

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022817\
 Data File : BF093247.D
 Acq On : 28 Feb 2017 14:36
 Operator : SJ/MA
 Sample : I2000-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 15:03:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	142745	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	526284	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	240740	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	392220	20.00	ng	-0.05
75) Chrysene-d12	13.96	240	295755	20.00	ng	-0.06
86) Perylene-d12	15.39	264	295022	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	986161	118.52	ng	-0.03
7) Phenol-d6	6.46	99	1249531	116.72	ng	-0.02
23) Nitrobenzene-d5	7.38	82	755951	79.99	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	183279	105.26	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	1169433	88.00	ng	-0.06
78) Terphenyl-d14	12.91	244	722313	57.39	ng	-0.06

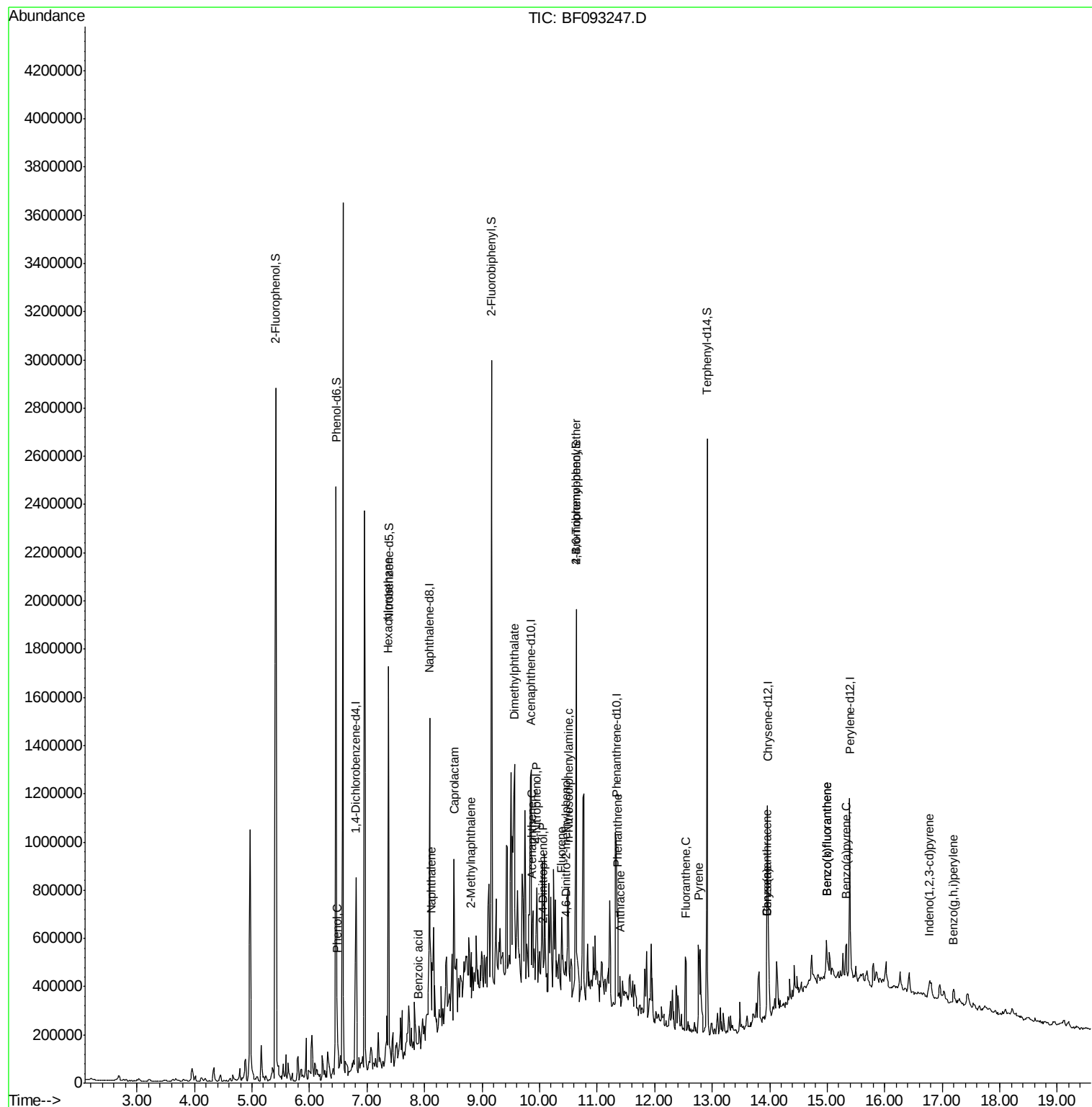
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.48	94	45041	3.60	ng	# 73
18) Hexachloroethane	7.37	117	25137	6.77	ng	# 3
31) Naphthalene	8.11	128	80612	3.02	ng	# 93
32) Benzoic acid	7.89	122	3930	7.89	ng	# 37
35) Caprolactam	8.51	113	14106	5.94	ng	# 1
37) 2-Methylnaphthalene	8.81	142	70064	4.09	ng	96
49) Dimethylphthalate	9.56	163	97184	5.99	ng	99
51) Acenaphthene	9.87	154	30026	2.13	ng	# 87
53) 2,4-Dinitrophenol	10.06	184	1337	5.44	ng	# 1
55) 4-Nitrophenol	9.95	139	9658	3.35	ng	# 21
57) Fluorene	10.38	166	36474	2.52	ng	# 81
64) 4,6-Dinitro-2-methylphenol	10.45	198	290	2.78	ng	# 1
65) n-Nitrosodiphenylamine	10.50	169	59335	4.74	ng	# 51
66) 4-Bromophenyl-phenylether	10.64	248	14336	3.50	ng	# 1
70) Phenanthrene	11.36	178	220018	9.79	ng	98
71) Anthracene	11.40	178	48804	2.16	ng	98
74) Fluoranthene	12.54	202	181270	7.82	ng	92
77) Pyrene	12.76	202	214464	9.69	ng	98
80) Benzo(a)anthracene	13.95	228	98949	5.47	ng	97
82) Chrysene	13.95	228	98949	5.84	ng	93
85) Indeno(1,2,3-cd)pyrene	16.77	276	34480	2.63	ng	94
87) Benzo(b)fluoranthene	14.99	252	115324	5.94	ng	# 92
88) Benzo(k)fluoranthene	14.99	252	115362	6.88	ng	# 92
89) Benzo(a)pyrene	15.33	252	72835	4.34	ng	# 96
91) Benzo(g,h,i)perylene	17.20	276	37786	2.76	ng	# 91

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF093247.D

Acq: 28 Feb 2017 14:36

Instrument :

BNA_F

ClientSampled :

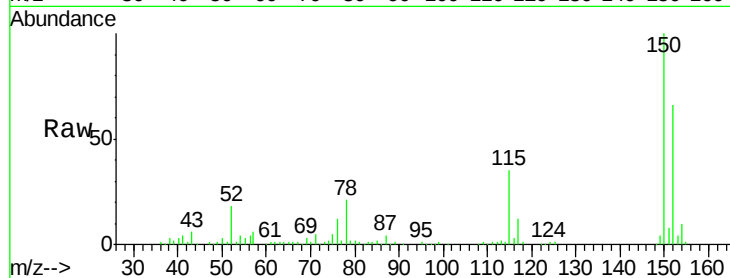
Tot Ion:152 Resp: 142745

Ion Ratio Lower Upper

152 100

150 152.4 124.9 187.3

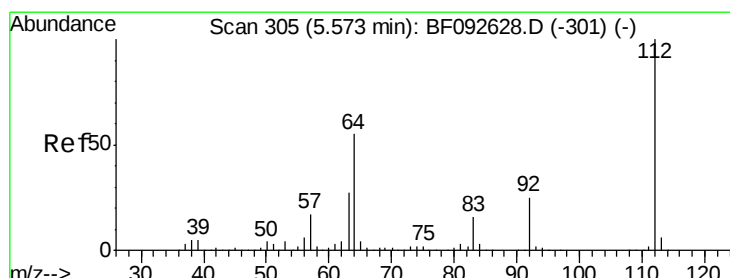
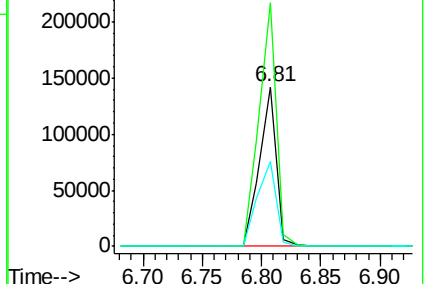
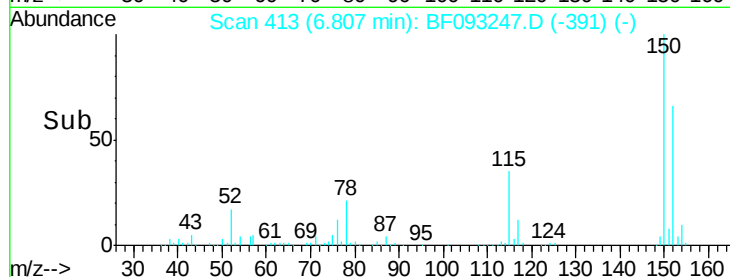
115 53.4 46.0 69.0



