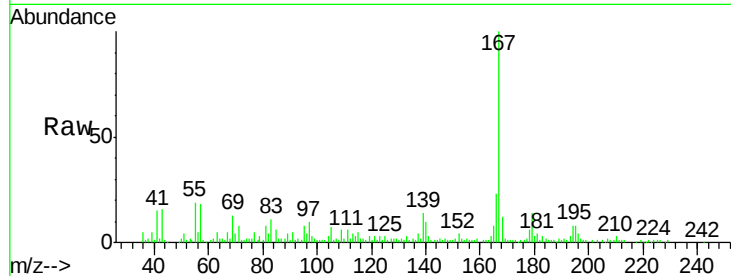
Tot Ion:167 Resp: 65714

Ion Ratio Lower Upper

167 100

166 23.2 18.1 27.1

139 13.9 11.7 17.5

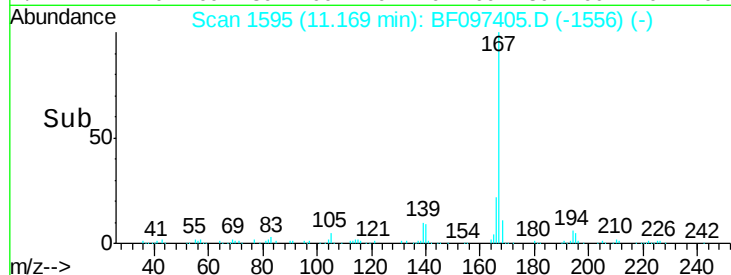


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

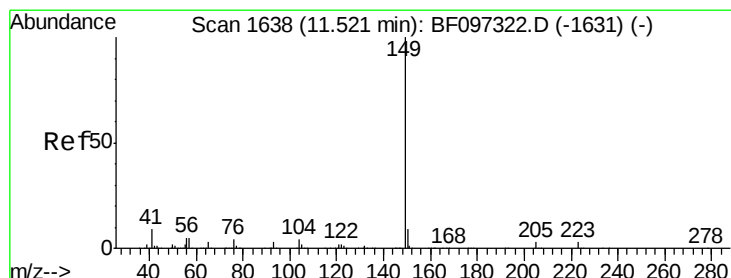
Ion 139.00 (138.70 to 139.70): E

Time-->



Abundance

Time-->



#73

Di-n-butylphthalate

Concen: 4.03 ng

RT: 11.50 min Scan# 1652

Delta R.T. -0.08 min

Lab File: BF097405.D

Acq: 5 Aug 2017 18:55

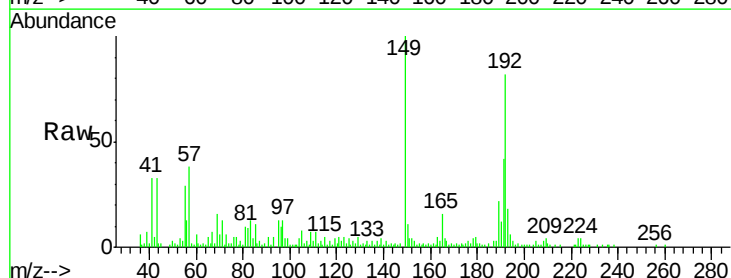
Tgt Ion:149 Resp: 49648

Ion Ratio Lower Upper

149 100

150 10.6 7.7 11.5

104 4.4 4.0 6.0

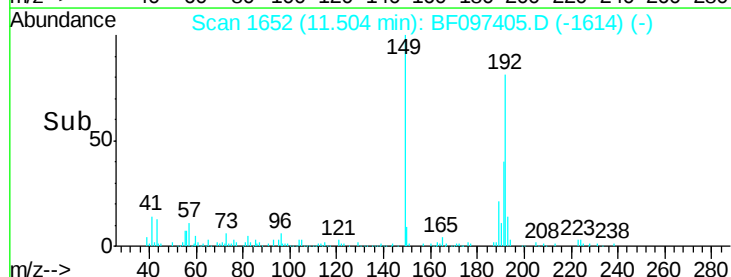


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

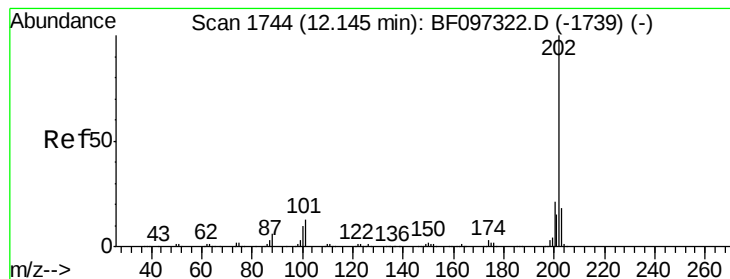
Ion 104.00 (103.70 to 104.70): E

Time-->



Abundance

Time-->



#74

Fluoranthene

Concen: 73.28 ng

RT: 12.13 min Scan# 1759

Delta R.T. -0.08 min

Lab File: BF097405.D

Acq: 5 Aug 2017 18:55

Instrument :

BNA_F

ClientSampleId :

