

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092520.D
 Acq On : 26 Jan 2017 12:43
 Operator : SJ/MA
 Sample : I1386-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2

Quant Time: Jan 27 00:20:14 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166313	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	611496	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	279026	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	391998	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	306330	20.00	ng	-0.01
86) Perylene-d12	15.64	264	231243	20.00	ng	0.00

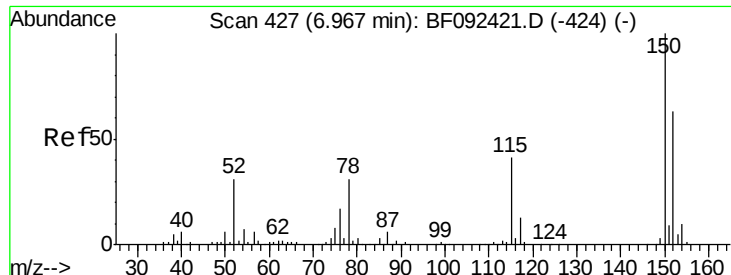
System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1077507	100.80	ng	0.01
7) Phenol-d6	6.59	99	1331052	97.76	ng	0.00
23) Nitrobenzene-d5	7.54	82	960194	85.77	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	195154	102.63	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1270427	84.19	ng	-0.01
78) Terphenyl-d14	13.11	244	1004116	87.29	ng	-0.01

Target Compounds

						Qvalue
10) Phenol	6.60	94	110404	6.72	ng	# 73
19) n-Nitroso-di-n-propylamine	7.54	70	130903	14.12	ng	# 76
25) Isophorone	7.54	82	906131	41.08	ng	# 65
32) Benzoic acid	7.94	122	252	4.72	ng	91
49) Dimethylphthalate	9.73	163	87882	4.95	ng	99
51) Acenaphthene	10.05	154	33998	2.26	ng	94
56) 2,4-Dinitrotoluene	10.03	165	38898	8.08	ng	# 20
57) Fluorene	10.57	166	35339	2.34	ng	# 94
64) 4,6-Dinitro-2-methylphenol	10.81	198	531	5.18	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	13926	3.52	ng	# 1
70) Phenanthrene	11.54	178	758421	35.13	ng	98
71) Anthracene	11.58	178	181951	8.62	ng	98
72) Carbazole	11.74	167	132557	6.58	ng	# 97
73) Di-n-butylphthalate	12.08	149	50045	2.17	ng	98
74) Fluoranthene	12.73	202	1670776	79.13	ng	99
77) Pyrene	12.96	202	1416623	63.83	ng	99
79) Butylbenzylphthalate	13.57	149	26086	2.90	ng	# 91
80) Benzo(a)anthracene	14.15	228	755619	45.90	ng	97
82) Chrysene	14.18	228	562524	31.99	ng	97
83) Bis(2-ethylhexyl)phthalate	14.13	149	86470	7.64	ng	# 98
85) Indeno(1,2,3-cd)pyrene	17.14	276	254312	19.55	ng	96
87) Benzo(b)fluoranthene	15.21	252	878732	59.19	ng	# 94
88) Benzo(k)fluoranthene	15.21	252	878634	71.18	ng	# 93
89) Benzo(a)pyrene	15.59	252	419122	33.37	ng	96
90) Dibenzo(a,h)anthracene	17.15	278	52985	5.22	ng	# 73
91) Benzo(g,h,i)perylene	17.60	276	242011	23.56	ng	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

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CHA-SB-01-0-2

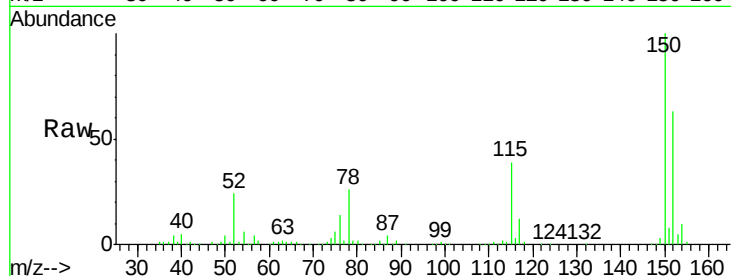
Tgt Ion:152 Resp: 166313

Ion Ratio Lower Upper

152 100

150 158.5 124.9 187.3

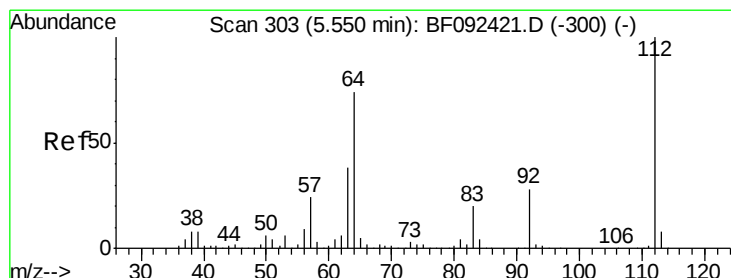
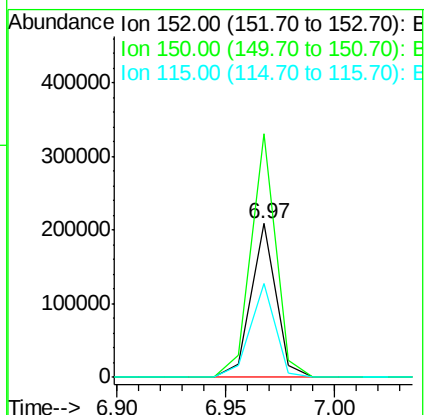
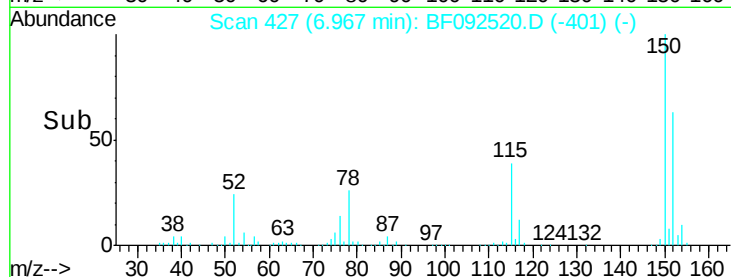
115 61.5 46.0 69.0



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: 100.80 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092520.D

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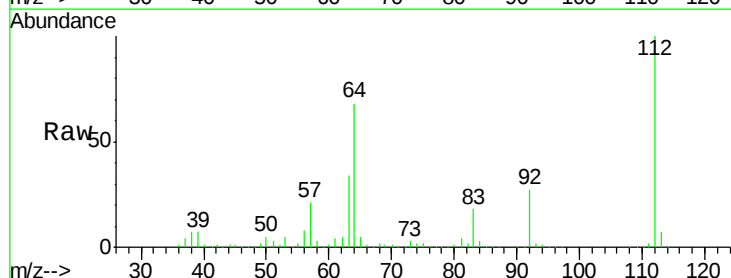
Tgt Ion:112 Resp: 1077507

Ion Ratio Lower Upper

112 100

64 67.7 46.1 69.1

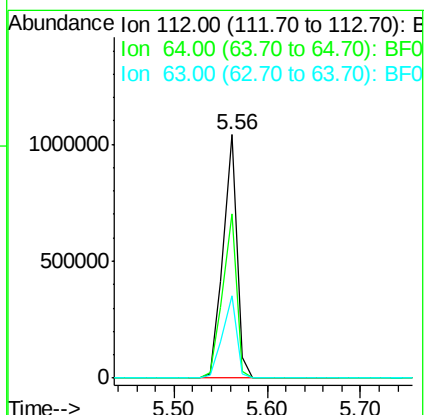
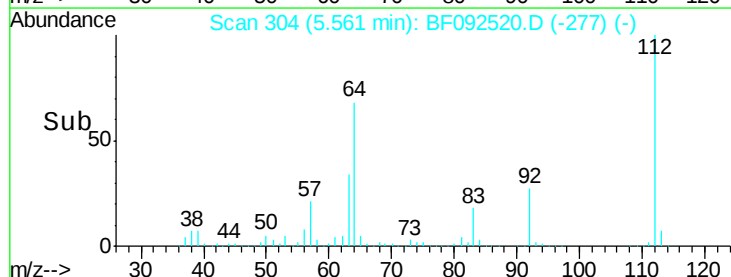
63 33.7 23.8 35.6

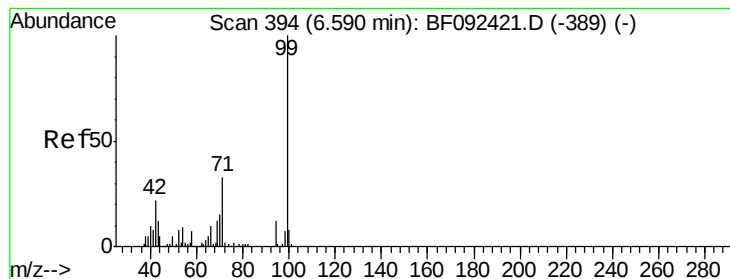


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.76 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092520.D

Acq: 26 Jan 2017 12:43

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2

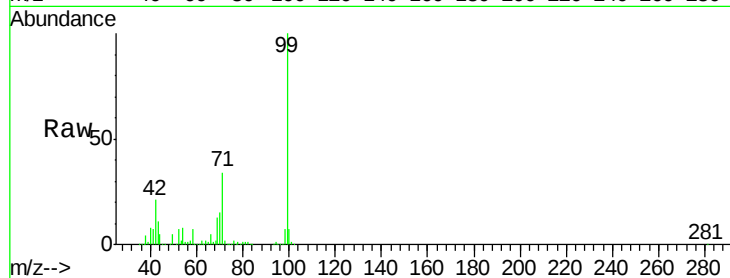
Tgt Ion: 99 Resp: 1331052

Ion Ratio Lower Upper

99 100

42 21.3 15.6 23.4

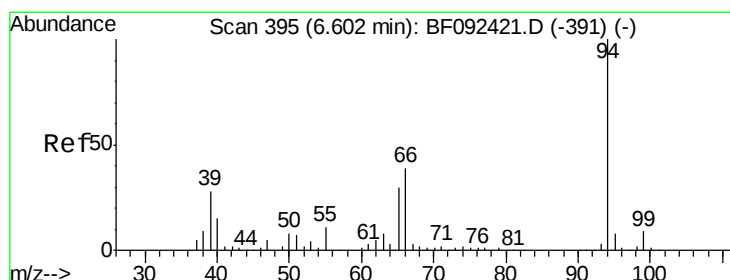
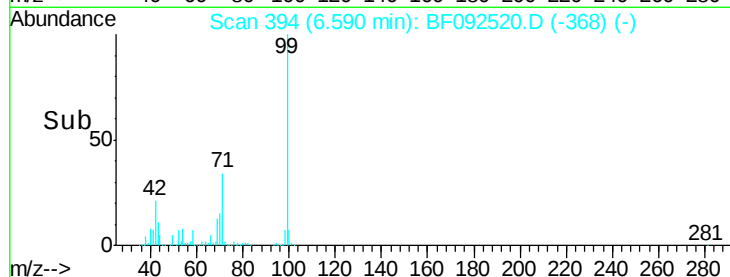
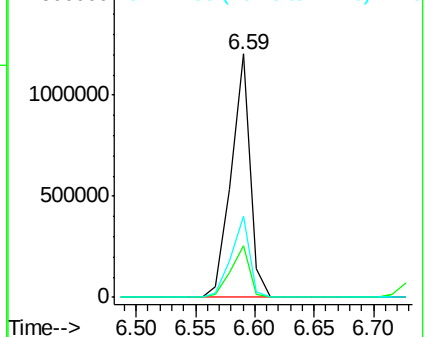
71 33.5 27.5 41.3



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: 6.72 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092520.D

Acq: 26 Jan 2017 12:43

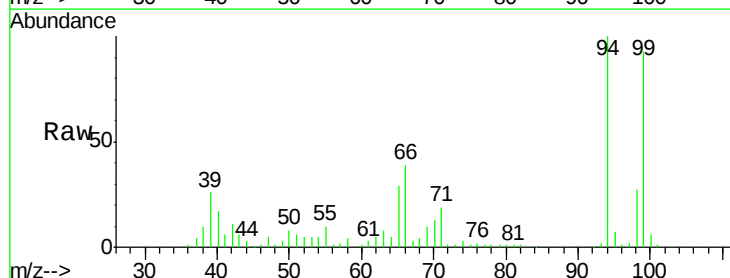
Tgt Ion: 94 Resp: 110404

Ion Ratio Lower Upper

94 100

65 29.4 21.4 61.4

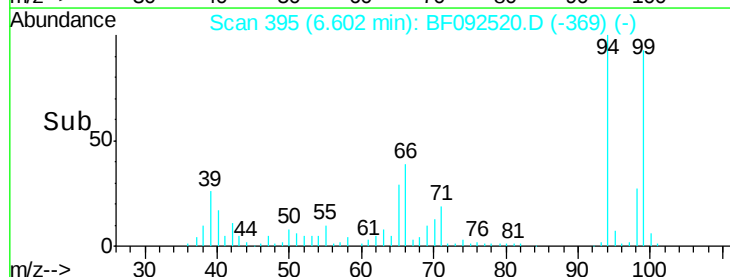
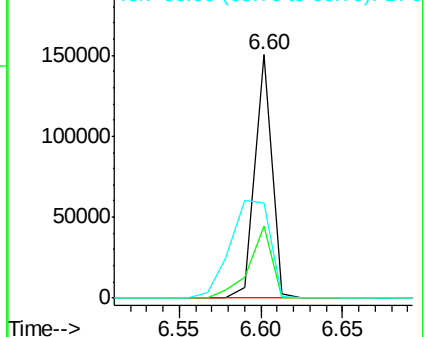
66 39.1 44.0 84.0#

