

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082117\
 Data File : BF097945.D
 Acq On : 22 Aug 2017 10:22
 Operator : SJ/JU
 Sample : I4872-20
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-31-COMP

Quant Time: Aug 22 12:08:20 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	105731	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	382804	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	142862	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	250119	20.00	ng	0.00
75) Chrysene-d12	13.90	240	190891	20.00	ng	0.00
86) Perylene-d12	15.32	264	134099	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	670673	96.48	ng	0.00
7) Phenol-d6	6.38	99	886327	93.85	ng	0.00
23) Nitrobenzene-d5	7.31	82	522914	74.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	107775	86.95	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	693333	71.30	ng	0.00
78) Terphenyl-d14	12.85	244	502306	54.87	ng	0.00

Target Compounds

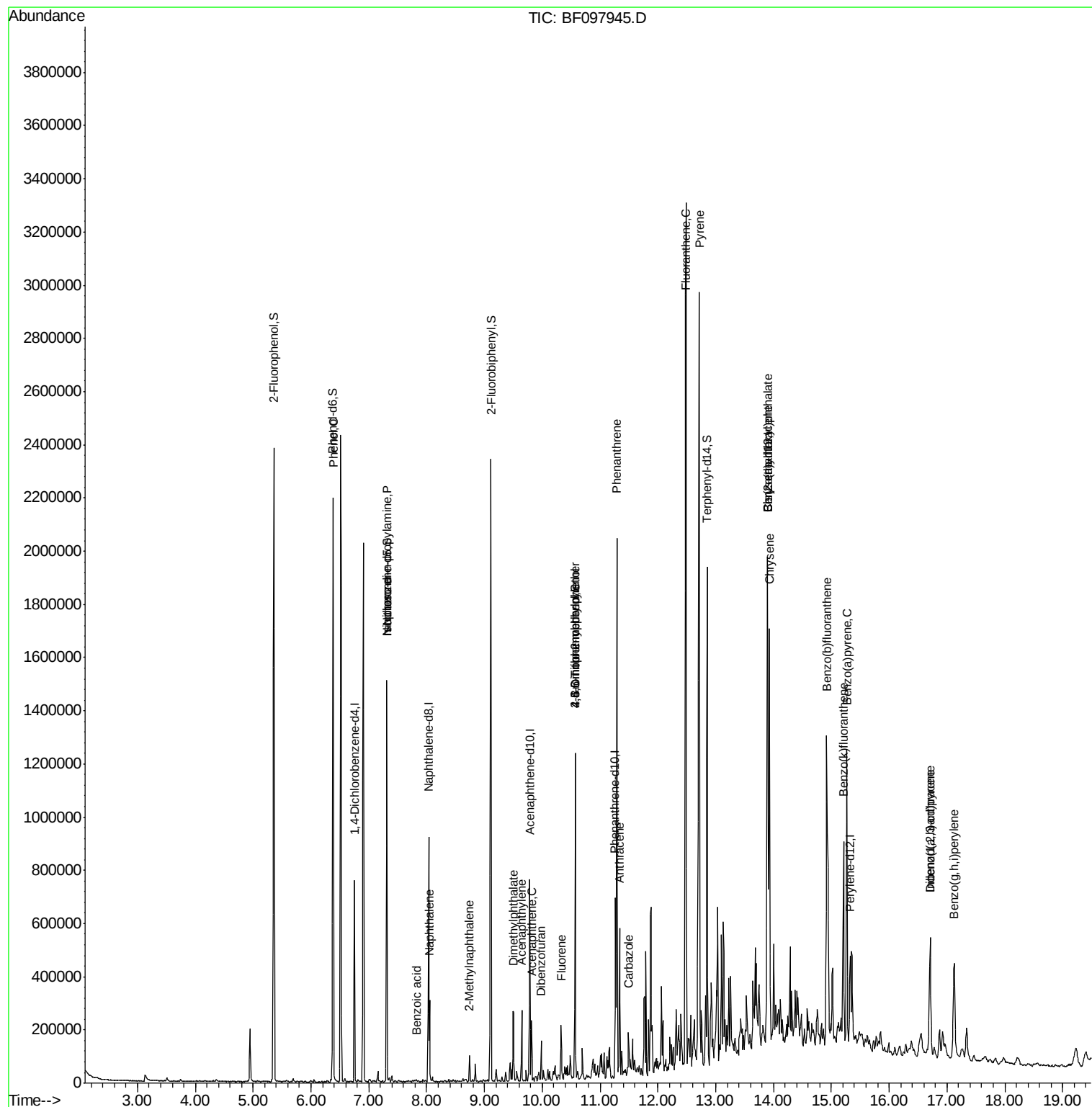
						Qvalue
10) Phenol	6.39	94	31306	2.834	ng	98
19) n-Nitroso-di-n-propylamine	7.31	70	71053	10.990	ng	# 71
25) Isophorone	7.31	82	513523	35.047	ng	# 67
31) Naphthalene	8.05	128	108514	5.460	ng	99
32) Benzoic acid	7.82	122	1102	6.619	ng	# 28
37) 2-Methylnaphthalene	8.75	142	25908	2.126	ng	95
48) Acenaphthylene	9.65	152	107024	7.080	ng	99
49) Dimethylphthalate	9.50	163	92125	8.822	ng	# 97
51) Acenaphthene	9.82	154	43200	4.531	ng	99
54) Dibenzofuran	9.99	168	35575	2.784	ng	# 97
57) Fluorene	10.33	166	45824	4.639	ng	94
64) 4,6-Dinitro-2-methylphenol	10.57	198	167	8.438	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	7910	3.045	ng	# 1
70) Phenanthrene	11.29	178	671311	50.368	ng	99
71) Anthracene	11.34	178	176595	13.063	ng	99
72) Carbazole	11.49	167	52607	4.100	ng	99
74) Fluoranthene	12.49	202	1418542	101.969	ng	99
77) Pyrene	12.72	202	1465437	93.862	ng	99
80) Benzo(a)anthracene	13.89	228	684731	59.850	ng	95
82) Chrysene	13.93	228	595526	52.326	ng	97
83) Bis(2-ethylhexyl)phthalate	13.89	149	16617	2.505	ng	94
85) Indeno(1,2,3-cd)pyrene	16.71	276	291595	34.829	ng	# 89
87) Benzo(b)fluoranthene	14.92	252	895656	105.961	ng	99
88) Benzo(k)fluoranthene	15.21	252	340511	42.878	ng	97
89) Benzo(a)pyrene	15.27	252	508019	67.890	ng	96
90) Dibenzo(a,h)anthracene	16.72	278	66908	10.983	ng	93
91) Benzo(g,h,i)perylene	17.13	276	287765	45.271	ng	93

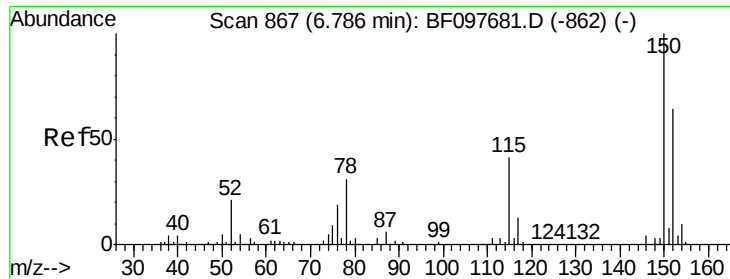
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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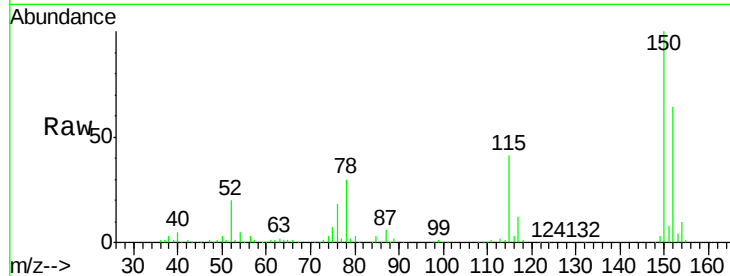


#1

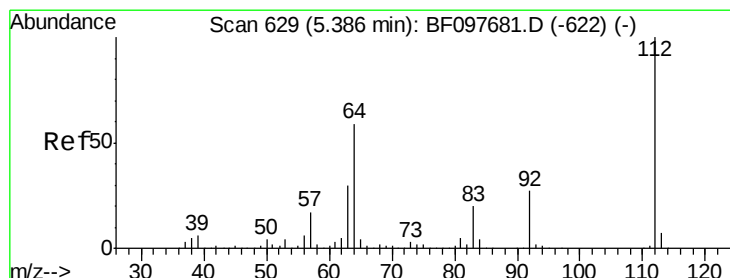
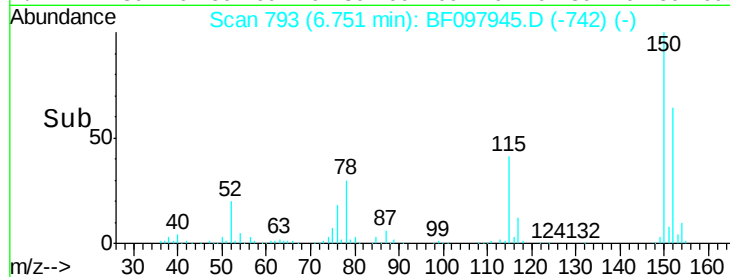
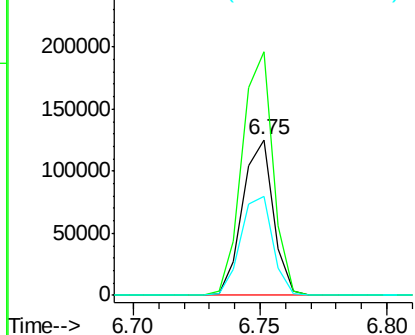
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097945.D
Acq: 22 Aug 2017 10:22

Instrument :
BNA_F
ClientSampleId :
SB-31-COMP

Tgt Ion:152 Resp: 105731
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 63.8 52.2 78.2



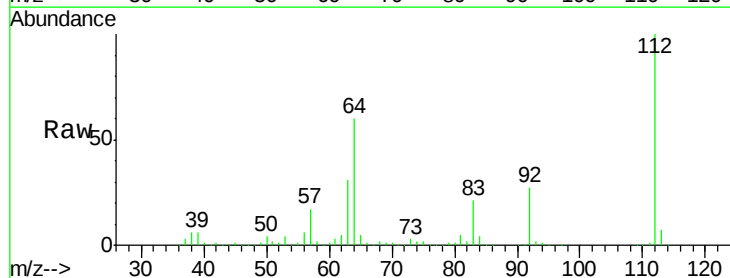
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



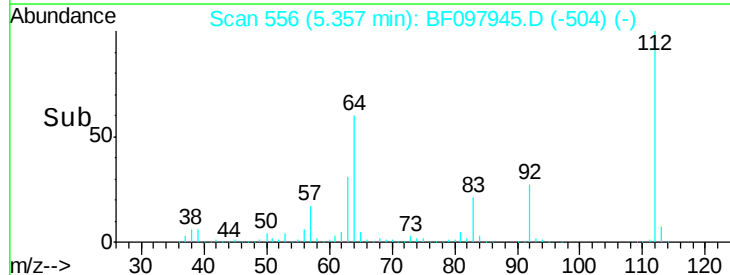
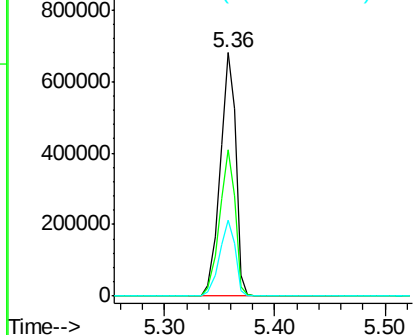
#5

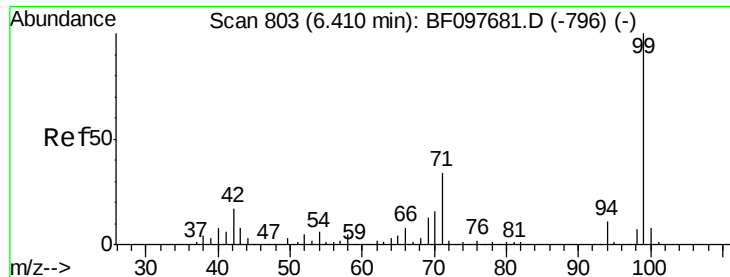
2-Fluorophenol
Concen: 96.485 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF097945.D
Acq: 22 Aug 2017 10:22

Tgt Ion:112 Resp: 670673
Ion Ratio Lower Upper
112 100
64 60.1 46.0 69.0
63 31.4 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: 93.846 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097945.D

Acq: 22 Aug 2017 10:22

Instrument :

BNA_F

ClientSampleId :

SB-31-COMP

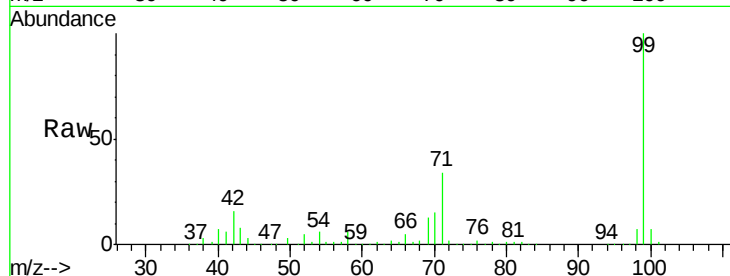
Tgt Ion: 99 Resp: 886327

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

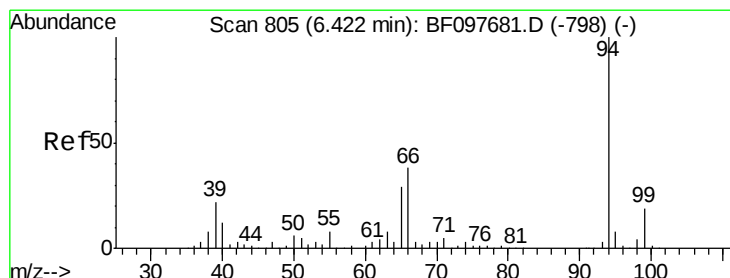
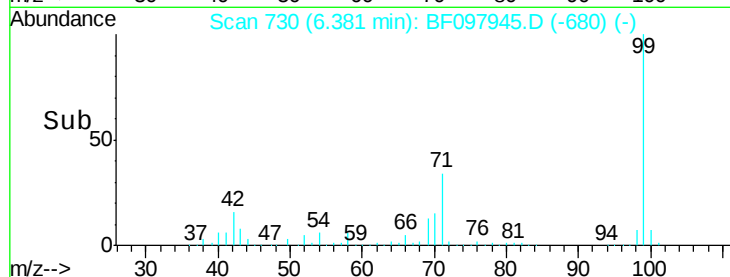
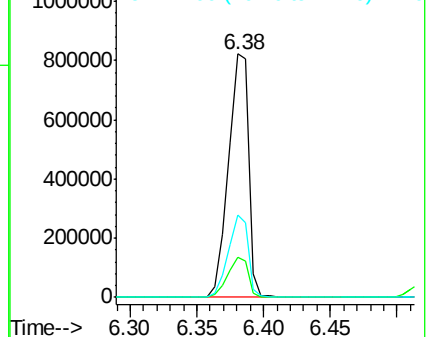
71 34.0 24.5 36.7