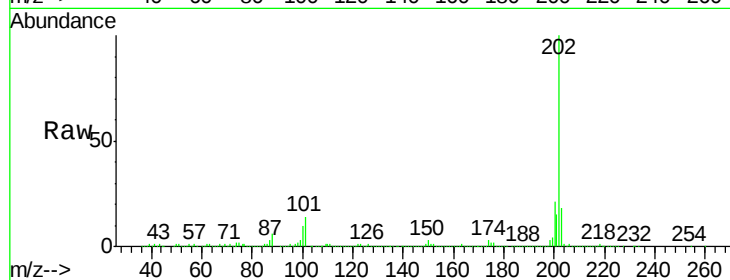
Tot Ion:202 Resp: 710556

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.2

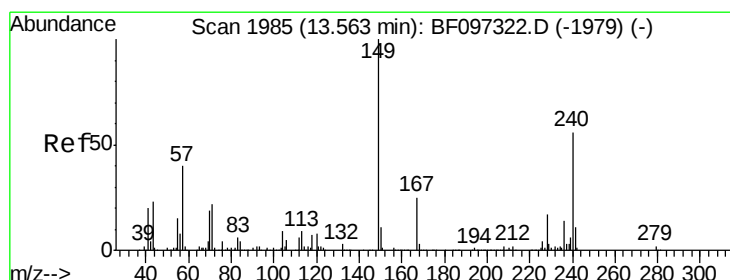
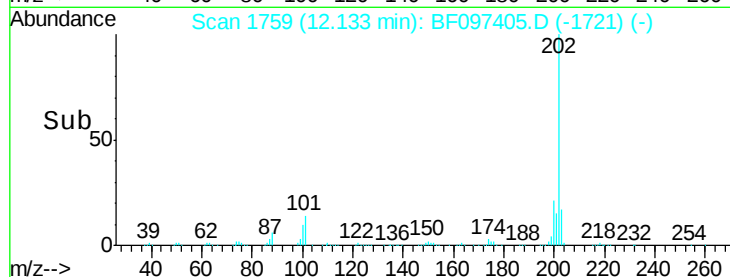
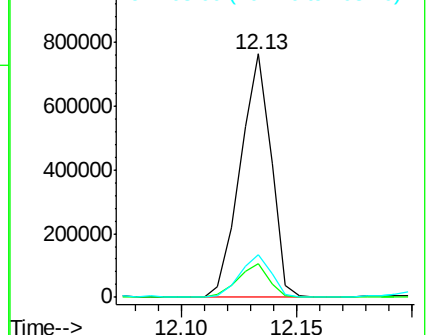
203 17.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.55 min Scan# 2000

Delta R.T. -0.08 min

Lab File: BF097405.D

Acq: 5 Aug 2017 18:55

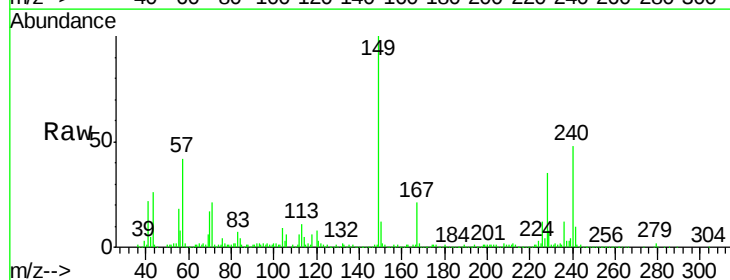
Tgt Ion:240 Resp: 148845

Ion Ratio Lower Upper

240 100

120 16.1 5.8 8.8#

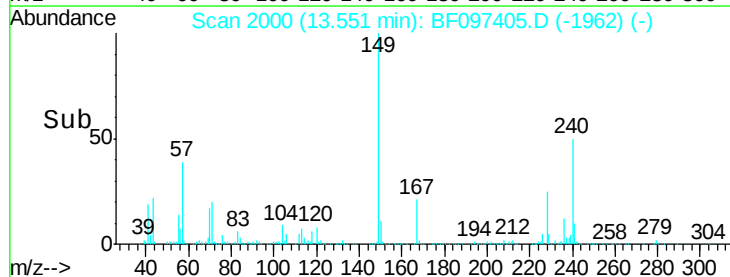
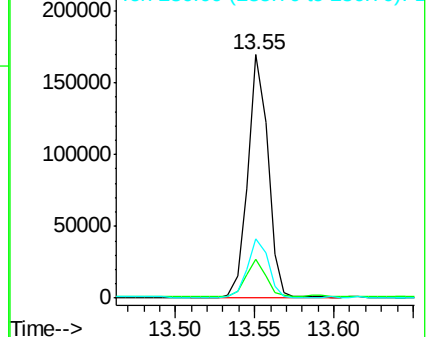
236 24.4 20.5 30.7

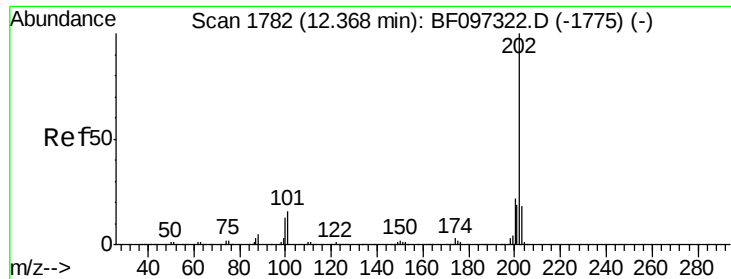


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 58.78 ng

RT: 12.36 min Scan# 1797

Delta R.T. -0.08 min

Lab File: BF097405.D

Acq: 5 Aug 2017 18:55

Instrument :

BNA_F

ClientSampleId :