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: 118.52 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF093247.D

Acq: 28 Feb 2017 14:36

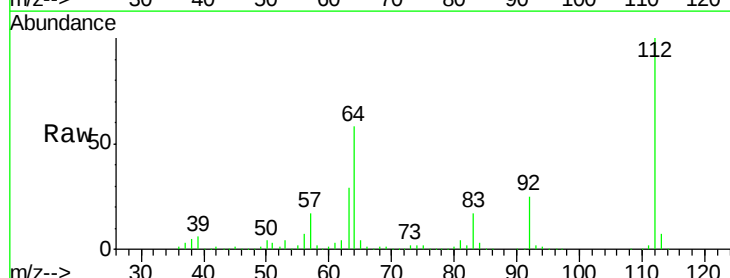
Tgt Ion:112 Resp: 986161

Ion Ratio Lower Upper

112 100

64 58.0 46.1 69.1

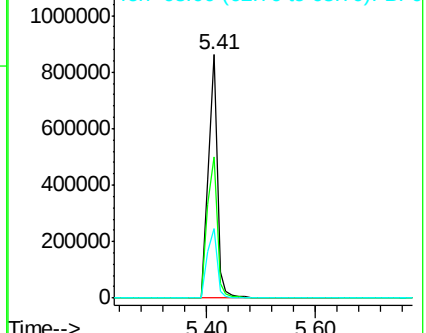
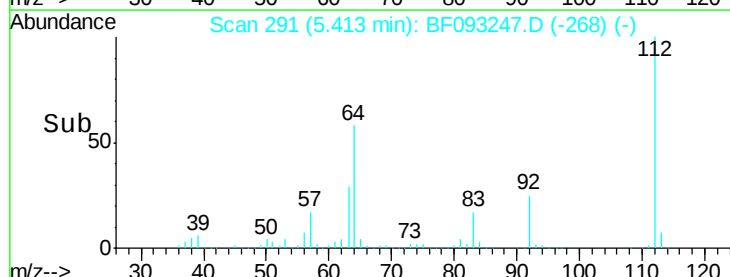
63 28.8 23.8 35.6

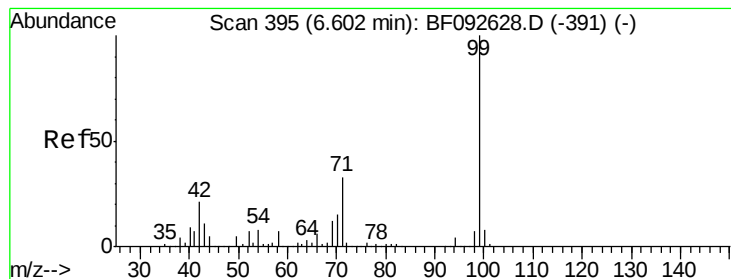


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.72 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF093247.D

Acq: 28 Feb 2017 14:36

Instrument :

BNA_F

ClientSampled :

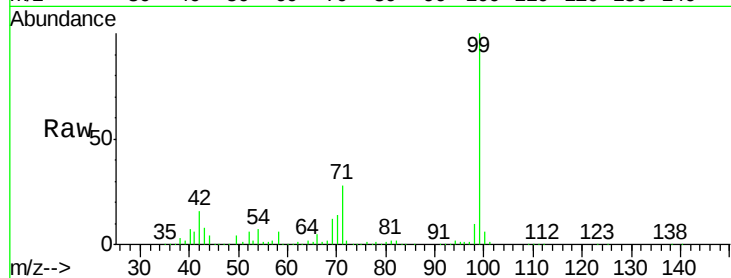
Tot Ion: 99 Resp: 1249531

Ion Ratio Lower Upper

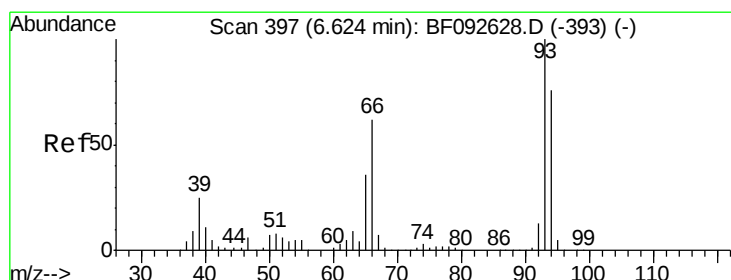
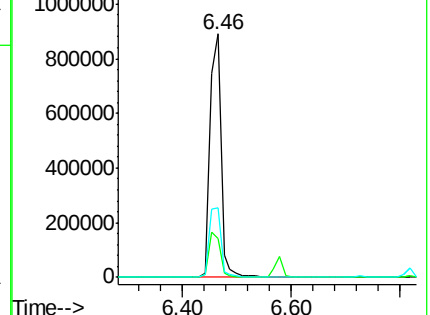
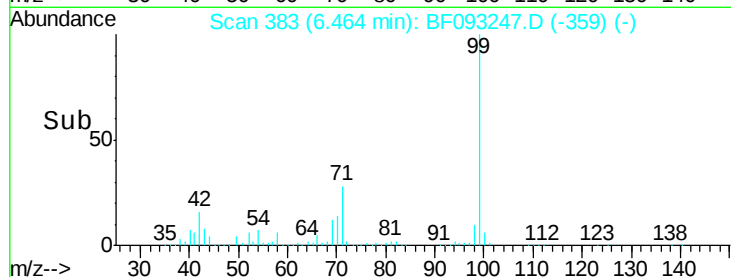
99 100

42 15.9 15.6 23.4

71 28.4 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: 3.60 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF093247.D

Acq: 28 Feb 2017 14:36

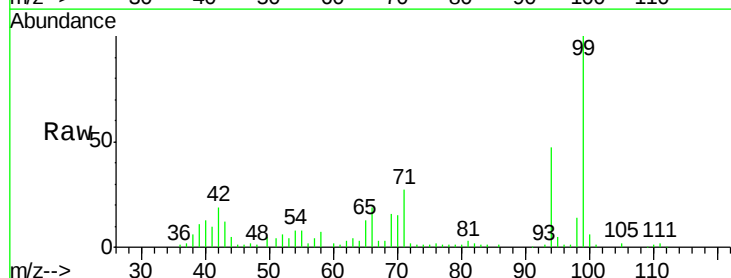
Tgt Ion: 94 Resp: 45041

Ion Ratio Lower Upper

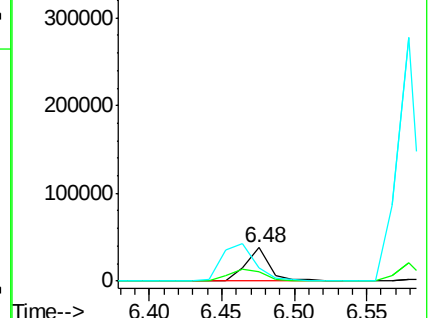
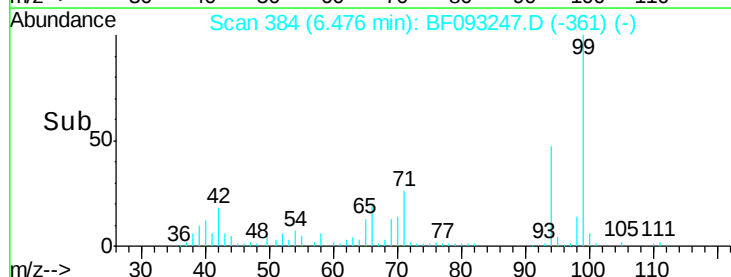
94 100