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



#10

Phenol

Concen: 2.834 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF097945.D

Acq: 22 Aug 2017 10:22

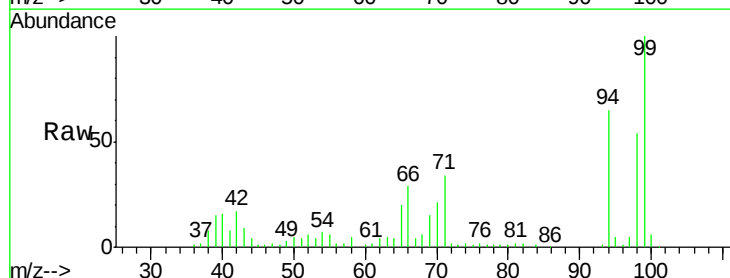
Tgt Ion: 94 Resp: 31306

Ion Ratio Lower Upper

94 100

65 30.8 9.9 49.9

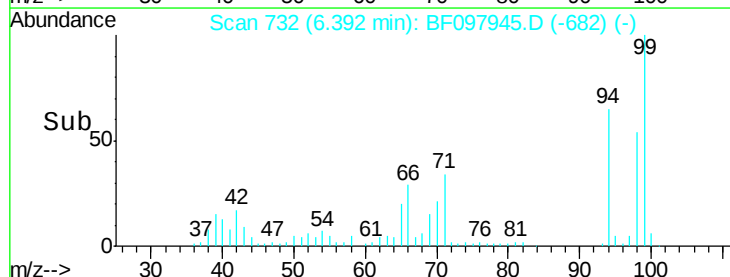
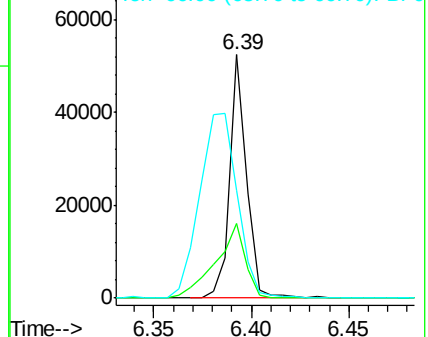
66 44.4 23.1 63.1

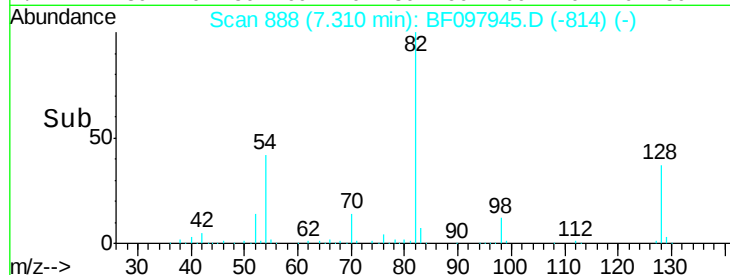
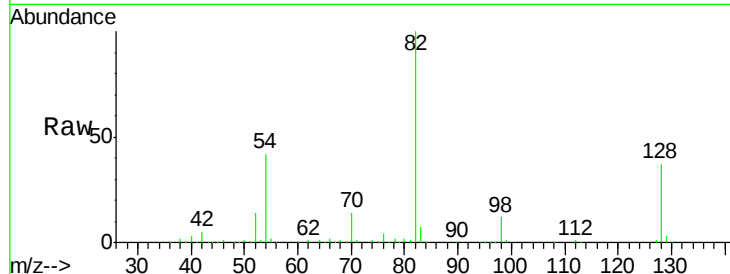
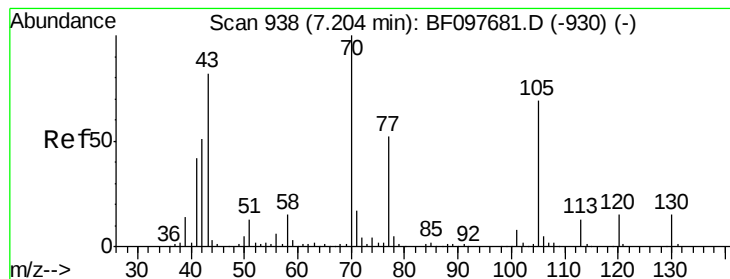


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 10.990 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF097945.D

Acq: 22 Aug 2017 10:22

Instrument :

BNA_F

ClientSampleId :

SB-31-COMP

Tgt Ion: 70 Resp: 71053

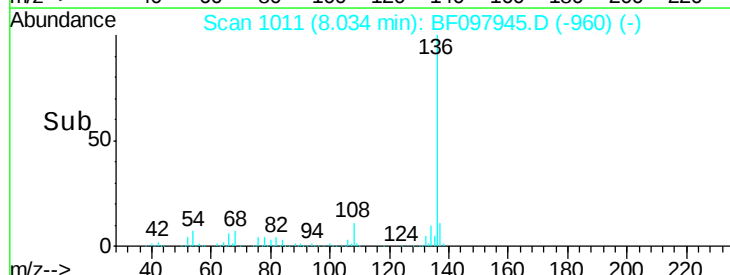
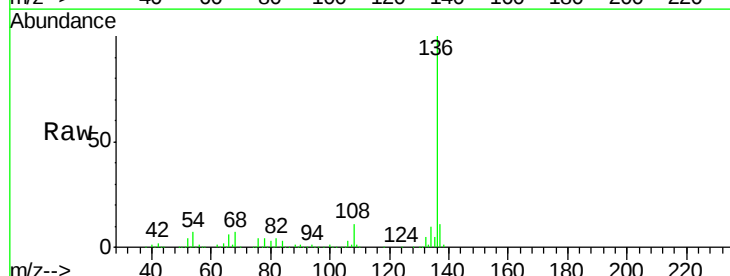
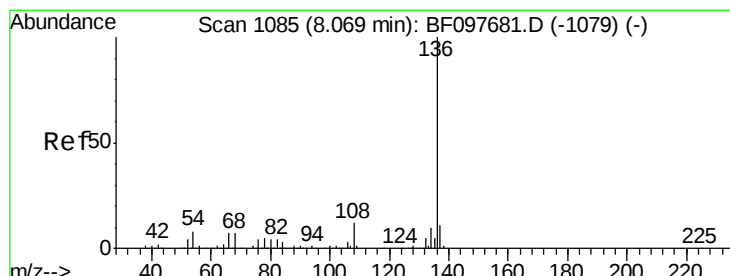
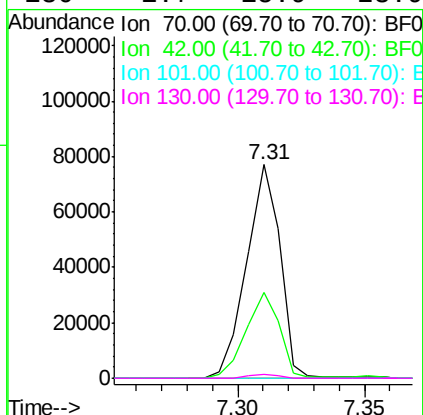
Ion Ratio Lower Upper

70 100

42 40.0 47.2 70.8#

101 0.0 7.2 10.8#

130 1.7 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF097945.D

Acq: 22 Aug 2017 10:22

Tgt Ion: 136 Resp: 382804

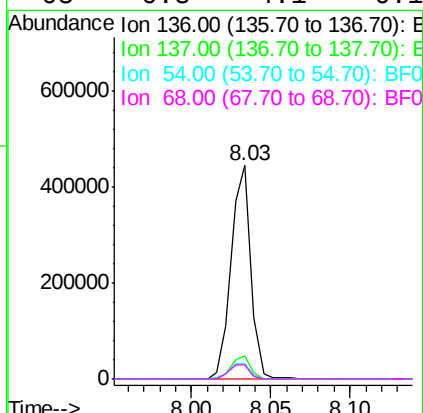
Ion Ratio Lower Upper

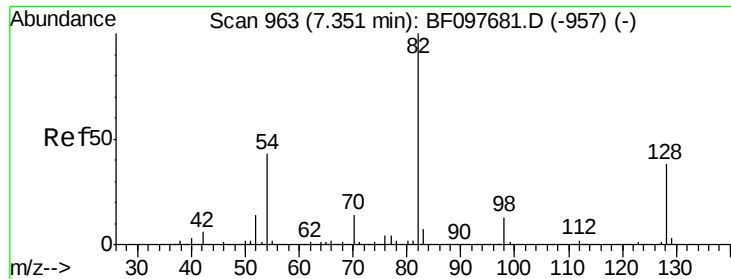
136 100

137 10.7 8.5 12.7

54 6.9 4.9 7.3

68 6.8 4.1 6.1#

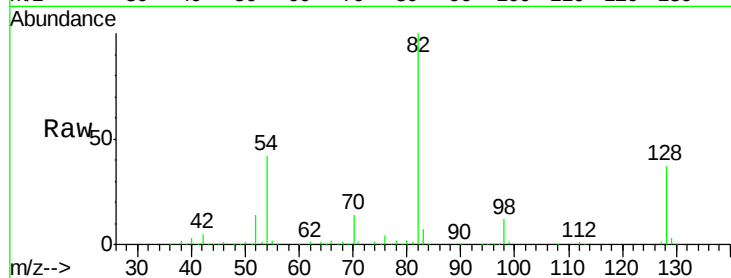




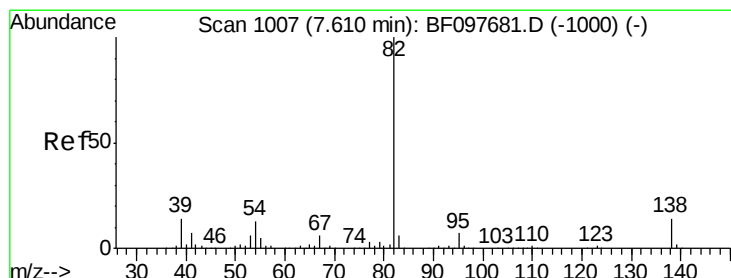
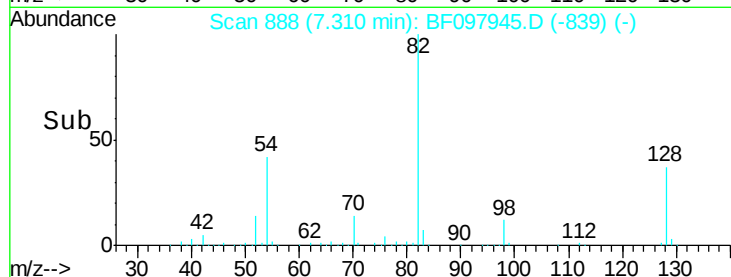
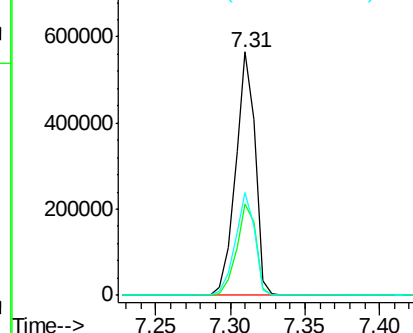
#23
 Nitrobenzene-d5
 Concen: 74.208 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF097945.D
 Acq: 22 Aug 2017 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-31-COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.4	34.0	51.0
54	42.4	42.2	63.2

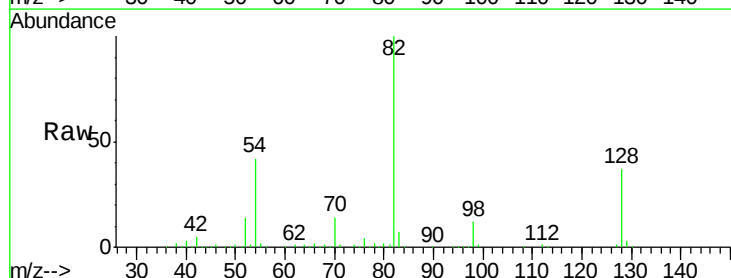


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

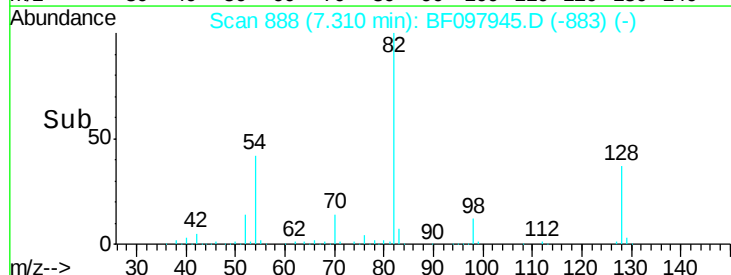
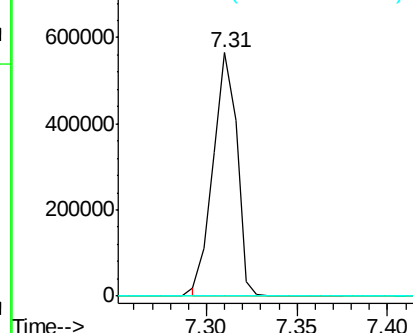