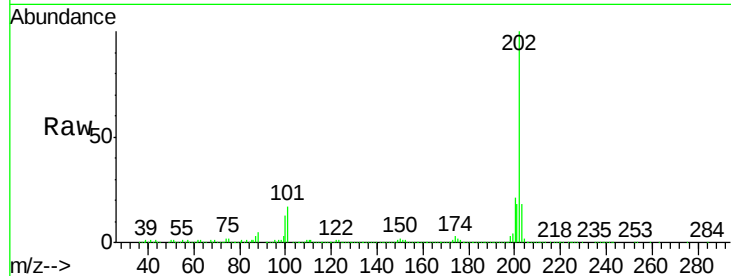
Tot Ion:202 Resp: 716293

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

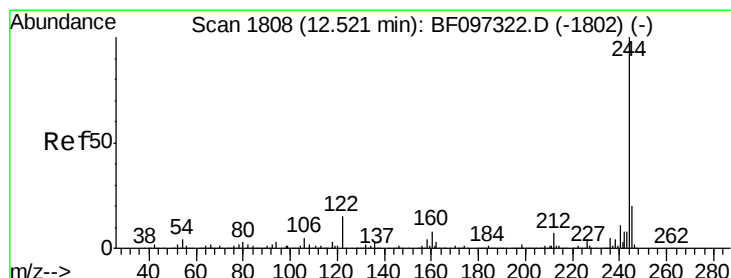
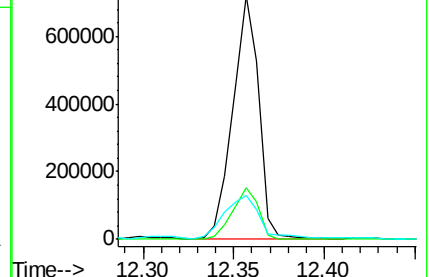
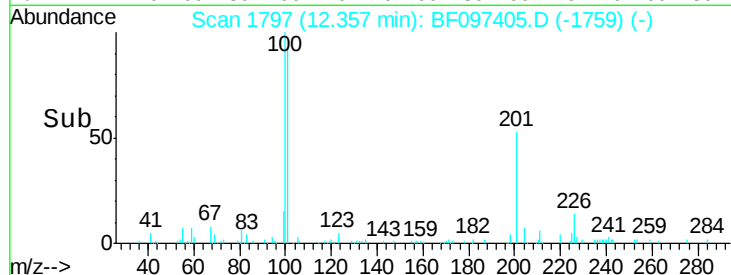
203 18.1 14.4 21.6



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: 52.78 ng

RT: 12.50 min Scan# 1822

Delta R.T. -0.08 min

Lab File: BF097405.D

Acq: 5 Aug 2017 18:55

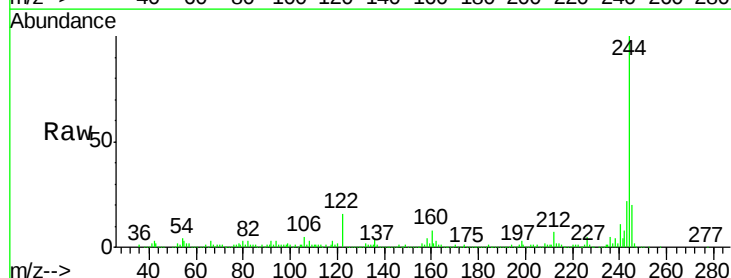
Tgt Ion:244 Resp: 385288

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

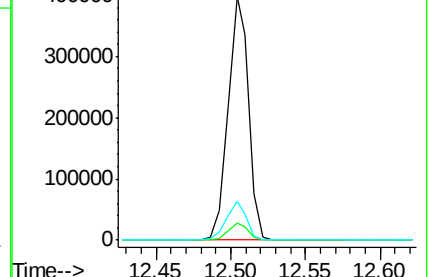
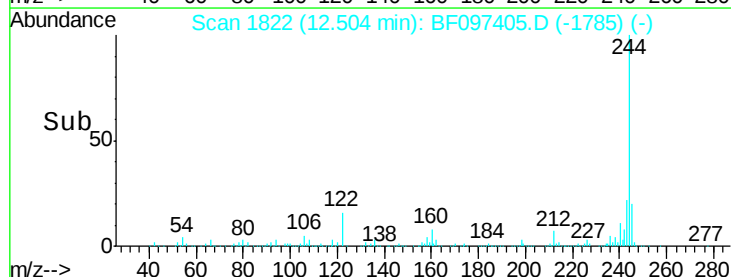
122 15.8 10.3 15.5#