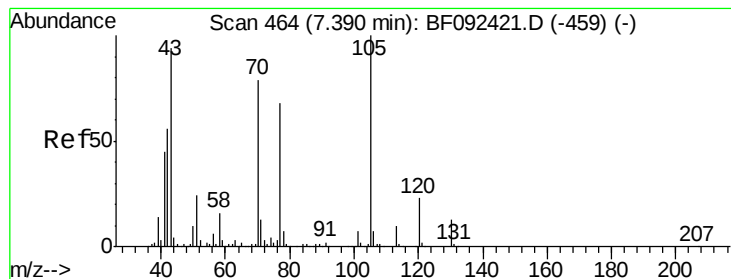


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 14.12 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF092520.D

Acq: 26 Jan 2017 12:43

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2

Tgt Ion: 70 Resp: 130903

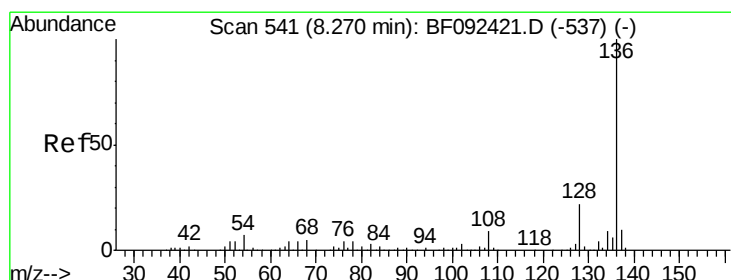
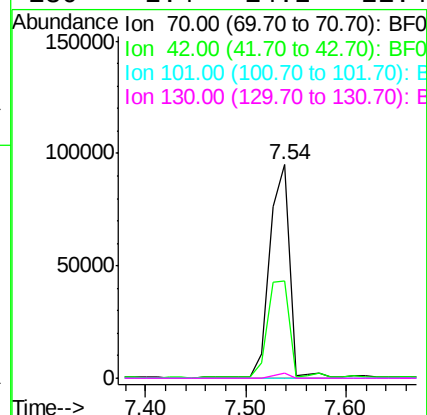
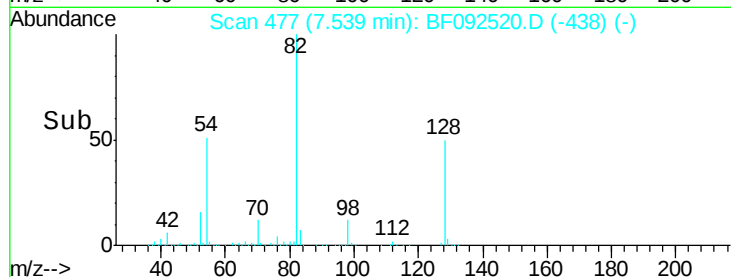
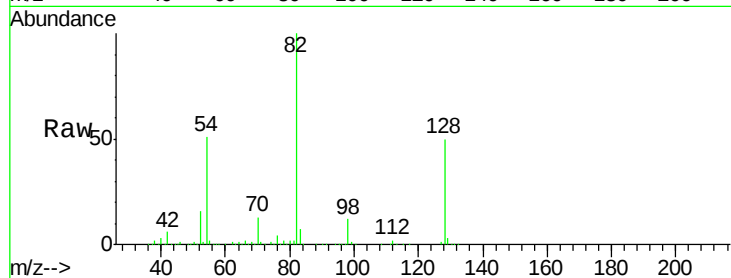
Ion Ratio Lower Upper

70 100

42 45.6 49.4 74.0#

101 0.0 7.4 11.2#

130 2.4 14.2 21.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092520.D

Acq: 26 Jan 2017 12:43

Tgt Ion: 136 Resp: 611496

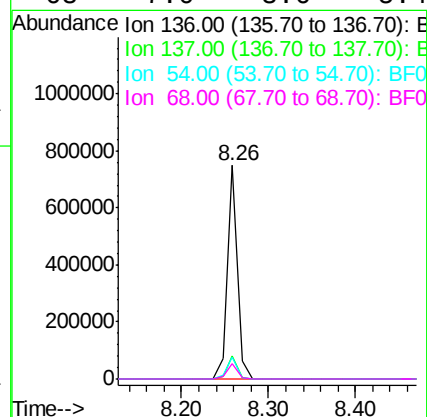
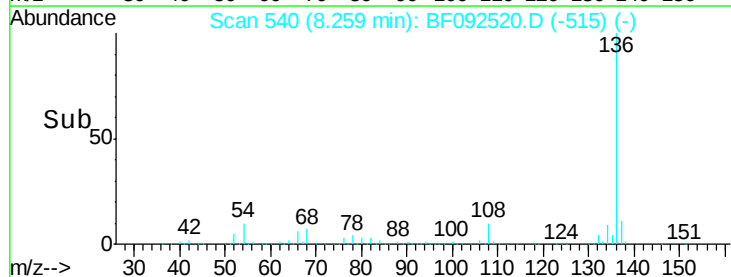
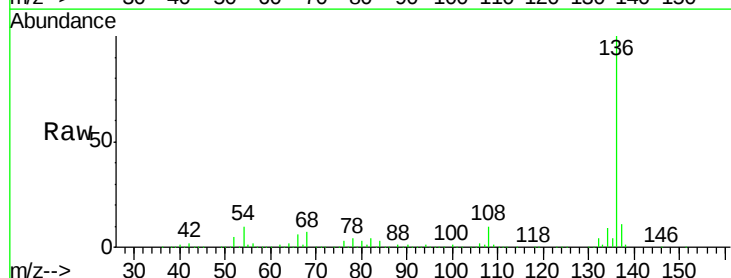
Ion Ratio Lower Upper

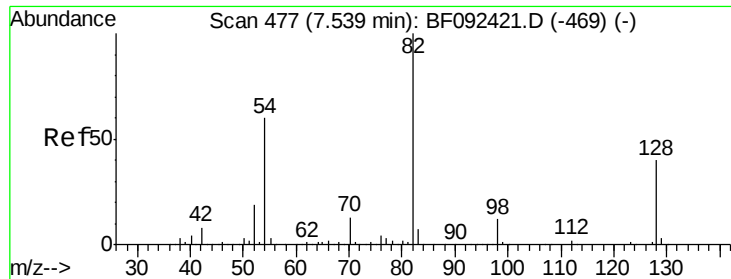
136 100

137 11.0 8.4 12.6

54 10.2 4.5 6.7#

68 7.0 3.6 5.4#

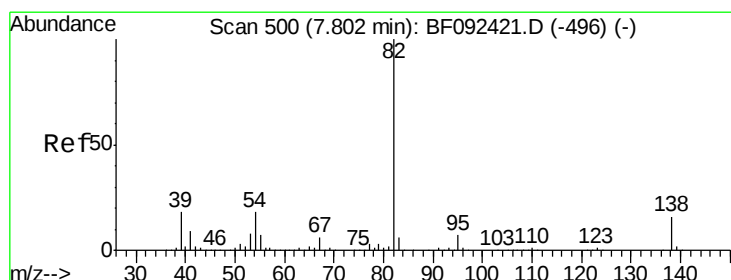
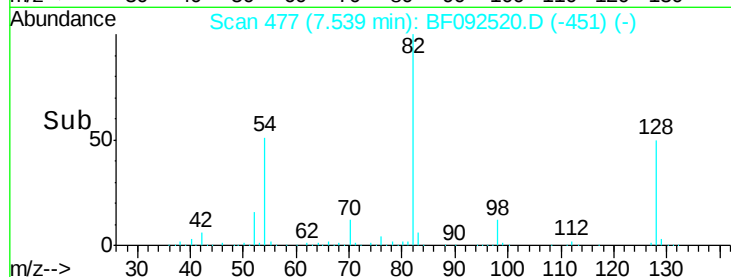
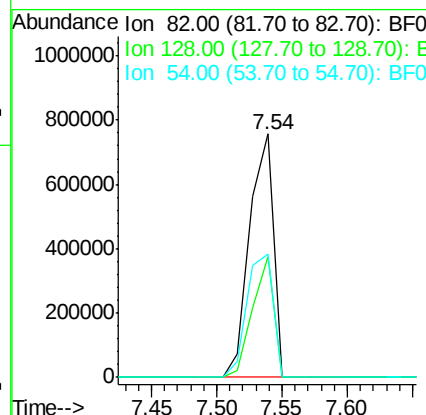
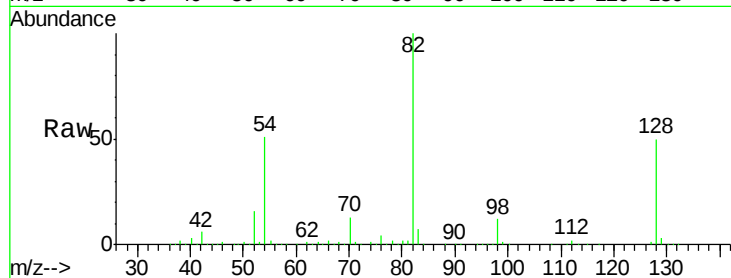




#23
Nitrobenzene-d5
Concen: 85.77 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092520.D
Acq: 26 Jan 2017 12:43

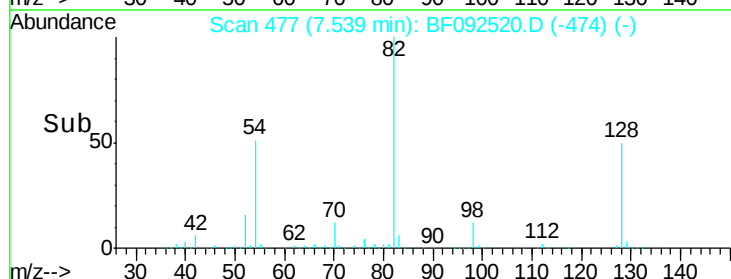
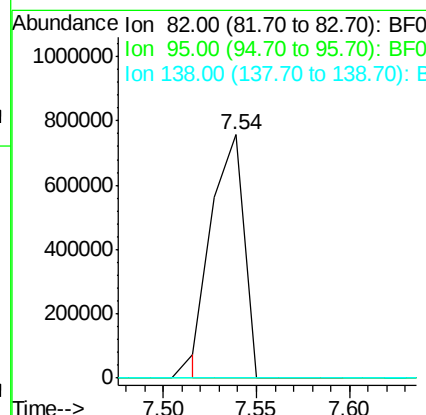
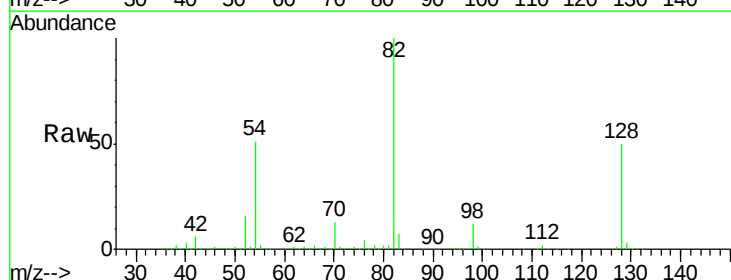
Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2

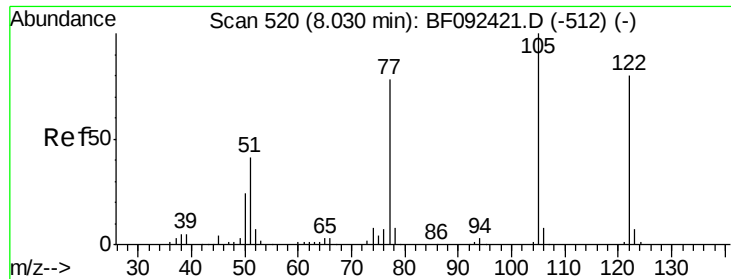
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.5	34.6	52.0
54	50.7	39.5	59.3



#25
Isophorone
Concen: 41.08 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF092520.D
Acq: 26 Jan 2017 12:43

