

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021517\
 Data File : BF092972.D
 Acq On : 16 Feb 2017 00:59
 Operator : SJ/MA
 Sample : I1826-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 02:45:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	154965	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	560724	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	303156	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	476826	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	310694	20.00	ng	-0.03
86) Perylene-d12	15.46	264	291344	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	954165	105.64	ng	-0.01
7) Phenol-d6	6.51	99	1188251	102.24	ng	-0.02
23) Nitrobenzene-d5	7.45	82	841245	83.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	221600	101.07	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1093129	65.33	ng	-0.01
78) Terphenyl-d14	12.98	244	794439	60.08	ng	-0.01

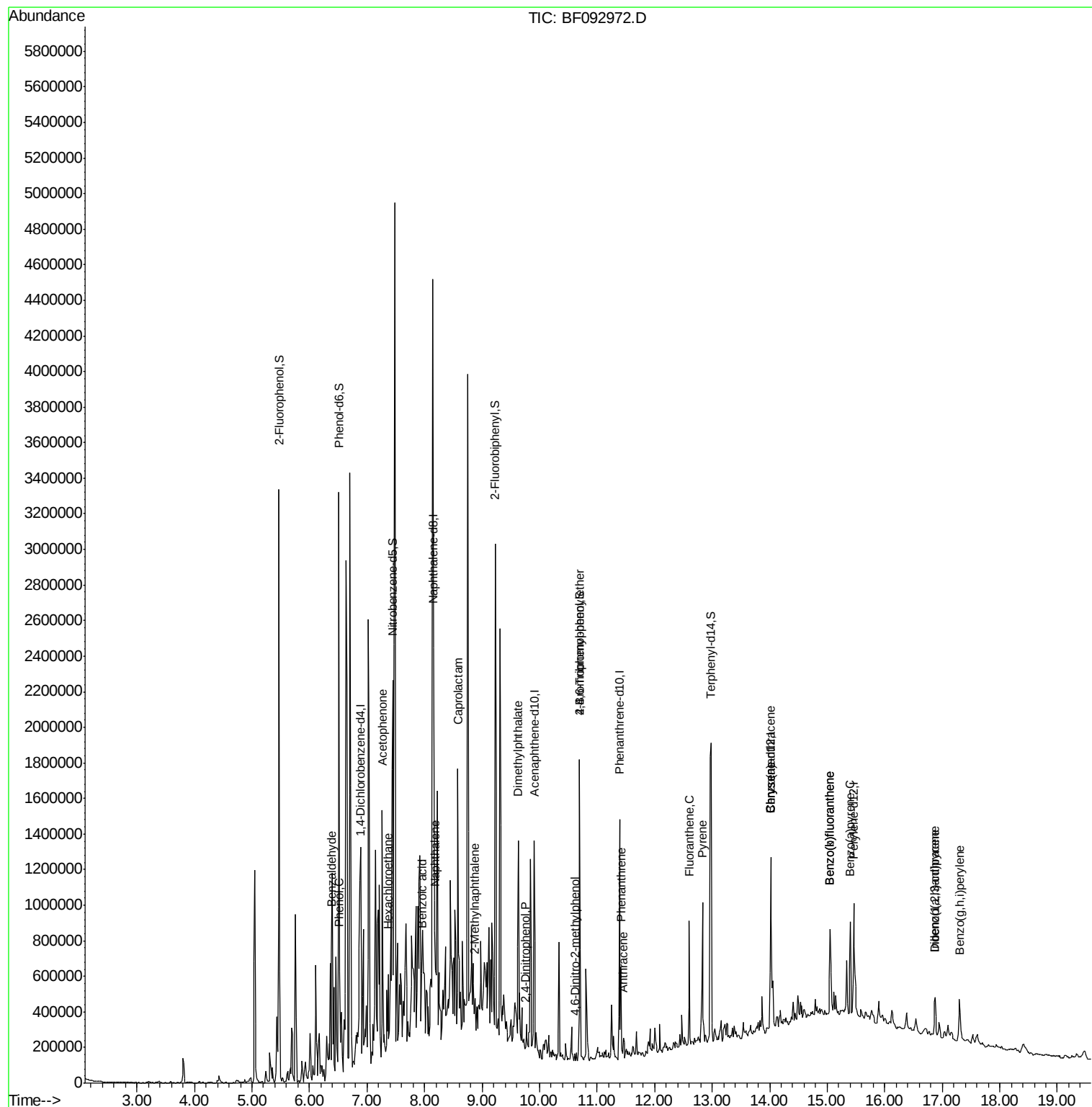
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.38	77	24558	2.95	ng	# 1
10) Phenol	6.52	94	33046	2.43	ng	82
18) Hexachloroethane	7.37	117	23820	5.91	ng	# 1
22) Acetophenone	7.26	105	155525	12.15	ng	# 38
31) Naphthalene	8.18	128	160595	5.65	ng	98
32) Benzoic acid	7.95	122	4380	7.93	ng	# 16
35) Caprolactam	8.58	113	27424	10.83	ng	# 1
37) 2-Methylnaphthalene	8.88	142	56435	3.09	ng	97
49) Dimethylphthalate	9.63	163	250310	12.26	ng	99
53) 2,4-Dinitrophenol	9.76	184	304	4.86	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.62	198	209	2.74	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	15492	3.11	ng	# 1
70) Phenanthrene	11.41	178	181672	6.65	ng	98
71) Anthracene	11.46	178	65882	2.40	ng	97
74) Fluoranthene	12.60	202	288144	10.23	ng	94
77) Pyrene	12.83	202	341973	14.71	ng	98
80) Benzo(a)anthracene	14.02	228	179848	9.46	ng	# 87
82) Chrysene	14.02	228	179848	10.11	ng	91
85) Indeno(1,2,3-cd)pyrene	16.88	276	160566	11.65	ng	99
87) Benzo(b)fluoranthene	15.05	252	339427	17.70	ng	97
88) Benzo(k)fluoranthene	15.05	252	337456	20.38	ng	# 96
89) Benzo(a)pyrene	15.40	252	238676	14.39	ng	99
90) Dibenzo(a,h)anthracene	16.88	278	32559	2.43	ng	# 76
91) Benzo(g,h,i)perylene	17.30	276	180013	13.29	ng	# 92

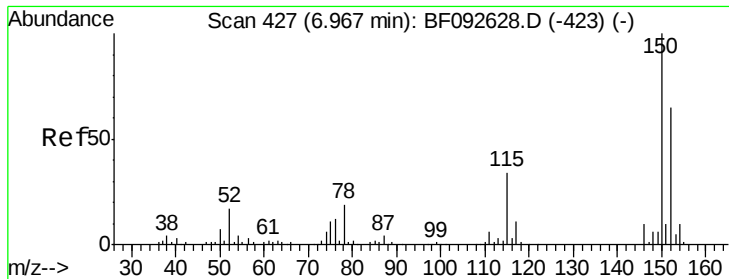
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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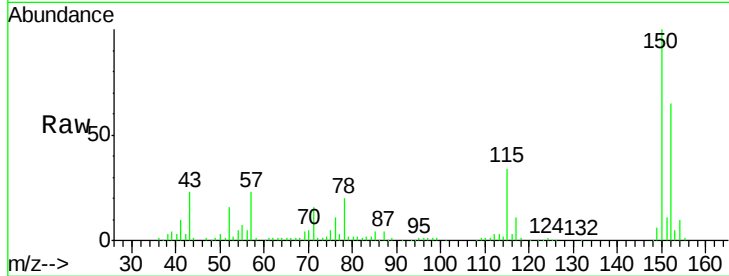


#1

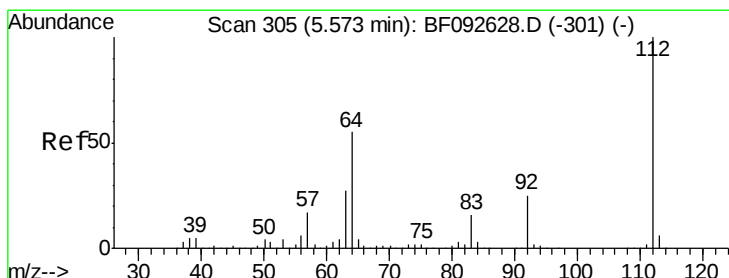
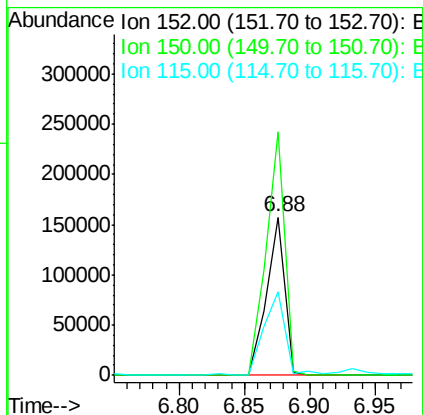
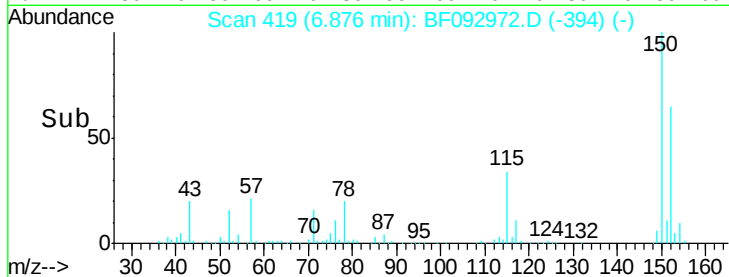
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF092972.D
 Acq: 16 Feb 2017 00:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.9	187.3
115	52.6	46.0	69.0



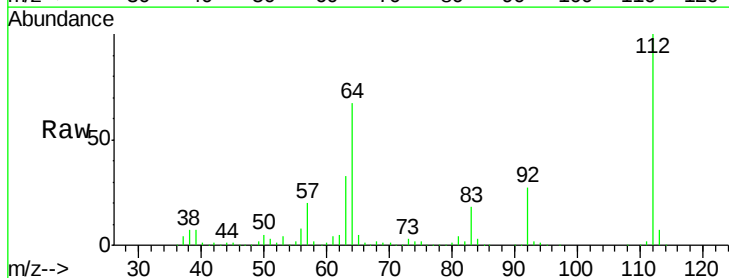
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



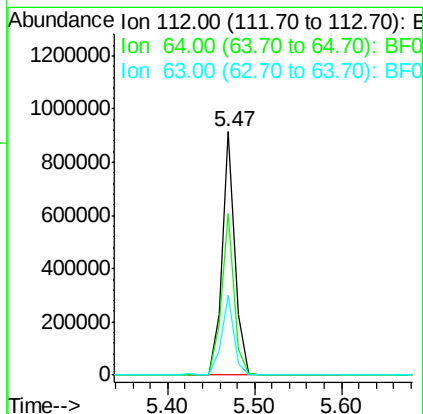
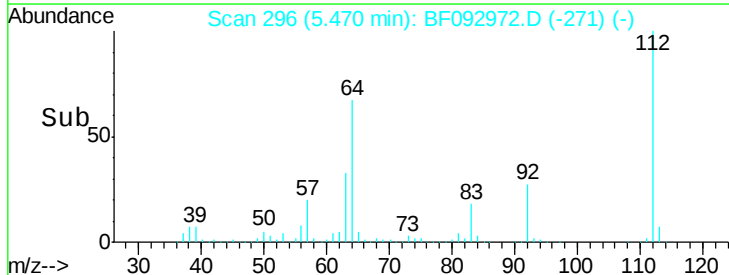
#5

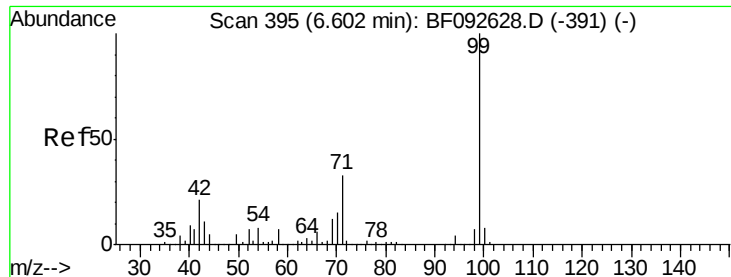
2-Fluorophenol
 Concen: 105.64 ng
 RT: 5.47 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: BF092972.D
 Acq: 16 Feb 2017 00:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	46.1	69.1
63	32.9	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: 102.24 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092972.D

Acq: 16 Feb 2017 00:59

Instrument :

BNA_F

ClientSampled :