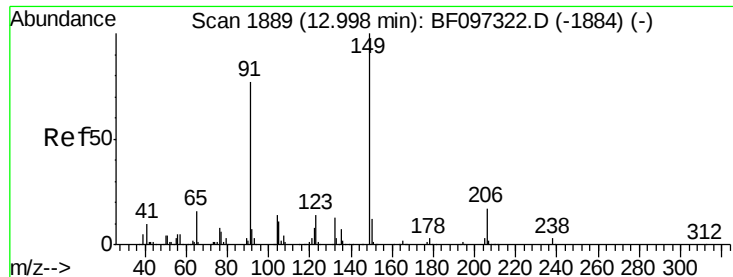


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

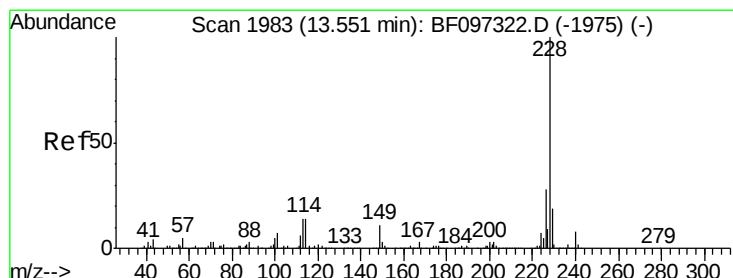
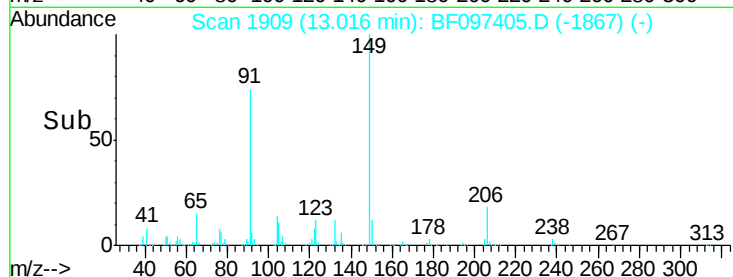
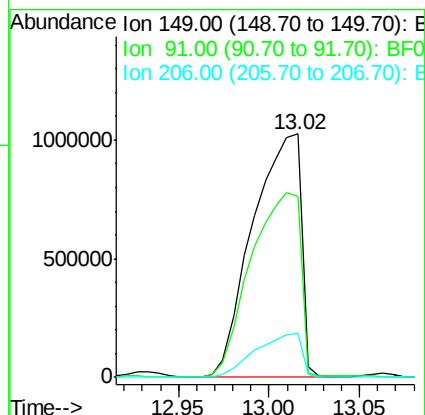
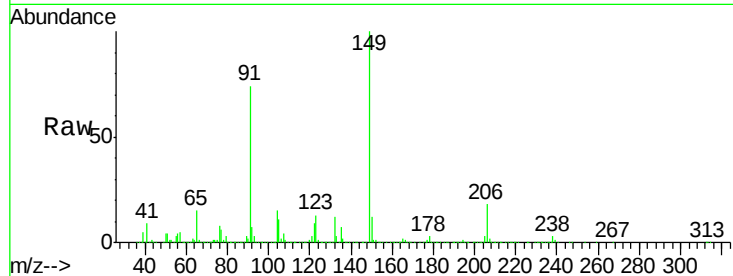




#79
Butylbenzylphthalate
Concen: 305.43 ng
RT: 13.02 min Scan# 1909
Delta R.T. -0.05 min
Lab File: BF097405.D
Acq: 5 Aug 2017 18:55

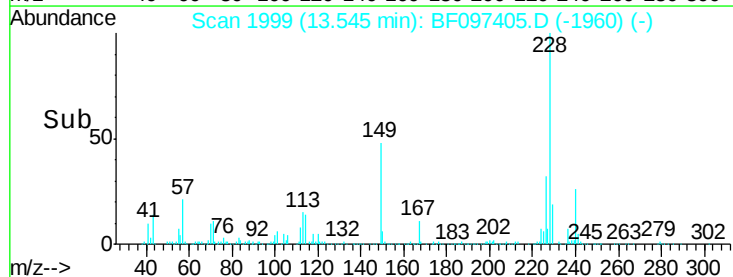
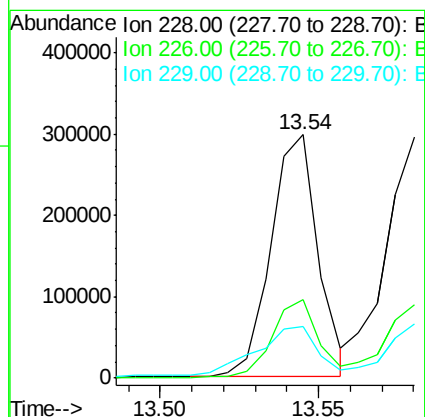
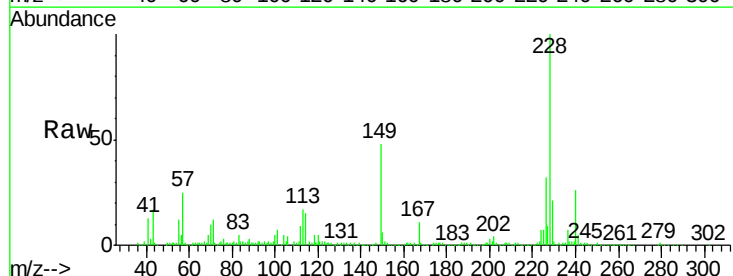
Instrument :
BNA_F
ClientSampleId :

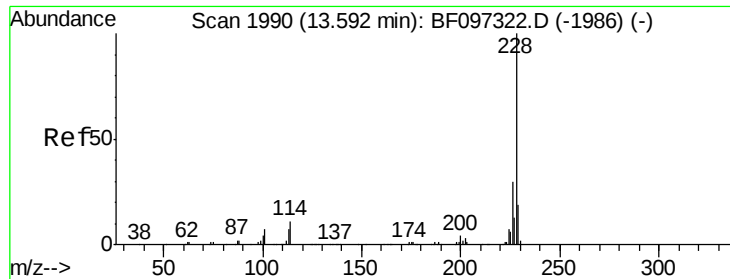
Tot Ion:149 Resp: 1893188
Ion Ratio Lower Upper
149 100
91 74.1 45.0 67.4#
206 18.1 17.0 25.6



#80
Benzo(a)anthracene
Concen: 32.01 ng
RT: 13.54 min Scan# 1999
Delta R.T. -0.07 min
Lab File: BF097405.D
Acq: 5 Aug 2017 18:55

Tgt Ion:228 Resp: 308295
Ion Ratio Lower Upper
228 100
226 32.3 22.6 33.8
229 20.9 16.3 24.5





#82

Chrysene

Concen: 30.07 ng

RT: 13.58 min Scan# 2005

Delta R.T. -0.08 min

Lab File: BF097405.D

Acq: 5 Aug 2017 18:55

Instrument :

BNA_F

ClientSampleId :