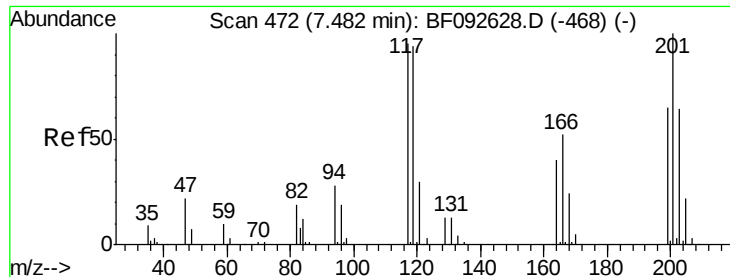
65 26.8 21.4 61.4

66 40.7 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

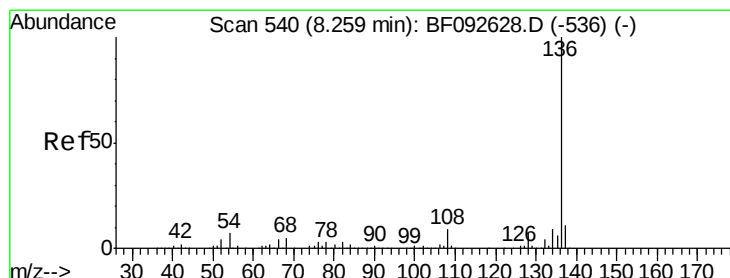
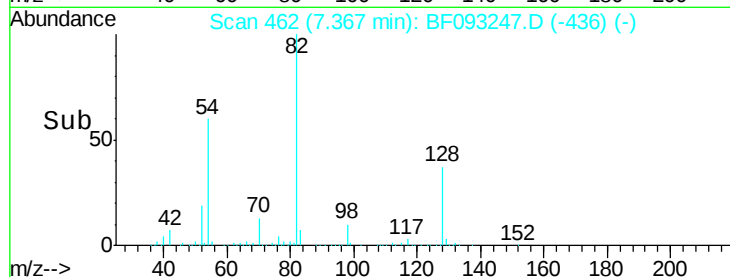
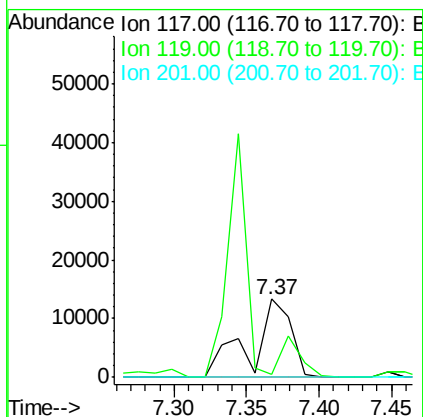
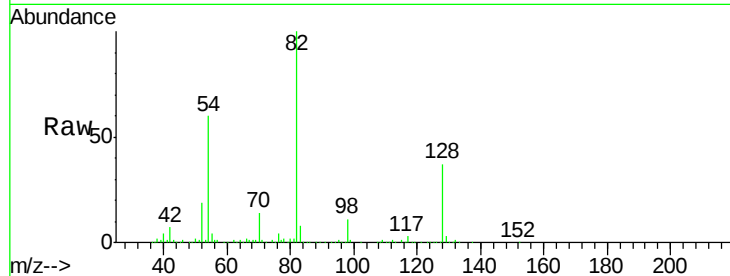




#18
Hexachloroethane
Concen: 6.77 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF093247.D
Acq: 28 Feb 2017 14:36

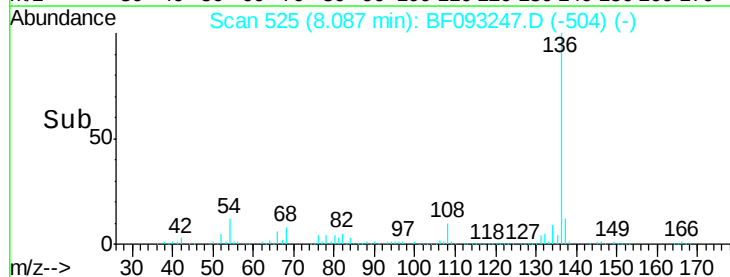
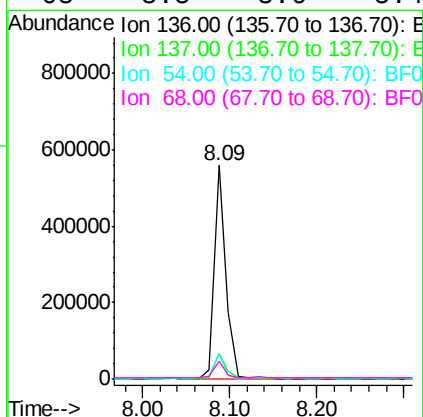
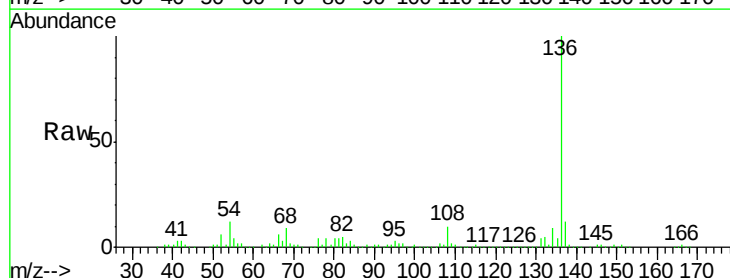
Instrument :
BNA_F
ClientSampleId :

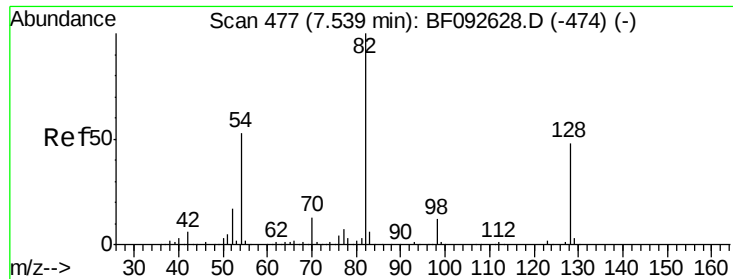
Tot Ion:117 Resp: 25137
Ion Ratio Lower Upper
117 100
119 3.6 78.1 117.1#
201 0.0 78.6 117.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093247.D
Acq: 28 Feb 2017 14:36

Tgt Ion:136 Resp: 526284
Ion Ratio Lower Upper
136 100
137 11.7 8.4 12.6
54 12.3 4.5 6.7#
68 8.5 3.6 5.4#

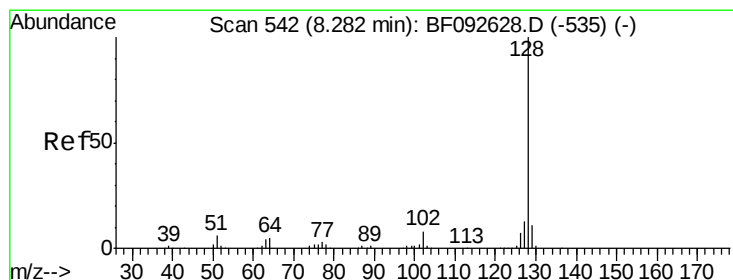
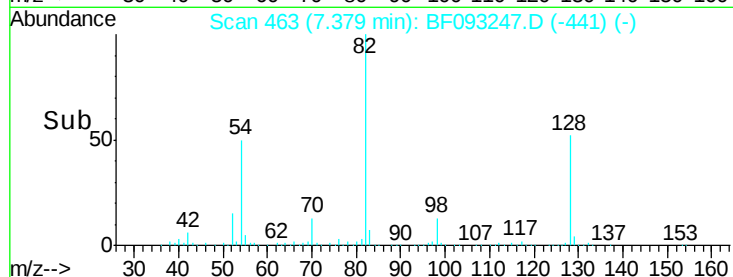
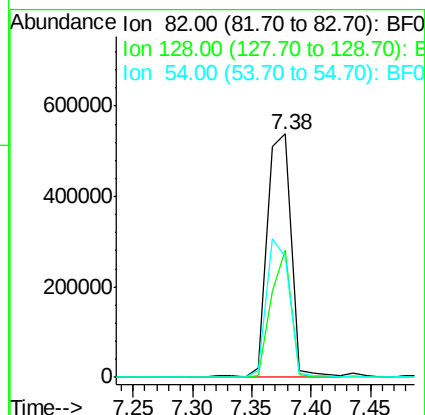
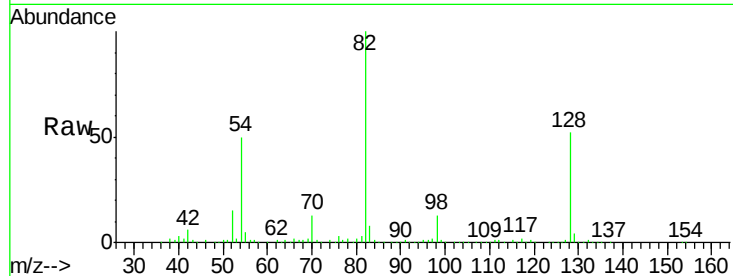




#23
Nitrobenzene-d5
Concen: 79.99 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093247.D
Acq: 28 Feb 2017 14:36

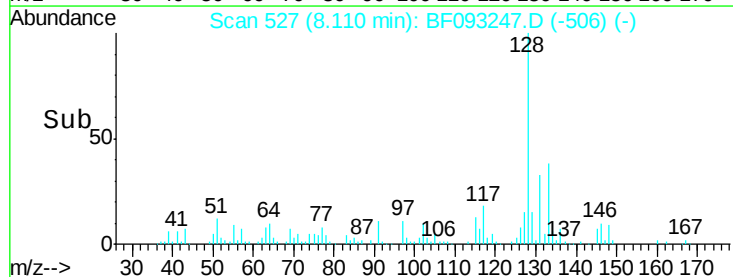
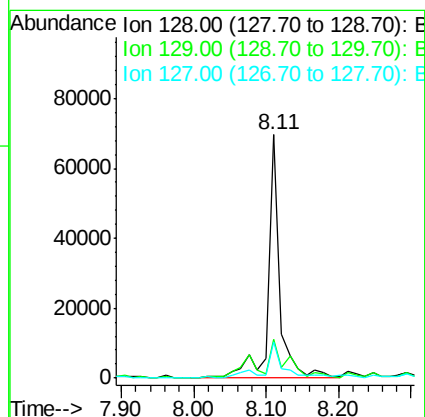
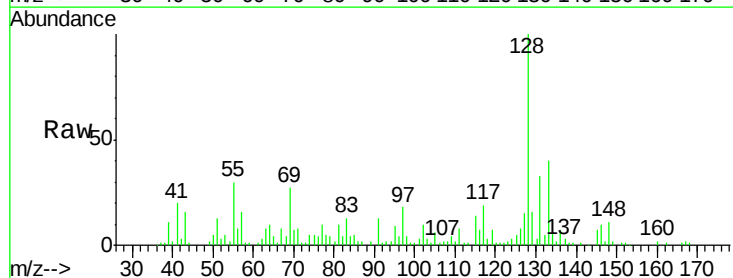
Instrument :
BNA_F
ClientSampleId :