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.6	22.0#

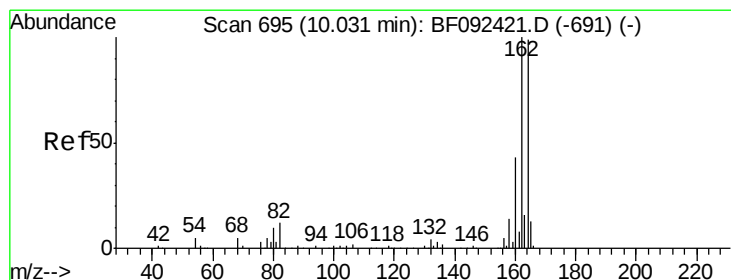
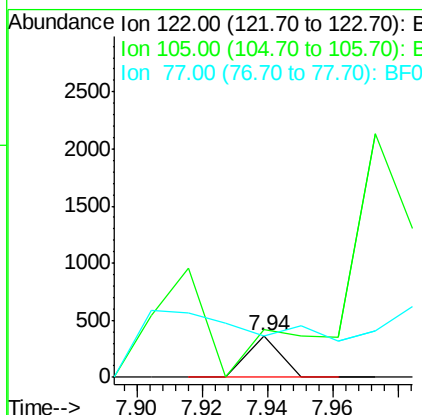
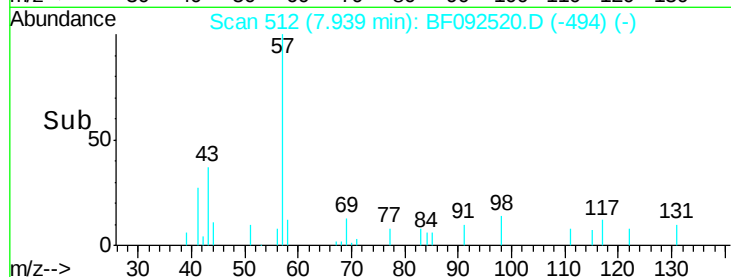
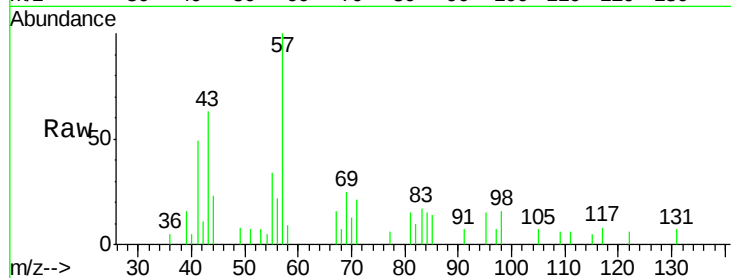




#32
Benzoic acid
Concen: 4.72 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.09 min
Lab File: BF092520.D
Acq: 26 Jan 2017 12:43

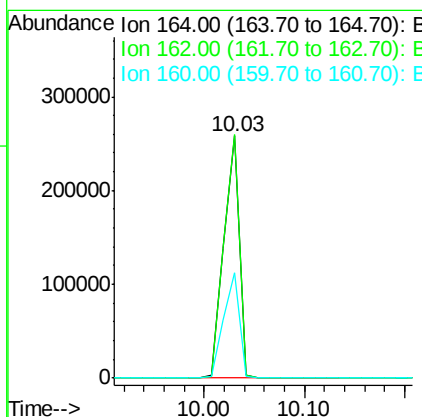
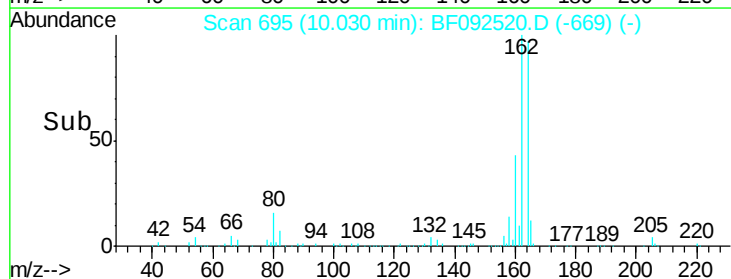
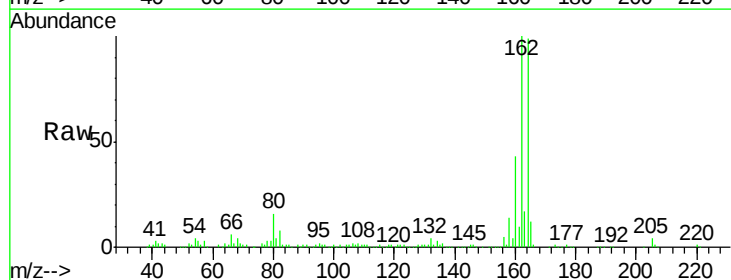
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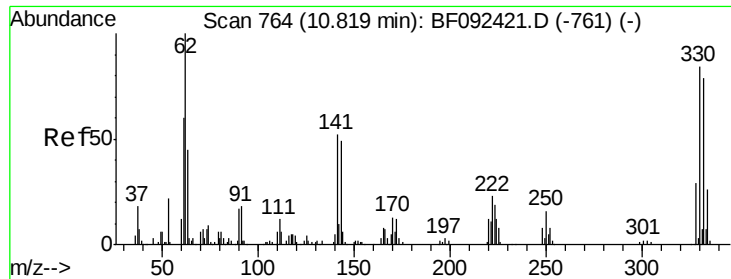
Tgt Ion:122 Resp: 252
Ion Ratio Lower Upper
122 100
105 113.1 107.2 147.2
77 98.9 74.5 114.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092520.D
Acq: 26 Jan 2017 12:43

Tgt Ion:164 Resp: 279026
Ion Ratio Lower Upper
164 100
162 100.6 80.2 120.2
160 43.4 36.9 55.3

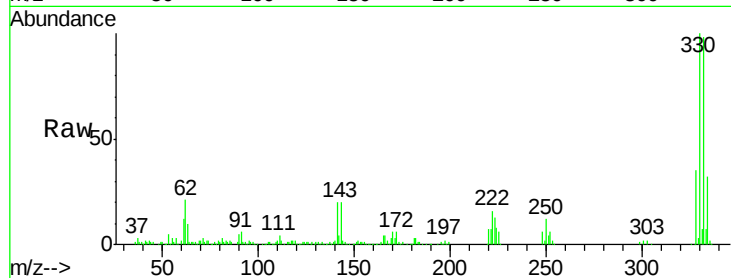




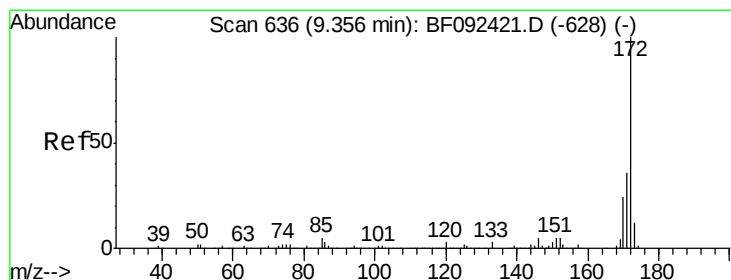
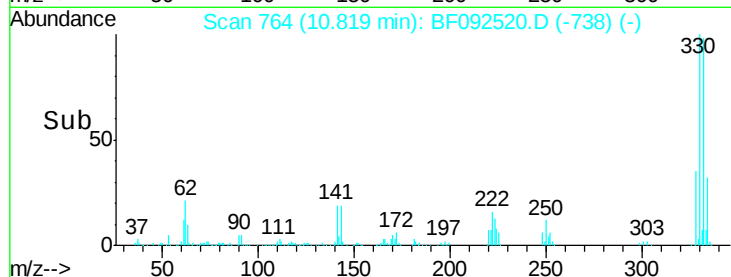
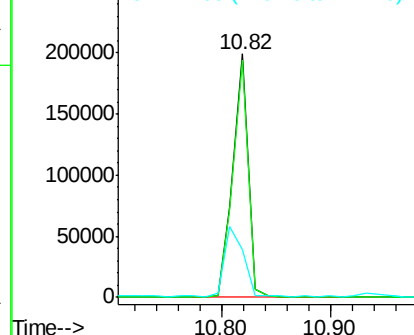
#41
 2,4,6-Tribromophenol
 Concen: 102.63 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092520.D
 Acq: 26 Jan 2017 12:43

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2

Tgt Ion:330 Resp: 195154
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 36.1 34.1 51.1

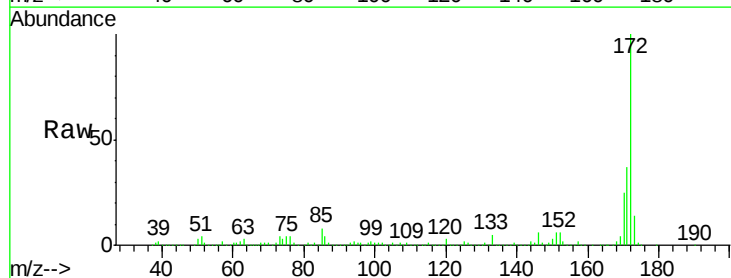


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

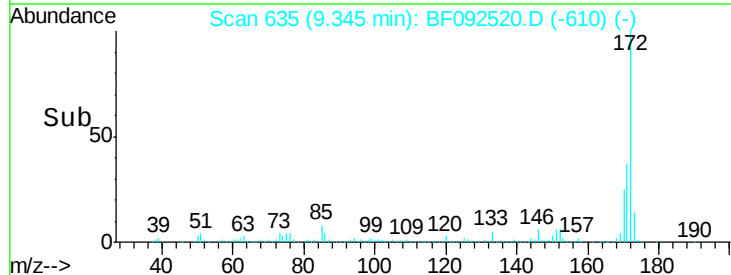
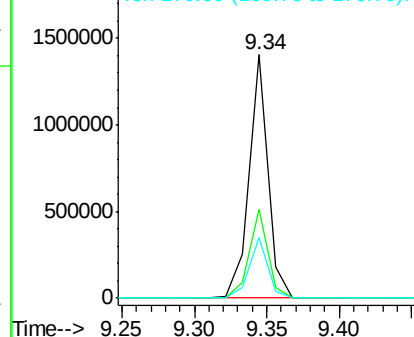


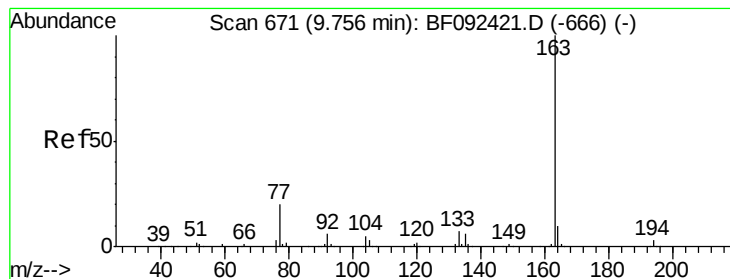
#44
 2-Fluorobiphenyl
 Concen: 84.19 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092520.D
 Acq: 26 Jan 2017 12:43

Tgt Ion:172 Resp: 1270427
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.6 20.2 30.4



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





#49

Dimethylphthalate

Concen: 4.95 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF092520.D

Acq: 26 Jan 2017 12:43

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2

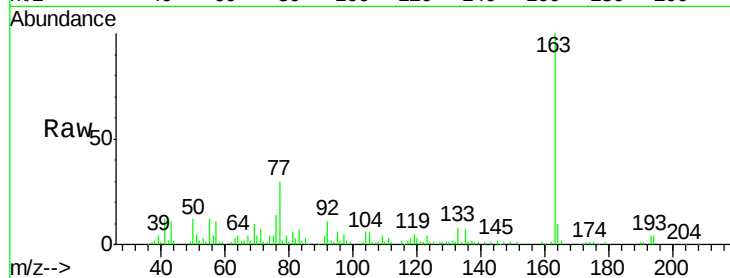
Tgt Ion:163 Resp: 87882

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

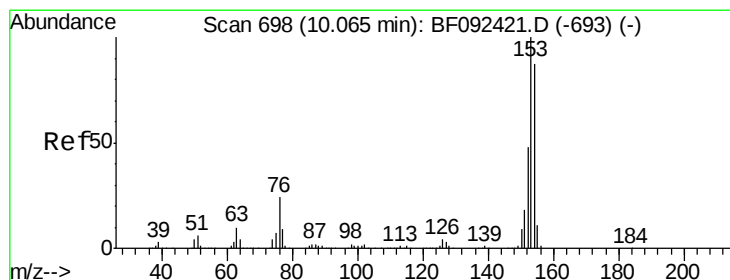
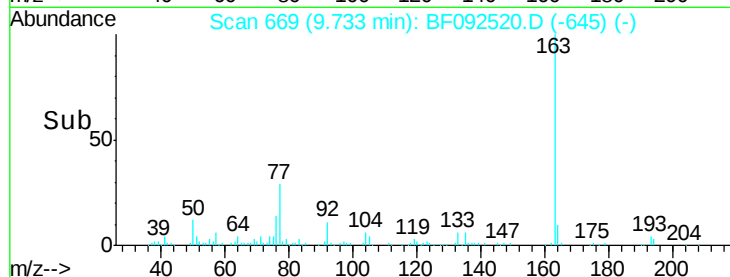
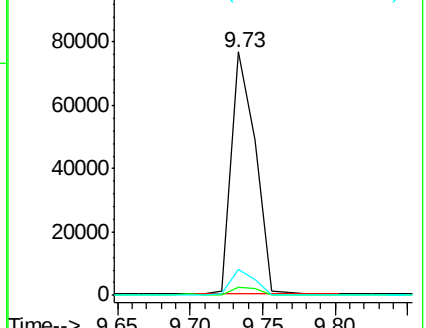
164 10.4 8.0 12.0



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: 2.26 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF092520.D