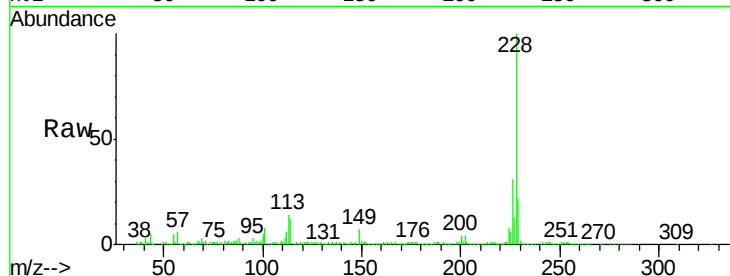
Tot Ion:228 Resp: 282771

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

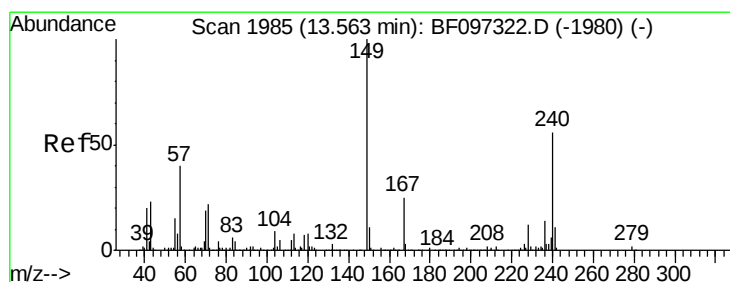
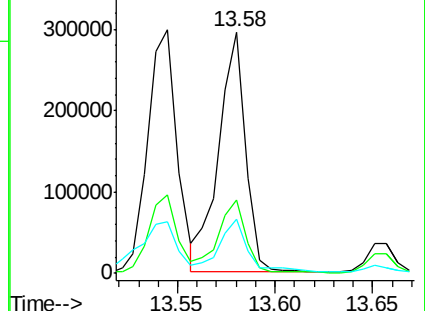
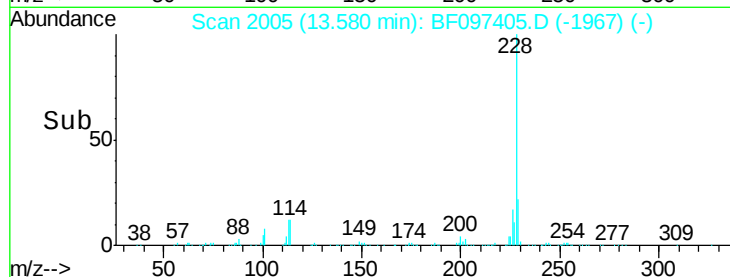
229 22.5 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 114.49 ng

RT: 13.56 min Scan# 2002

Delta R.T. -0.07 min

Lab File: BF097405.D

Acq: 5 Aug 2017 18:55

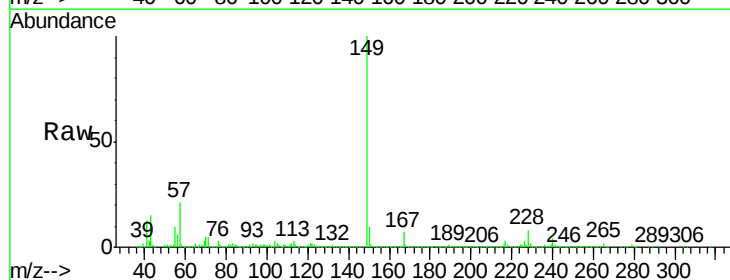
Tgt Ion:149 Resp: 926562

Ion Ratio Lower Upper

149 100

167 6.7 21.0 31.4#

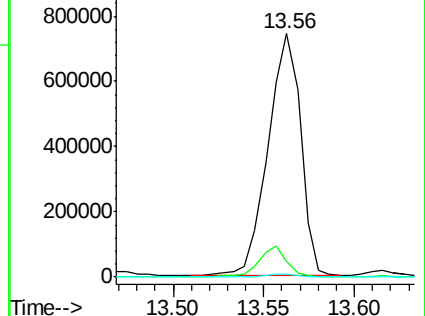
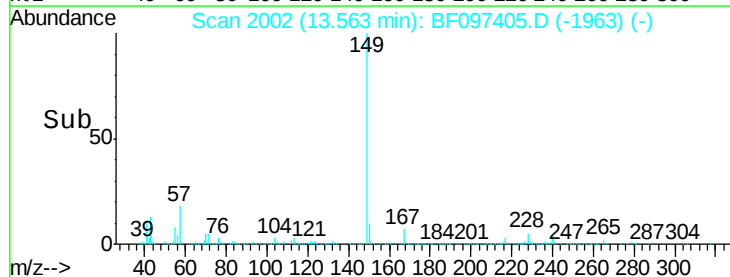
279 1.0 1.9 2.9#