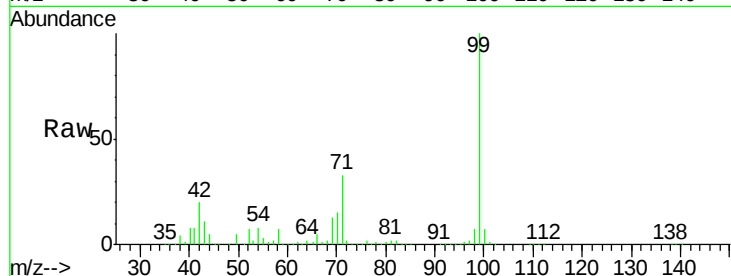
Tot Ion: 99 Resp: 1188251

Ion Ratio Lower Upper

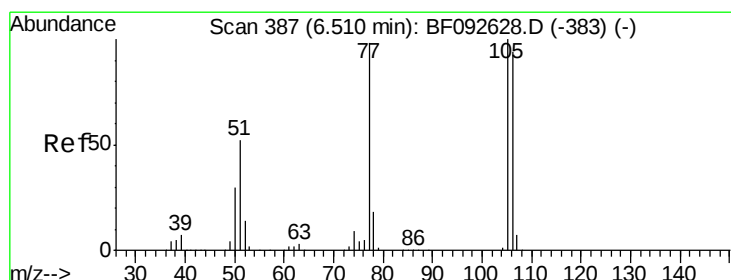
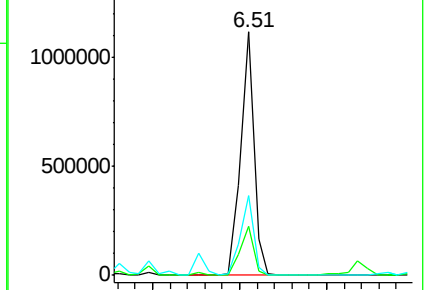
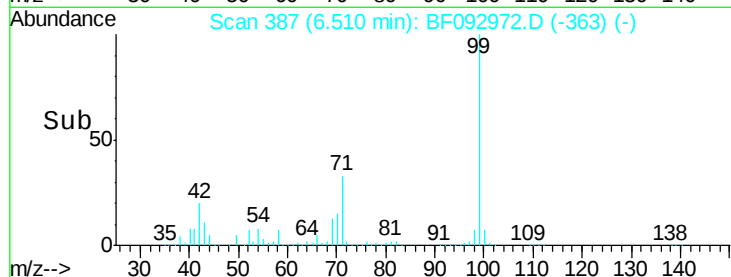
99 100

42 20.3 15.6 23.4

71 32.8 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



#9

Benzaldehyde

Concen: 2.95 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.05 min

Lab File: BF092972.D

Acq: 16 Feb 2017 00:59

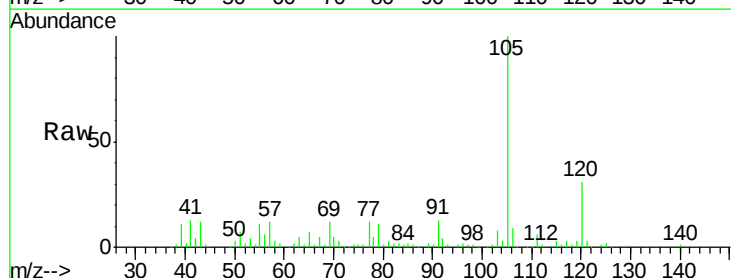
Tgt Ion: 77 Resp: 24558

Ion Ratio Lower Upper

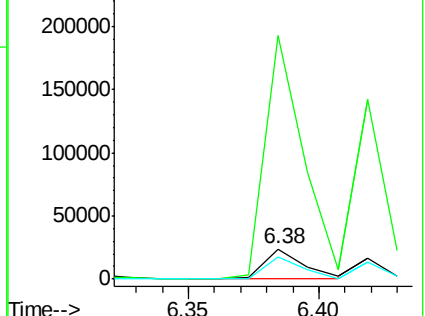
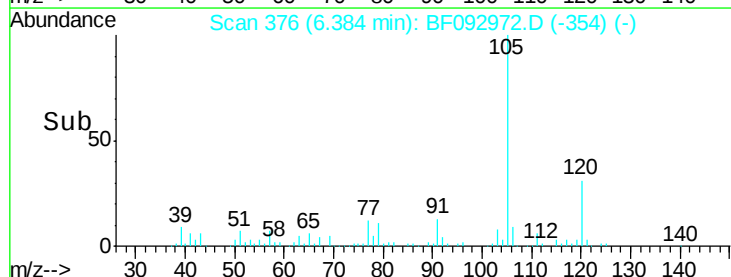
77 100

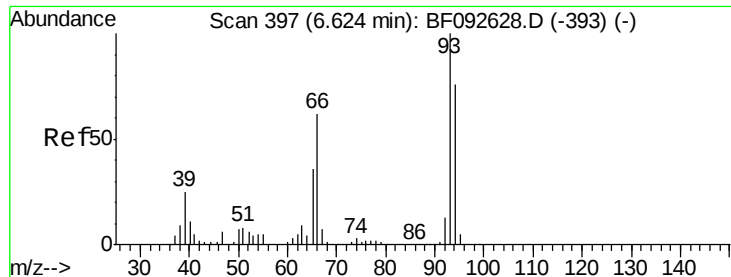
105 808.9 83.9 123.9#

106 75.8 77.6 117.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 2.43 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF092972.D

Acq: 16 Feb 2017 00:59

Instrument :

BNA_F

ClientSampleId :

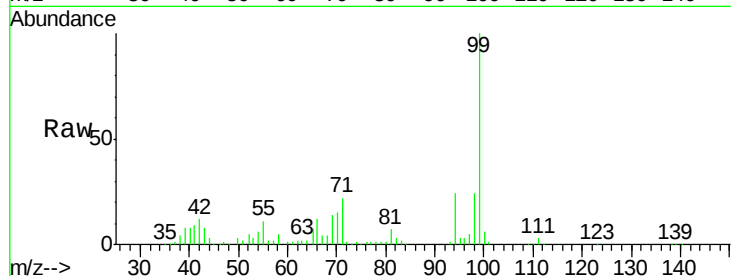
Tot Ion: 94 Resp: 33046

Ion Ratio Lower Upper

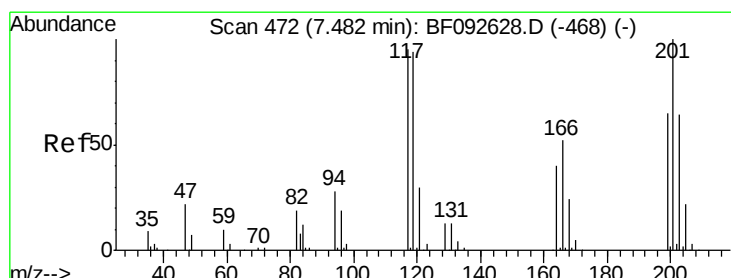
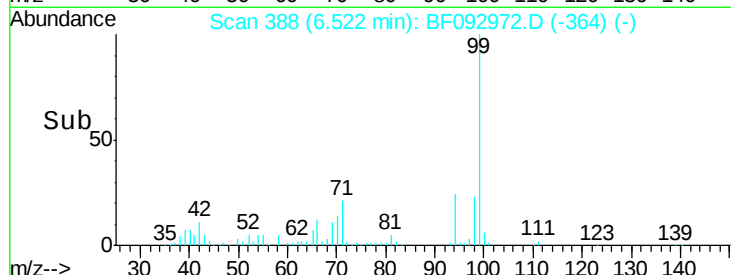
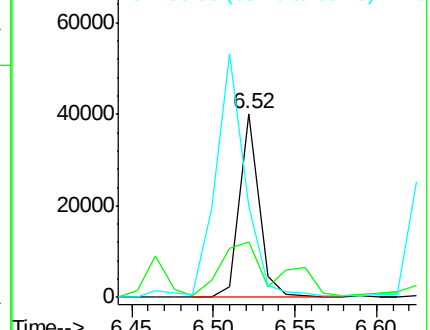
94 100

65 30.3 21.4 61.4

66 49.7 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



#18

Hexachloroethane

Concen: 5.91 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF092972.D

Acq: 16 Feb 2017 00:59

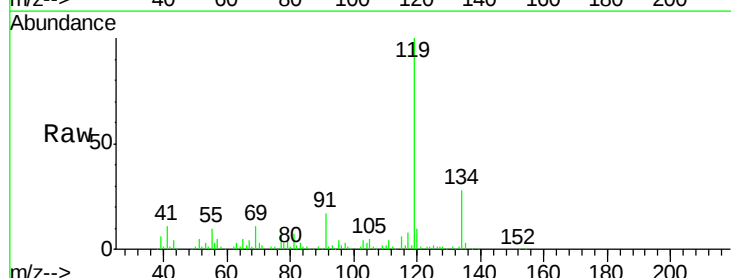
Tgt Ion: 117 Resp: 23820

Ion Ratio Lower Upper

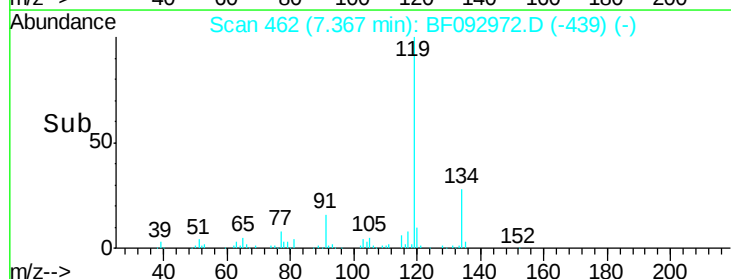
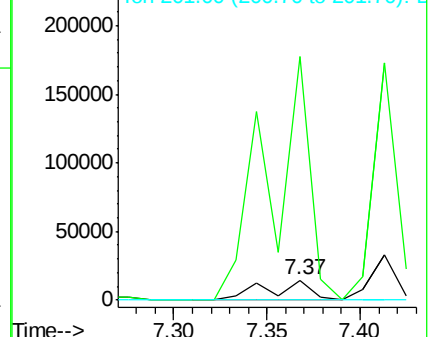
117 100

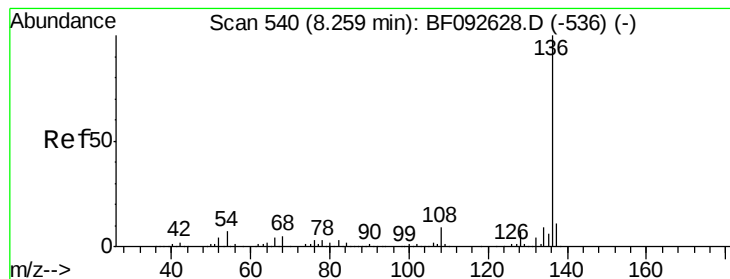
119 1237.5 78.1 117.1#

201 0.0 78.6 117.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF092972.D

Acq: 16 Feb 2017 00:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 560724

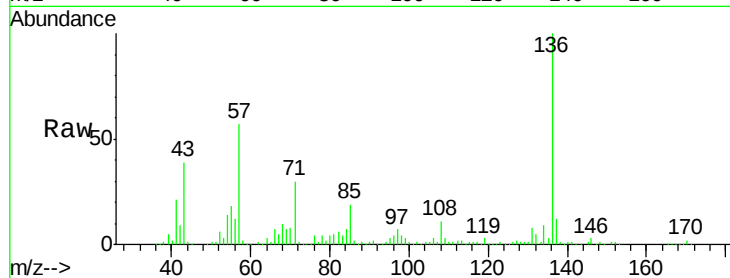
Ion Ratio Lower Upper

136 100

137 11.6 8.4 12.6

54 14.3 4.5 6.7#

68 9.6 3.6 5.4#

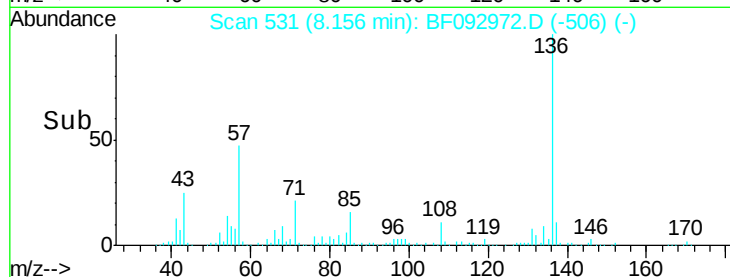


Abundance Ion 136.00 (135.70 to 136.70): E

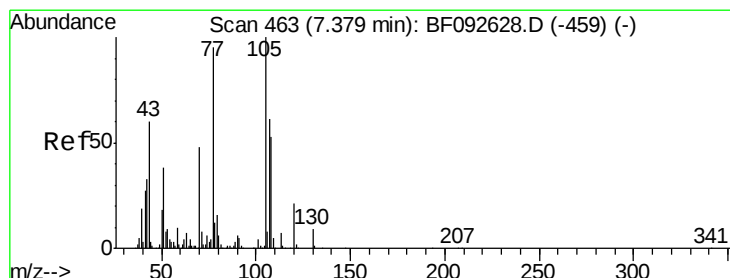
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 12.15 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.03 min