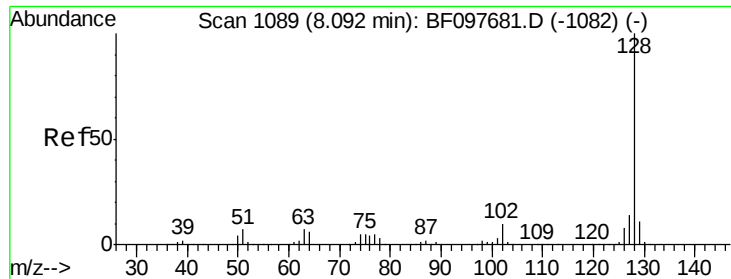
#25
 Isophorone
 Concen: 35.047 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.27 min
 Lab File: BF097945.D
 Acq: 22 Aug 2017 10:22

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

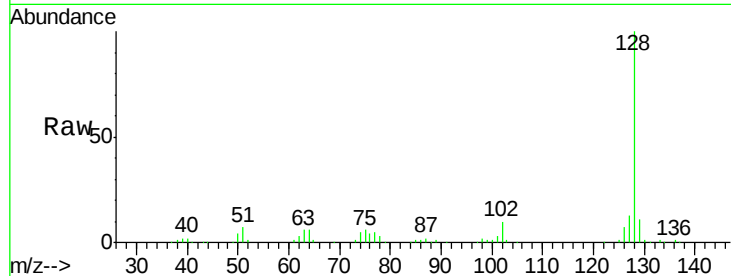




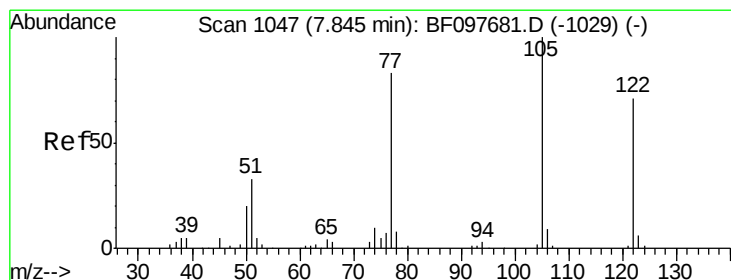
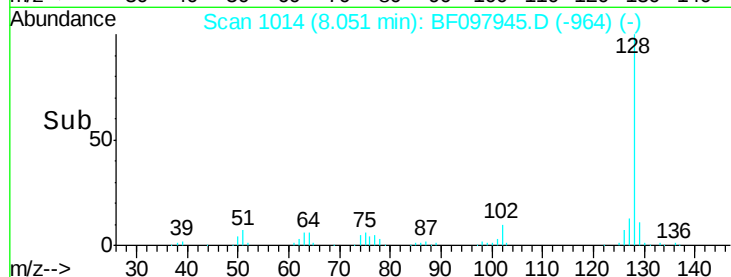
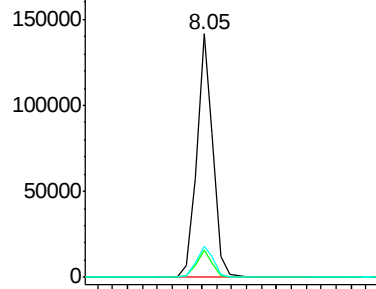
#31
Naphthalene
Concen: 5.460 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF097945.D
Acq: 22 Aug 2017 10:22

Instrument :
BNA_F
ClientSampleId :
SB-31-COMP

Tgt Ion:128 Resp: 108514
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 12.8 10.8 16.2

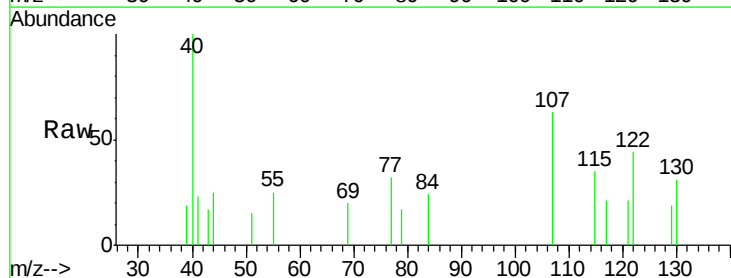


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

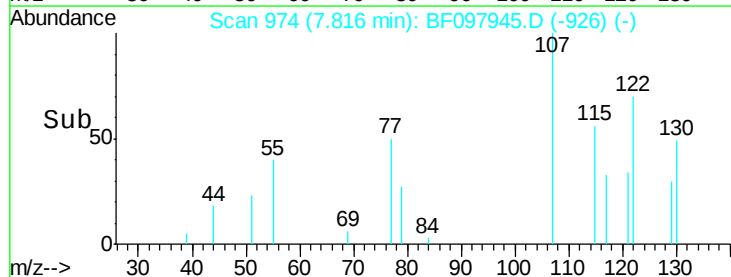
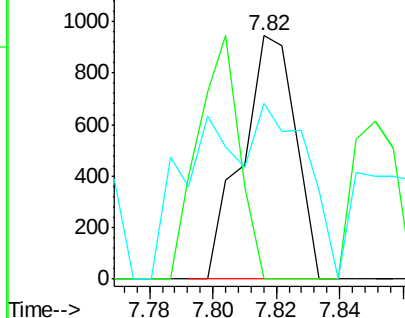


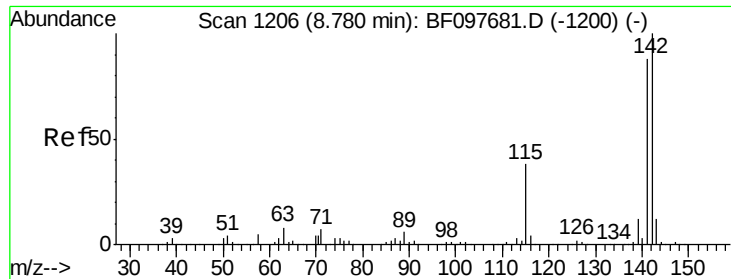
#32
Benzoic acid
Concen: 6.619 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF097945.D
Acq: 22 Aug 2017 10:22

Tgt Ion:122 Resp: 1102
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 72.1 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

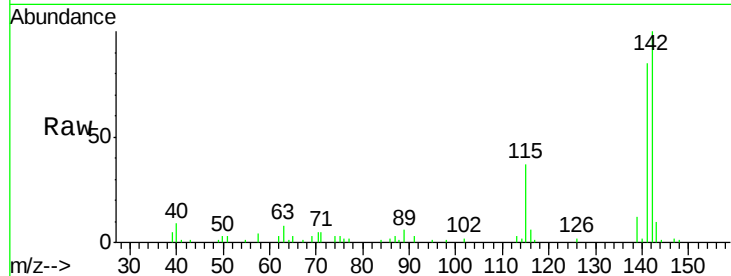




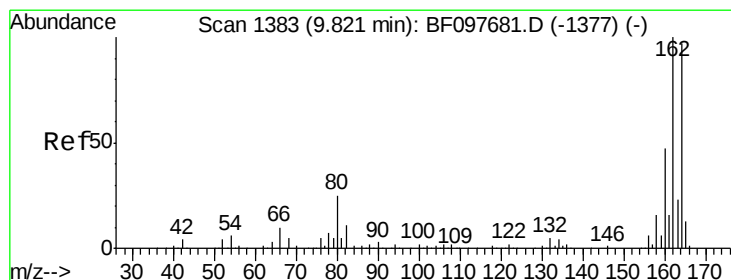
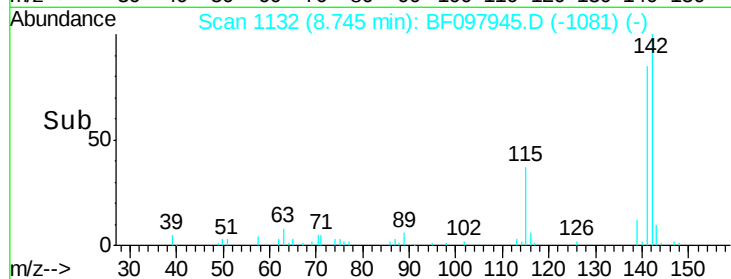
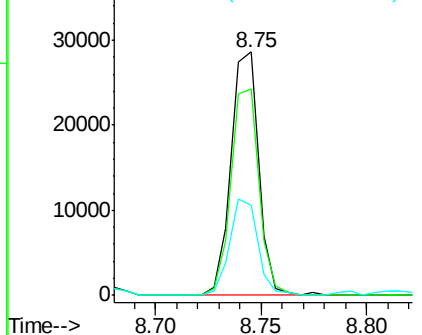
#37
 2-Methylnaphthalene
 Concen: 2.126 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF097945.D
 Acq: 22 Aug 2017 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-31-COMP

Tgt Ion:142 Resp: 25908
 Ion Ratio Lower Upper
 142 100
 141 85.1 71.3 106.9
 115 37.0 27.1 40.7

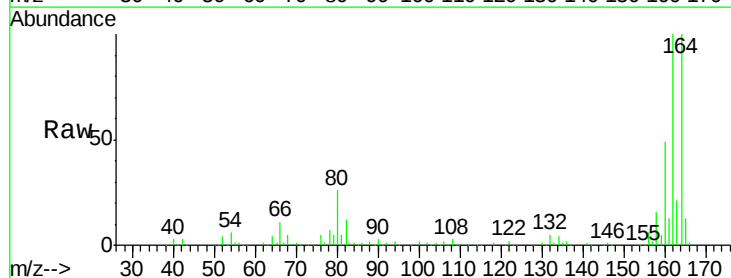


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

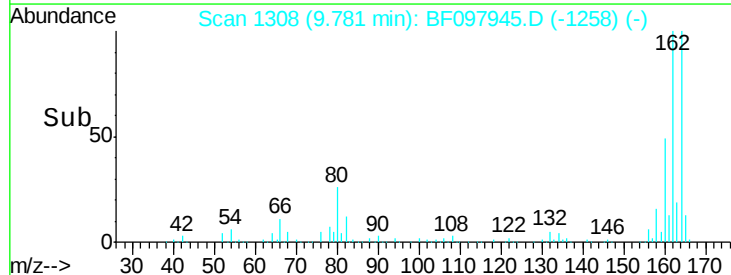
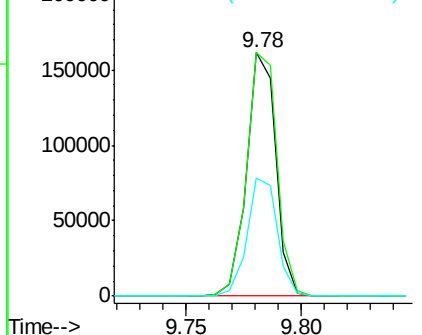


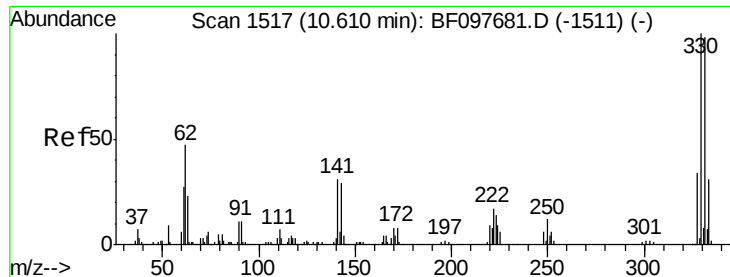
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097945.D
 Acq: 22 Aug 2017 10:22

Tgt Ion:164 Resp: 142862
 Ion Ratio Lower Upper
 164 100
 162 100.0 82.6 123.8
 160 48.8 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

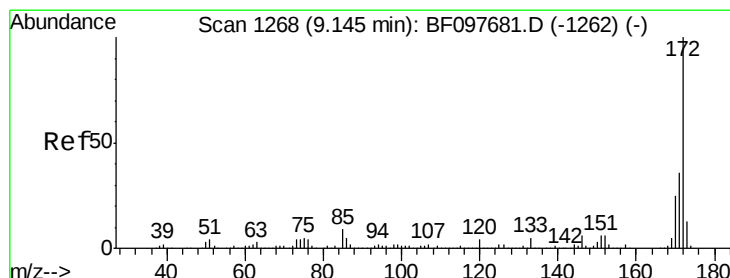
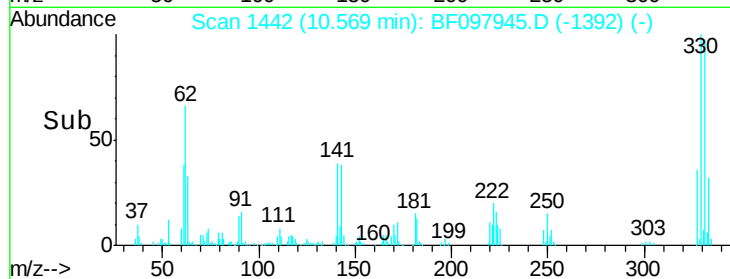
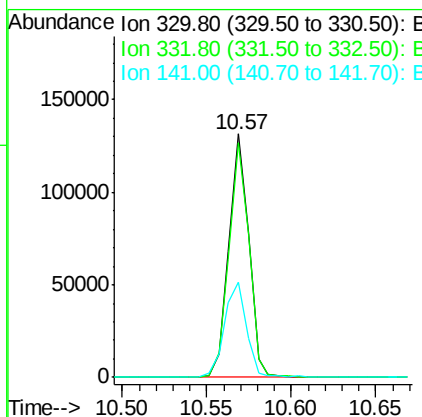
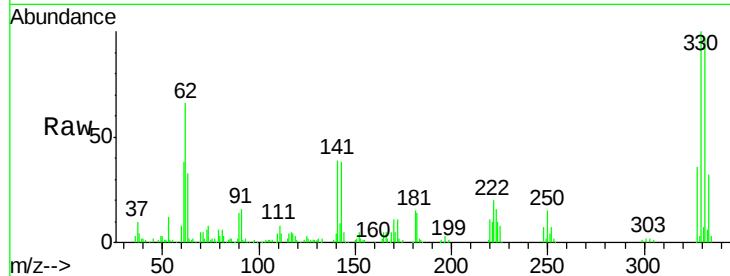