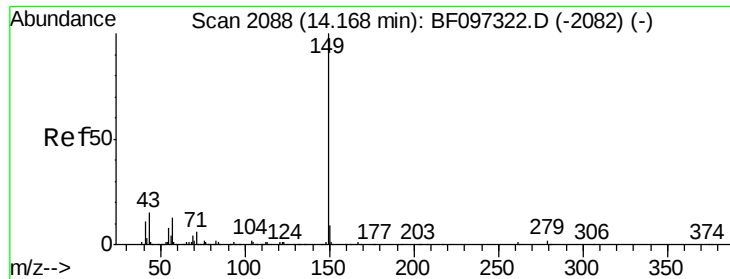


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

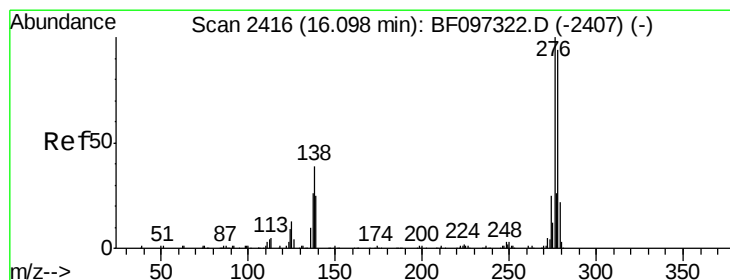
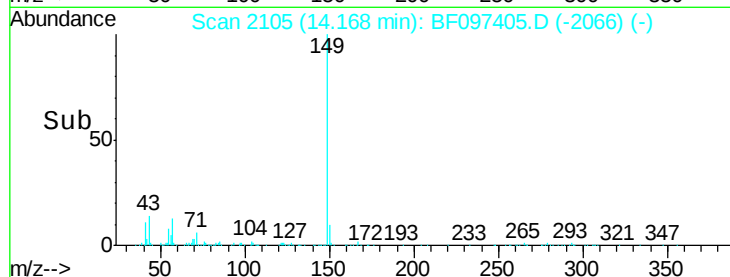
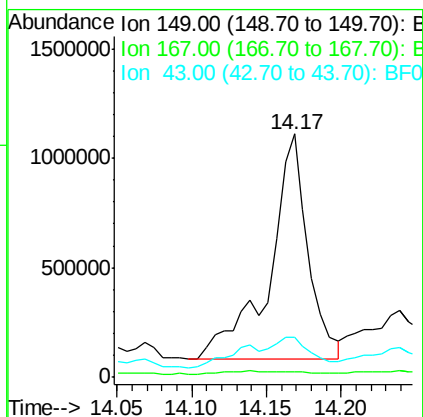
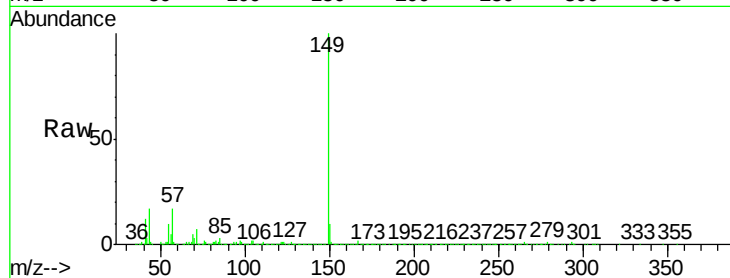




#84
Di-n-octyl phthalate
Concen: 126.32 ng
RT: 14.17 min Scan# 2105
Delta R.T. -0.07 min
Lab File: BF097405.D
Acq: 5 Aug 2017 18:55

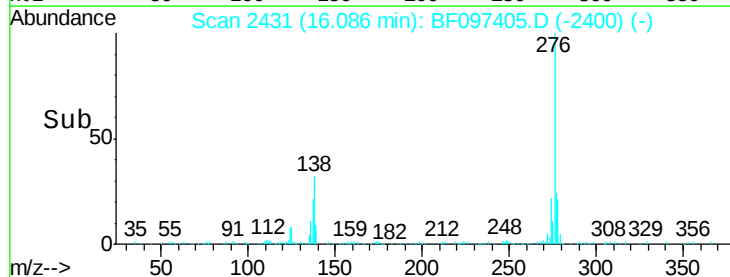
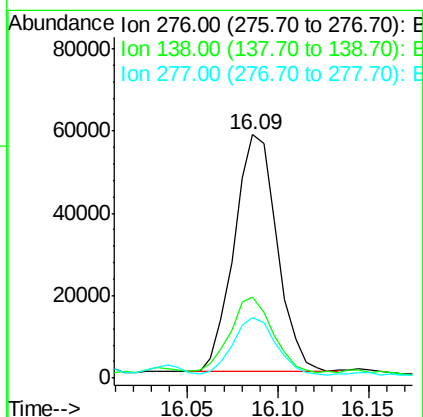
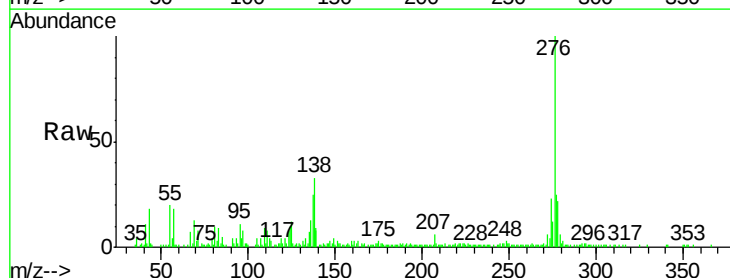
Instrument :
BNA_F
ClientSampleId :

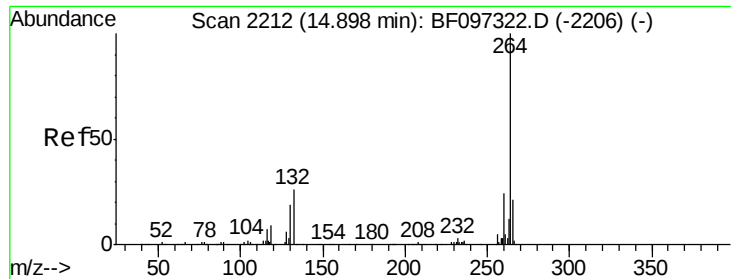
Tot Ion:149 Resp: 1876108
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 11.7 8.5 12.7



#85
Indeno(1,2,3-cd)pyrene
Concen: 11.72 ng
RT: 16.09 min Scan# 2431
Delta R.T. -0.12 min
Lab File: BF097405.D
Acq: 5 Aug 2017 18:55

Tgt Ion:276 Resp: 94532
Ion Ratio Lower Upper
276 100
138 32.3 27.8 41.6
277 25.0 20.2 30.4