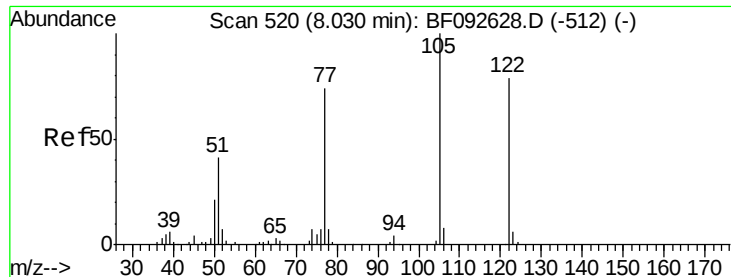
Tot Ion: 82 Resp: 755951
Ion Ratio Lower Upper
82 100
128 52.2 34.6 52.0#
54 49.7 39.5 59.3



#31
Naphthalene
Concen: 3.02 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.06 min
Lab File: BF093247.D
Acq: 28 Feb 2017 14:36

Tgt Ion:128 Resp: 80612
Ion Ratio Lower Upper
128 100
129 15.9 9.5 14.3#
127 14.9 10.8 16.2

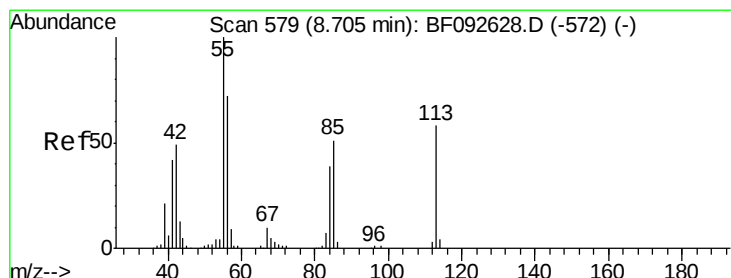
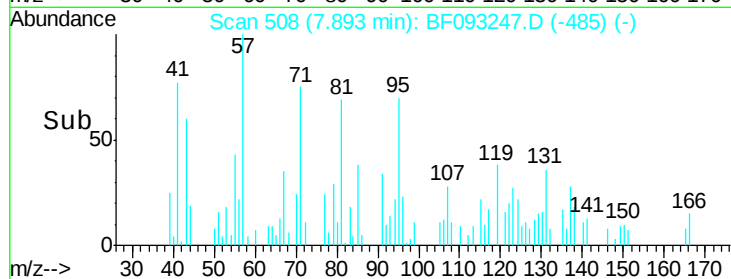
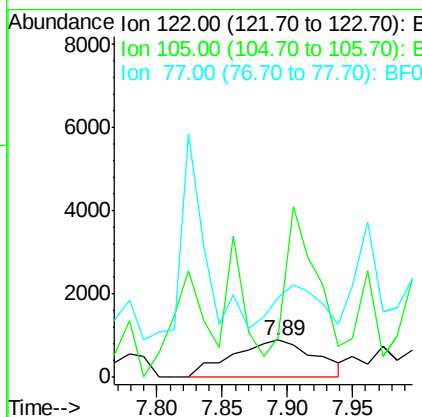
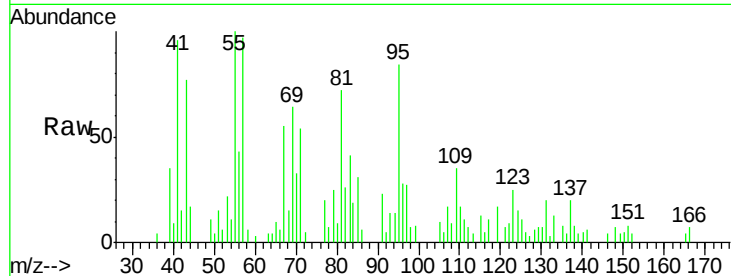




#32
Benzoic acid
Concen: 7.89 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.03 min
Lab File: BF093247.D
Acq: 28 Feb 2017 14:36

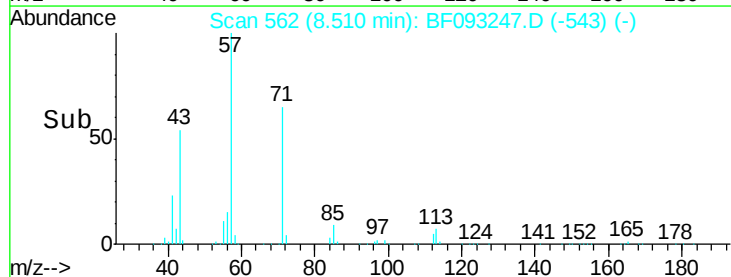
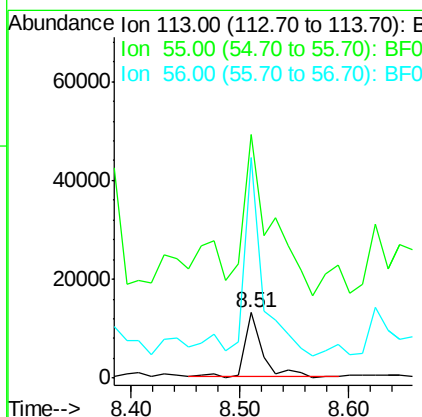
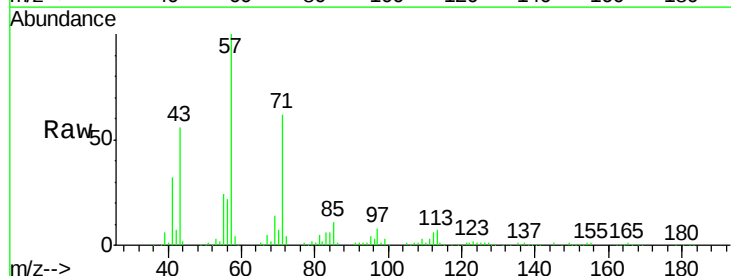
Instrument :
BNA_F
ClientSampleId :

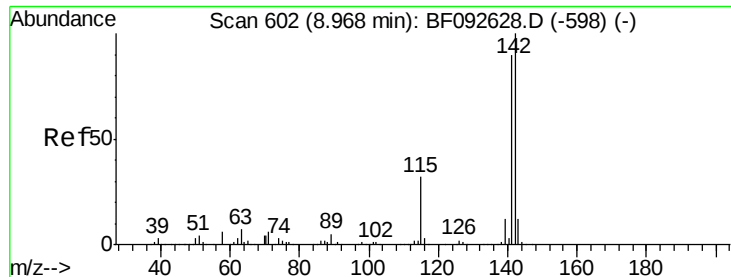
Tot Ion:122 Resp: 3930
Ion Ratio Lower Upper
122 100
105 108.3 107.2 147.2
77 216.5 74.5 114.5#



#35
Caprolactam
Concen: 5.94 ng
RT: 8.51 min Scan# 562
Delta R.T. -0.08 min
Lab File: BF093247.D
Acq: 28 Feb 2017 14:36

Tgt Ion:113 Resp: 14106
Ion Ratio Lower Upper
113 100
55 372.2 119.2 159.2#
56 336.4 83.8 123.8#