#41
 2,4,6-Tribromophenol
 Concen: 86.946 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097945.D
 Acq: 22 Aug 2017 10:22

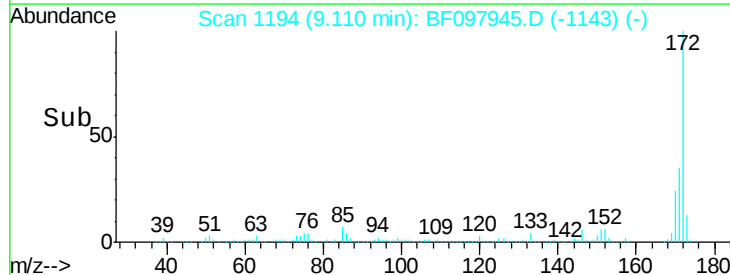
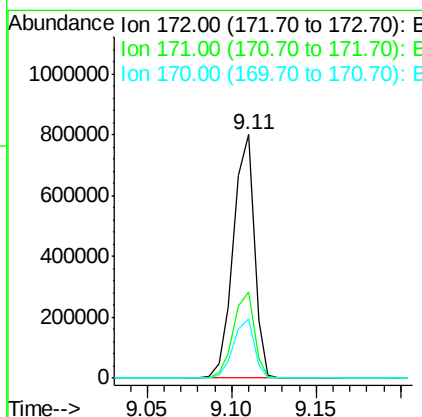
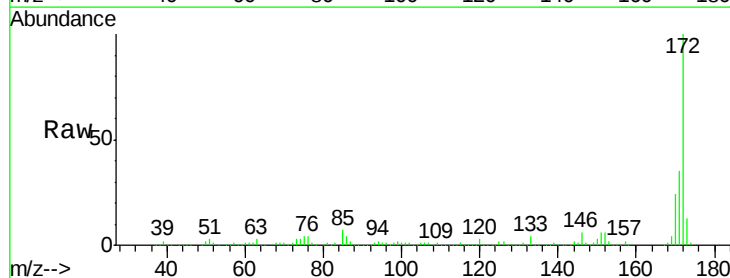
Instrument :
 BNA_F
 ClientSampleId :
 SB-31-COMP

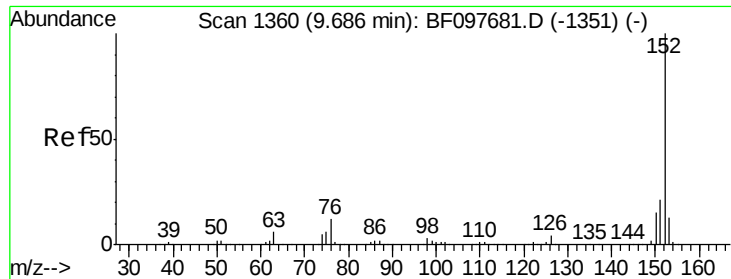
Tgt Ion: 330 Resp: 107775
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 44.6 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 71.303 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097945.D
 Acq: 22 Aug 2017 10:22

Tgt Ion: 172 Resp: 693333
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 24.2 19.8 29.8





#48

Acenaphthylene

Concen: 7.080 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF097945.D

Acq: 22 Aug 2017 10:22

Instrument :

BNA_F

ClientSampleId :

SB-31-COMP

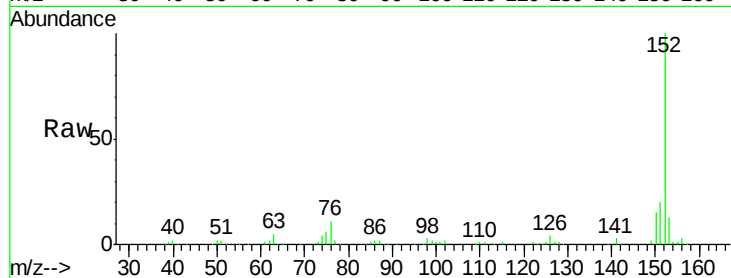
Tgt Ion:152 Resp: 107024

Ion Ratio Lower Upper

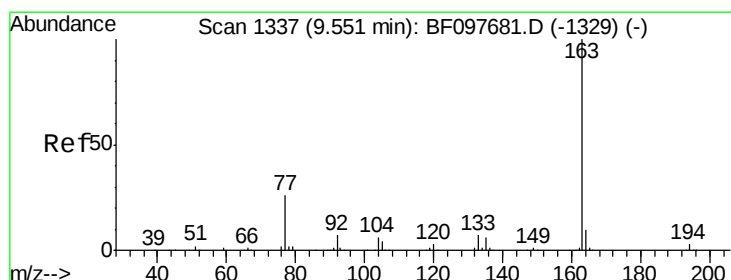
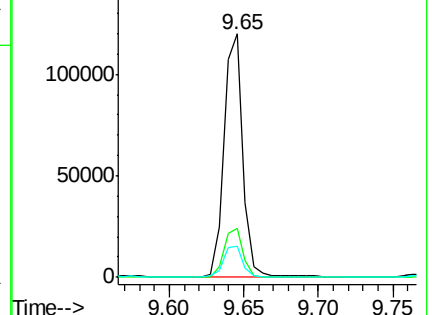
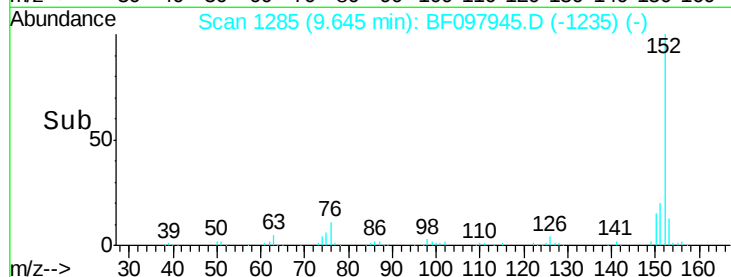
152 100

151 20.4 16.8 25.2

153 12.9 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 8.822 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF097945.D

Acq: 22 Aug 2017 10:22

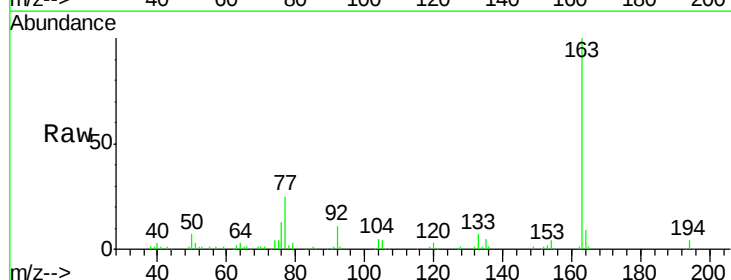
Tgt Ion:163 Resp: 92125

Ion Ratio Lower Upper

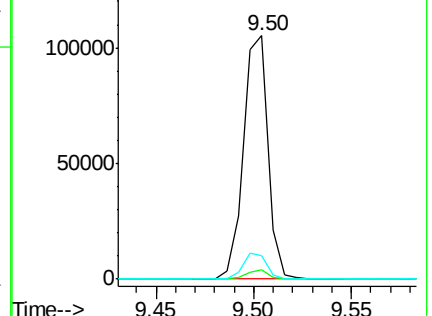
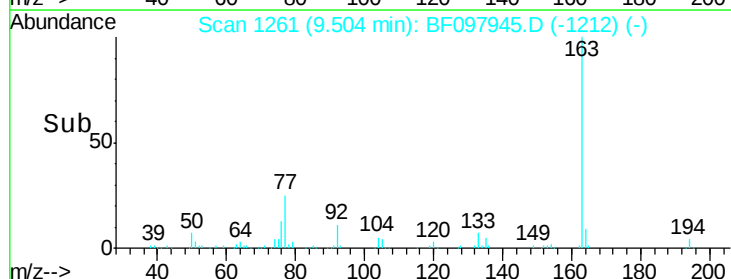
163 100

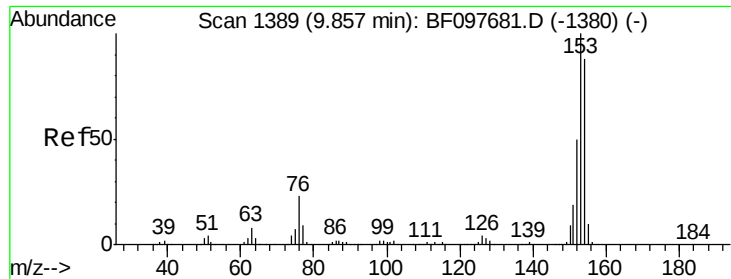
194 4.1 2.6 4.0#

164 9.5 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: 4.531 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF097945.D

Acq: 22 Aug 2017 10:22

Instrument :

BNA_F

ClientSampleId :

SB-31-COMP

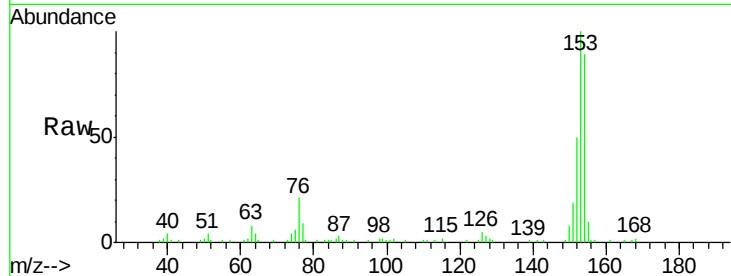
Tgt Ion:154 Resp: 43200

Ion Ratio Lower Upper

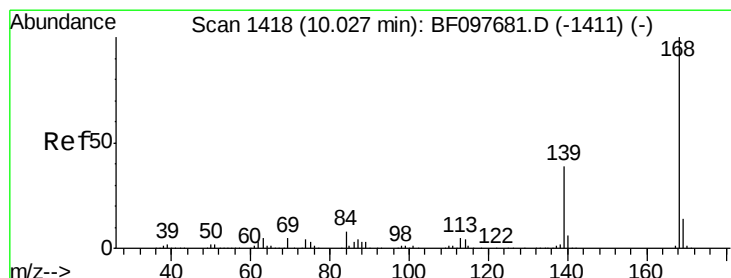
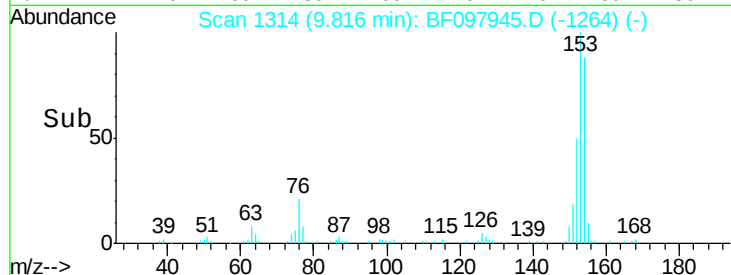
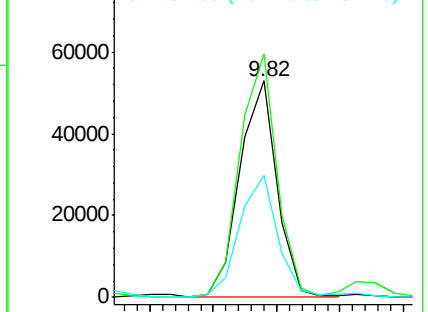
154 100

153 112.6 90.5 135.7

152 56.6 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: 2.784 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF097945.D

Acq: 22 Aug 2017 10:22

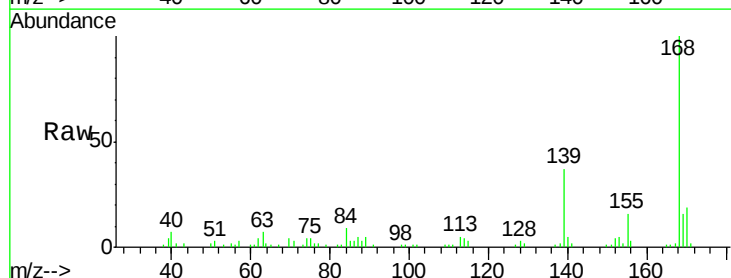
Tgt Ion:168 Resp: 35575

Ion Ratio Lower Upper

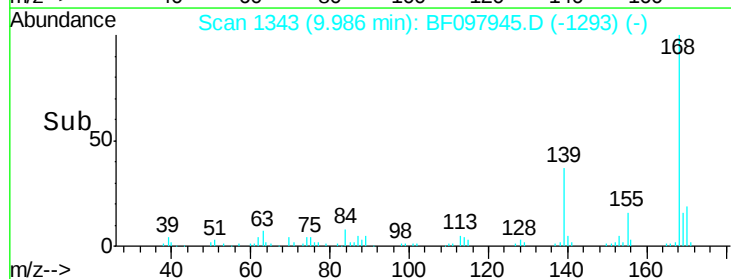
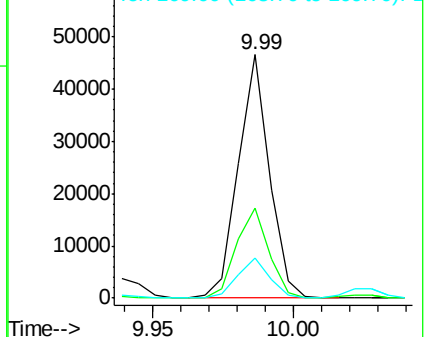
168 100