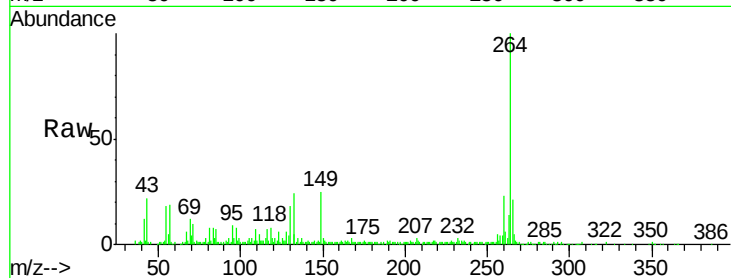




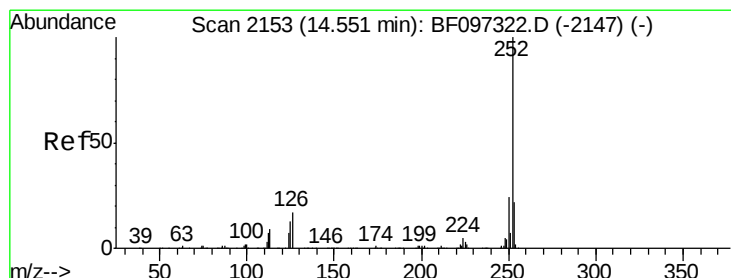
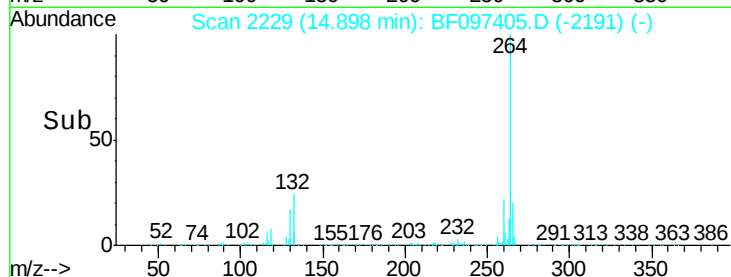
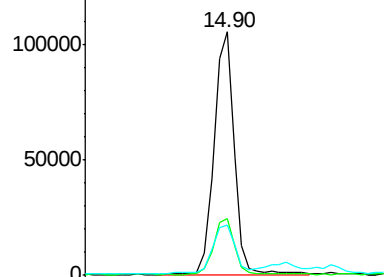
#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.90 min Scan# 2229
Delta R.T. -0.08 min
Lab File: BF097405.D
Acq: 5 Aug 2017 18:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 115391
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 20.6 17.2 25.8

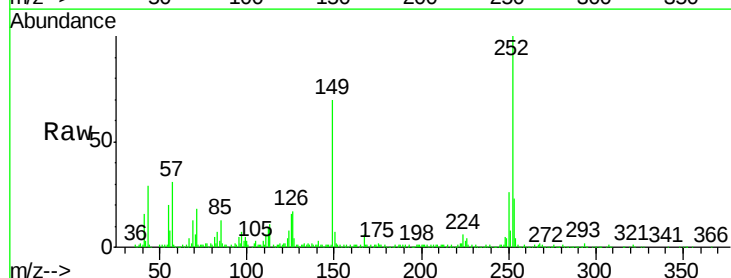


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

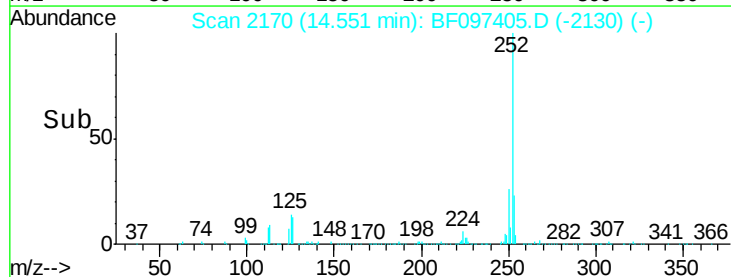
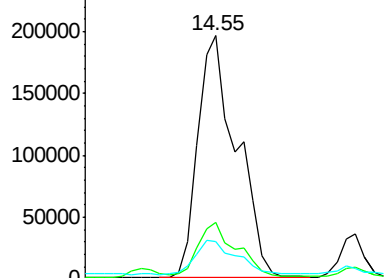


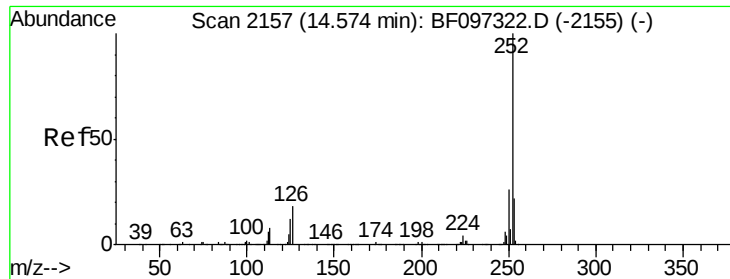
#87
Benzo(b)fluoranthene
Concen: 48.15 ng
RT: 14.55 min Scan# 2170
Delta R.T. -0.06 min
Lab File: BF097405.D
Acq: 5 Aug 2017 18:55

Tgt Ion:252 Resp: 333990
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 15.6 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