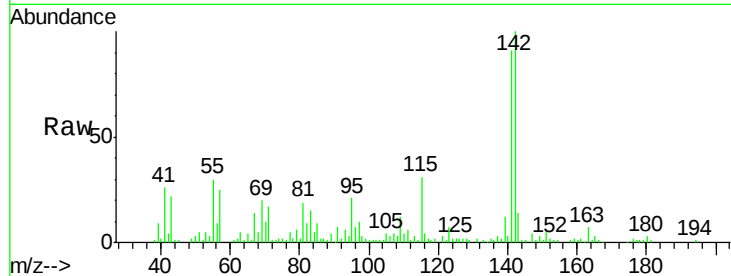




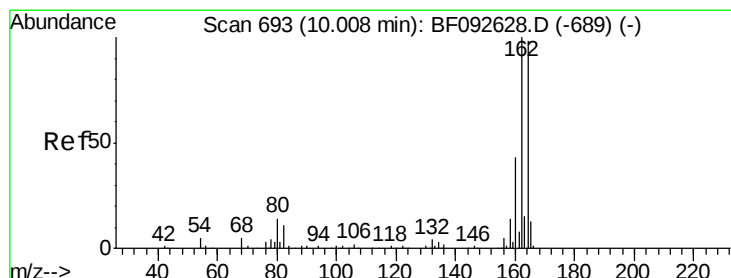
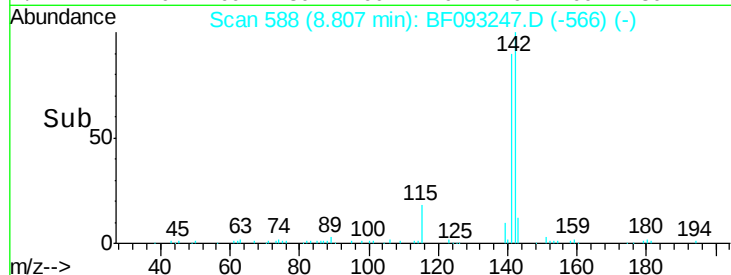
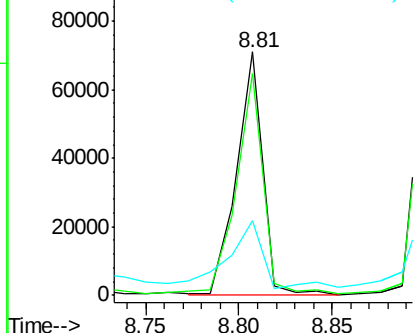
#37
 2-Methylnaphthalene
 Concen: 4.09 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.05 min
 Lab File: BF093247.D
 Acq: 28 Feb 2017 14:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 70064
 Ion Ratio Lower Upper
 142 100
 141 91.0 71.0 106.6
 115 30.5 28.3 42.5

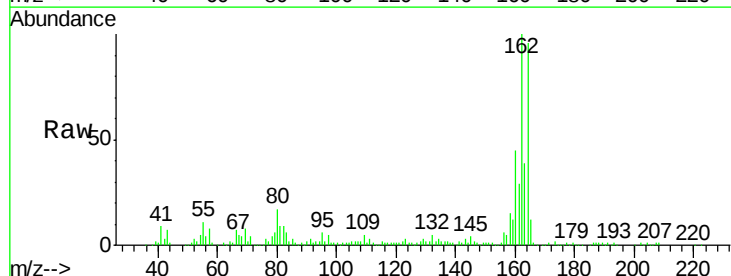


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

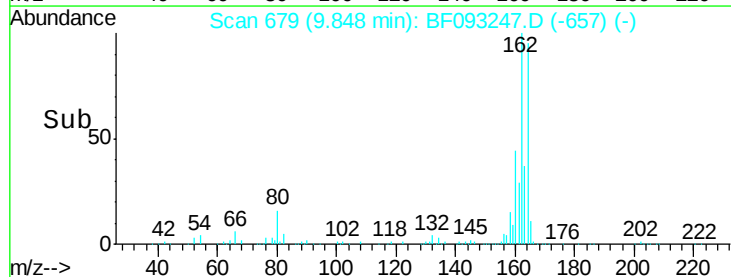
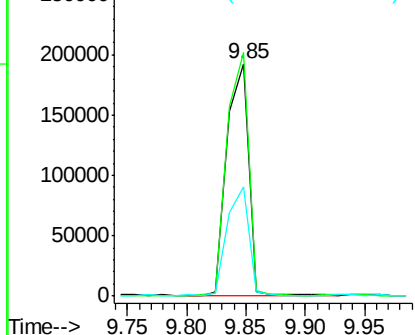


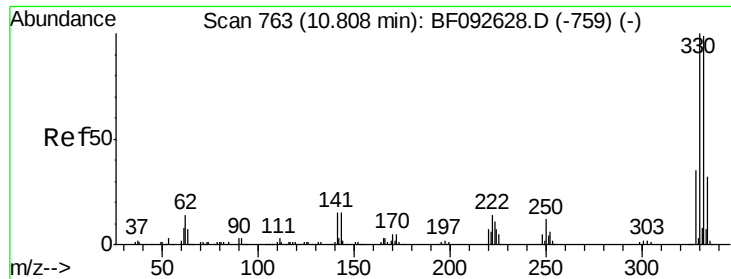
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF093247.D
 Acq: 28 Feb 2017 14:36

Tgt Ion:164 Resp: 240740
 Ion Ratio Lower Upper
 164 100
 162 104.6 80.2 120.2
 160 46.9 36.9 55.3



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

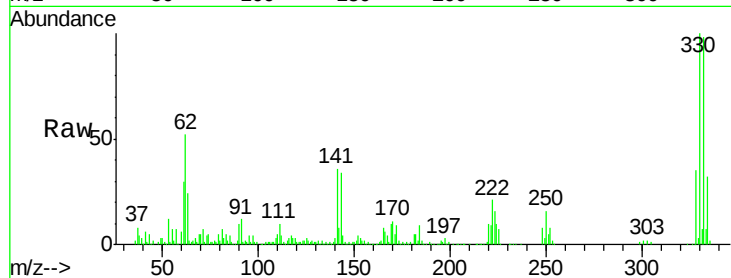




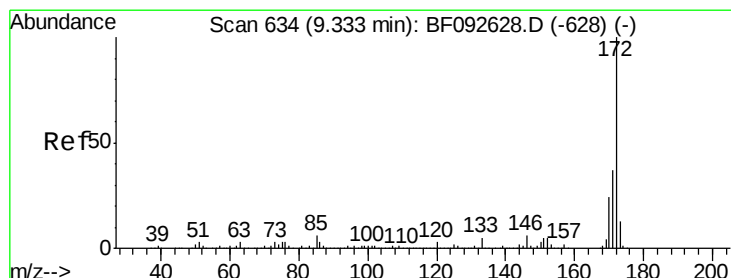
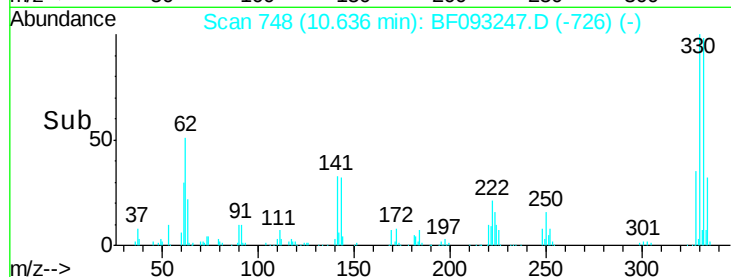
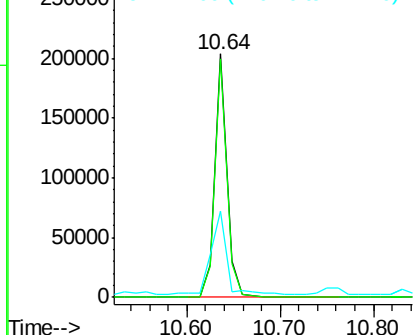
#41
 2,4,6-Tribromophenol
 Concen: 105.26 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.05 min
 Lab File: BF093247.D
 Acq: 28 Feb 2017 14:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 183279
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 44.9 34.1 51.1

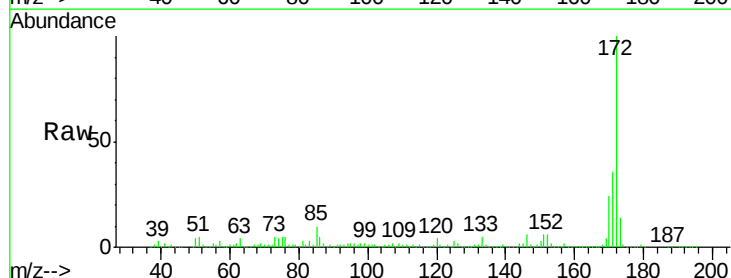


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

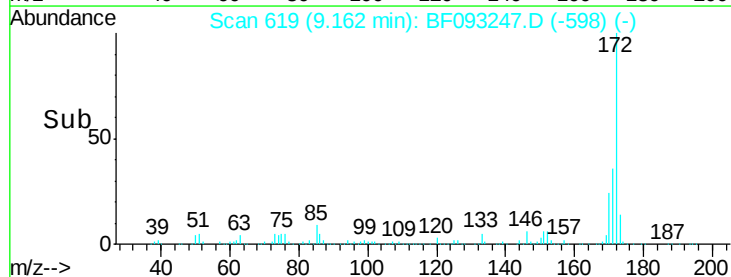
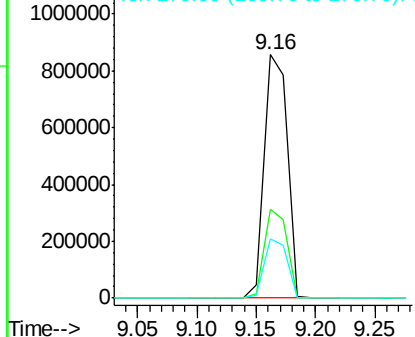