Lab File: BF092972.D

Acq: 16 Feb 2017 00:59

Tgt Ion:105 Resp: 155525

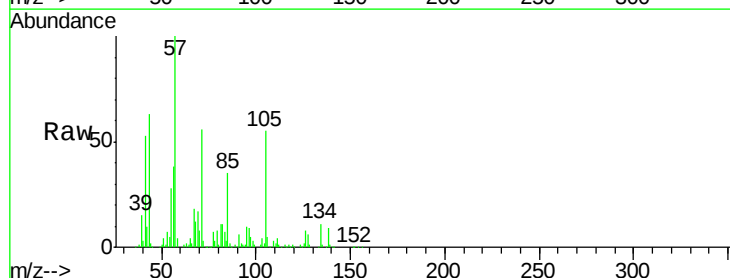
Ion Ratio Lower Upper

105 100

71 102.5 3.2 4.8#

51 7.4 26.2 39.4#

120 0.3 16.6 24.8#

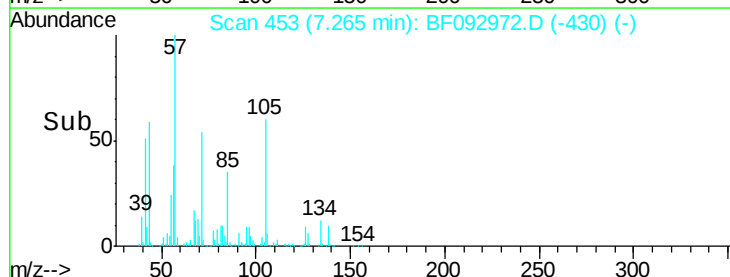


Abundance Ion 105.00 (104.70 to 105.70): E

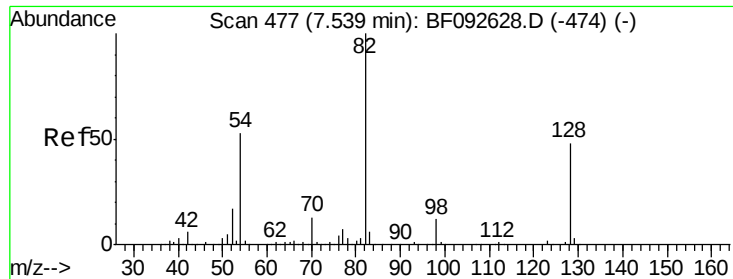
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



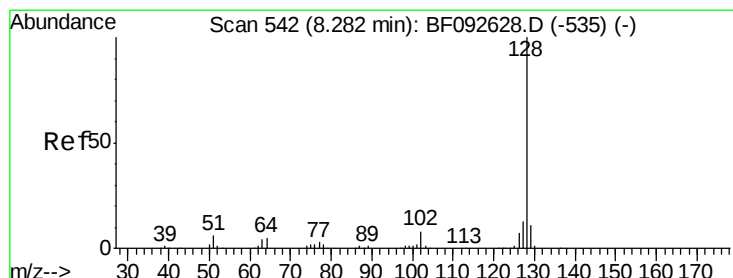
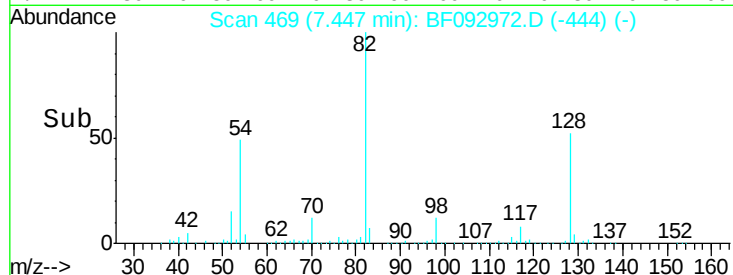
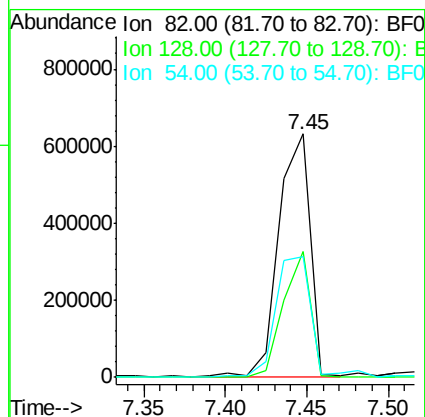
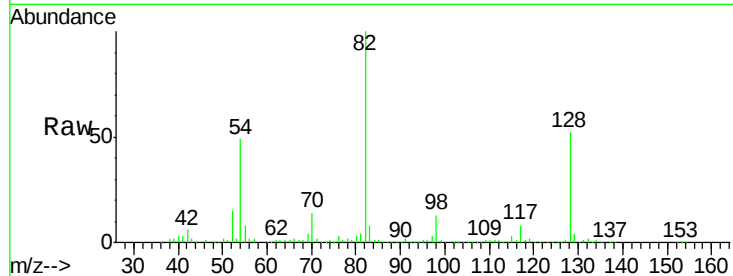
Time-->



#23
Nitrobenzene-d5
Concen: 83.55 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092972.D
Acq: 16 Feb 2017 00:59

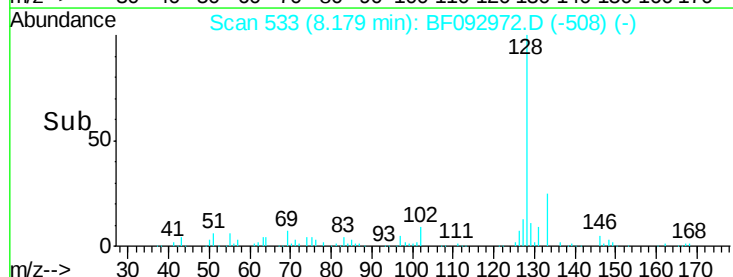
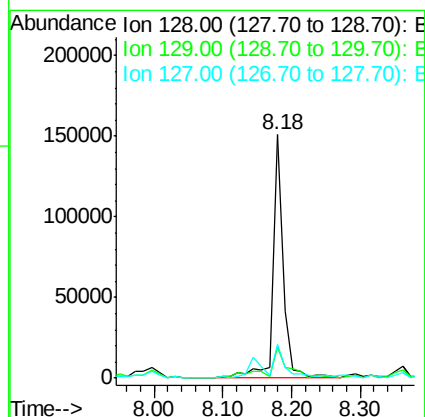
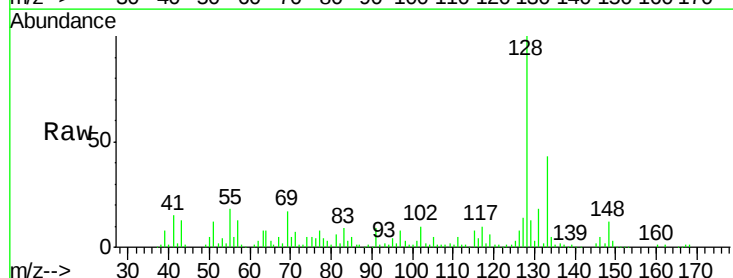
Instrument :
BNA_F
ClientSampleID :

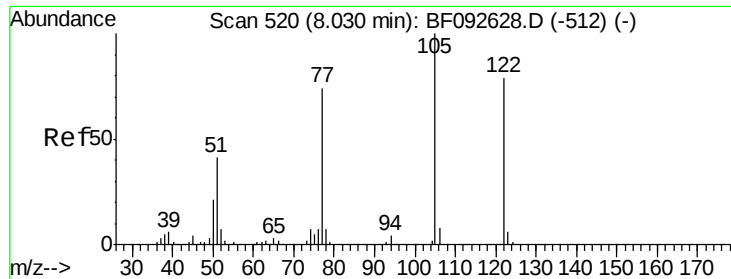
Tot Ion: 82 Resp: 841245
Ion Ratio Lower Upper
82 100
128 51.9 34.6 52.0
54 49.5 39.5 59.3



#31
Naphthalene
Concen: 5.65 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF092972.D
Acq: 16 Feb 2017 00:59

Tgt Ion: 128 Resp: 160595
Ion Ratio Lower Upper
128 100
129 13.0 9.5 14.3
127 13.8 10.8 16.2

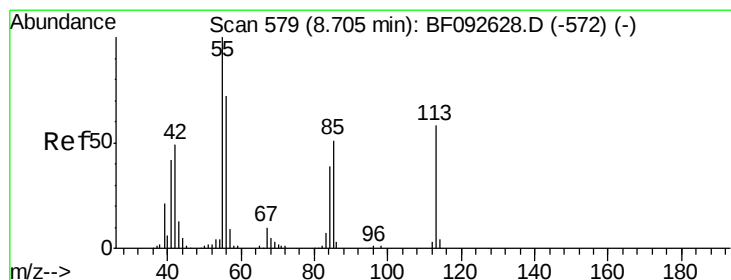
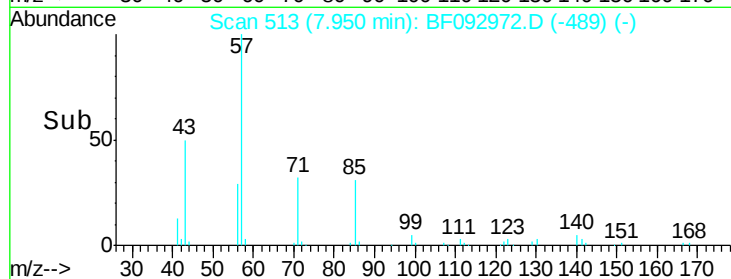
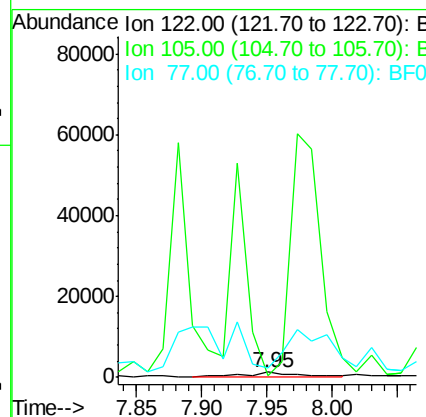
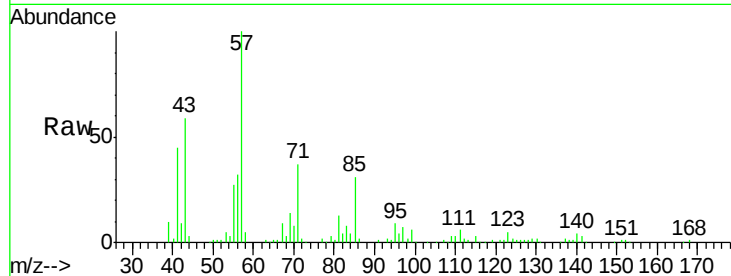




#32
Benzoic acid
Concen: 7.93 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF092972.D
Acq: 16 Feb 2017 00:59

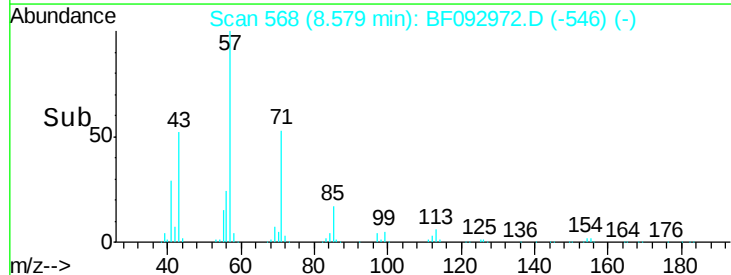
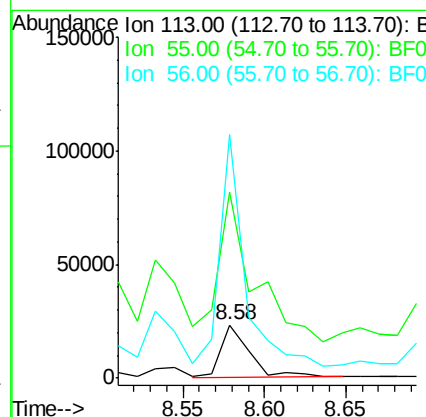
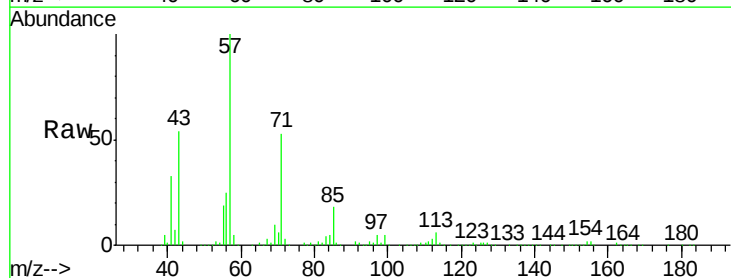
Instrument :
BNA_F
ClientSampled :

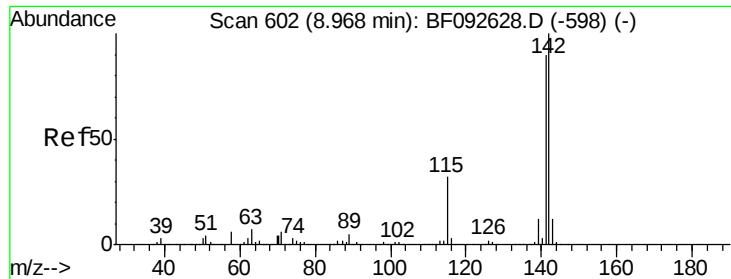
Tot Ion:122 Resp: 4380
Ion Ratio Lower Upper
122 100
105 42.2 107.2 147.2#
77 189.0 74.5 114.5#