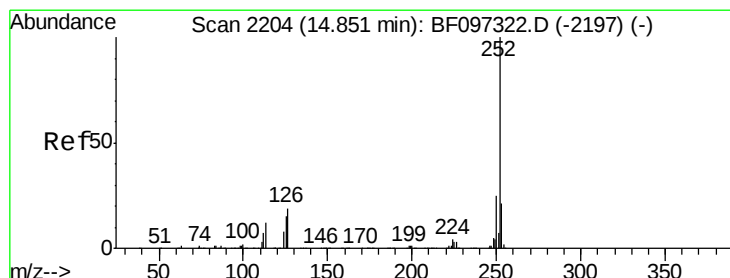
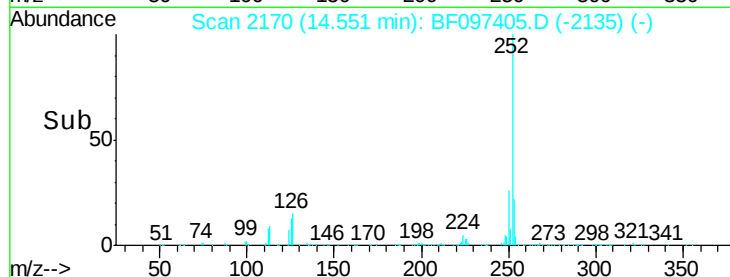
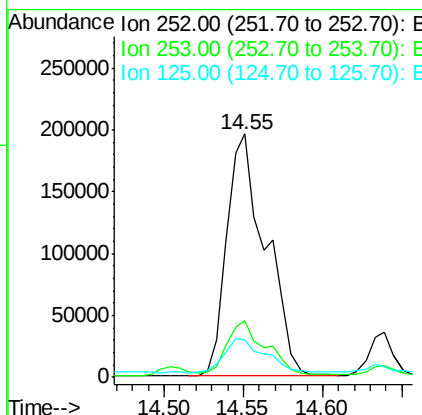
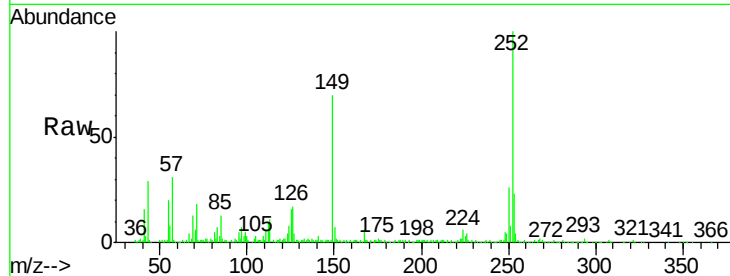




#88
Benzo(k)fluoranthene
Concen: 50.53 ng
RT: 14.55 min Scan# 2170
Delta R.T. -0.09 min
Lab File: BF097405.D
Acq: 5 Aug 2017 18:55

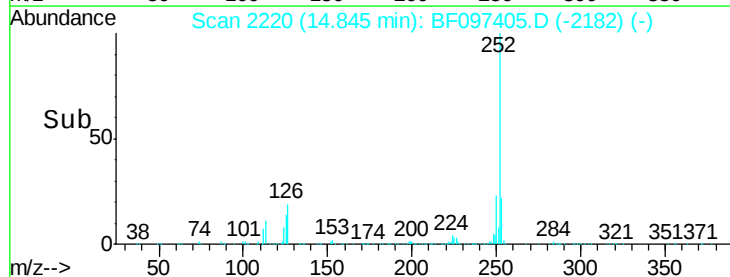
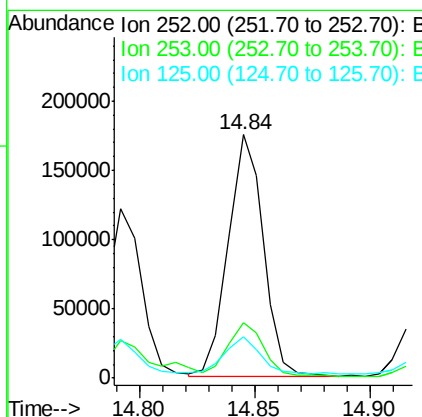
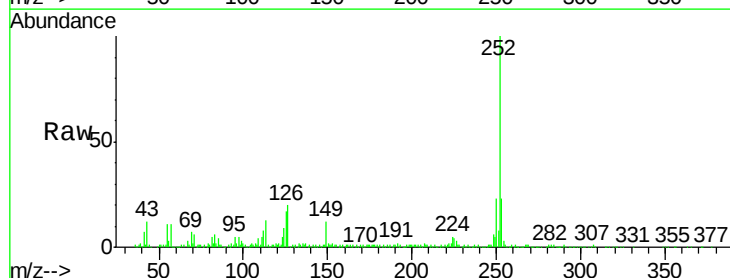
Instrument :
BNA_F
ClientSampleId :

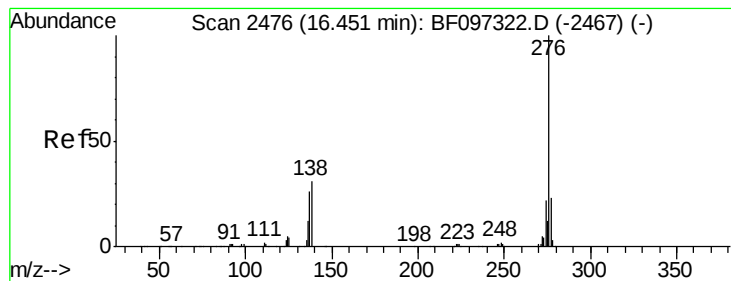
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	15.6	13.1	19.7



#89
Benzo(a)pyrene
Concen: 28.99 ng
RT: 14.84 min Scan# 2220
Delta R.T. -0.08 min
Lab File: BF097405.D
Acq: 5 Aug 2017 18:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	17.0	11.0	16.4#





#91

Benzo(a,h,i)perylene

Concen: 17.16 ng

RT: 16.44 min Scan# 2492

Delta R.T. -0.12 min

Lab File: BF097405.D

Acq: 5 Aug 2017 18:55

Instrument :

BNA_F

ClientSampleId :

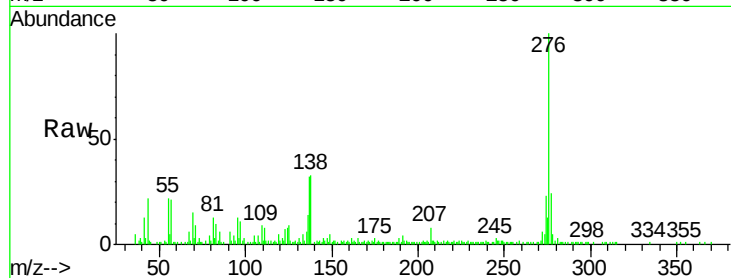
Tot Ion:276 Resp: 93703

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 32.9 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