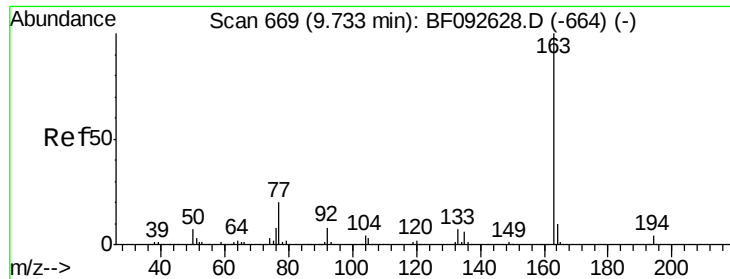
#44
 2-Fluorobiphenyl
 Concen: 88.00 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF093247.D
 Acq: 28 Feb 2017 14:36

Tgt Ion:172 Resp: 1169433
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.2 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

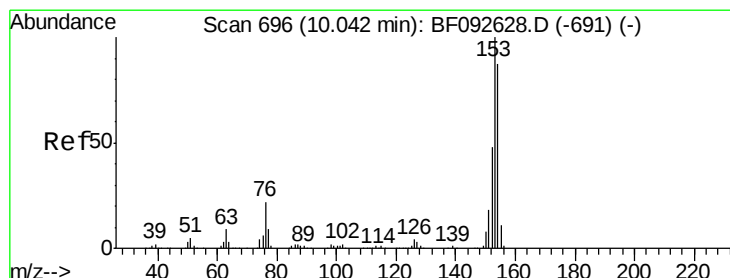
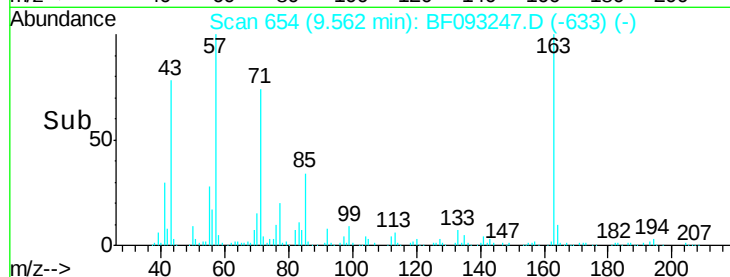
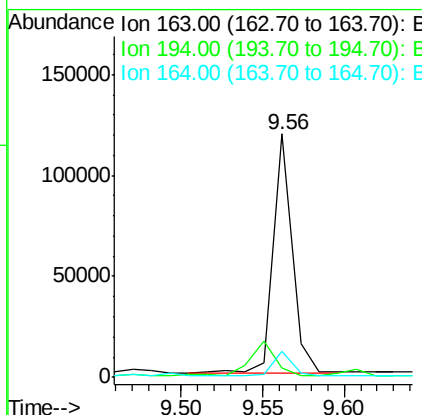
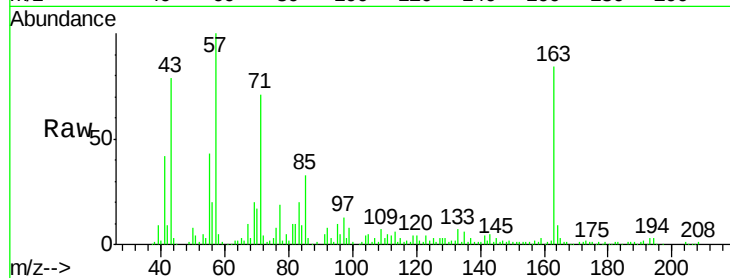




#49
Dimethylphthalate
Concen: 5.99 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF093247.D
Acq: 28 Feb 2017 14:36

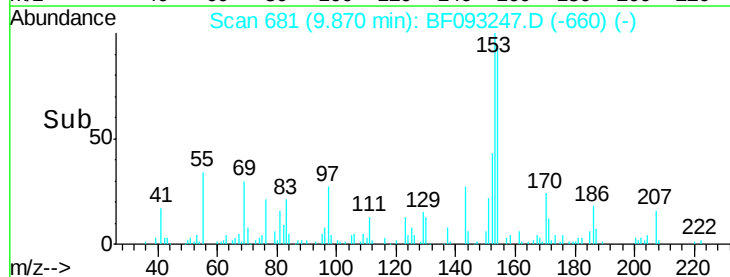
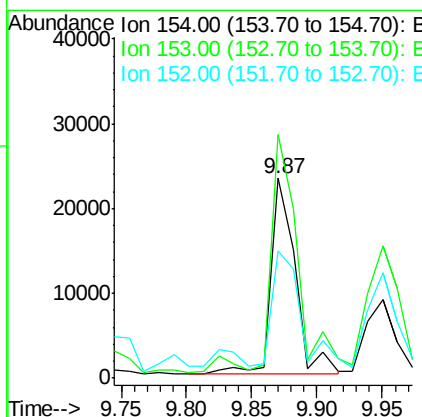
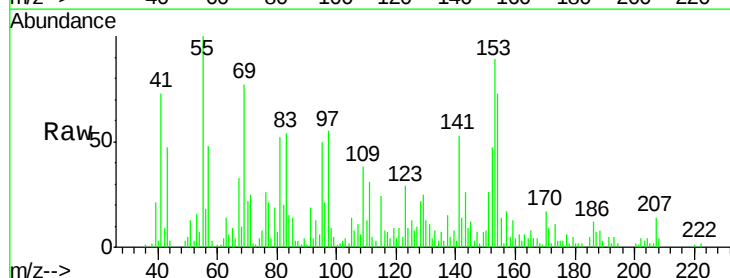
Instrument :
BNA_F
ClientSampleId :

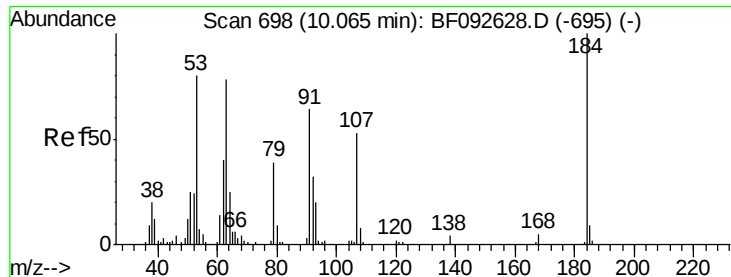
Tot Ion:163 Resp: 97184
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.6 8.0 12.0



#51
Acenaphthene
Concen: 2.13 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.06 min
Lab File: BF093247.D
Acq: 28 Feb 2017 14:36

Tgt Ion:154 Resp: 30026
Ion Ratio Lower Upper
154 100
153 122.0 88.6 133.0
152 63.9 41.6 62.4#

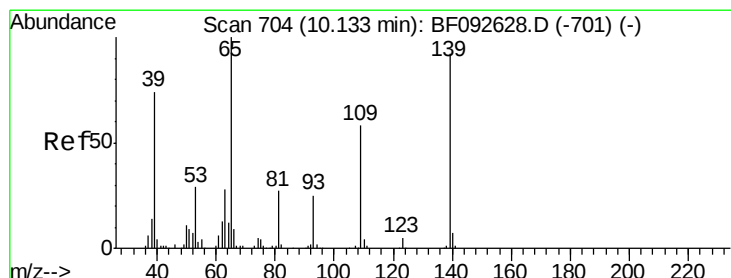
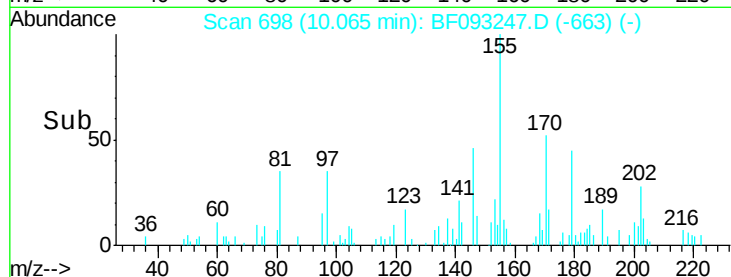
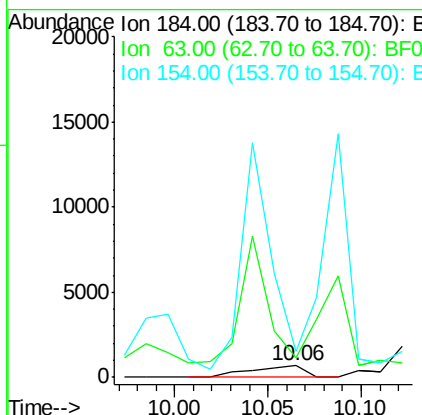
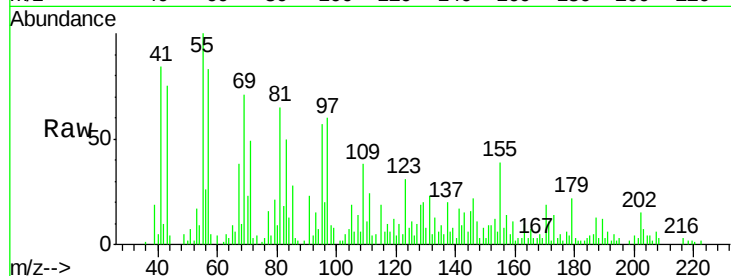