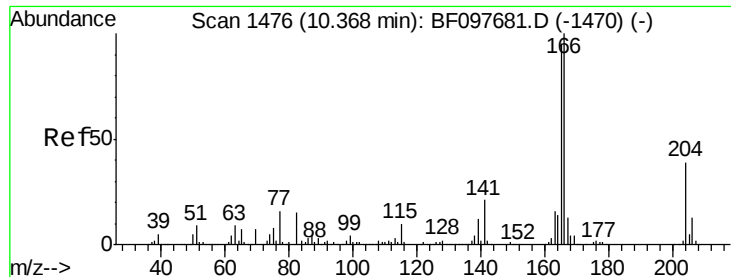
139 37.2 30.6 45.8

169 16.3 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

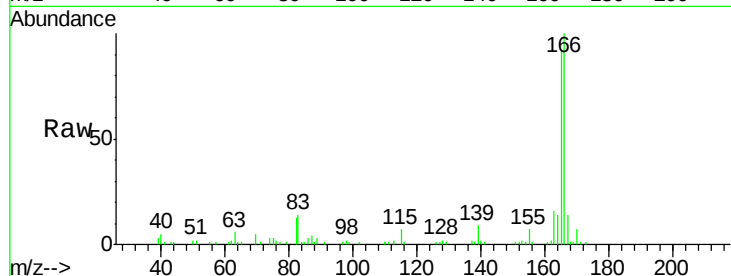




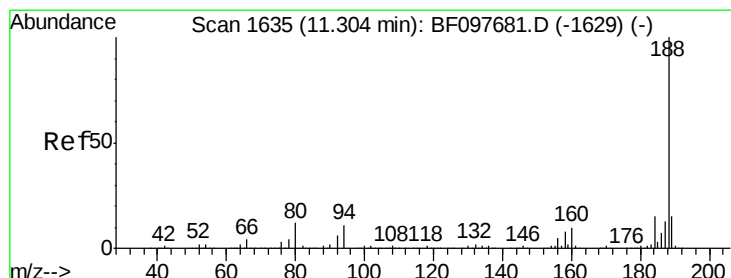
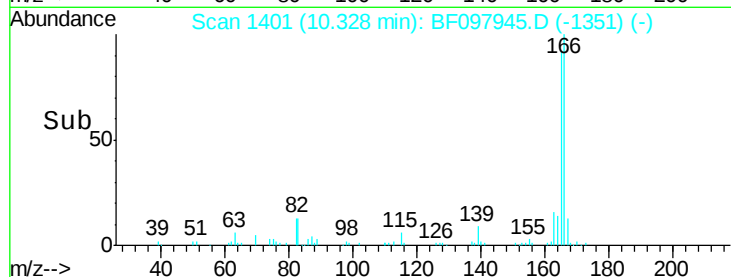
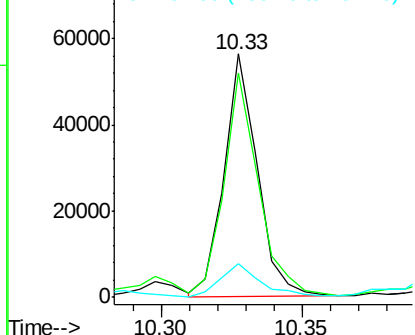
#57
Fluorene
 Concen: 4.639 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF097945.D
 Acq: 22 Aug 2017 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-31-COMP

Tgt Ion:166 Resp: 45824
 Ion Ratio Lower Upper
 166 100
 165 92.4 78.8 118.2
 167 14.1 10.6 16.0

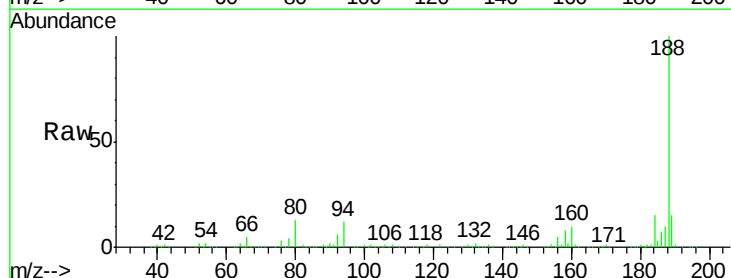


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

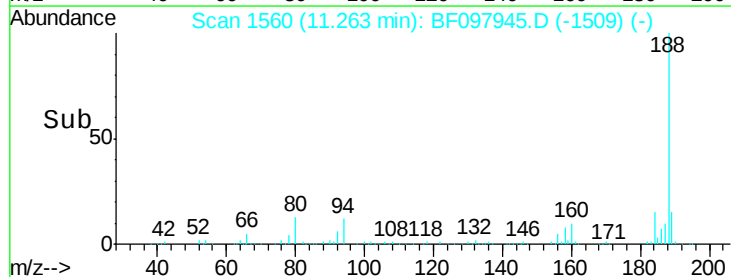
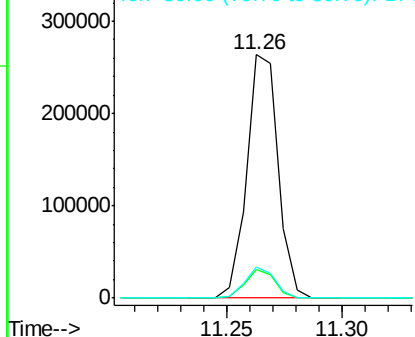


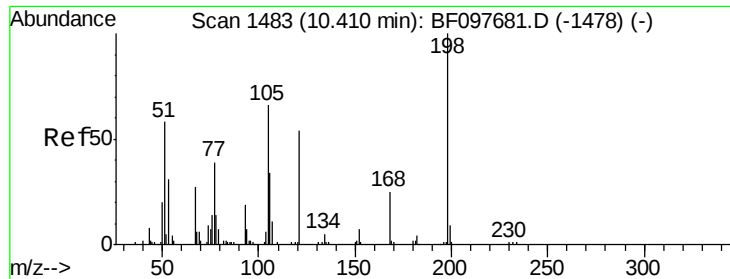
#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF097945.D
 Acq: 22 Aug 2017 10:22

Tgt Ion:188 Resp: 250119
 Ion Ratio Lower Upper
 188 100
 94 11.9 9.4 14.2
 80 12.7 10.2 15.2



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

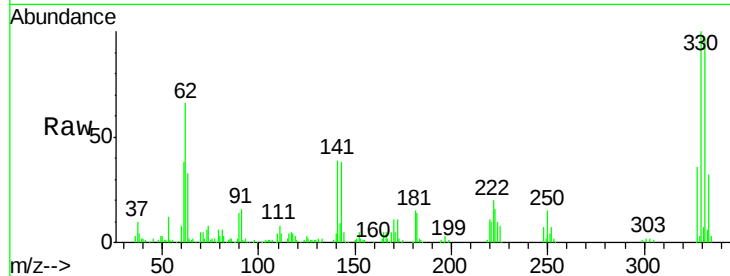




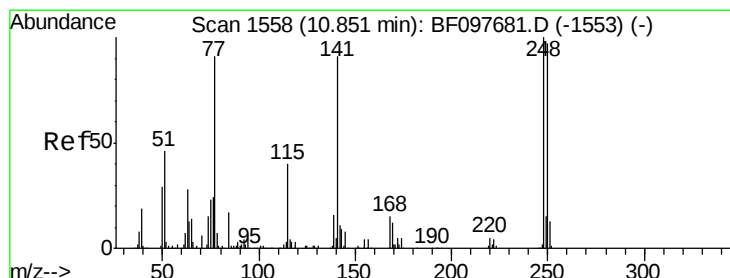
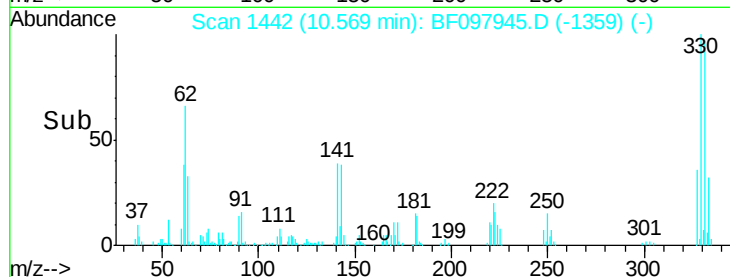
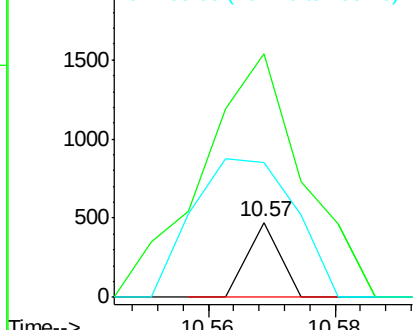
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.438 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.19 min
 Lab File: BF097945.D
 Acq: 22 Aug 2017 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-31-COMP

Tgt Ion:198 Resp: 167
 Ion Ratio Lower Upper
 198 100
 51 325.8 53.2 93.2#
 105 181.1 45.8 85.8#

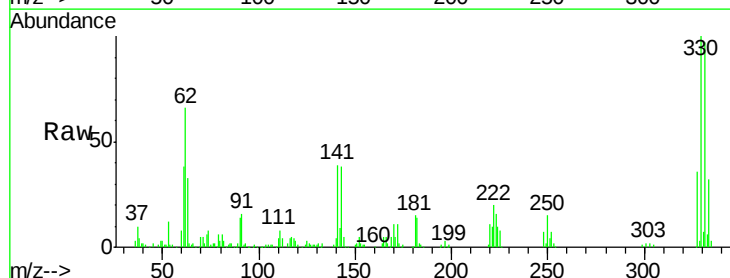


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

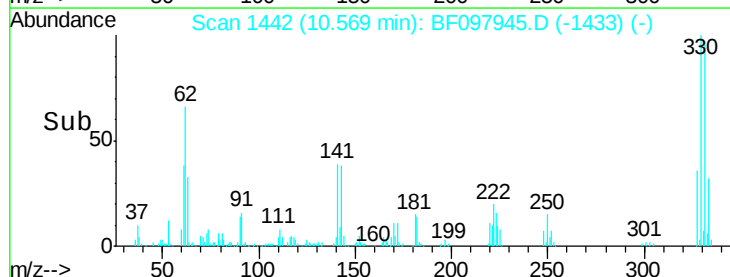
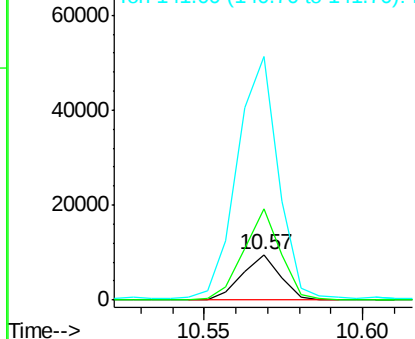


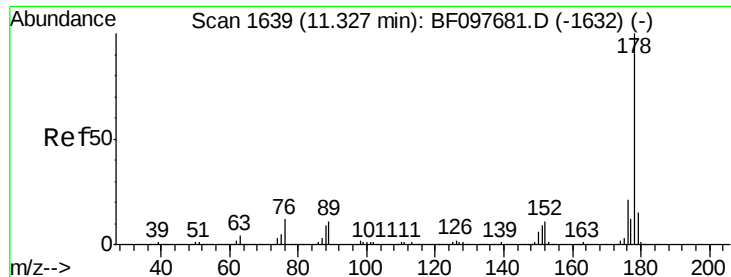
#66
 4-Bromophenyl-phenylether
 Concen: 3.045 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF097945.D
 Acq: 22 Aug 2017 10:22

Tgt Ion:248 Resp: 7910
 Ion Ratio Lower Upper
 248 100
 250 197.9 76.8 115.2#
 141 530.9 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

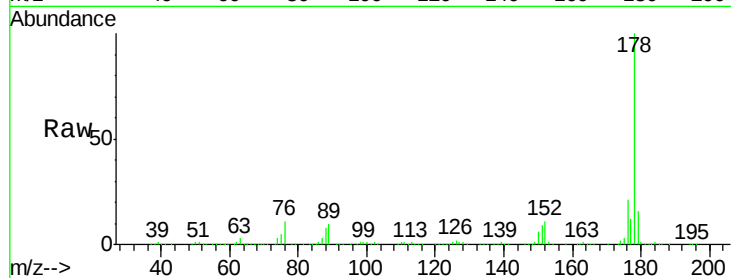




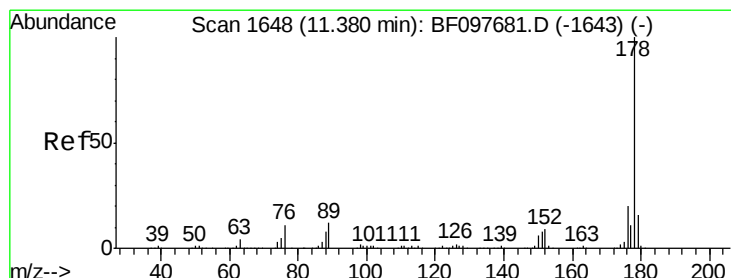
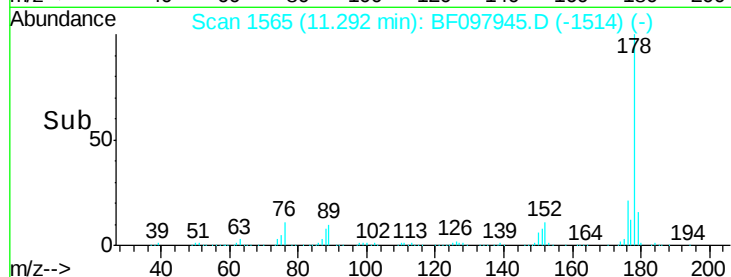
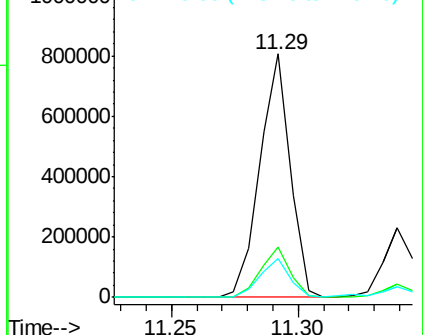
#70
 Phenanthrene
 Concen: 50.368 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF097945.D
 Acq: 22 Aug 2017 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-31-COMP

Tgt Ion:178 Resp: 671311
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.2 24.4
 179 15.8 12.6 19.0