Acq: 26 Jan 2017 12:43

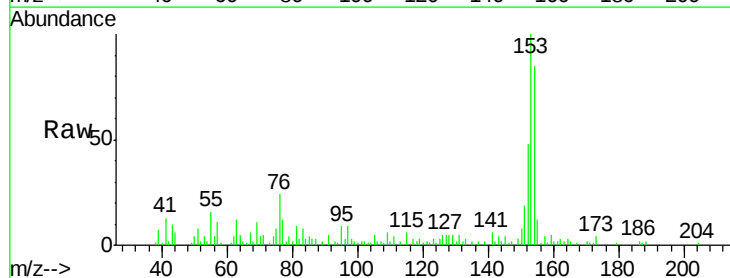
Tgt Ion:154 Resp: 33998

Ion Ratio Lower Upper

154 100

153 117.6 88.6 133.0

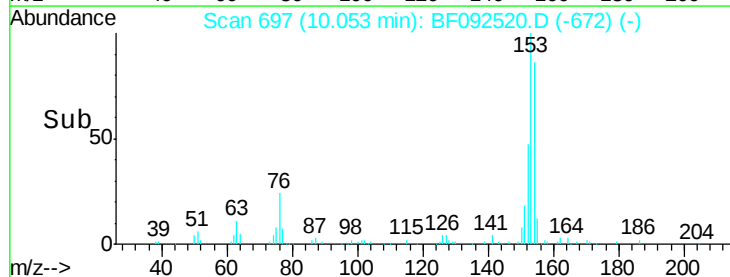
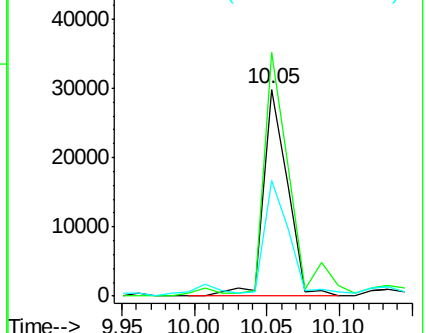
152 55.8 41.6 62.4

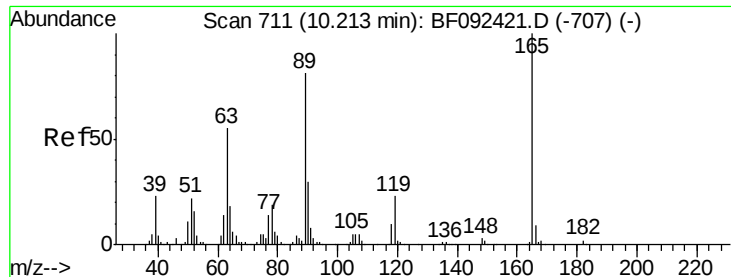


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

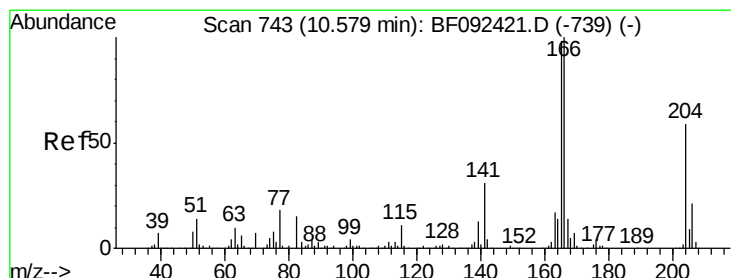
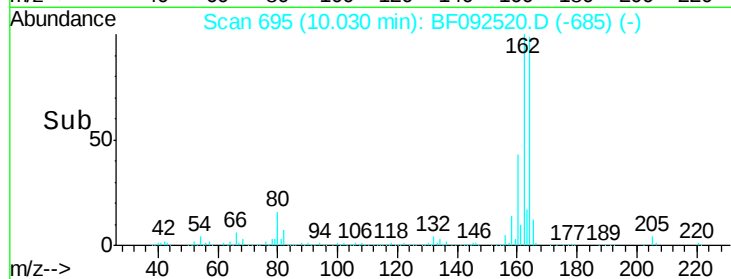
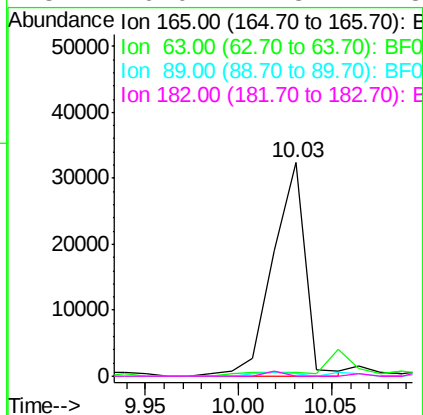
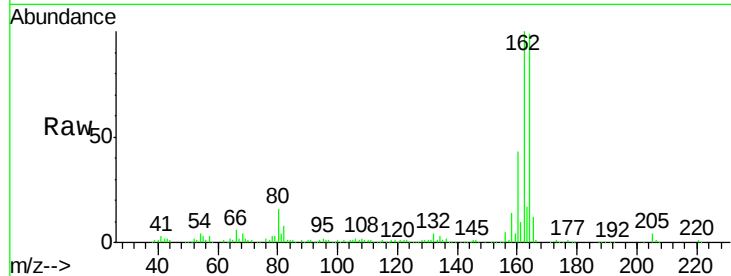




#56
2,4-Dinitrotoluene
Concen: 8.08 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092520.D
Acq: 26 Jan 2017 12:43

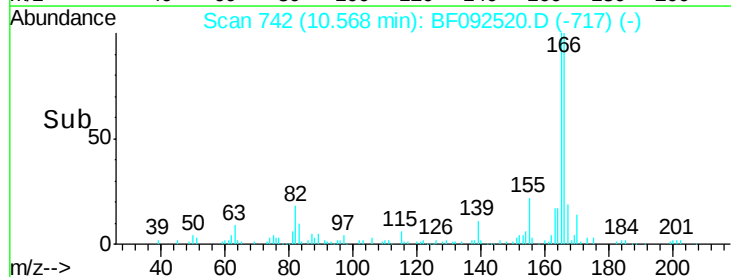
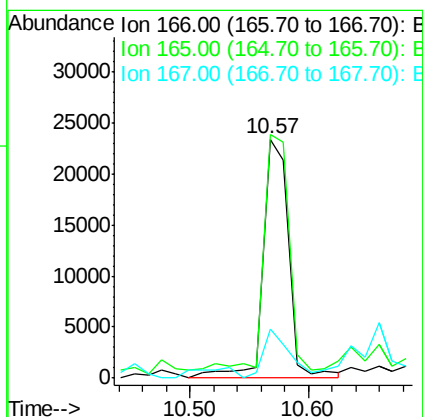
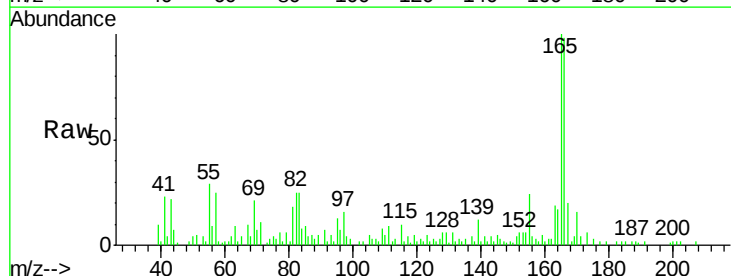
Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2

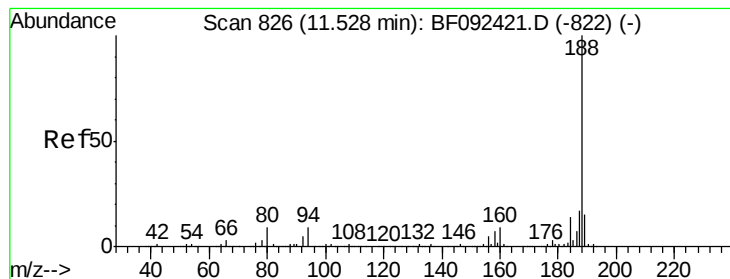
Tgt Ion:165 Resp: 38898
Ion Ratio Lower Upper
165 100
63 1.5 40.2 60.4#
89 1.2 62.5 93.7#
182 0.0 1.8 2.8#



#57
Fluorene
Concen: 2.34 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF092520.D
Acq: 26 Jan 2017 12:43

Tgt Ion:166 Resp: 35339
Ion Ratio Lower Upper
166 100
165 101.9 77.8 116.8
167 20.3 10.8 16.2#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092520.D

Acq: 26 Jan 2017 12:43

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2

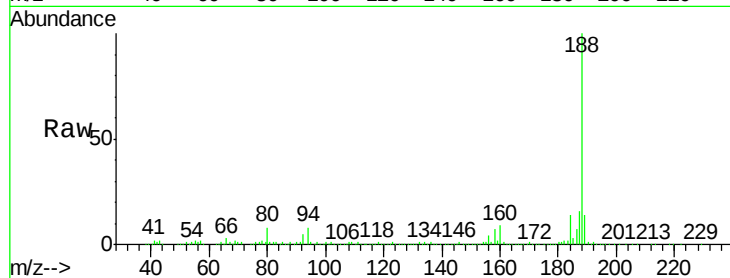
Tgt Ion:188 Resp: 391998

Ion Ratio Lower Upper

188 100

94 8.4 10.0 15.0#

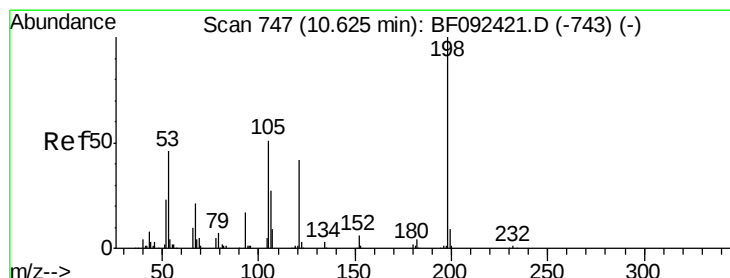
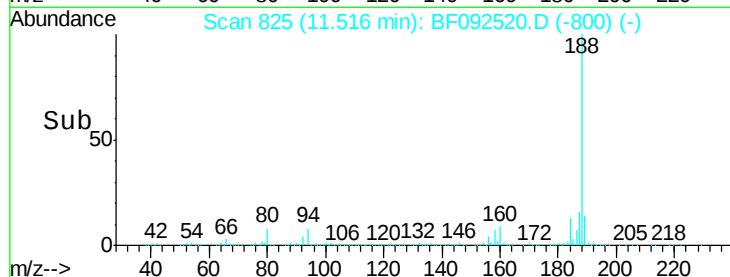
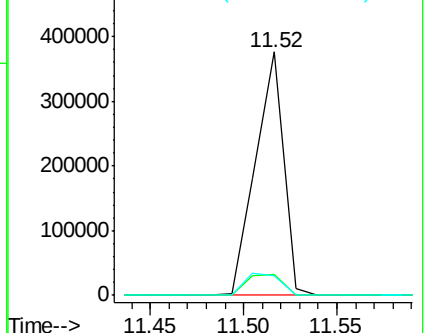
80 8.1 11.2 16.8#



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: 5.18 ng

RT: 10.81 min Scan# 763

Delta R.T. 0.18 min

Lab File: BF092520.D

Acq: 26 Jan 2017 12:43

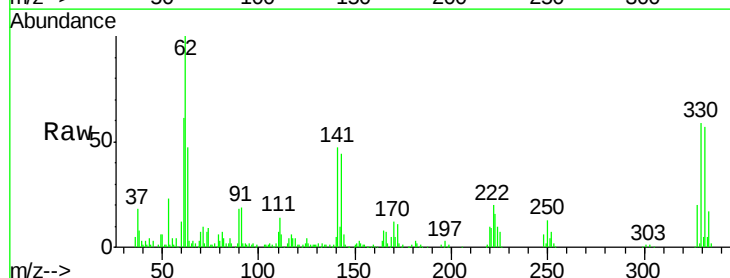
Tgt Ion:198 Resp: 531

Ion Ratio Lower Upper

198 100

51 340.0 6.7 46.7#

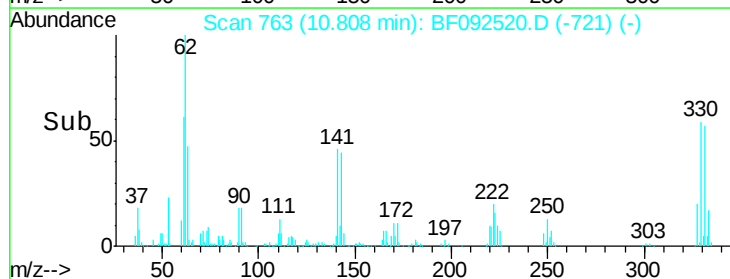
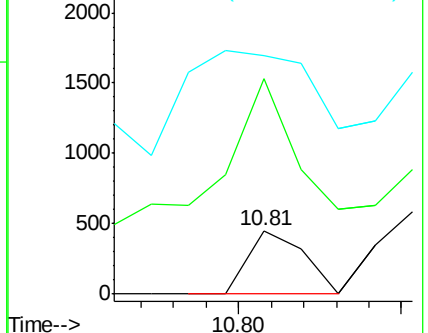
105 375.8 16.6 56.6#