#53
 2,4-Dinitrophenol
 Concen: 5.44 ng
 RT: 10.06 min Scan# 698
 Delta R.T. 0.10 min
 Lab File: BF093247.D
 Acq: 28 Feb 2017 14:36

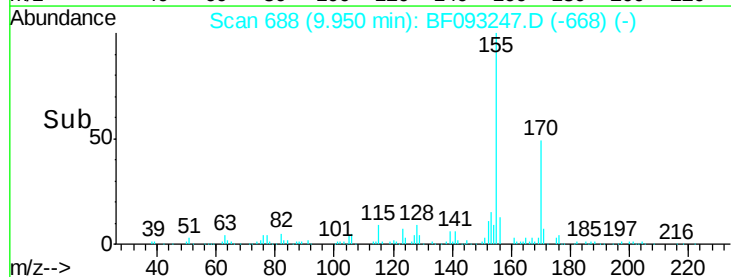
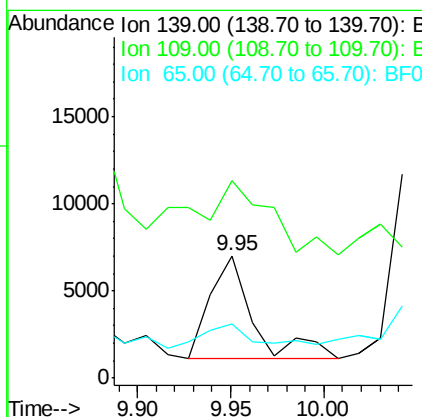
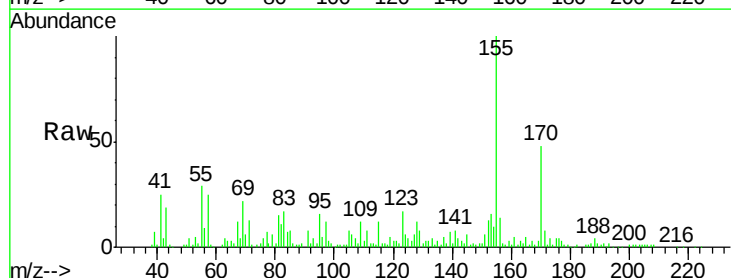
Instrument :
 BNA_F
 ClientSampled :

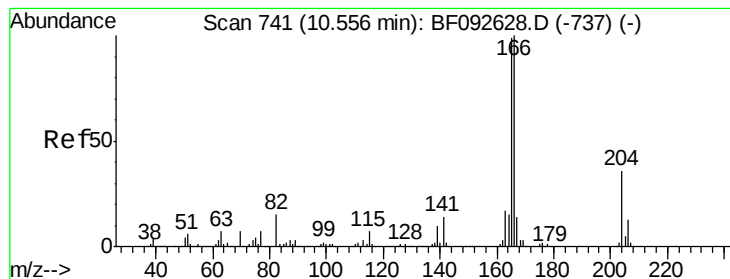
Tot Ion:184 Resp: 1337
 Ion Ratio Lower Upper
 184 100
 63 166.2 28.4 42.6#
 154 224.0 44.3 66.5#



#55
 4-Nitrophenol
 Concen: 3.35 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.07 min
 Lab File: BF093247.D
 Acq: 28 Feb 2017 14:36

Tgt Ion:139 Resp: 9658
 Ion Ratio Lower Upper
 139 100
 109 162.1 52.2 92.2#
 65 44.0 85.8 125.8#





#57

Fluorene

Concen: 2.52 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.06 min

Lab File: BF093247.D

Acq: 28 Feb 2017 14:36

Instrument :

BNA_F

ClientSampleId :

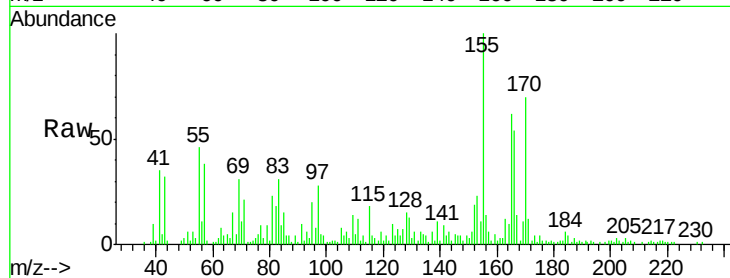
Tot Ion:166 Resp: 36474

Ion Ratio Lower Upper

166 100

165 114.9 77.8 116.8

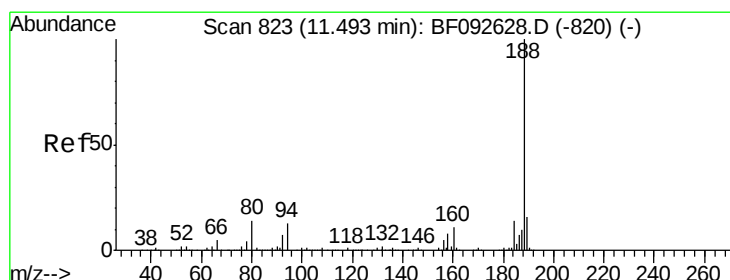
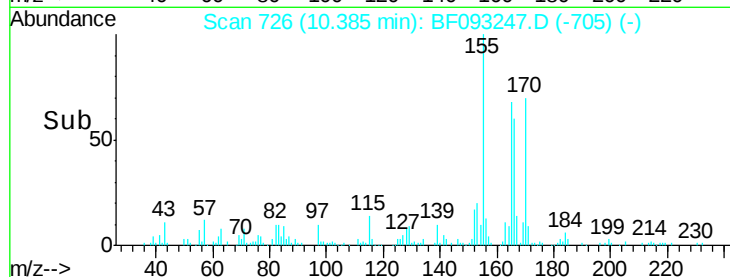
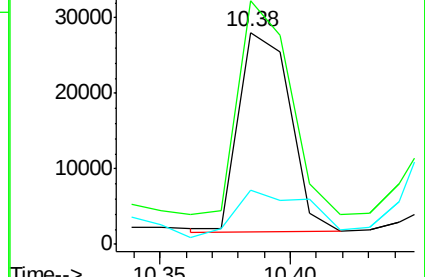
167 25.8 10.8 16.2#



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: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF093247.D

Acq: 28 Feb 2017 14:36

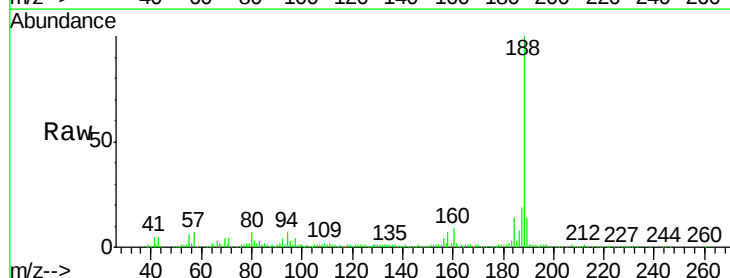
Tgt Ion:188 Resp: 392220

Ion Ratio Lower Upper

188 100

94 7.3 10.0 15.0#

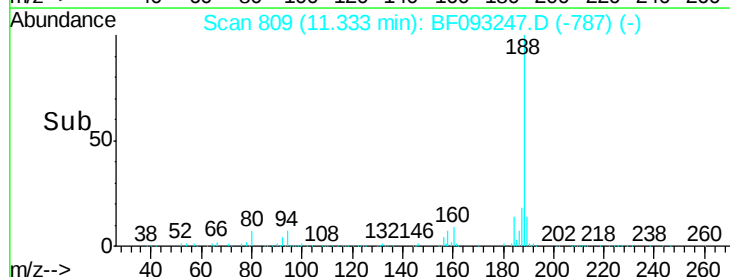
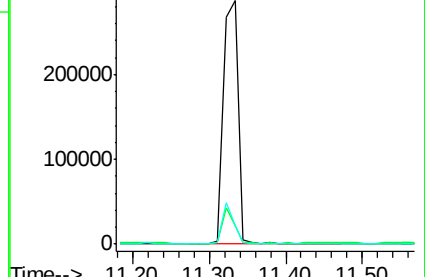
80 7.5 11.2 16.8#

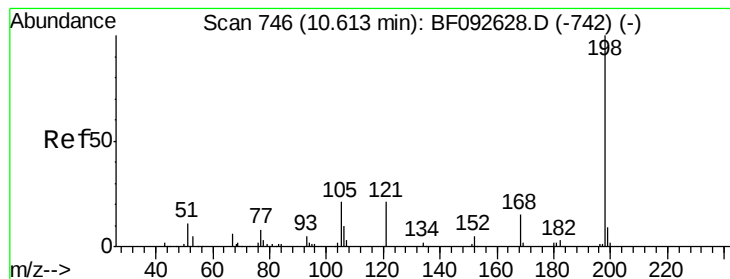


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.78 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.05 min

Lab File: BF093247.D

Acq: 28 Feb 2017 14:36

Instrument :

BNA_F

ClientSampleId :