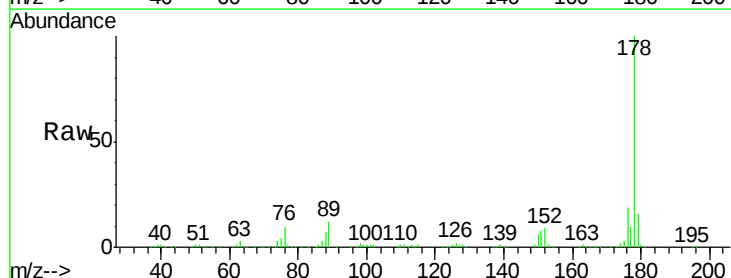


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

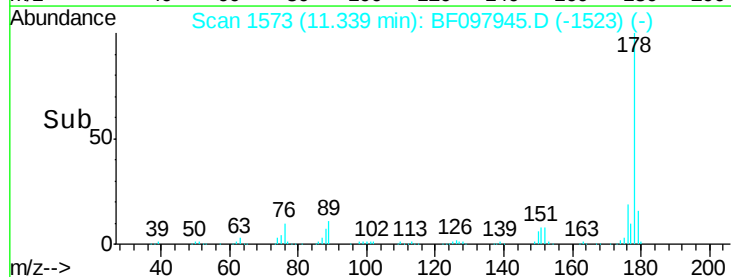
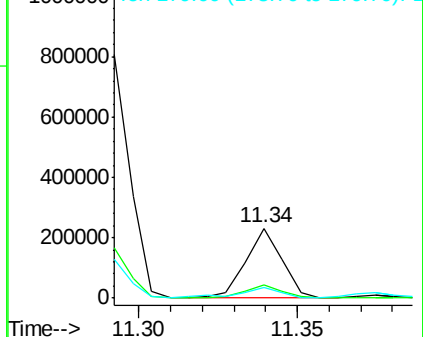


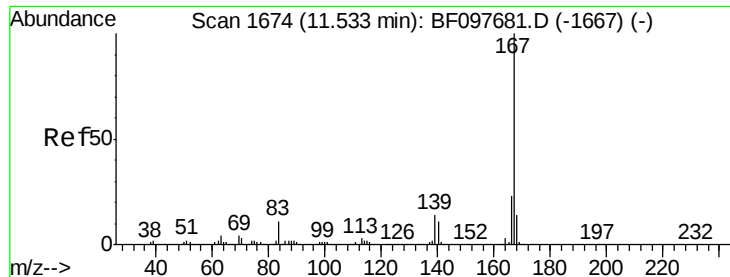
#71
 Anthracene
 Concen: 13.063 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF097945.D
 Acq: 22 Aug 2017 10:22

Tgt Ion:178 Resp: 176595
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.7 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: 4.100 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF097945.D

Acq: 22 Aug 2017 10:22

Instrument :

BNA_F

ClientSampleId :

SB-31-COMP

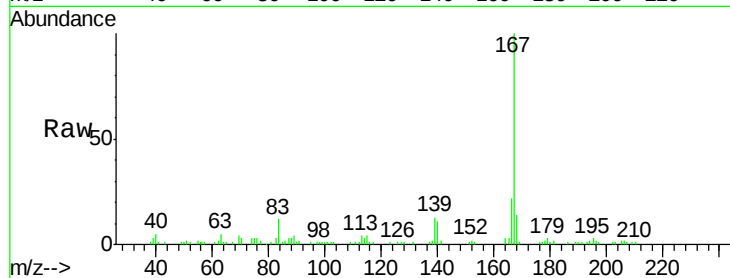
Tgt Ion:167 Resp: 52607

Ion Ratio Lower Upper

167 100

166 22.5 18.1 27.1

139 13.3 11.7 17.5

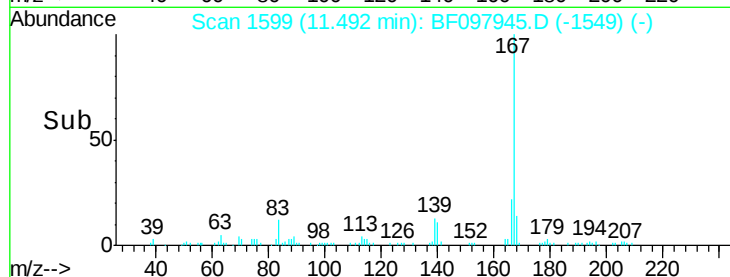


Abundance Ion 167.00 (166.70 to 167.70): E

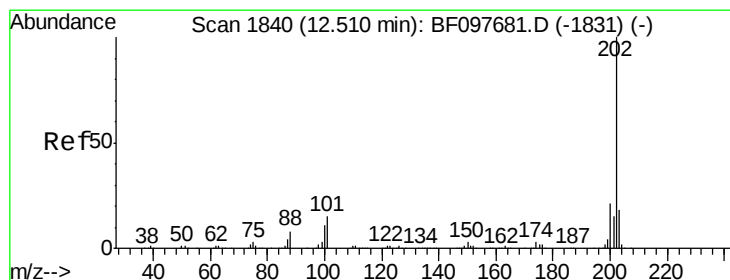
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



Time-->



#74

Fluoranthene

Concen: 101.969 ng

RT: 12.49 min Scan# 1768

Delta R.T. 0.01 min

Lab File: BF097945.D

Acq: 22 Aug 2017 10:22

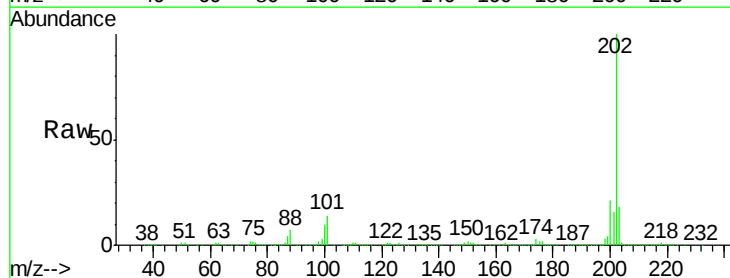
Tgt Ion:202 Resp: 1418542

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.2

203 18.1 0.0 38.1

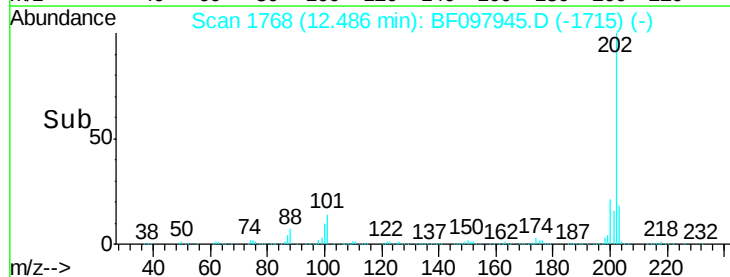


Abundance Ion 202.00 (201.70 to 202.70): E

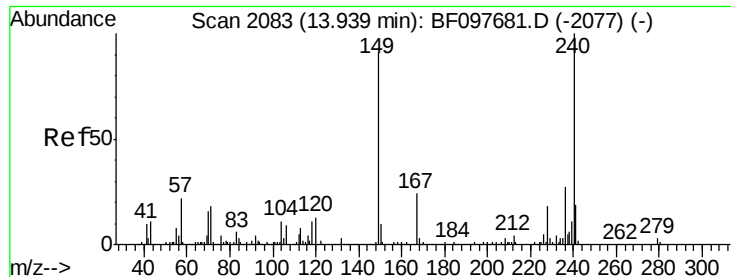
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF097945.D

Acq: 22 Aug 2017 10:22

Instrument :

BNA_F

ClientSampleId :

SB-31-COMP

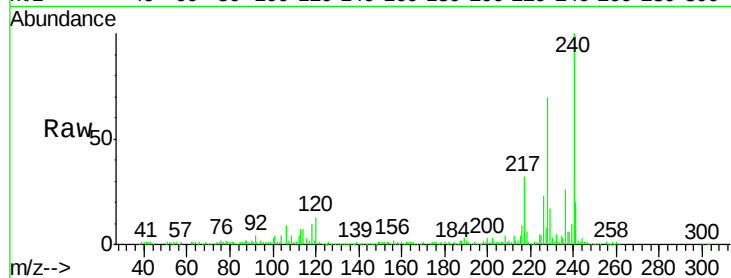
Tgt Ion:240 Resp: 190891

Ion Ratio Lower Upper

240 100

120 12.8 5.8 8.8#

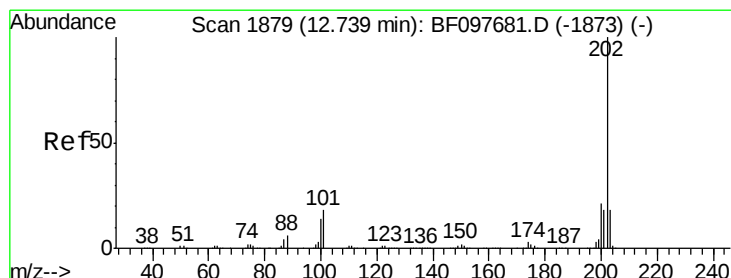
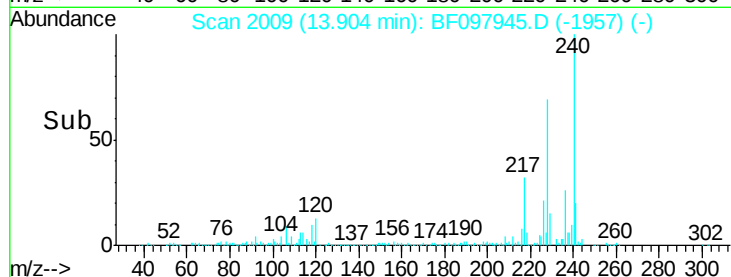
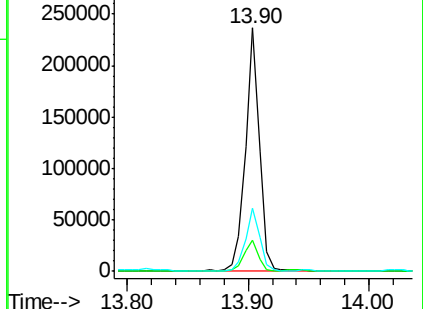
236 26.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 93.862 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF097945.D

Acq: 22 Aug 2017 10:22

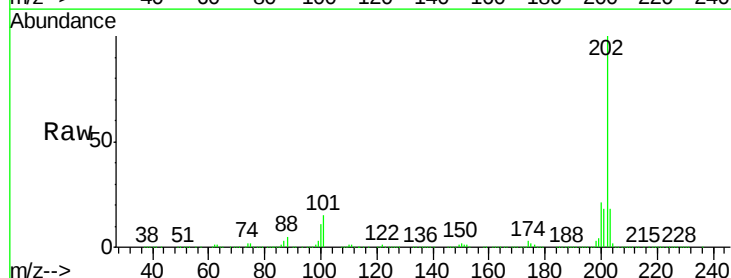
Tgt Ion:202 Resp: 1465437

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

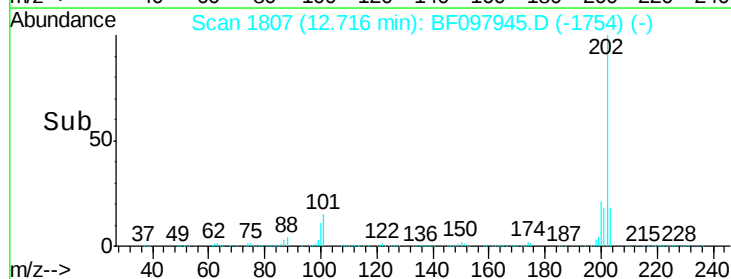
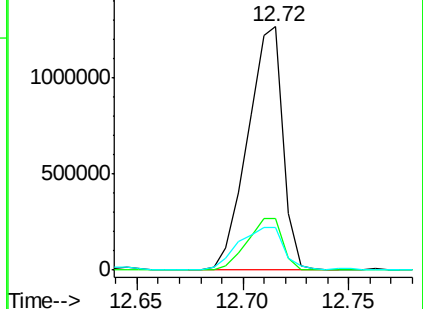
203 17.8 14.4 21.6

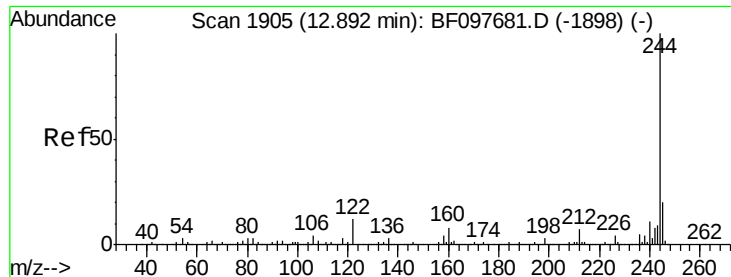


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 54.873 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097945.D

Acq: 22 Aug 2017 10:22

Instrument :

BNA_F

ClientSampleId :