#35
Caprolactam
Concen: 10.83 ng
RT: 8.58 min Scan# 568
Delta R.T. -0.05 min
Lab File: BF092972.D
Acq: 16 Feb 2017 00:59

Tgt Ion:113 Resp: 27424
Ion Ratio Lower Upper
113 100
55 350.3 119.2 159.2#
56 457.0 83.8 123.8#

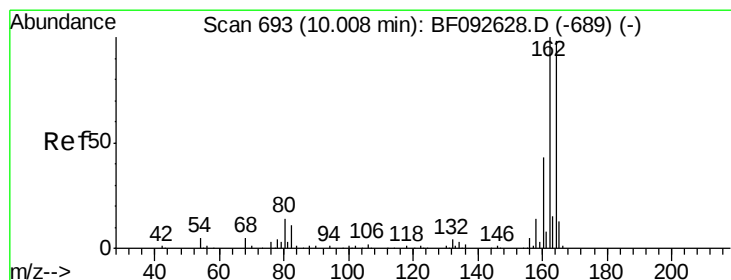
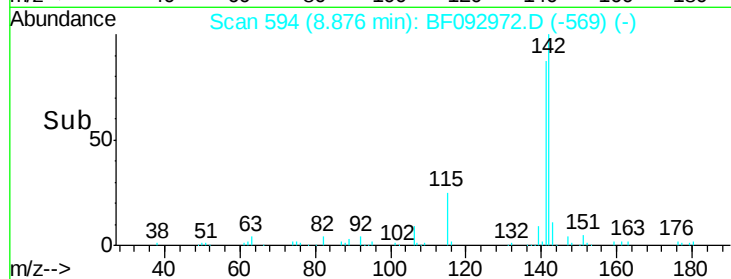
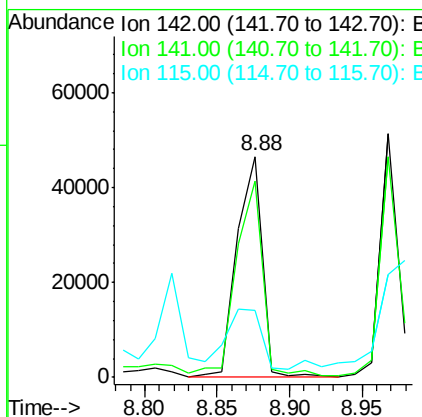
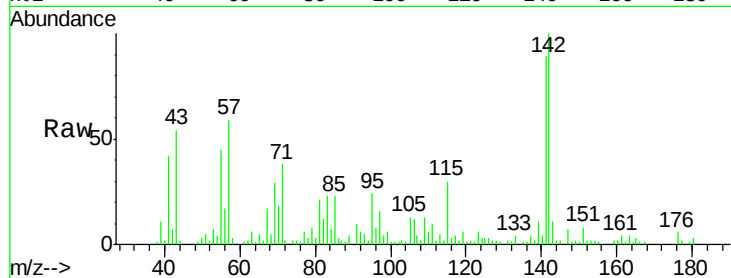




#37
2-Methylnaphthalene
Concen: 3.09 ng
RT: 8.88 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF092972.D
Acq: 16 Feb 2017 00:59

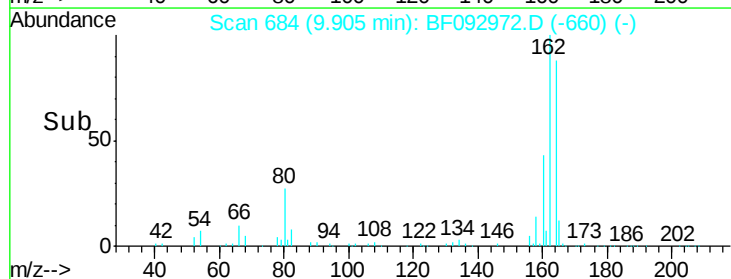
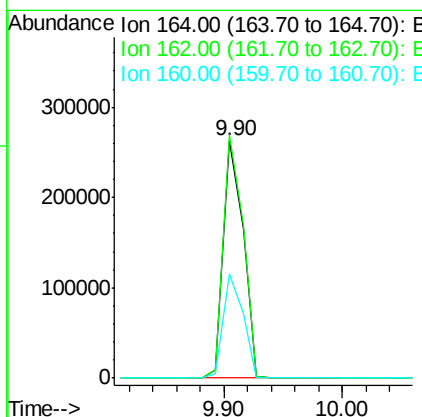
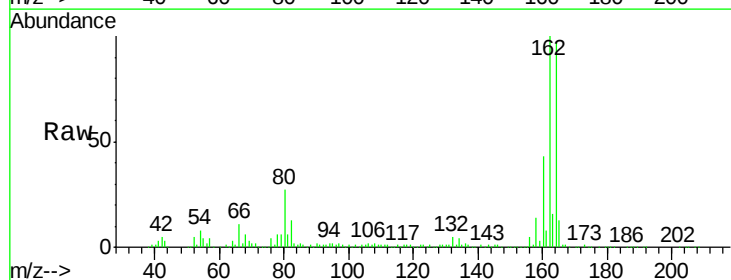
Instrument :
BNA_F
ClientSampleId :

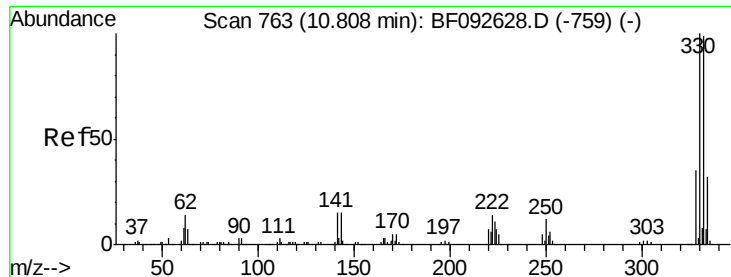
Tot Ion:142 Resp: 56435
Ion Ratio Lower Upper
142 100
141 88.9 71.0 106.6
115 30.1 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF092972.D
Acq: 16 Feb 2017 00:59

Tgt Ion:164 Resp: 303156
Ion Ratio Lower Upper
164 100
162 102.6 80.2 120.2
160 43.6 36.9 55.3

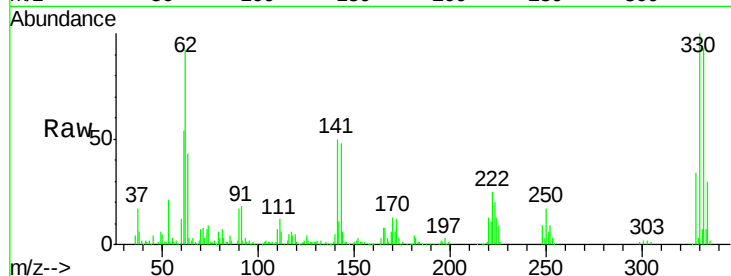




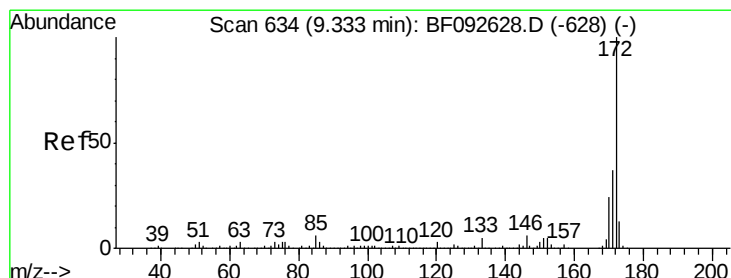
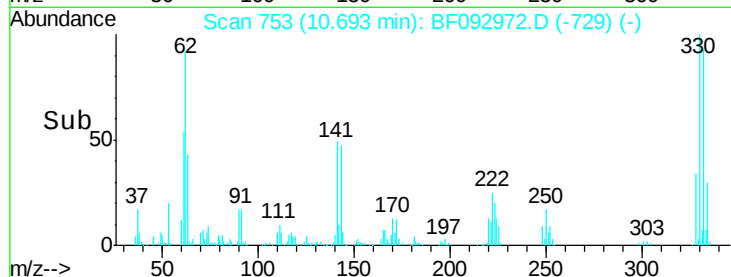
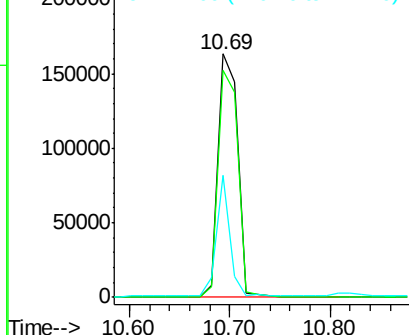
#41
 2,4,6-Tribromophenol
 Concen: 101.07 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF092972.D
 Acq: 16 Feb 2017 00:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 221600
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.4 116.2
 141 33.8 34.1 51.1#

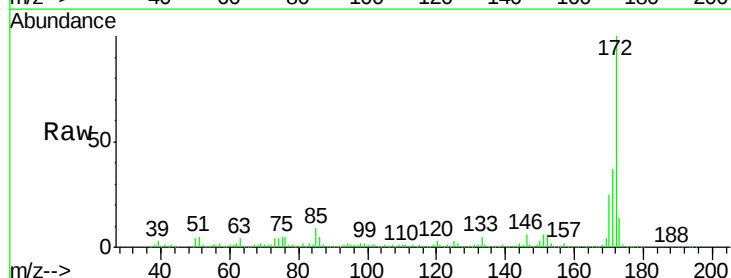


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

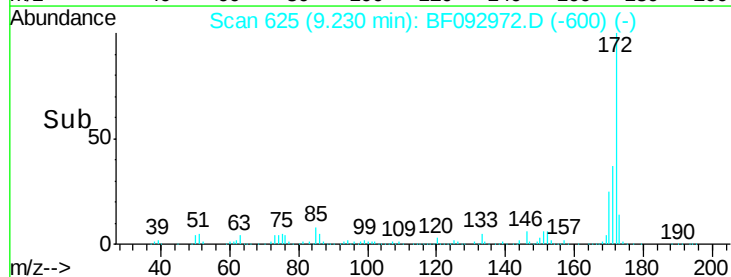
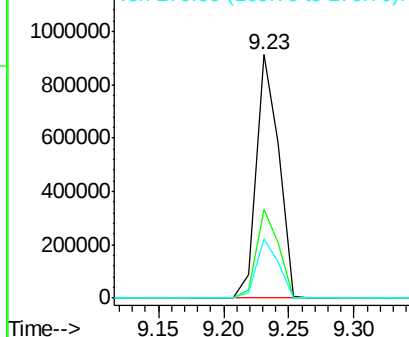


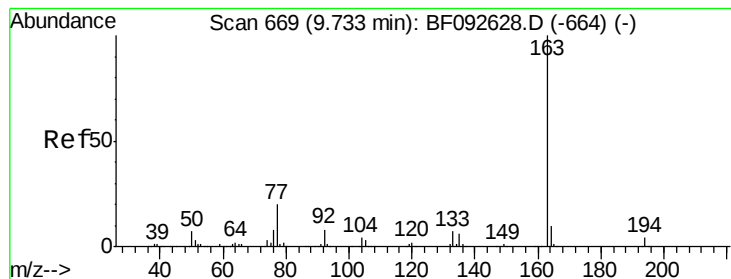
#44
 2-Fluorobiphenyl
 Concen: 65.33 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092972.D
 Acq: 16 Feb 2017 00:59

Tgt Ion:172 Resp: 1093129
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.5 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: 12.26 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF092972.D

Acq: 16 Feb 2017 00:59

Instrument :

BNA_F

ClientSampleId :

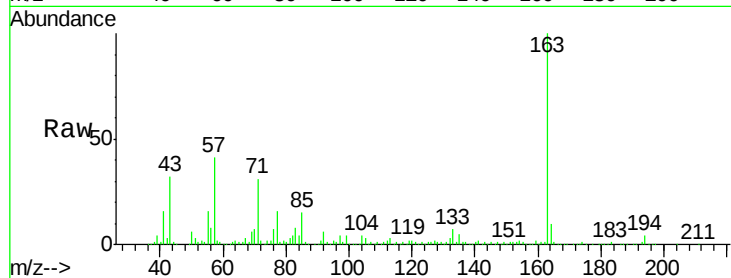
Tot Ion:163 Resp: 250310

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

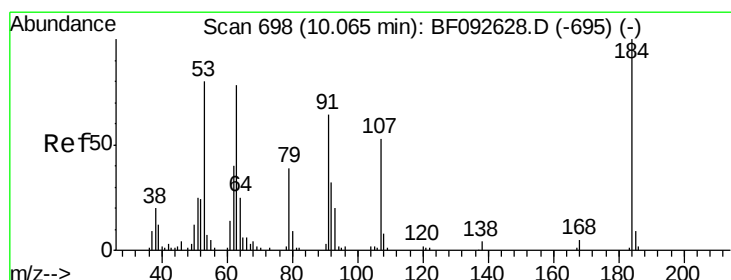
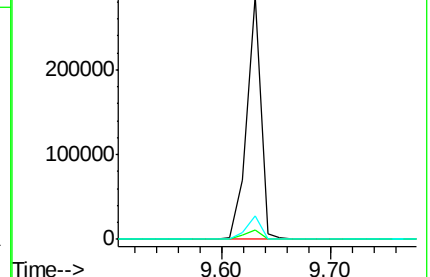
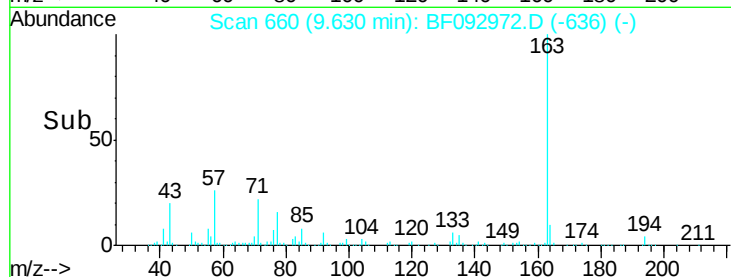
164 9.7 8.0 12.0