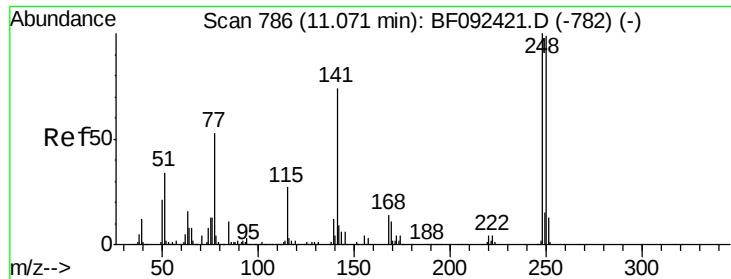


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

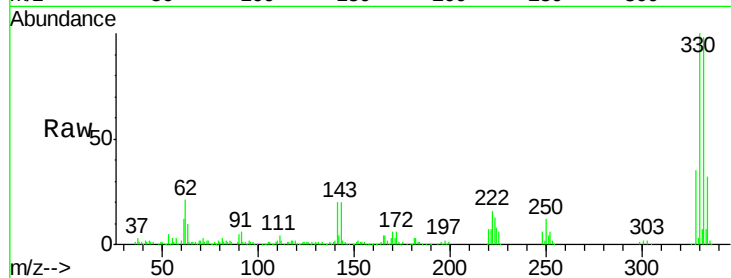




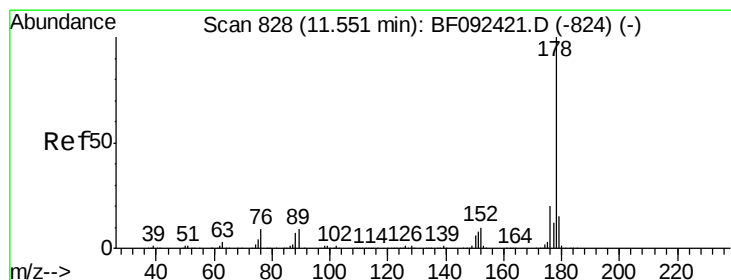
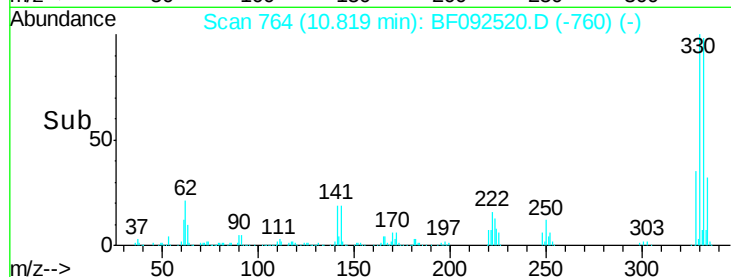
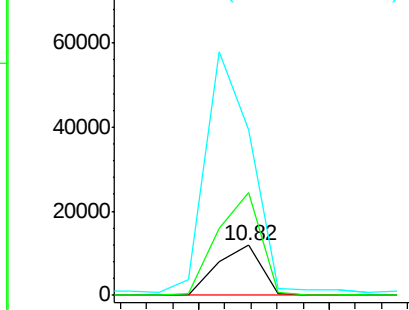
#66
 4-Bromophenyl-phenylether
 Concen: 3.52 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.25 min
 Lab File: BF092520.D
 Acq: 26 Jan 2017 12:43

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2

Tgt Ion: 248 Resp: 13926
 Ion Ratio Lower Upper
 248 100
 250 206.1 76.9 115.3#
 141 331.1 68.2 102.4#

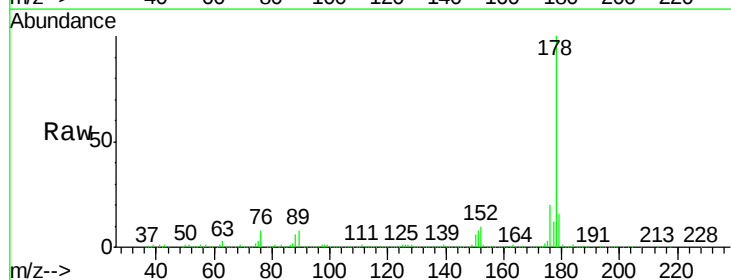


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

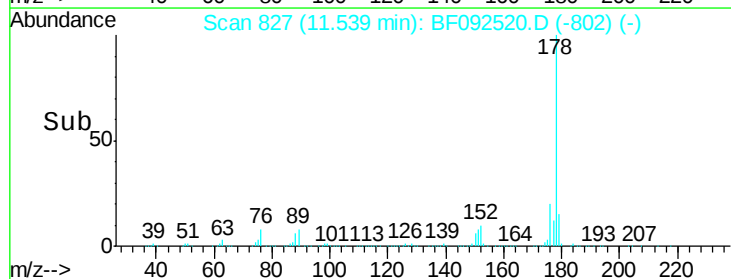
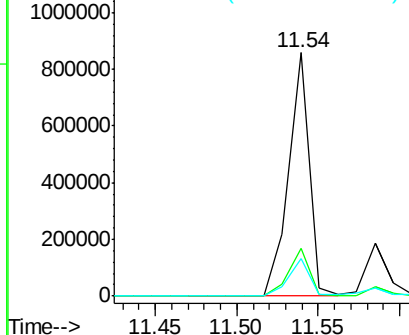


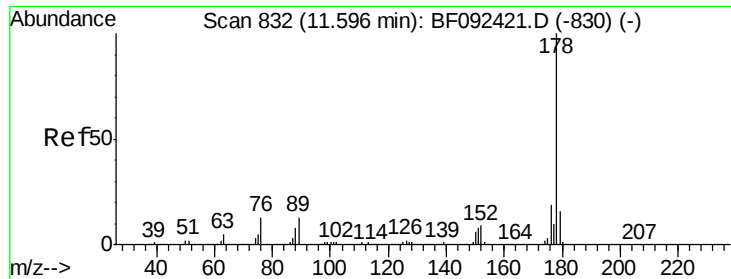
#70
 Phenanthrene
 Concen: 35.13 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092520.D
 Acq: 26 Jan 2017 12:43

Tgt Ion: 178 Resp: 758421
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 15.5 12.8 19.2



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

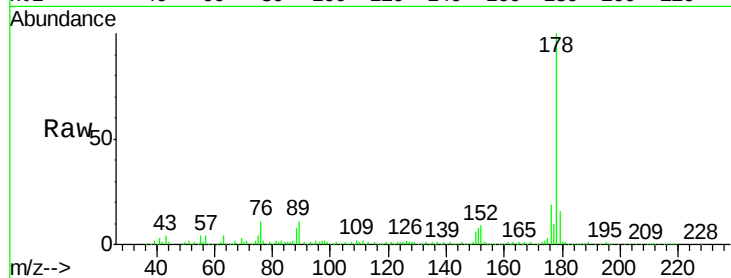




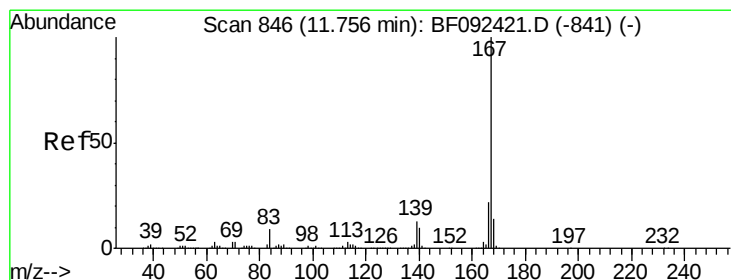
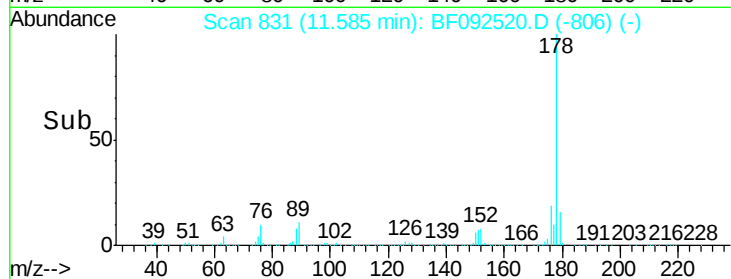
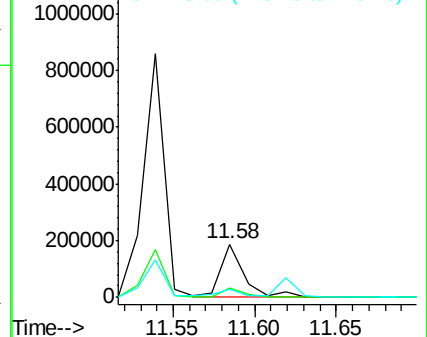
#71
 Anthracene
 Concen: 8.62 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF092520.D
 Acq: 26 Jan 2017 12:43

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2

Tgt Ion:178 Resp: 181951
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.9 23.9
 179 15.8 13.2 19.8

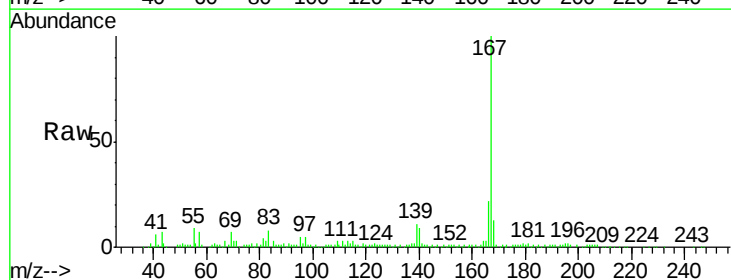


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

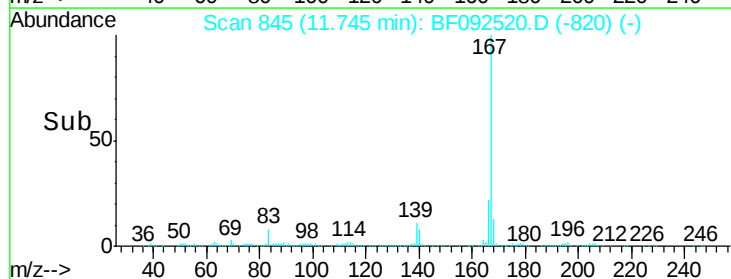
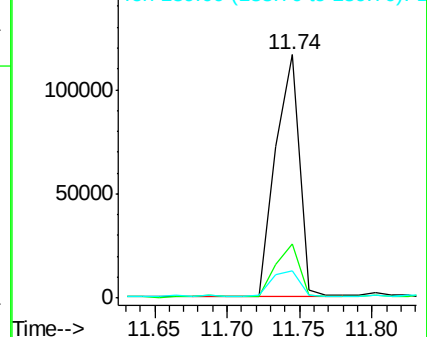


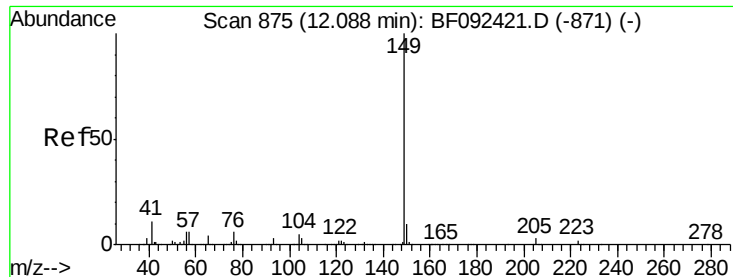
#72
 Carbazole
 Concen: 6.58 ng
 RT: 11.74 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF092520.D
 Acq: 26 Jan 2017 12:43

Tgt Ion:167 Resp: 132557
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 11.2 11.4 17.2#



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





#73

Di-n-butylphthalate

Concen: 2.17 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092520.D

Acq: 26 Jan 2017 12:43

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2

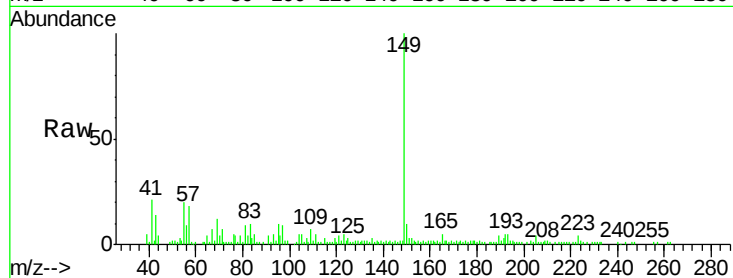
Tgt Ion:149 Resp: 50045

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

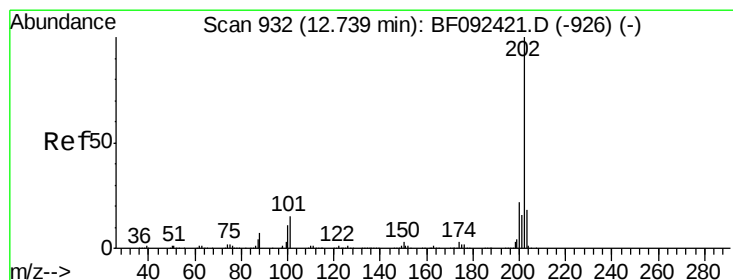
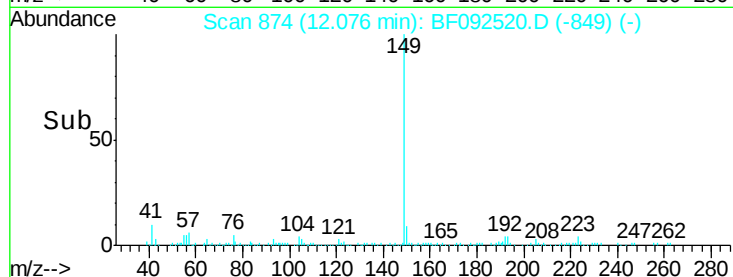
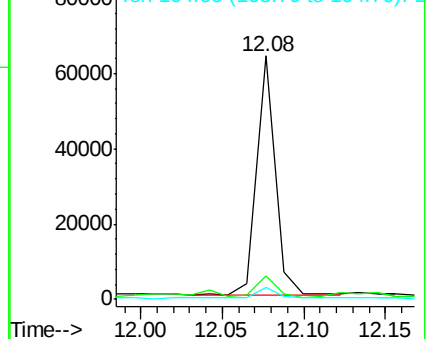
104 4.7 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 79.13 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092520.D