SB-31-COMP

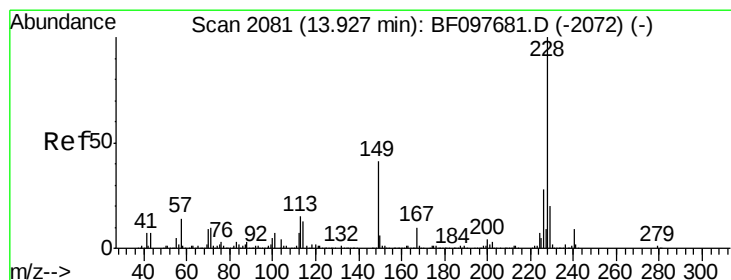
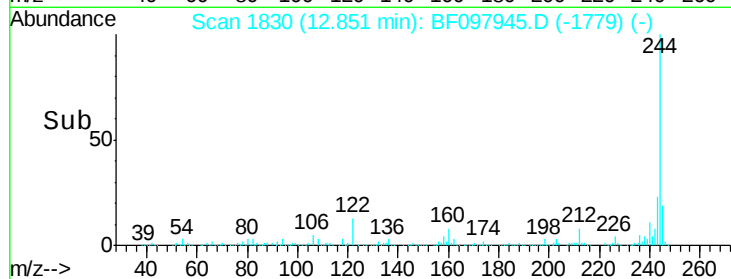
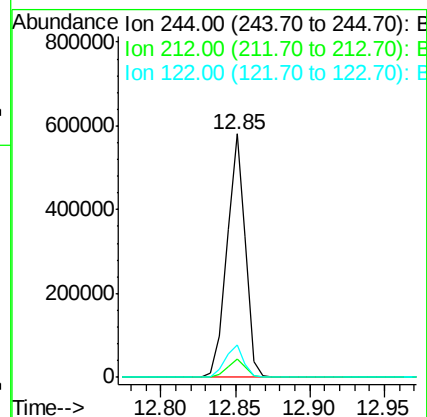
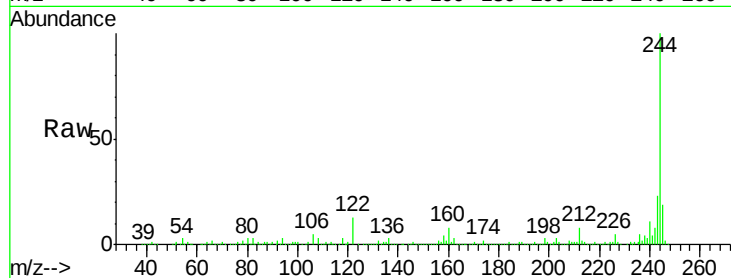
Tgt Ion:244 Resp: 502306

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 13.1 10.3 15.5



#80

Benzo(a)anthracene

Concen: 59.850 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF097945.D

Acq: 22 Aug 2017 10:22

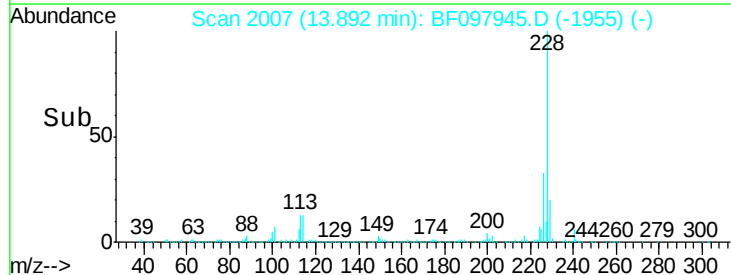
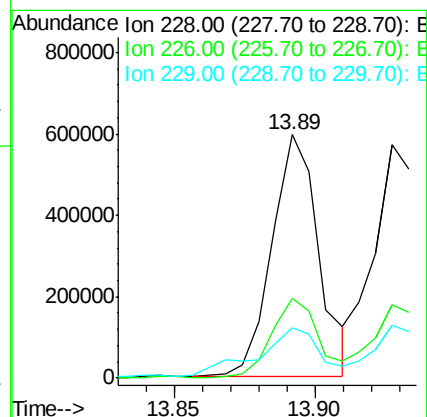
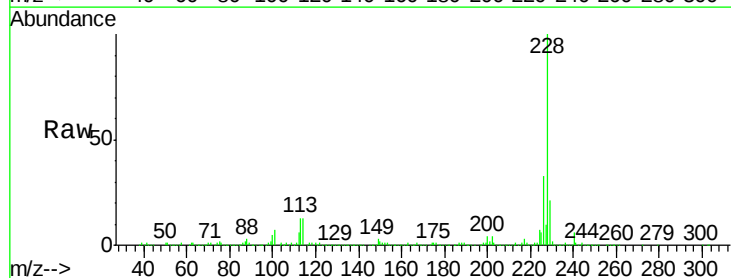
Tgt Ion:228 Resp: 684731

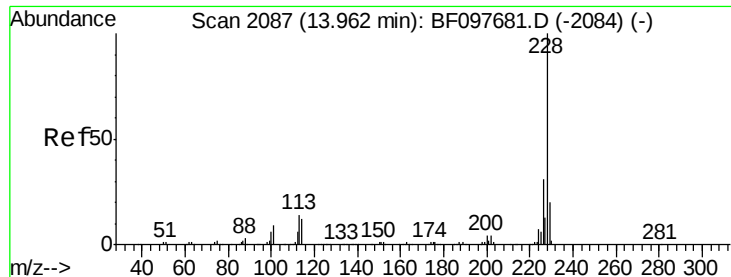
Ion Ratio Lower Upper

228 100

226 32.8 22.6 33.8

229 20.8 16.3 24.5





#82

Chrysene

Concen: 52.326 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF097945.D

Acq: 22 Aug 2017 10:22

Instrument :

BNA_F

ClientSampleId :

SB-31-COMP

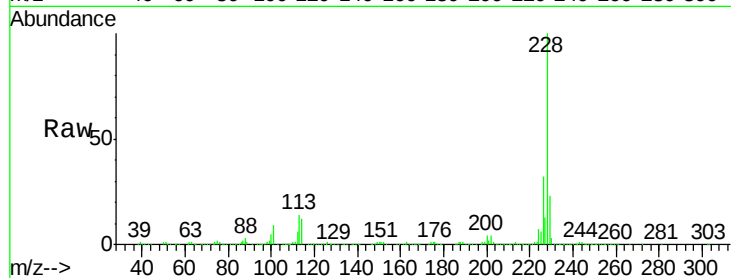
Tgt Ion:228 Resp: 595526

Ion Ratio Lower Upper

228 100

226 31.8 24.9 37.3

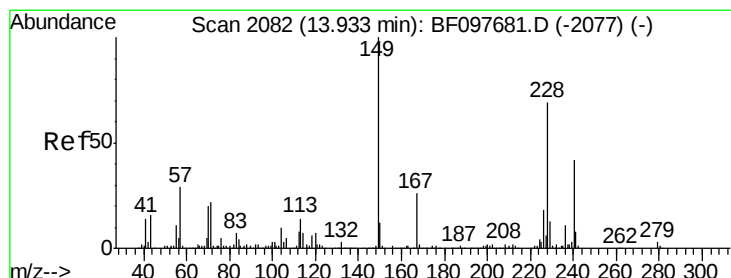
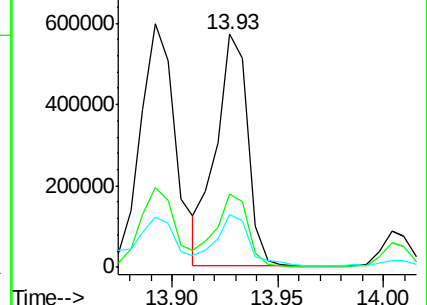
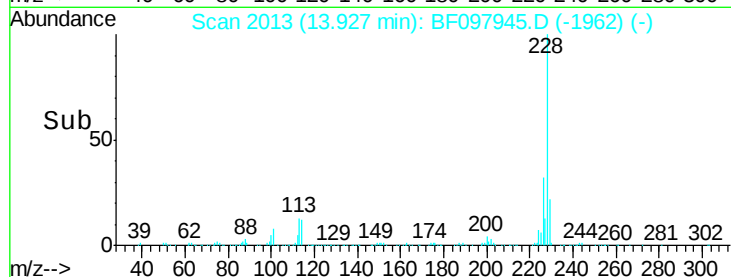
229 22.8 15.8 23.6



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: 2.505 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF097945.D

Acq: 22 Aug 2017 10:22

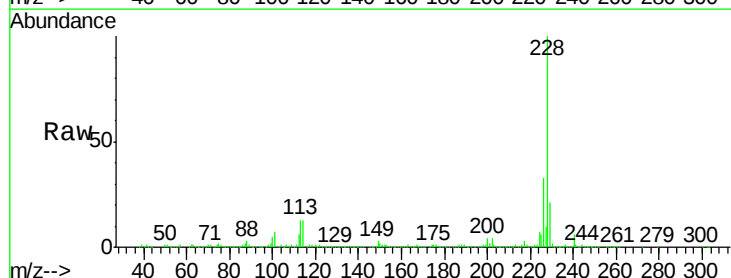
Tgt Ion:149 Resp: 16617

Ion Ratio Lower Upper

149 100

167 22.6 21.0 31.4

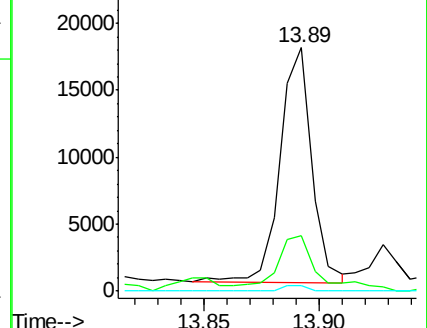
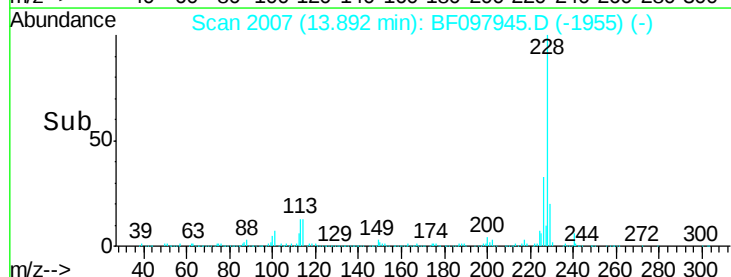
279 2.2 1.9 2.9

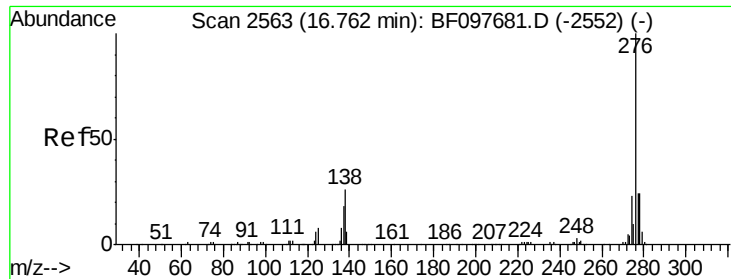


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.829 ng

RT: 16.71 min Scan# 2486

Delta R.T. 0.02 min

Lab File: BF097945.D

Acq: 22 Aug 2017 10:22

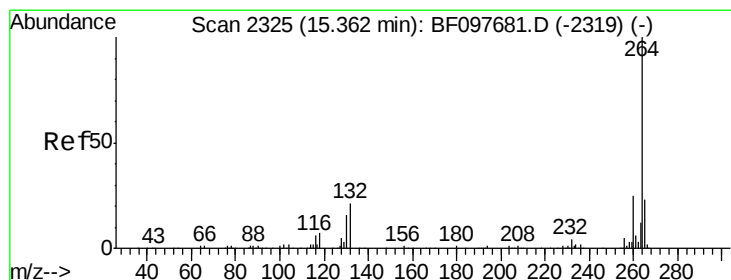
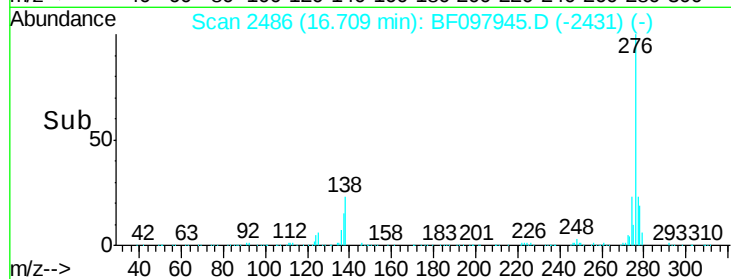
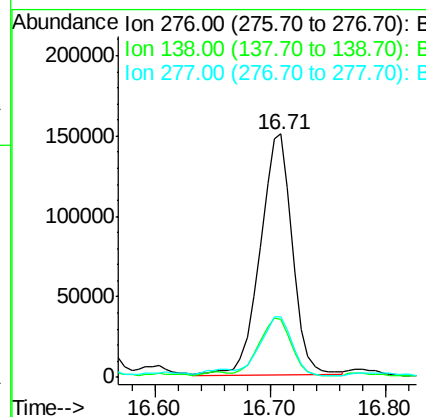
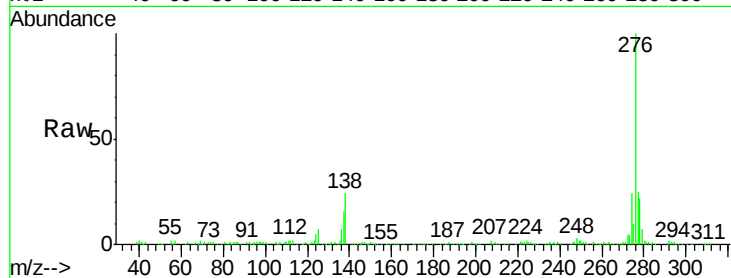
Instrument :

BNA_F

ClientSampleId :

SB-31-COMP

Tgt Ion:	276	Resp:	291595
Ion Ratio	Lower	Upper	
276	100		
138	24.9	27.8	41.6#
277	26.5	20.2	30.4



#86

Perylene-d12

Concen: 20.000 ng

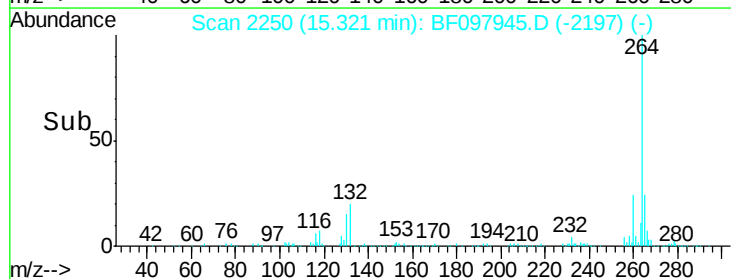
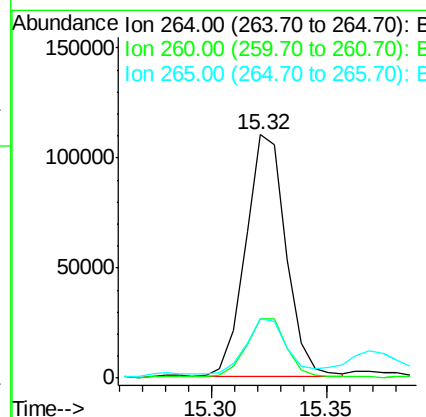
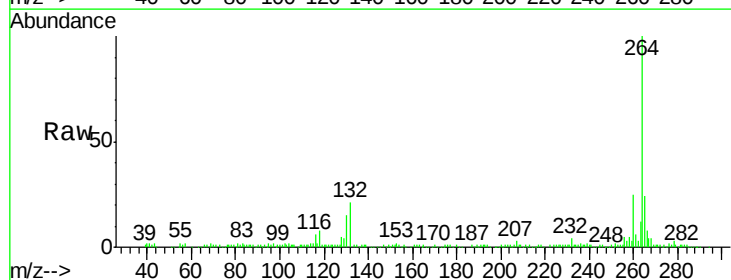
RT: 15.32 min Scan# 2250