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



#53

2,4-Dinitrophenol

Concen: 4.86 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.24 min

Lab File: BF092972.D

Acq: 16 Feb 2017 00:59

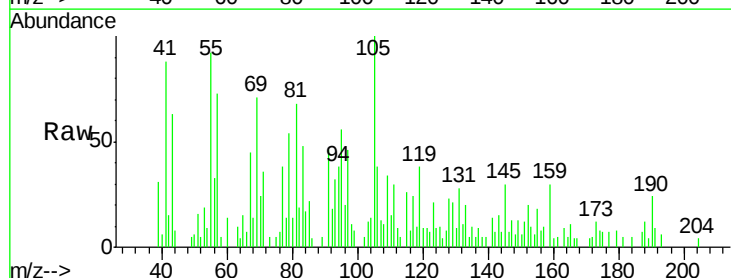
Tgt Ion:184 Resp: 304

Ion Ratio Lower Upper

184 100

63 194.1 28.4 42.6#

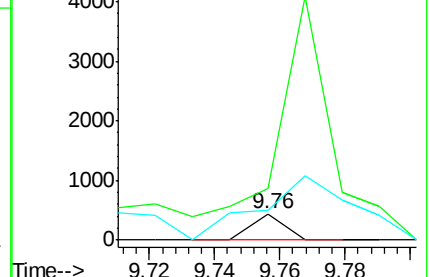
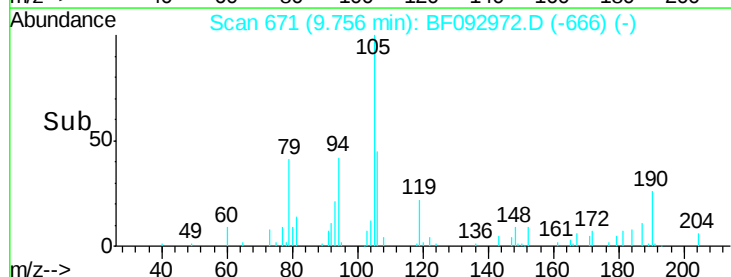
154 114.0 44.3 66.5#

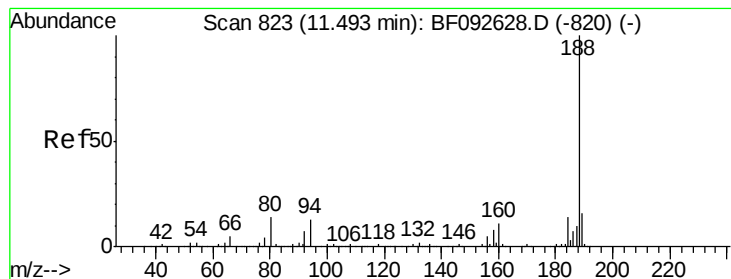


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF092972.D

Acq: 16 Feb 2017 00:59

Instrument :

BNA_F

ClientSampleId :

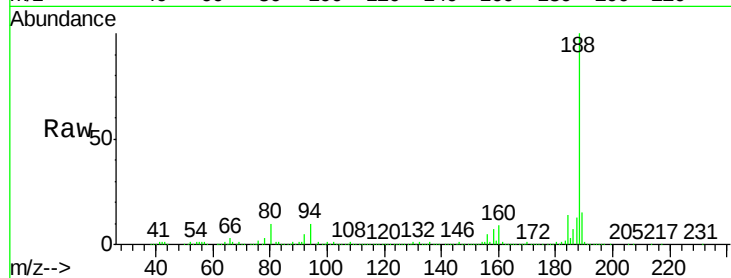
Tot Ion:188 Resp: 476826

Ion Ratio Lower Upper

188 100

94 9.9 10.0 15.0#

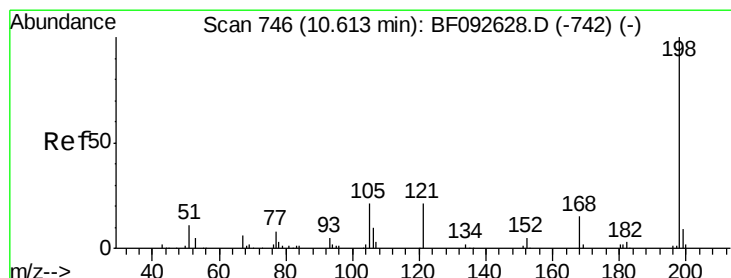
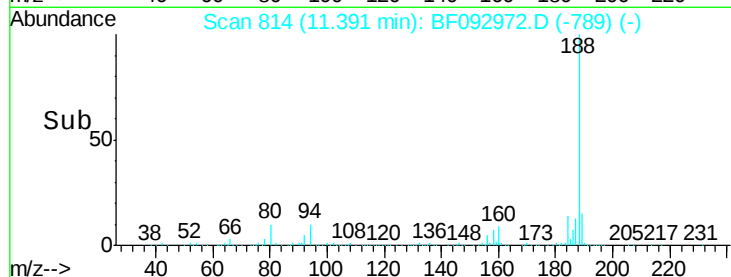
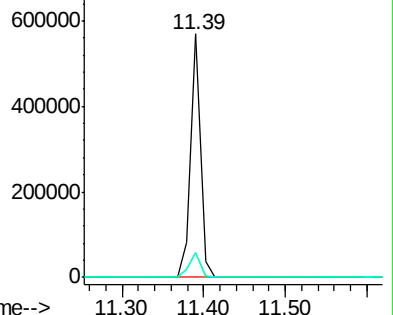
80 10.3 11.2 16.8#



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: 2.74 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.09 min

Lab File: BF092972.D

Acq: 16 Feb 2017 00:59

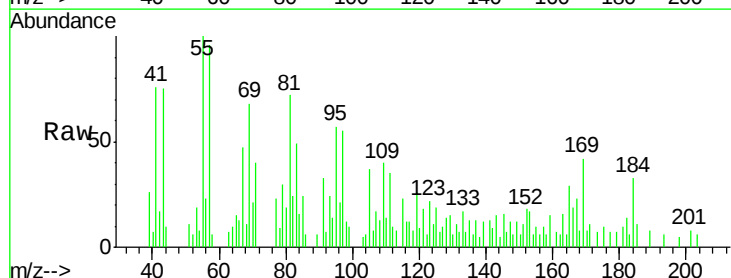
Tgt Ion:198 Resp: 209

Ion Ratio Lower Upper

198 100

51 205.9 6.7 46.7#

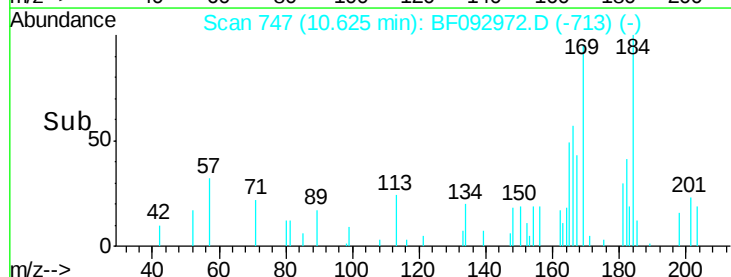
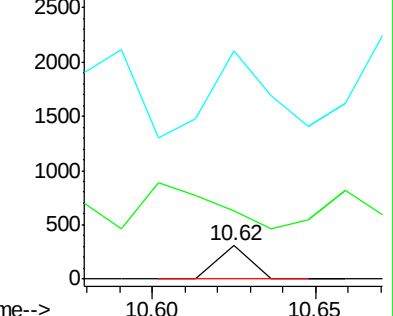
105 688.9 16.6 56.6#

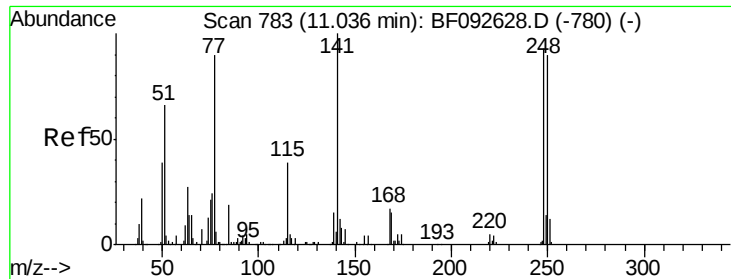


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

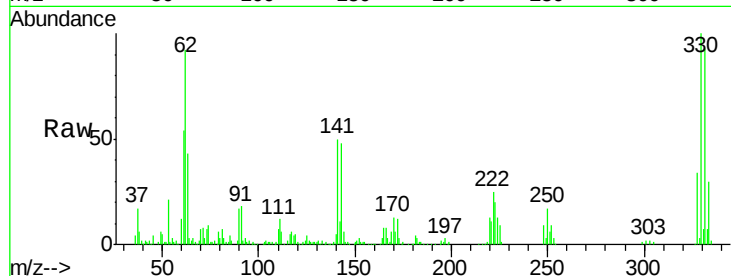




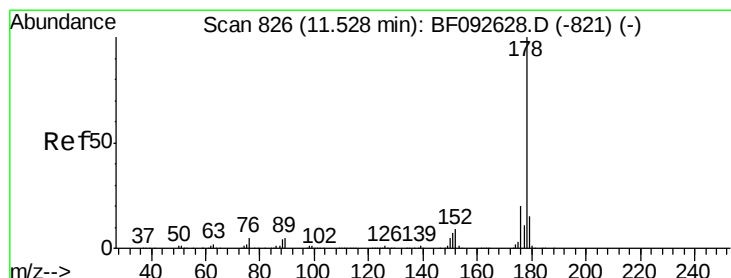
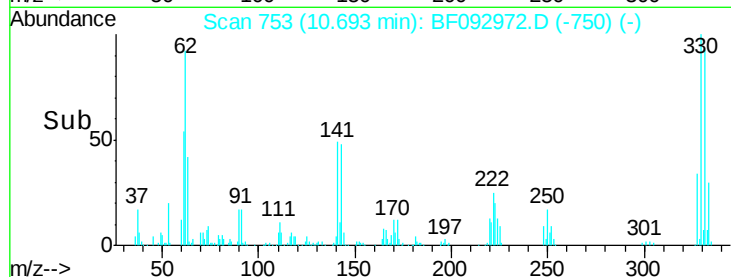
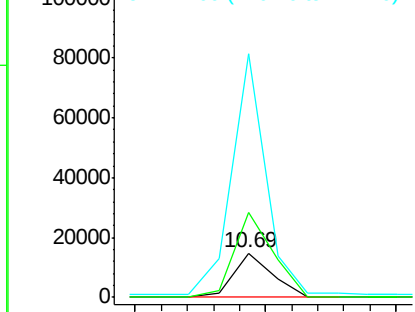
#66
4-Bromophenyl-phenylether
Concen: 3.11 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF092972.D
Acq: 16 Feb 2017 00:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15492
Ion Ratio Lower Upper
248 100
250 191.5 76.9 115.3#
141 547.3 68.2 102.4#

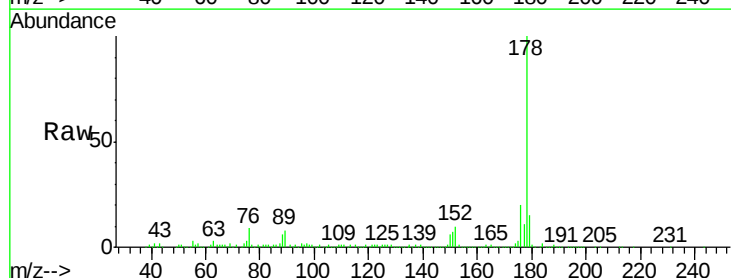


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

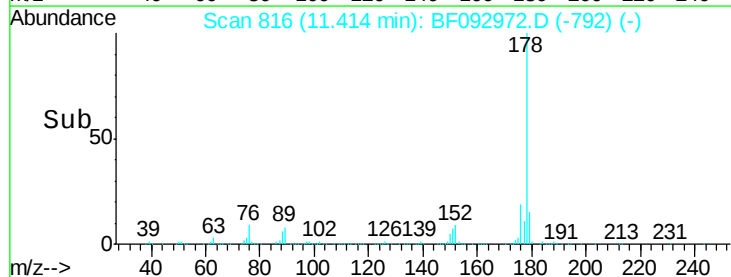
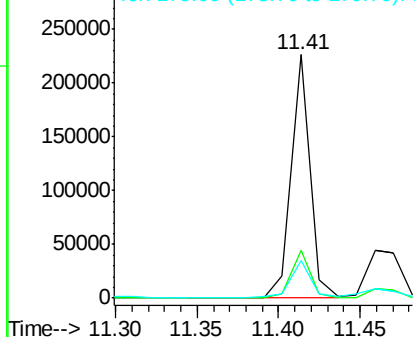