Acq: 26 Jan 2017 12:43

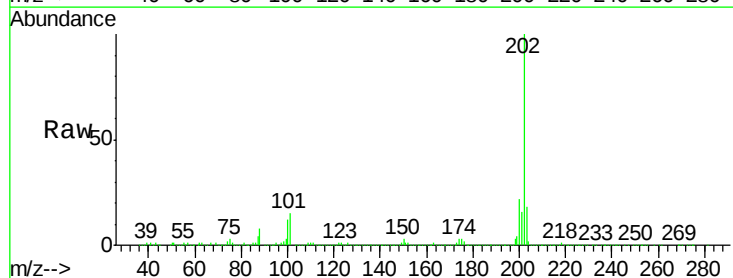
Tgt Ion:202 Resp: 1670776

Ion Ratio Lower Upper

202 100

101 15.4 0.0 34.6

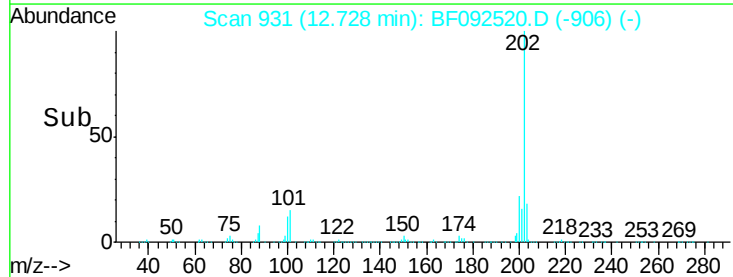
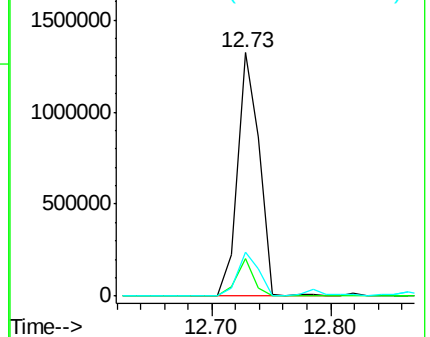
203 18.2 0.0 38.7

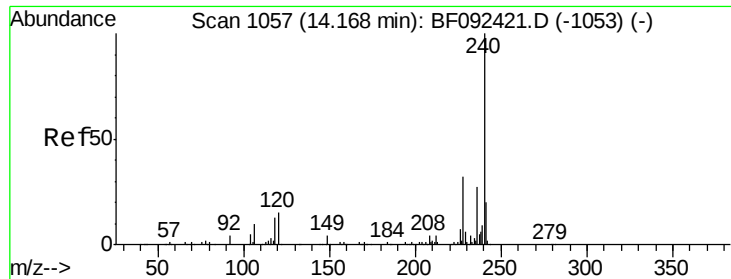


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092520.D

Acq: 26 Jan 2017 12:43

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2

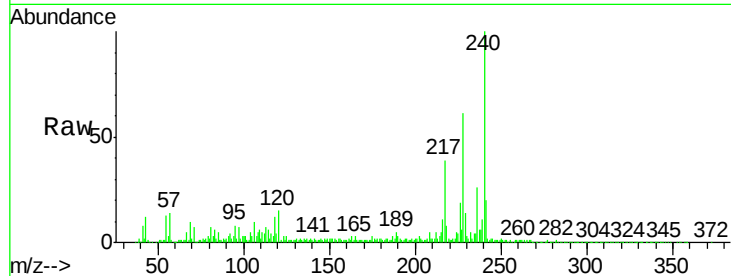
Tgt Ion:240 Resp: 306330

Ion Ratio Lower Upper

240 100

120 14.6 12.9 19.3

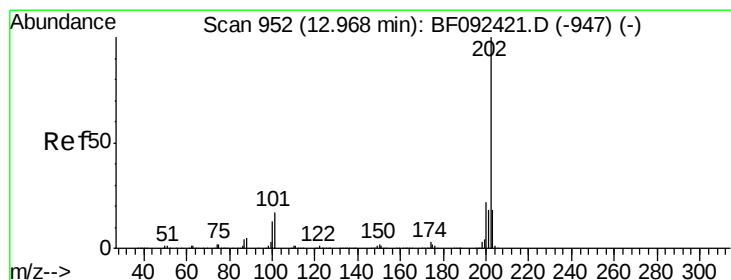
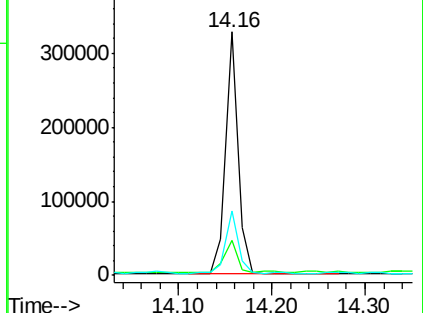
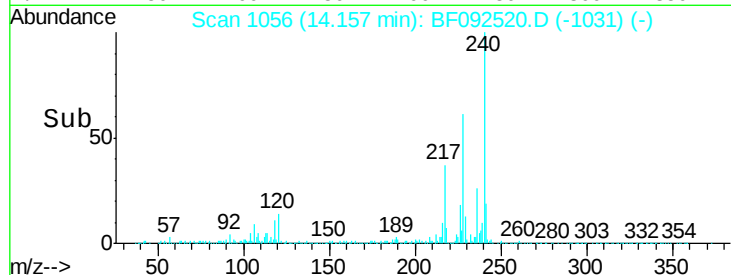
236 26.4 20.9 31.3



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: 63.83 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF092520.D

Acq: 26 Jan 2017 12:43

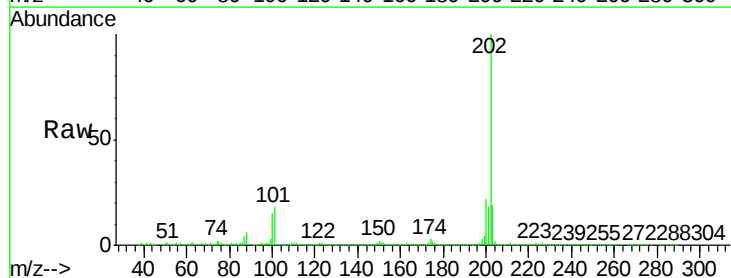
Tgt Ion:202 Resp: 1416623

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

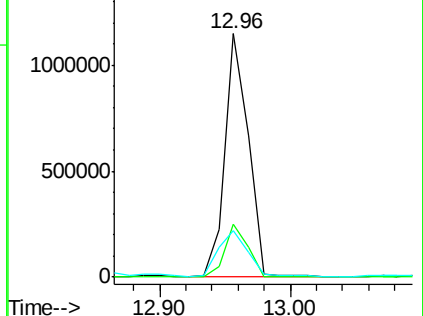
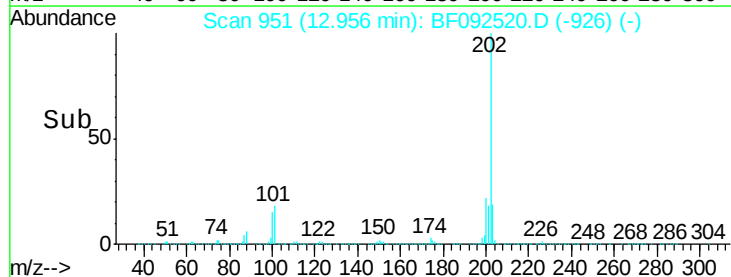
203 19.0 14.7 22.1

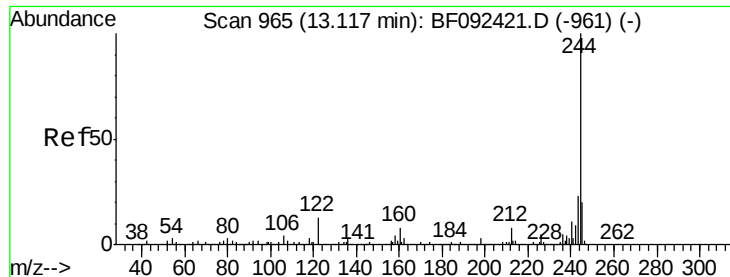


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 87.29 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092520.D

Acq: 26 Jan 2017 12:43

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2

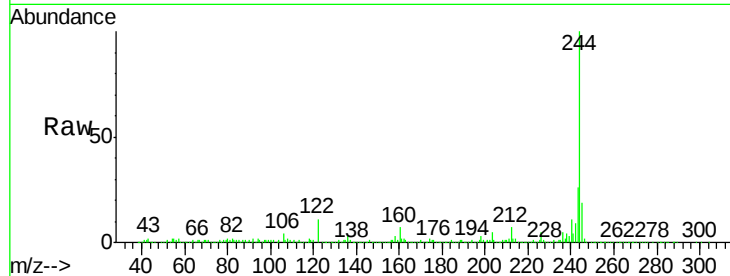
Tgt Ion:244 Resp: 1004116

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

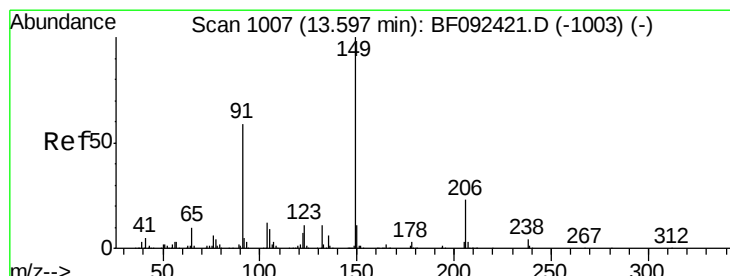
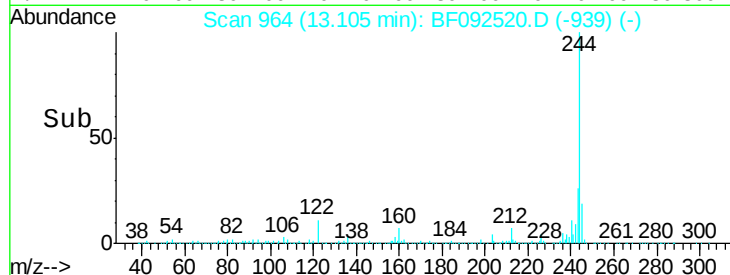
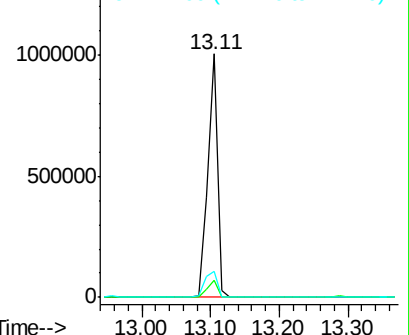
122 10.8 11.4 17.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 2.90 ng

RT: 13.57 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF092520.D

Acq: 26 Jan 2017 12:43

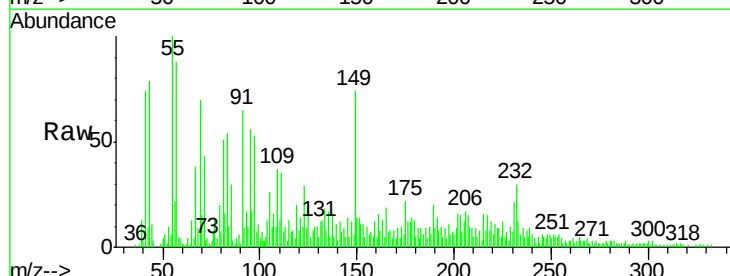
Tgt Ion:149 Resp: 26086

Ion Ratio Lower Upper

149 100

91 87.7 63.9 95.9

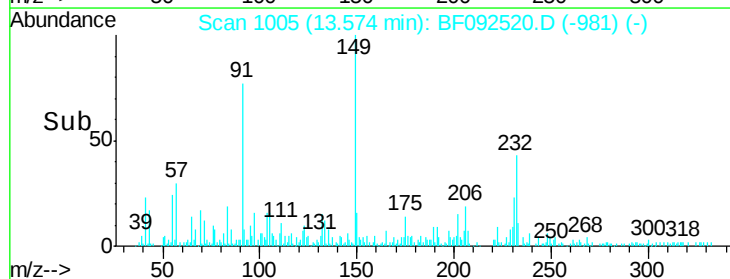
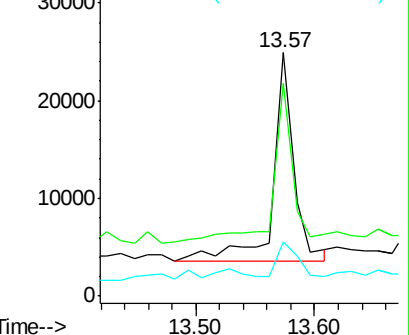
206 22.5 14.6 21.8#