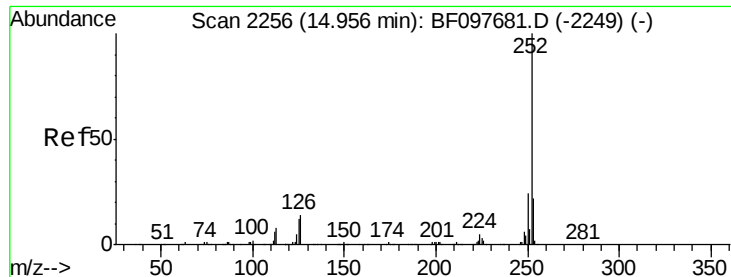
Delta R.T. 0.01 min

Lab File: BF097945.D

Acq: 22 Aug 2017 10:22

Tgt Ion:	264	Resp:	134099
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.5	29.3
265	24.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 105.961 ng

RT: 14.92 min Scan# 2182

Delta R.T. 0.01 min

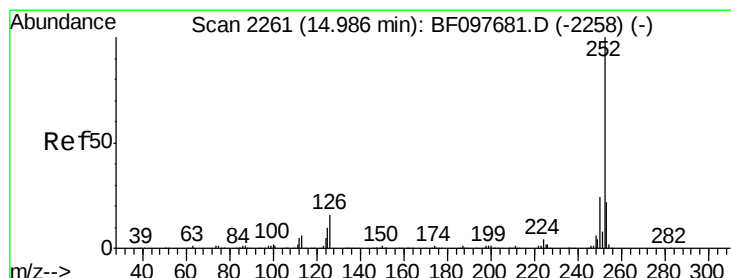
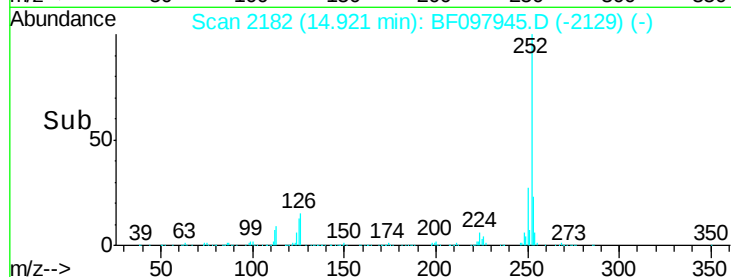
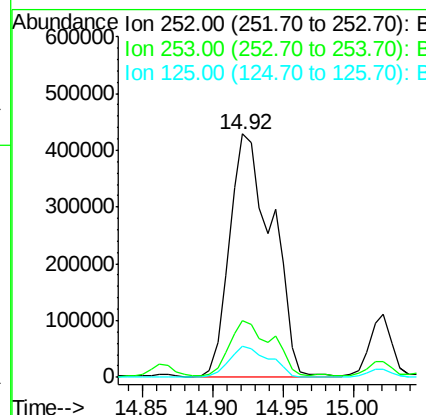
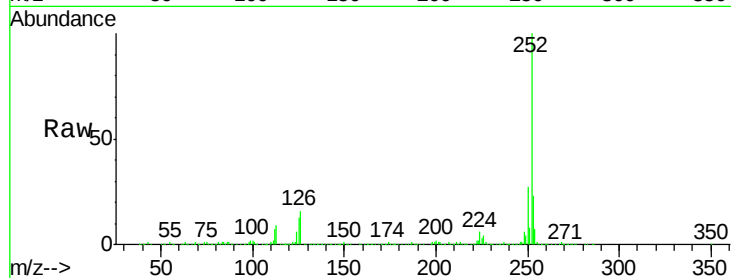
Lab File: BF097945.D

Acq: 22 Aug 2017 10:22

Instrument :
BNA_F
ClientSampleId :
SB-31-COMP

Tgt Ion: 252 Resp: 895656

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	12.8	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 42.878 ng

RT: 15.21 min Scan# 2231

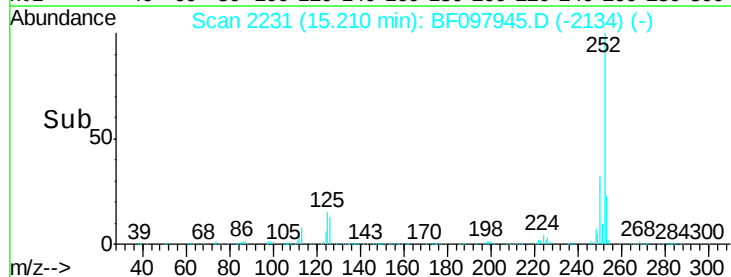
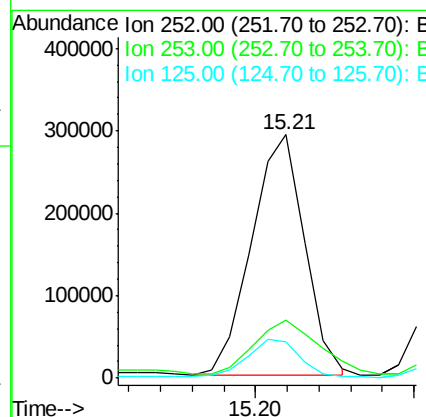
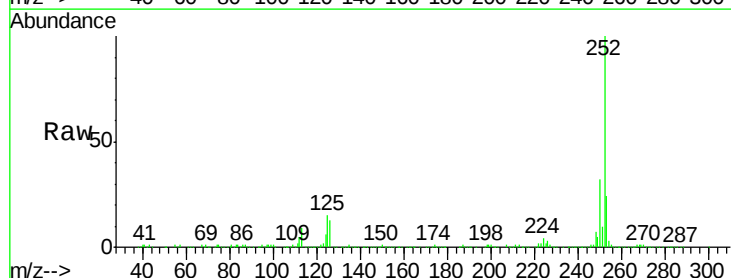
Delta R.T. 0.27 min

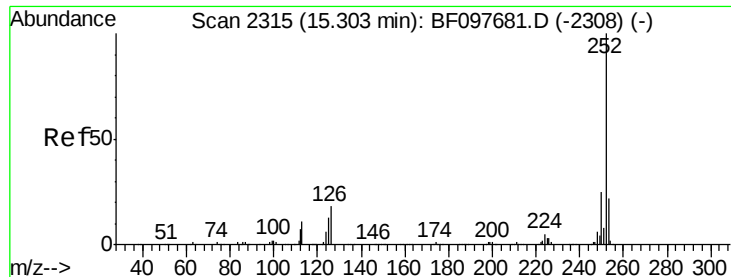
Lab File: BF097945.D

Acq: 22 Aug 2017 10:22

Tgt Ion: 252 Resp: 340511

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	14.8	13.1	19.7

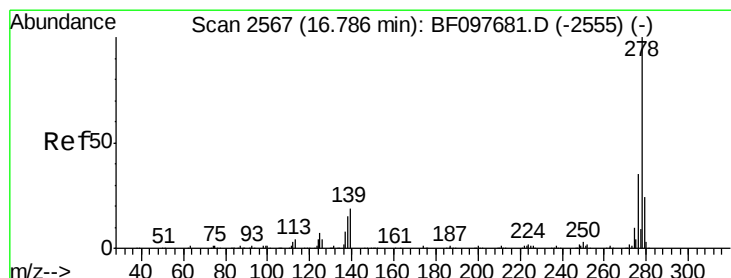
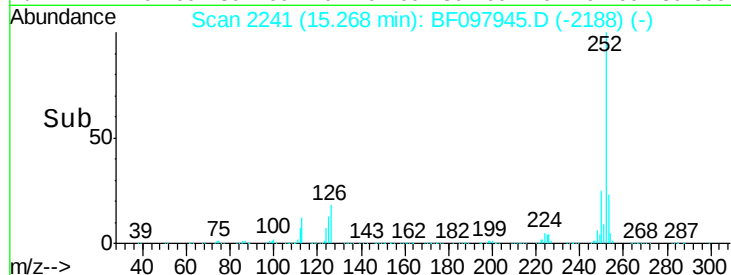
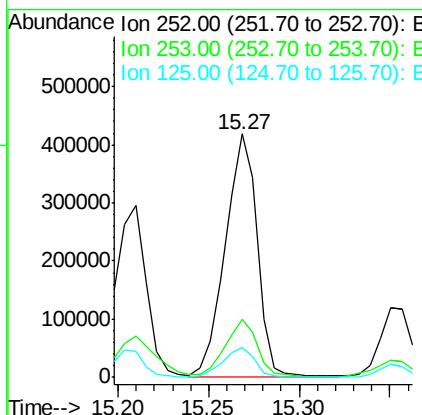
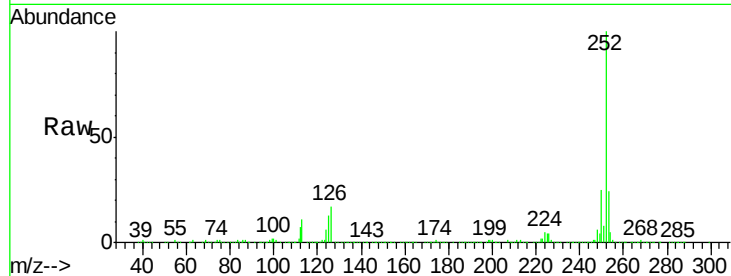




#89
Benzo(a)pyrene
Concen: 67.890 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF097945.D
Acq: 22 Aug 2017 10:22

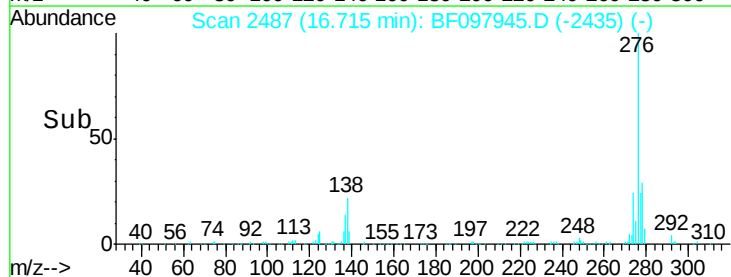
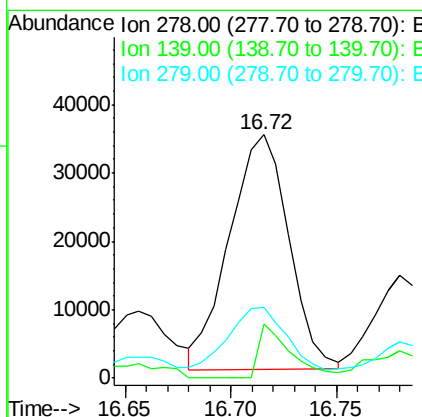
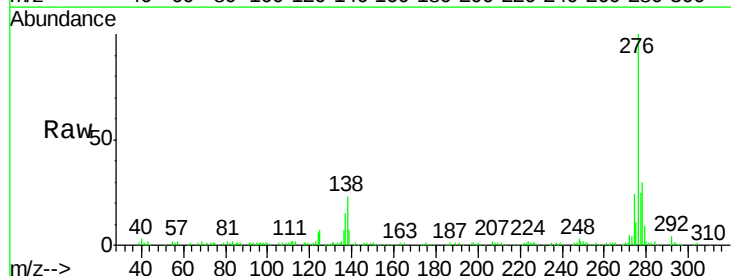
Instrument :
BNA_F
ClientSampleId :
SB-31-COMP

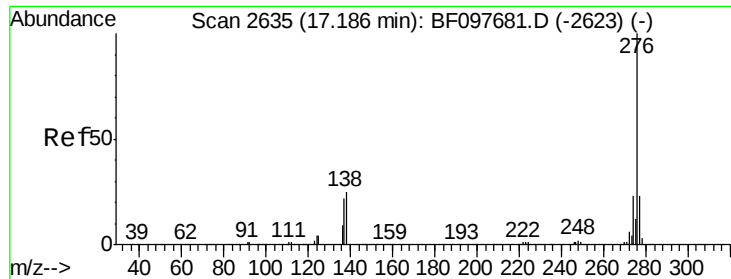
Tgt Ion:252 Resp: 508019
Ion Ratio Lower Upper
252 100
253 23.8 17.5 26.3
125 12.5 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 10.983 ng
RT: 16.72 min Scan# 2487
Delta R.T. 0.01 min
Lab File: BF097945.D
Acq: 22 Aug 2017 10:22

Tgt Ion:278 Resp: 66908
Ion Ratio Lower Upper
278 100
139 22.4 16.6 24.8
279 28.8 19.3 28.9





#91

Benzo(g,h,i)perylene

Concen: 45.271 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.02 min

Lab File: BF097945.D

Acq: 22 Aug 2017 10:22

Instrument :

BNA_F

ClientSampleId :

SB-31-COMP

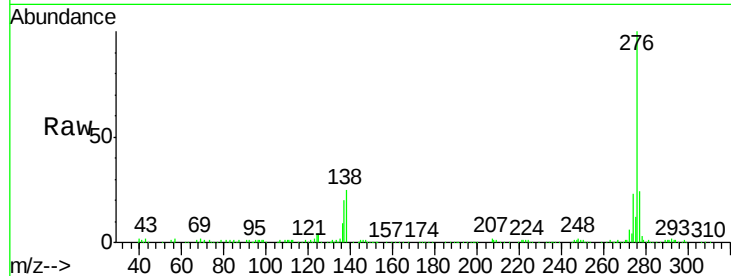
Tgt Ion: 276 Resp: 287765

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 25.4 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