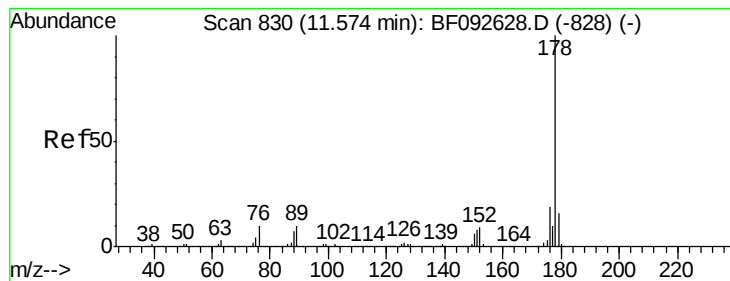
#70
Phenanthrene
Concen: 6.65 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF092972.D
Acq: 16 Feb 2017 00:59

Tgt Ion:178 Resp: 181672
Ion Ratio Lower Upper
178 100
176 19.5 16.6 25.0
179 15.3 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: 2.40 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.02 min

Lab File: BF092972.D

Acq: 16 Feb 2017 00:59

Instrument :

BNA_F

ClientSampleId :

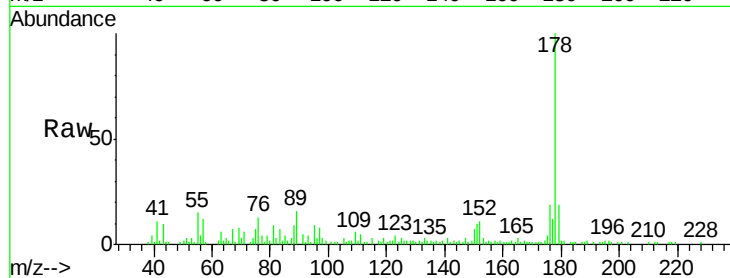
Tot Ion:178 Resp: 65882

Ion Ratio Lower Upper

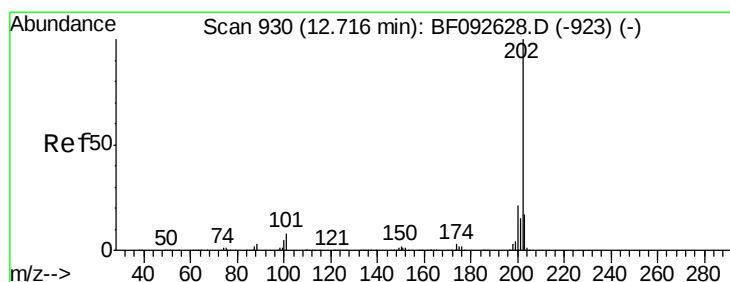
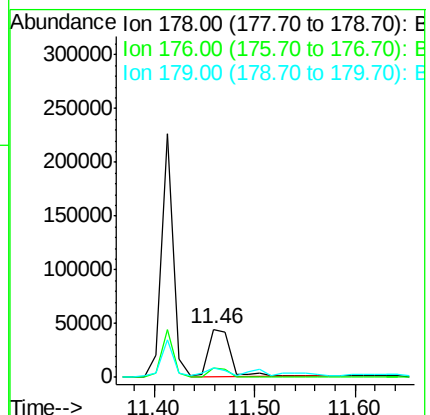
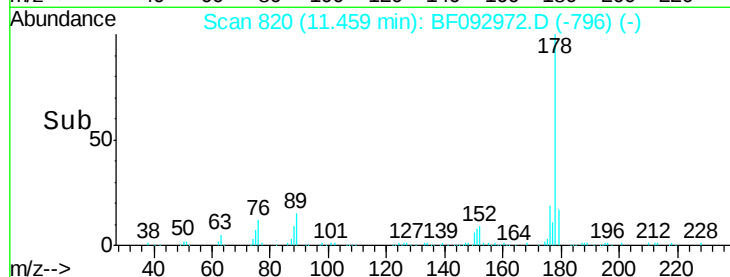
178 100

176 19.4 15.9 23.9

179 18.9 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



#74

Fluoranthene

Concen: 10.23 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF092972.D

Acq: 16 Feb 2017 00:59

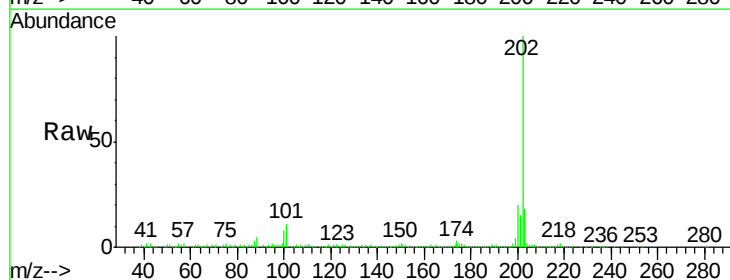
Tgt Ion:202 Resp: 288144

Ion Ratio Lower Upper

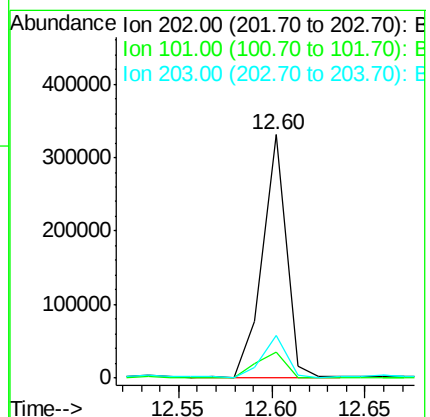
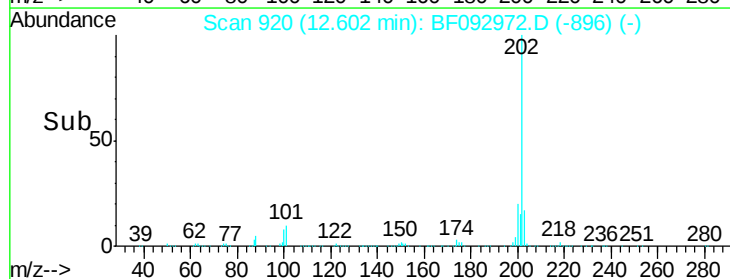
202 100

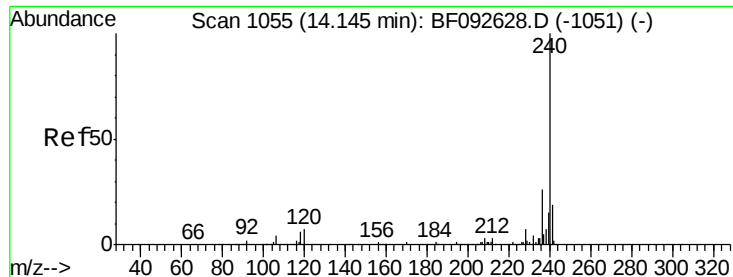
101 10.6 0.0 34.6

203 17.7 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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF092972.D

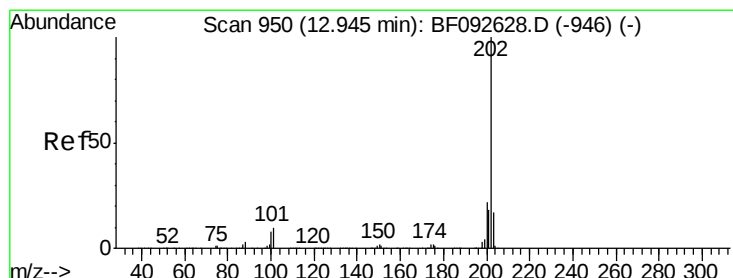
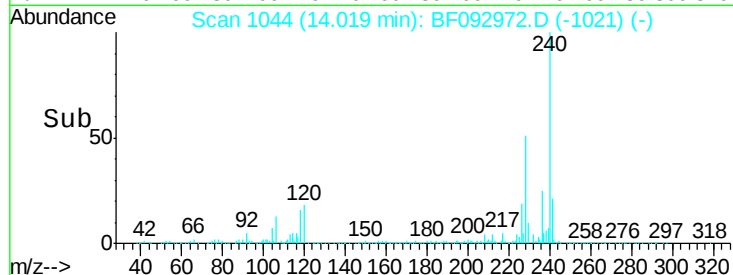
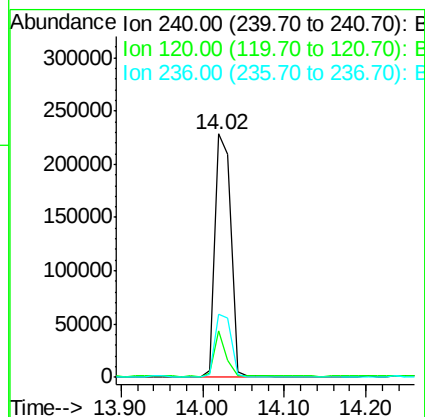
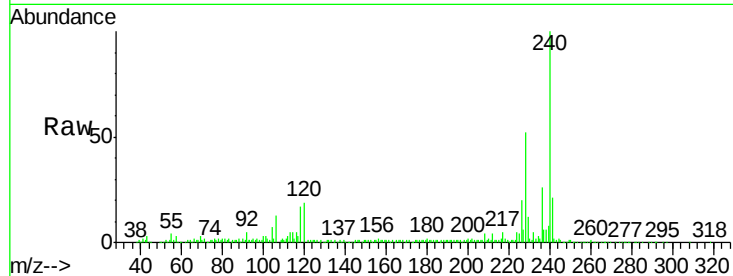
Acq: 16 Feb 2017 00:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:240	Resp:	310694
Ion	Ratio	Lower Upper
240	100	
120	18.9	12.9 19.3
236	25.8	20.9 31.3



#77

Pyrene

Concen: 14.71 ng

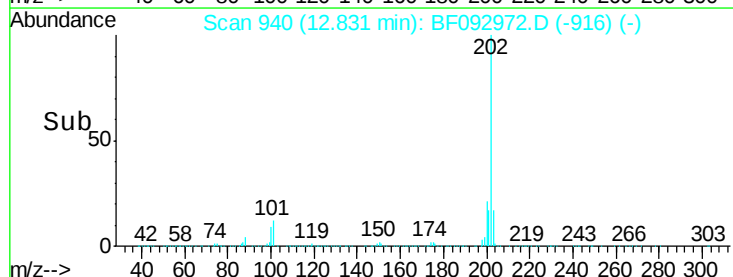
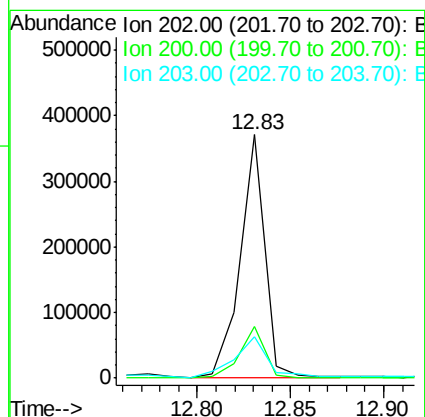
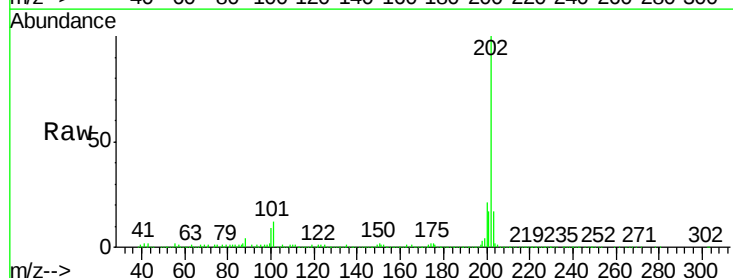
RT: 12.83 min Scan# 940

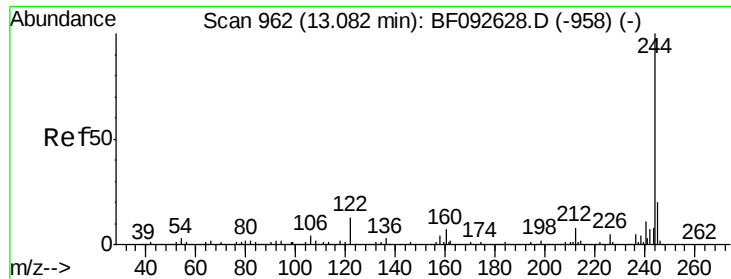
Delta R.T. -0.02 min

Lab File: BF092972.D

Acq: 16 Feb 2017 00:59

Tgt Ion:202	Resp:	341973
Ion	Ratio	Lower Upper
202	100	
200	21.3	17.7 26.5
203	17.1	14.7 22.1