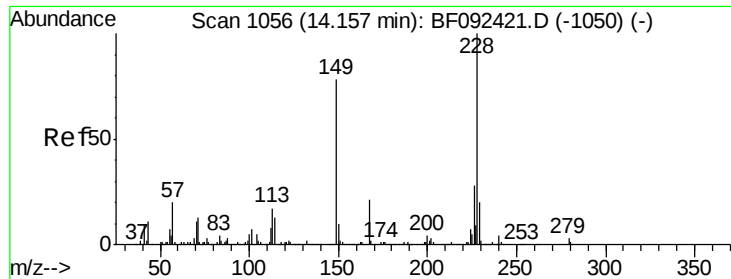


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 45.90 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092520.D

Acq: 26 Jan 2017 12:43

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2

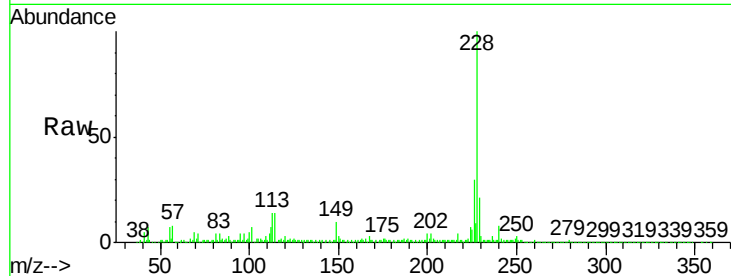
Tgt Ion:228 Resp: 755619

Ion Ratio Lower Upper

228 100

226 29.8 22.4 33.6

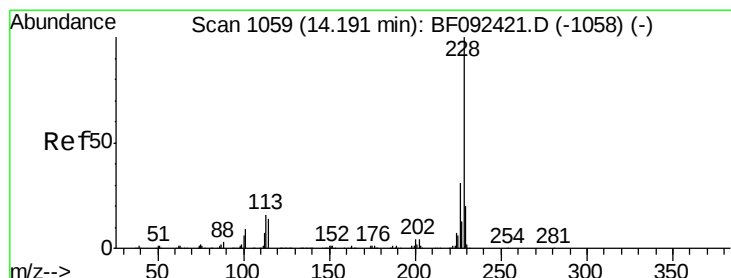
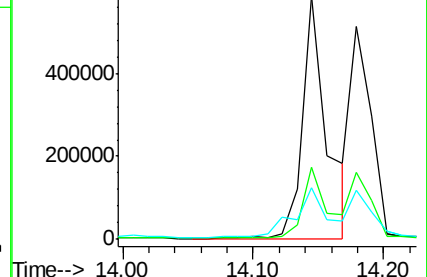
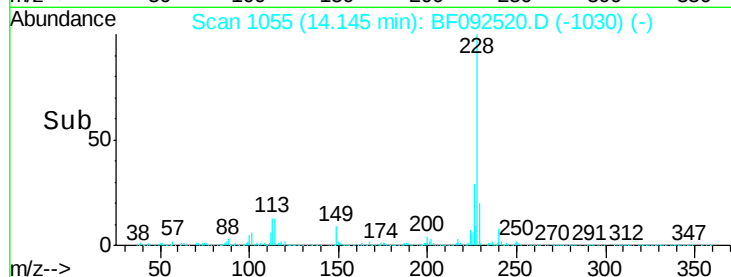
229 21.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 31.99 ng

RT: 14.18 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF092520.D

Acq: 26 Jan 2017 12:43

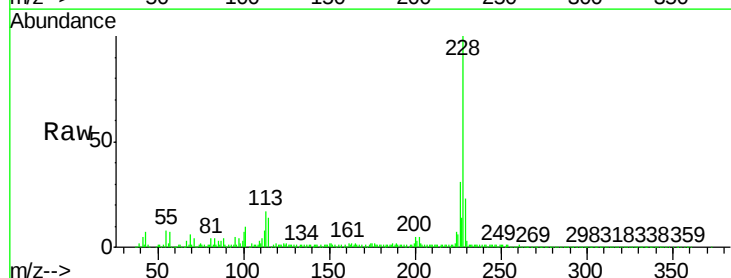
Tgt Ion:228 Resp: 562524

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

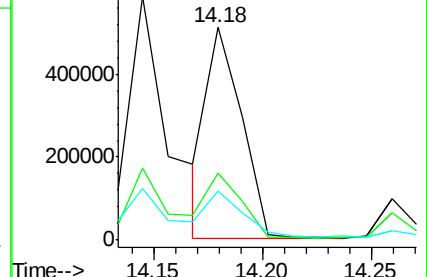
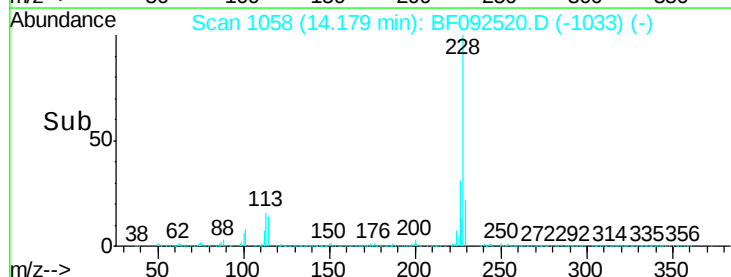
229 23.3 16.2 24.2

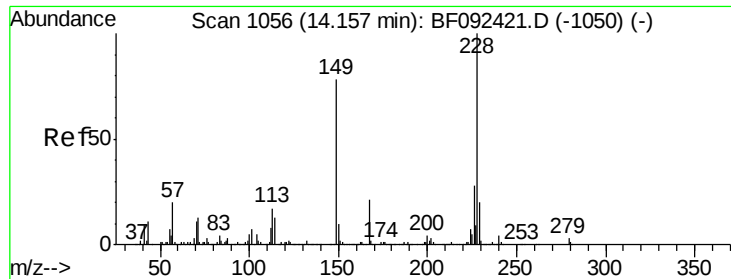


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

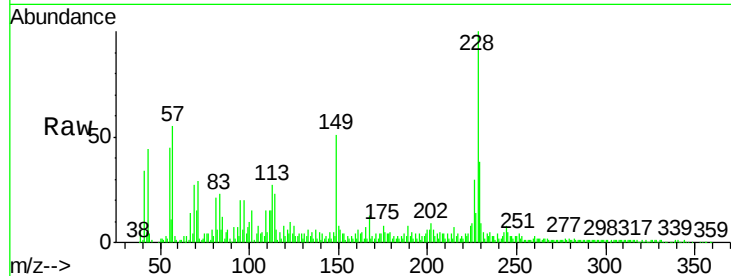




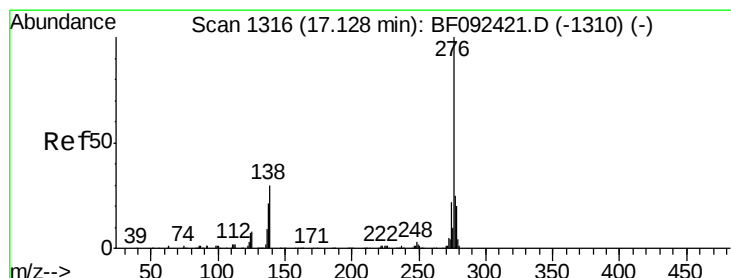
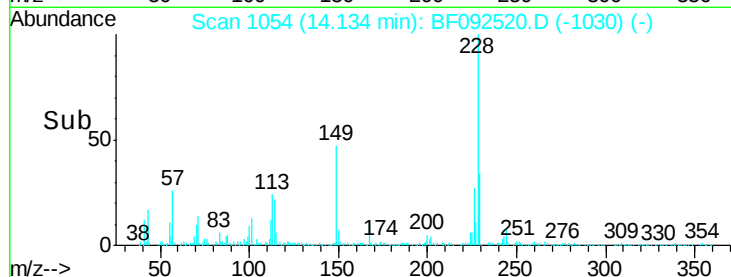
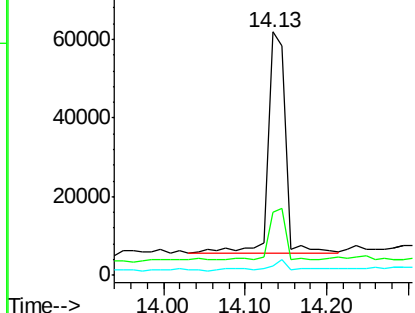
#83
Bis(2-ethylhexyl)phthalate
Concen: 7.64 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BF092520.D
Acq: 26 Jan 2017 12:43

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2

Tgt Ion:149 Resp: 86470
Ion Ratio Lower Upper
149 100
167 26.1 20.2 30.4
279 3.9 1.8 2.8#

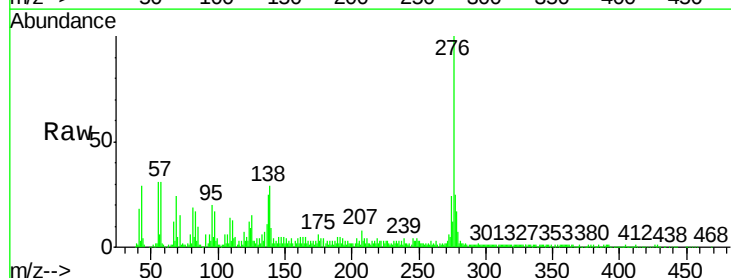


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

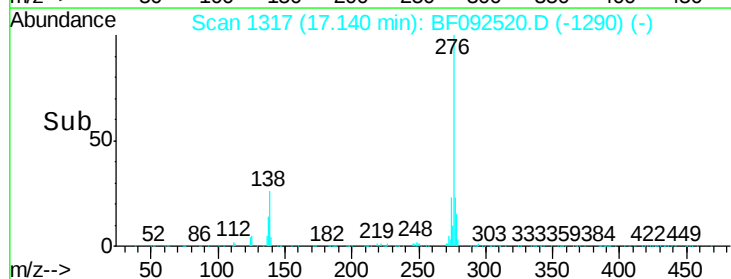
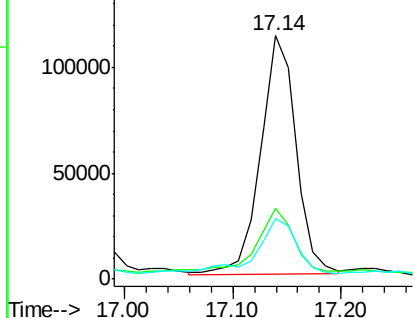


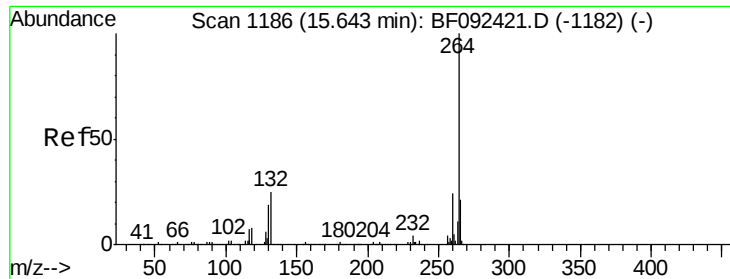
#85
Indeno(1,2,3-cd)pyrene
Concen: 19.55 ng
RT: 17.14 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF092520.D
Acq: 26 Jan 2017 12:43

Tgt Ion:276 Resp: 254312
Ion Ratio Lower Upper
276 100
138 28.9 21.8 32.6
277 27.7 20.2 30.4



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

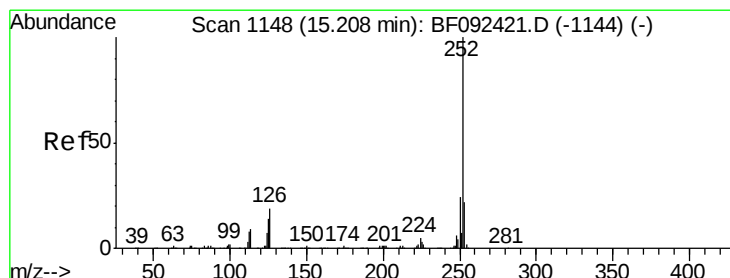
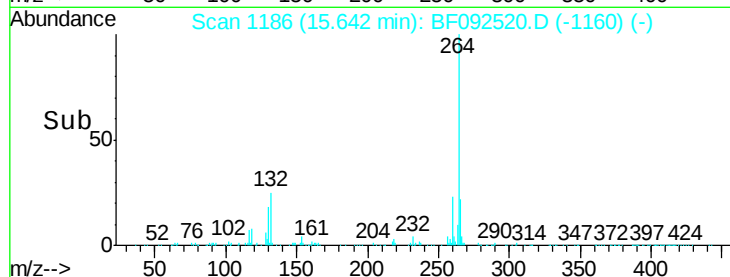
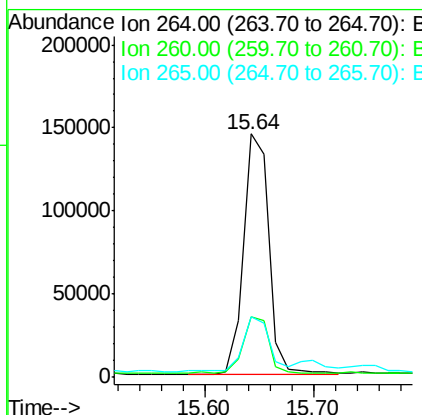
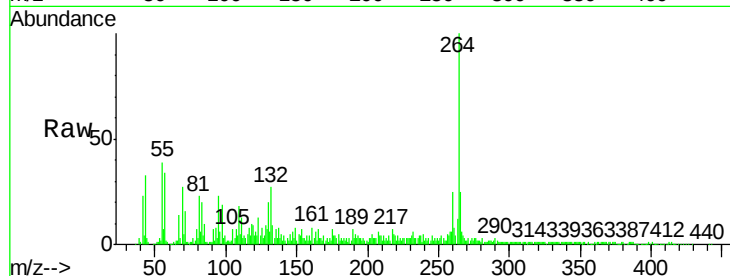