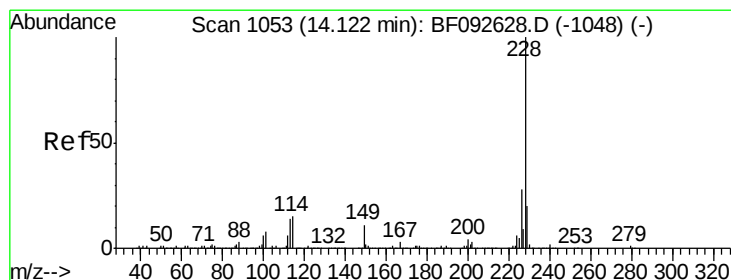
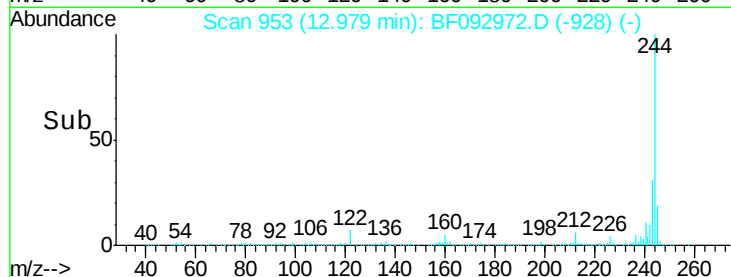
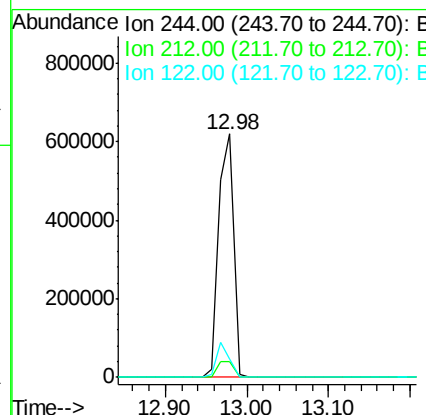
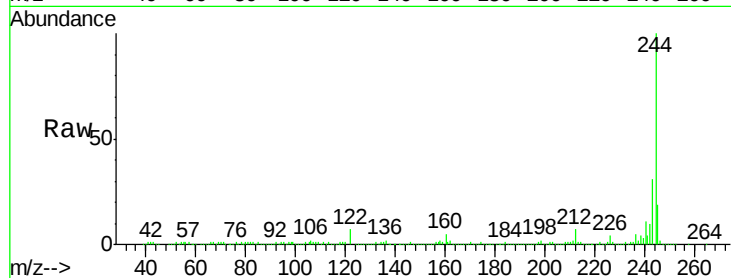




#78
 Terphenyl-d14
 Concen: 60.08 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF092972.D
 Acq: 16 Feb 2017 00:59

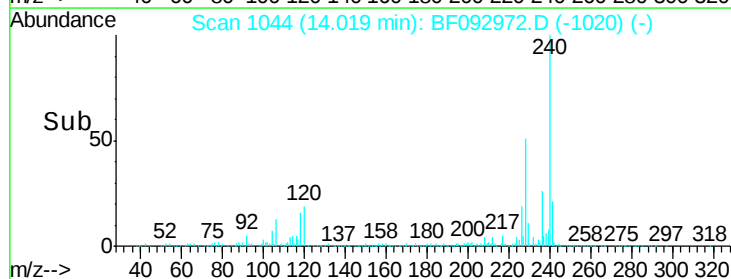
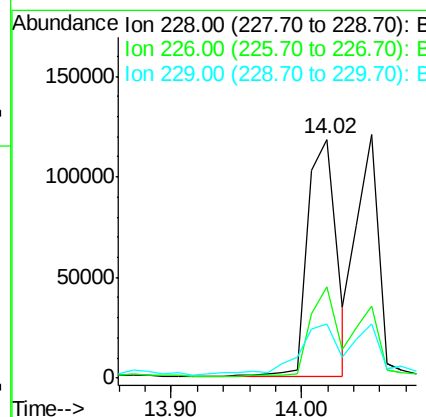
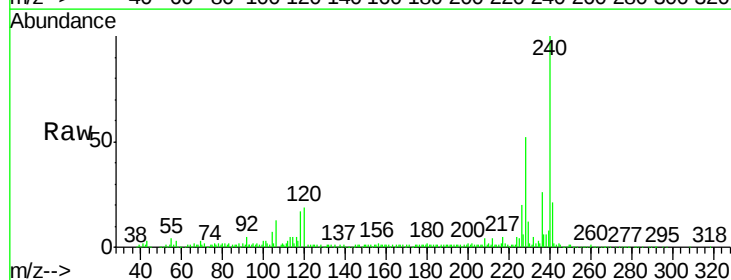
Instrument :
 BNA_F
 ClientSampleId :

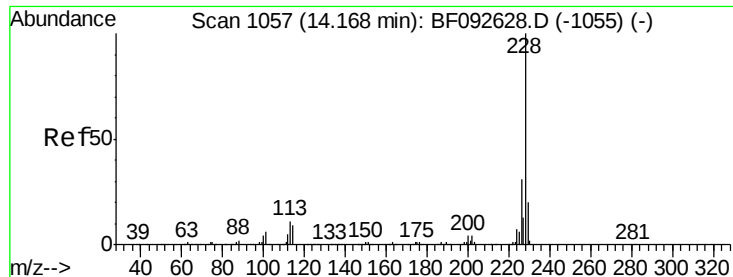
Tot Ion:244 Resp: 794439
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.2 9.2
 122 7.3 11.4 17.2#



#80
 Benzo(a)anthracene
 Concen: 9.46 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BF092972.D
 Acq: 16 Feb 2017 00:59

Tgt Ion:228 Resp: 179848
 Ion Ratio Lower Upper
 228 100
 226 38.0 22.4 33.6#
 229 22.6 16.2 24.4

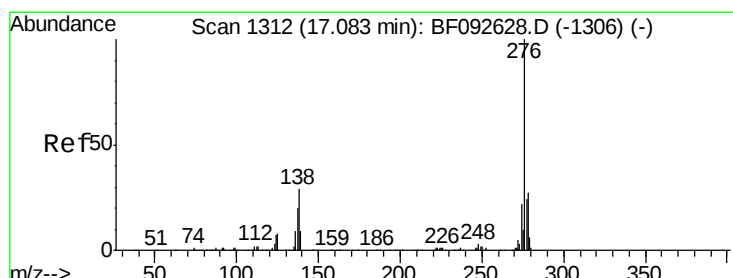
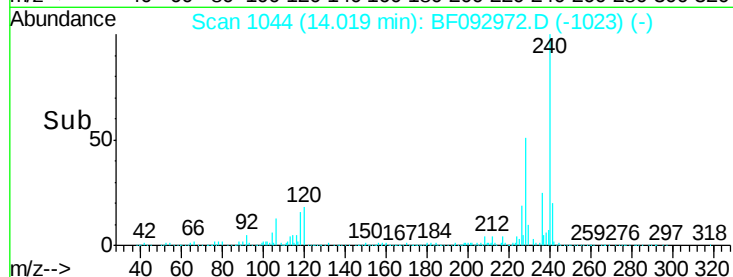
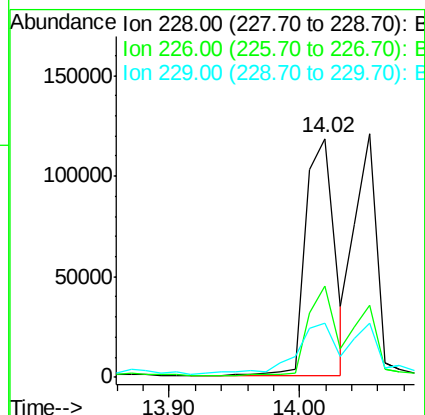
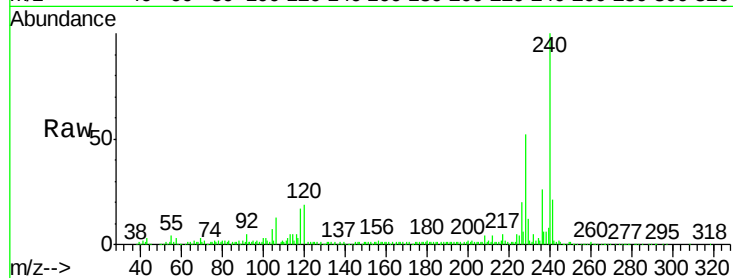




#82
Chrysene
Concen: 10.11 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.06 min
Lab File: BF092972.D
Acq: 16 Feb 2017 00:59

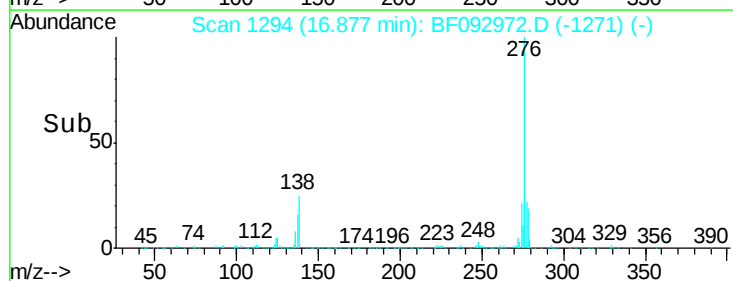
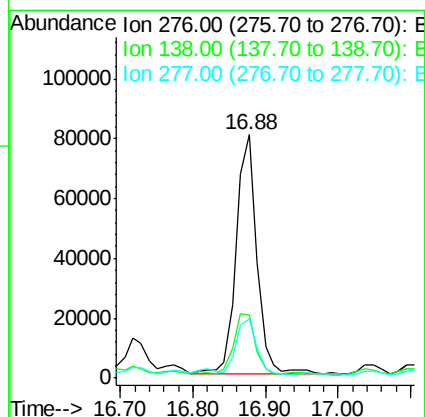
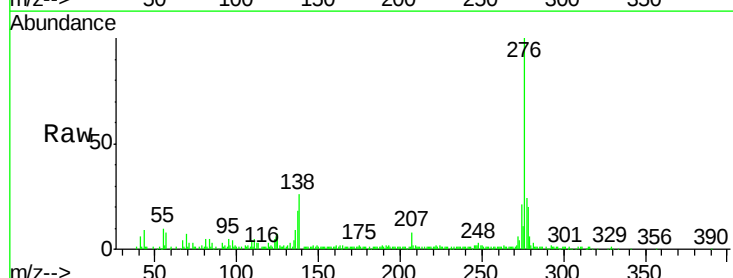
Instrument :
BNA_F
ClientSampleId :

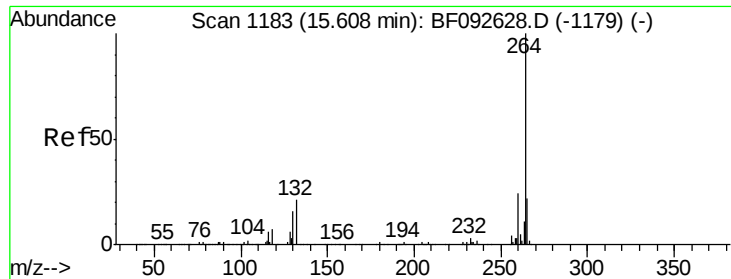
Tot Ion:228 Resp: 179848
Ion Ratio Lower Upper
228 100
226 38.0 25.4 38.0
229 22.6 16.2 24.2



#85
Indeno(1,2,3-cd)pyrene
Concen: 11.65 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.03 min
Lab File: BF092972.D
Acq: 16 Feb 2017 00:59

Tgt Ion:276 Resp: 160566
Ion Ratio Lower Upper
276 100
138 26.3 21.8 32.6
277 25.0 20.2 30.4



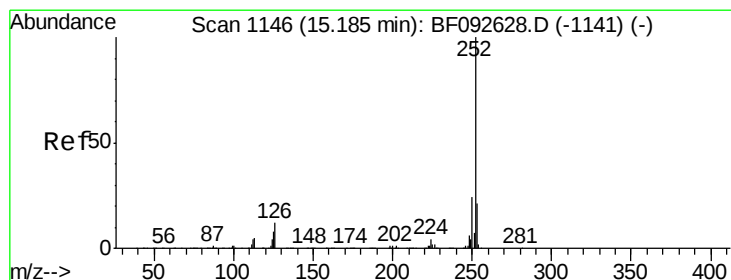
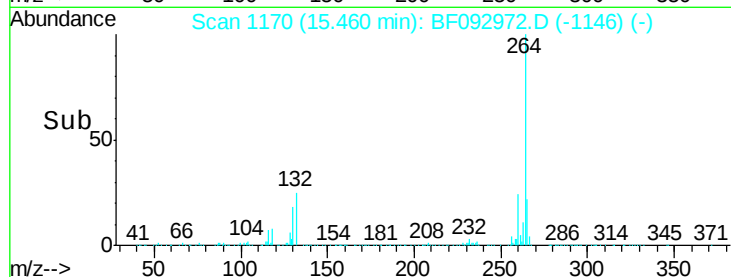
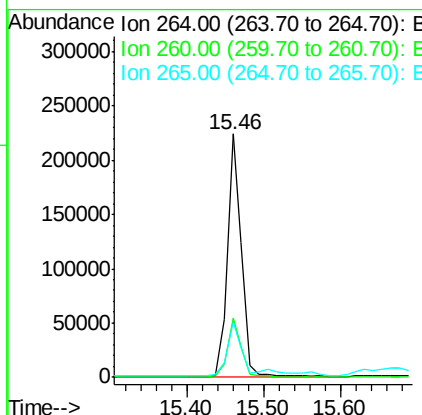
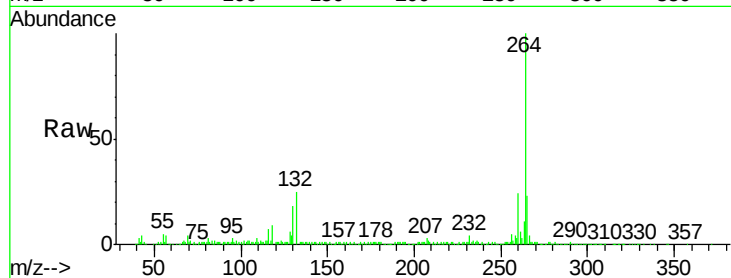


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092972.D
Acq: 16 Feb 2017 00:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 291344

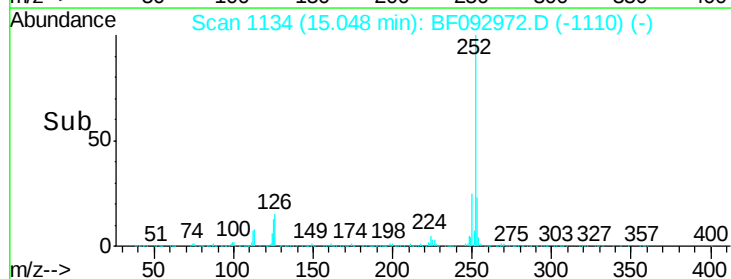
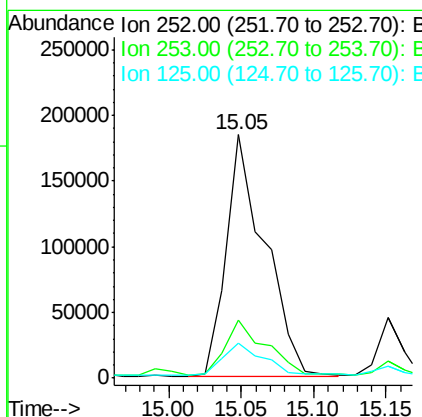
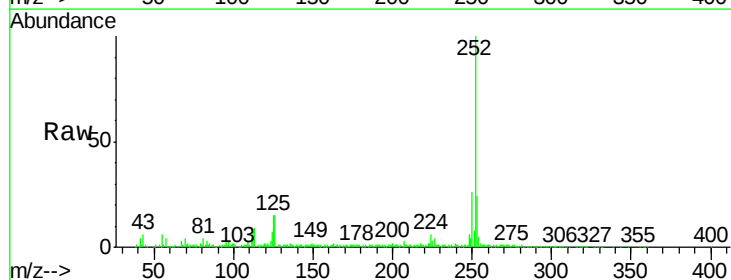
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.8	17.4	26.0

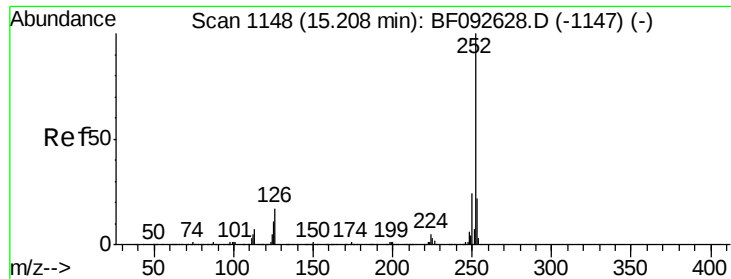


#87
Benzo(b)fluoranthene
Concen: 17.70 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF092972.D
Acq: 16 Feb 2017 00:59

Tgt Ion:252 Resp: 339427

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	14.6	9.8	14.6

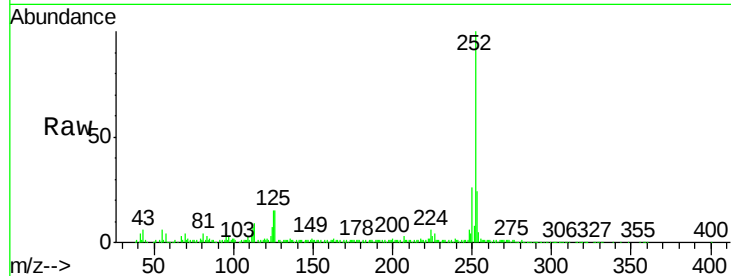




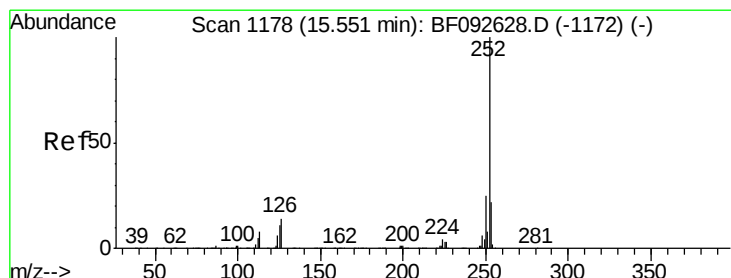
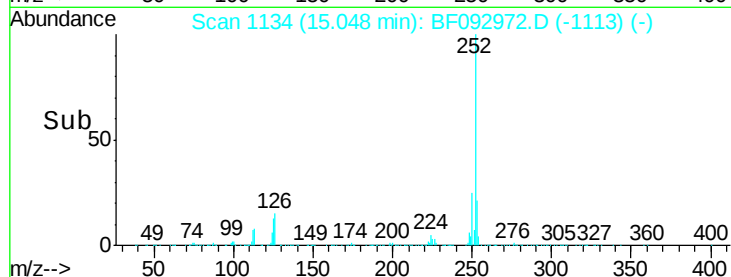
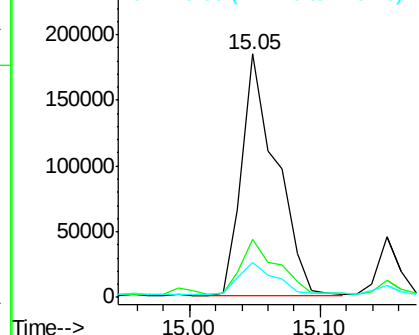
#88
Benzo(k)fluoranthene
Concen: 20.38 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.06 min
Lab File: BF092972.D
Acq: 16 Feb 2017 00:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 337456
Ion Ratio Lower Upper
252 100
253 23.7 18.5 27.7
125 14.6 8.9 13.3#

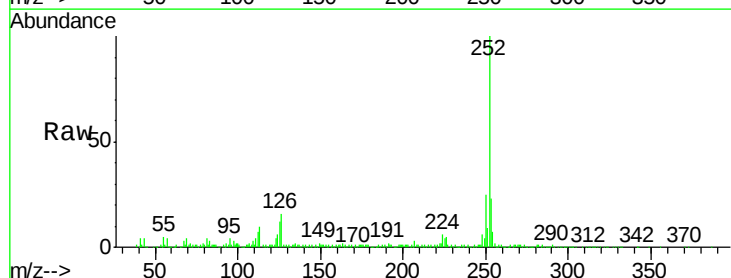


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

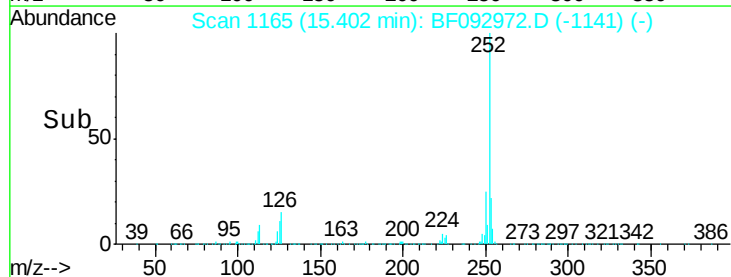
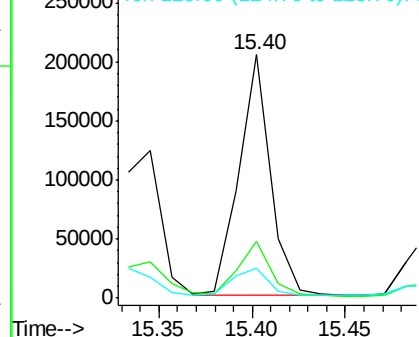


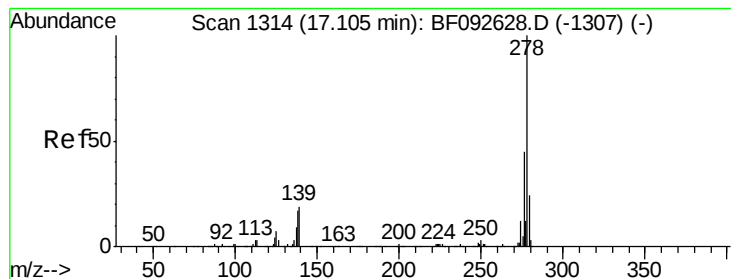
#89
Benzo(a)pyrene
Concen: 14.39 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF092972.D
Acq: 16 Feb 2017 00:59

Tgt Ion:252 Resp: 238676
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.2
125 12.3 10.0 15.0



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





#90

Dibenzo(a,h)anthracene

Concen: 2.43 ng

RT: 16.88 min Scan# 1294

Delta R.T. -0.06 min

Lab File: BF092972.D

Acq: 16 Feb 2017 00:59

Instrument :

BNA_F

ClientSampleId :

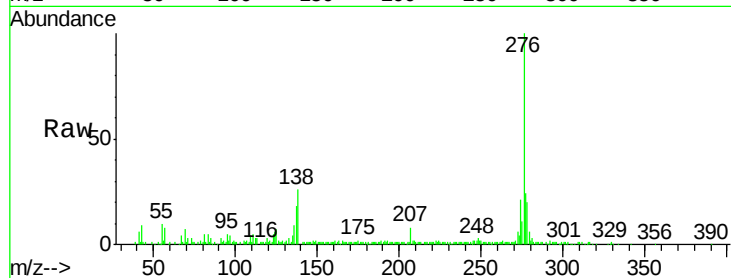
Tot Ion:278 Resp: 32559

Ion Ratio Lower Upper

278 100

139 0.0 14.8 22.2#

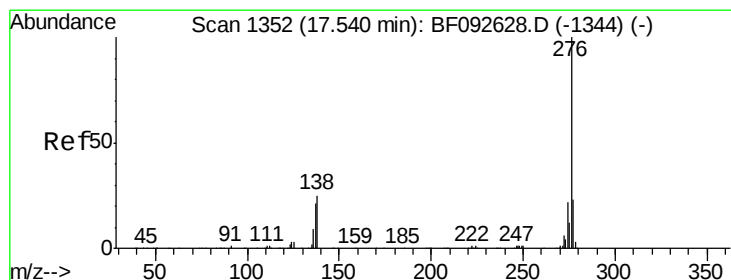
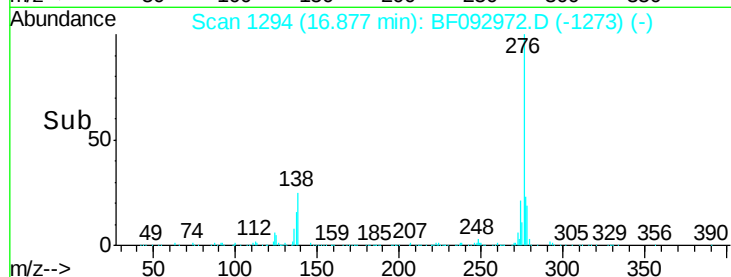
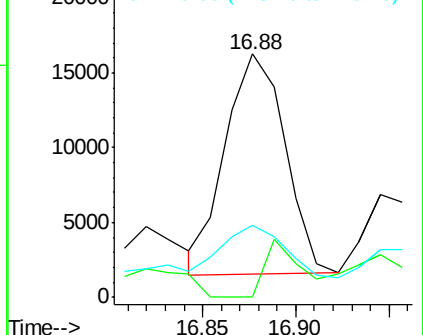
279 29.8 19.8 29.6#



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: 13.29 ng

RT: 17.30 min Scan# 1331

Delta R.T. -0.05 min

Lab File: BF092972.D

Acq: 16 Feb 2017 00:59

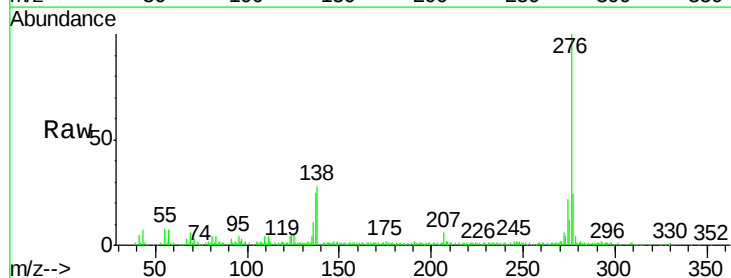
Tgt Ion:276 Resp: 180013

Ion Ratio Lower Upper

276 100

277 24.4 19.2 28.8

138 27.6 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