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.64 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF092520.D
Acq: 26 Jan 2017 12:43

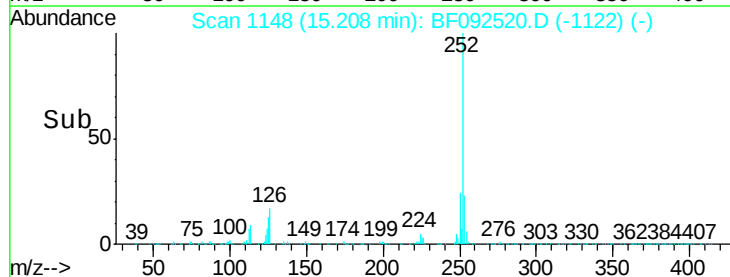
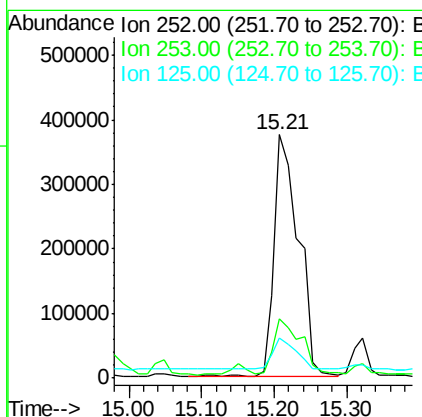
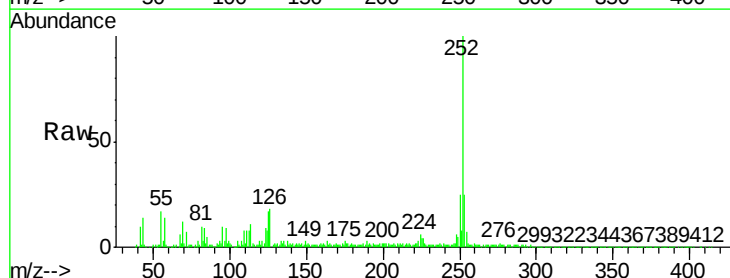
Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2

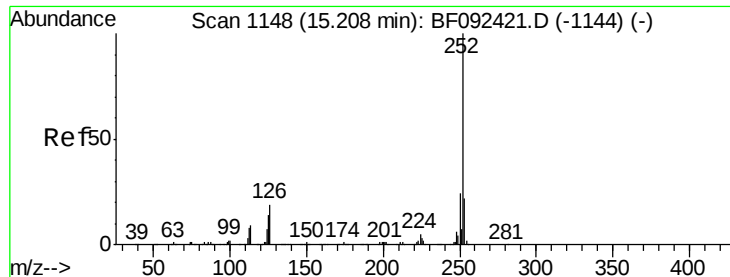
Tgt Ion:264 Resp: 231243
Ion Ratio Lower Upper
264 100
260 25.0 19.2 28.8
265 24.8 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 59.19 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF092520.D
Acq: 26 Jan 2017 12:43

Tgt Ion:252 Resp: 878732
Ion Ratio Lower Upper
252 100
253 24.5 18.2 27.4
125 16.7 9.8 14.6#

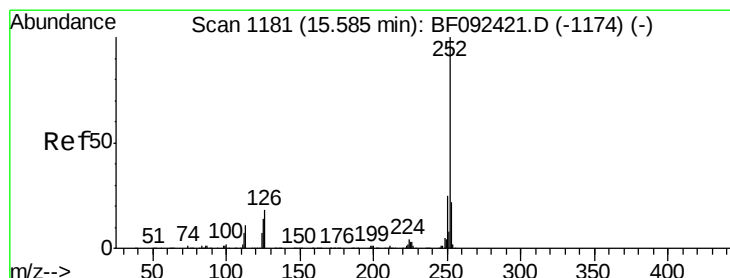
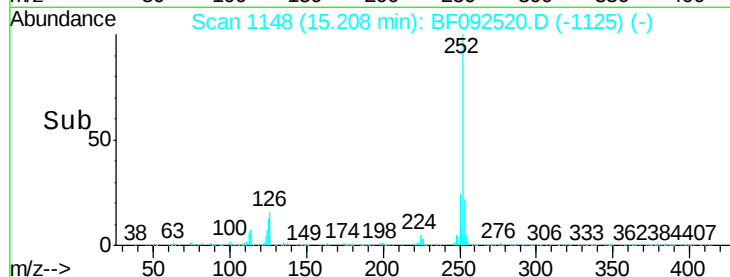
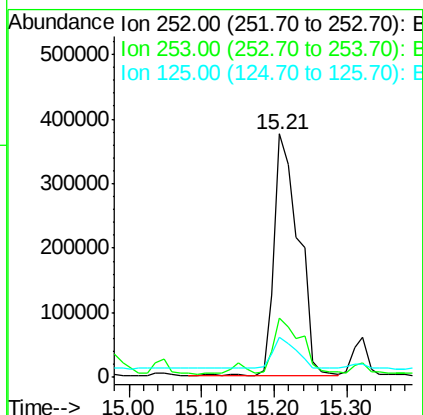
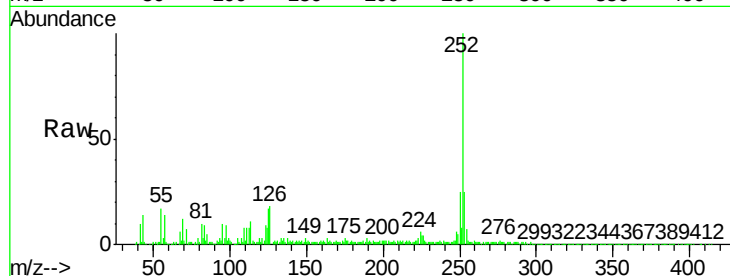




#88
Benzo(k)fluoranthene
Concen: 71.18 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.03 min
Lab File: BF092520.D
Acq: 26 Jan 2017 12:43

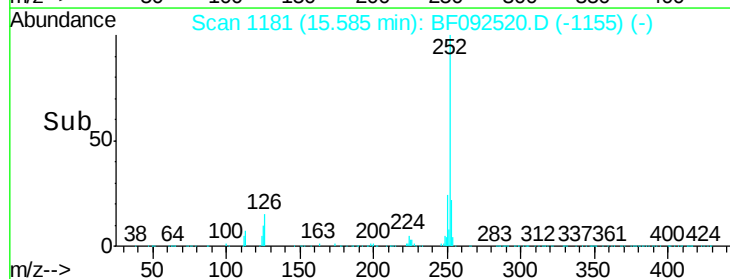
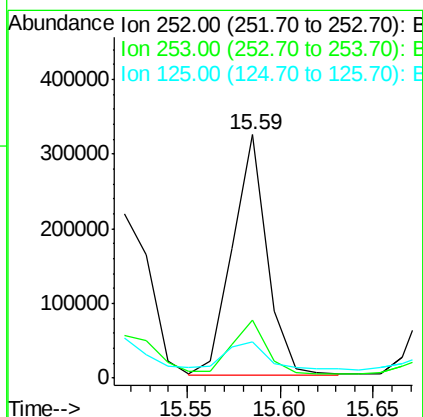
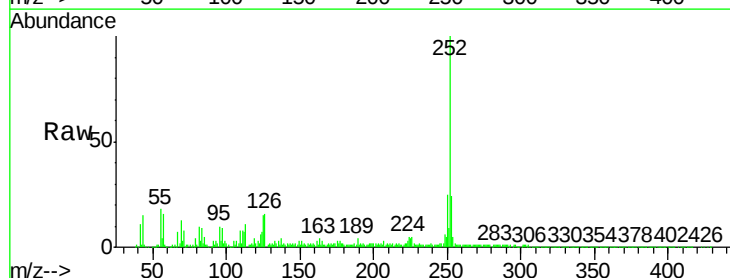
Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2

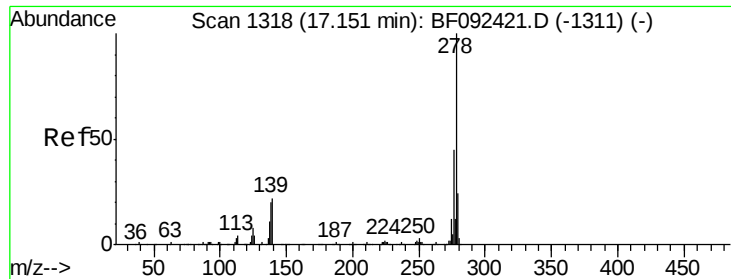
Tgt Ion:252 Resp: 878634
Ion Ratio Lower Upper
252 100
253 24.5 18.5 27.7
125 16.7 8.9 13.3#



#89
Benzo(a)pyrene
Concen: 33.37 ng
RT: 15.59 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF092520.D
Acq: 26 Jan 2017 12:43

Tgt Ion:252 Resp: 419122
Ion Ratio Lower Upper
252 100
253 23.7 18.2 27.2
125 14.9 10.0 15.0





#90

Dibenzo(a,h)anthracene

Concen: 5.22 ng

RT: 17.15 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF092520.D

Acq: 26 Jan 2017 12:43

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2

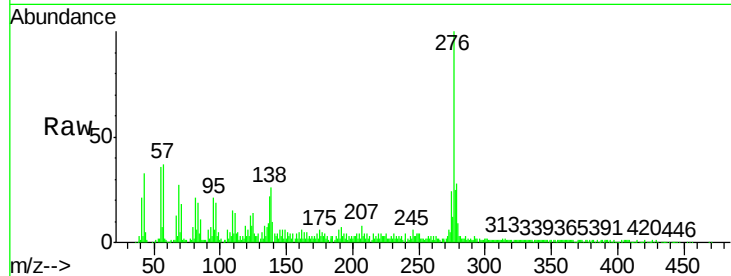
Tgt Ion:278 Resp: 52985

Ion Ratio Lower Upper

278 100

139 37.3 14.8 22.2#

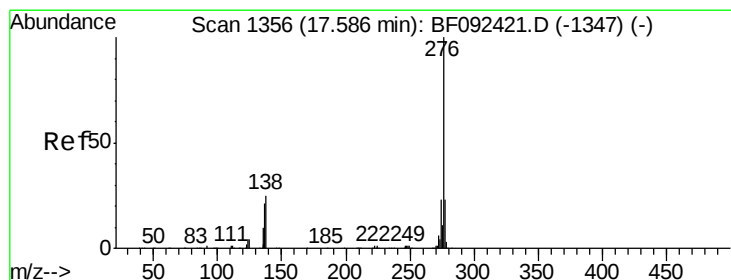
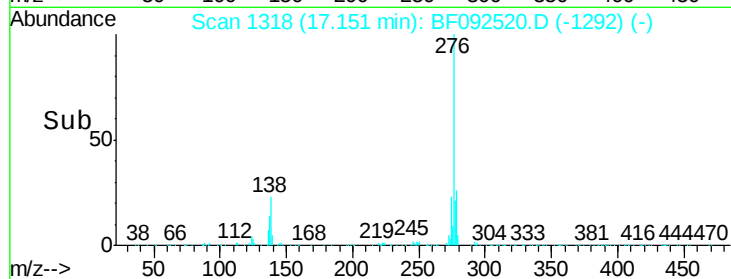
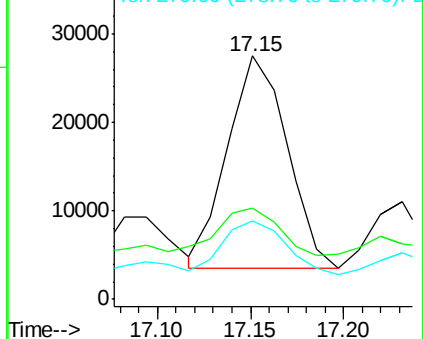
279 32.5 19.8 29.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 23.56 ng

RT: 17.60 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF092520.D

Acq: 26 Jan 2017 12:43

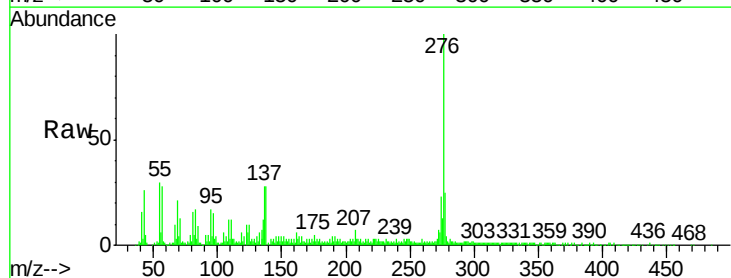
Tgt Ion:276 Resp: 242011

Ion Ratio Lower Upper

276 100

277 25.5 19.2 28.8

138 28.2 16.0 24.0#



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