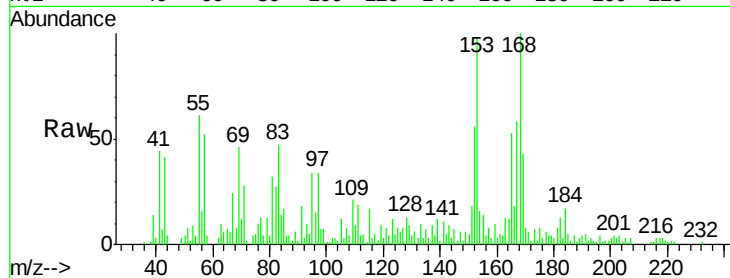
Tot Ion:198 Resp: 290

Ion Ratio Lower Upper

198 100

51 538.1 6.7 46.7#

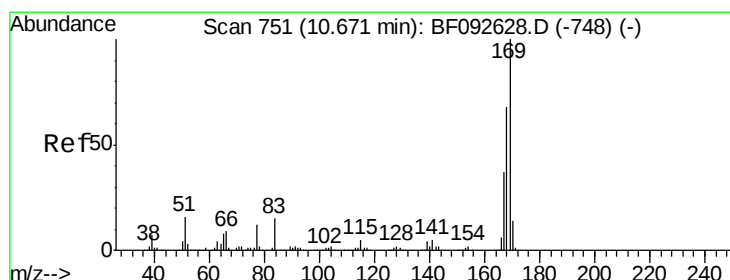
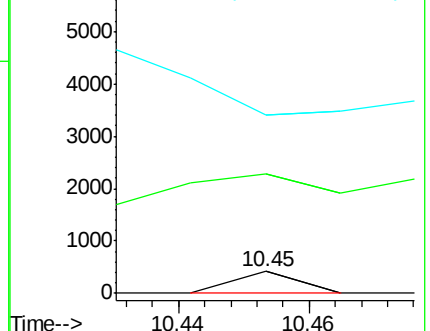
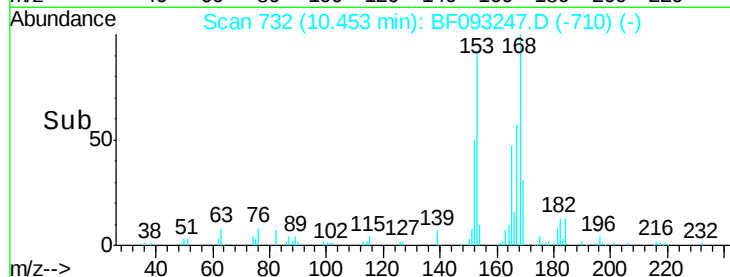
105 804.5 16.6 56.6#



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



#65

n-Nitrosodiphenylamine

Concen: 4.74 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.06 min

Lab File: BF093247.D

Acq: 28 Feb 2017 14:36

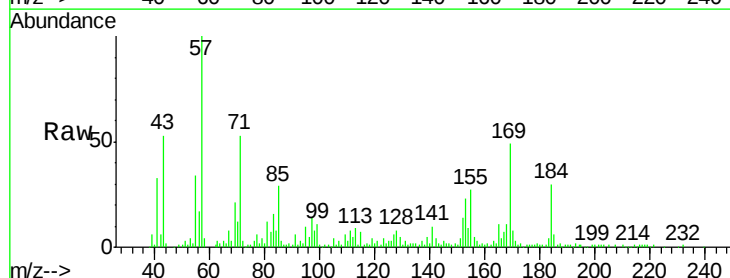
Tgt Ion:169 Resp: 59335

Ion Ratio Lower Upper

169 100

168 23.3 54.2 81.2#

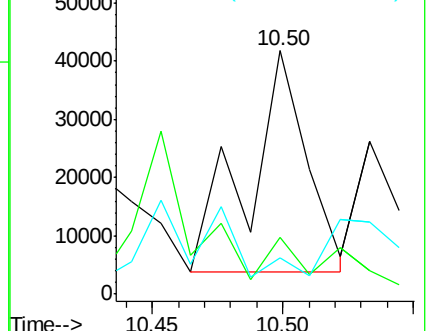
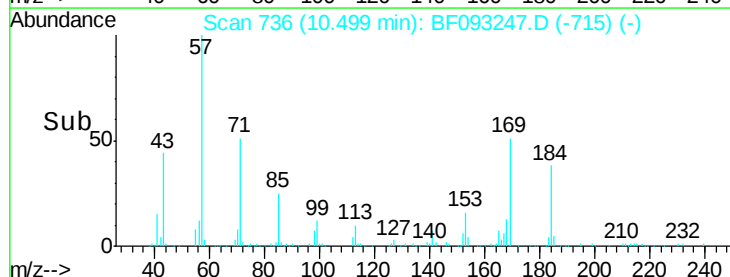
167 15.1 30.2 45.4#

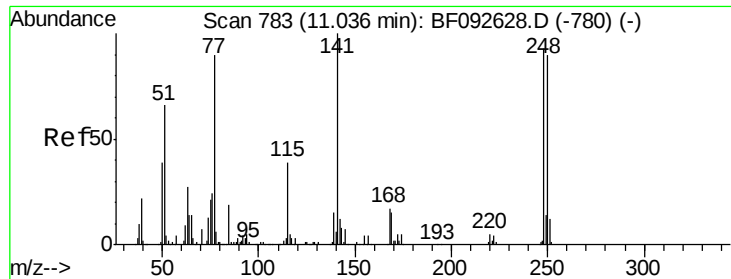


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 3.50 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.29 min

Lab File: BF093247.D

Acq: 28 Feb 2017 14:36

Instrument :

BNA_F

ClientSampled :

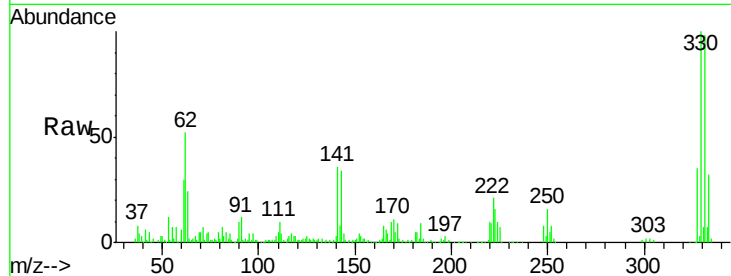
Tot Ion:248 Resp: 14336

Ion Ratio Lower Upper

248 100

250 201.9 76.9 115.3#

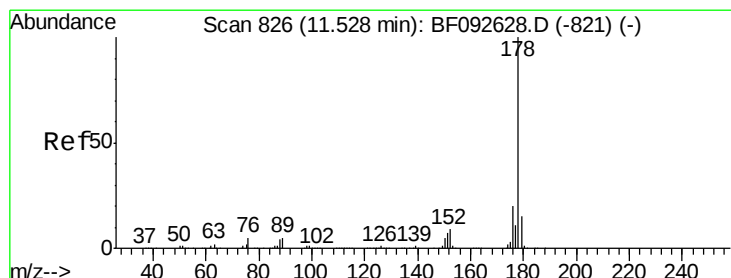
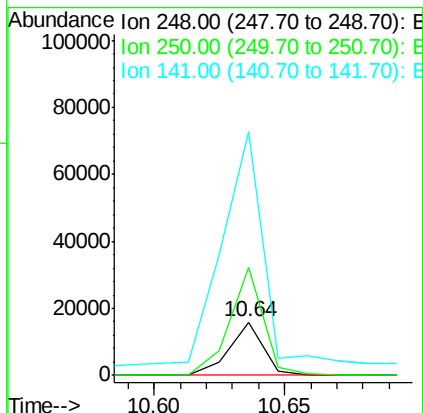
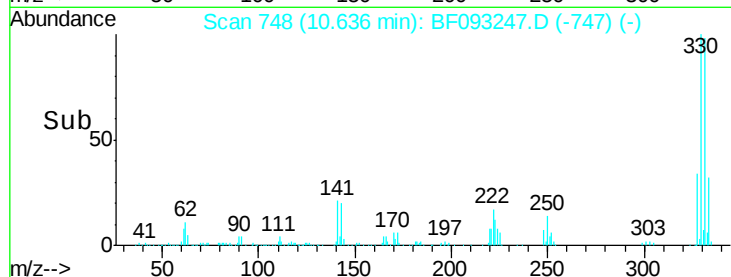
141 455.1 68.2 102.4#



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: 9.79 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.05 min

Lab File: BF093247.D

Acq: 28 Feb 2017 14:36

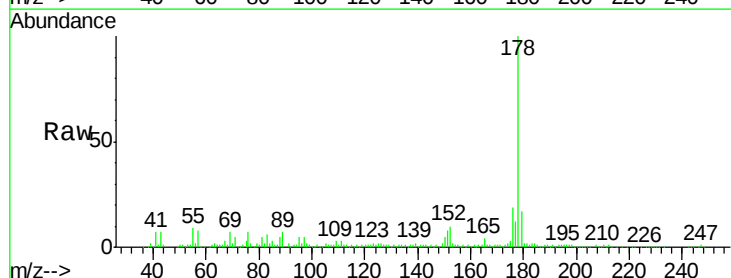
Tgt Ion:178 Resp: 220018

Ion Ratio Lower Upper

178 100

176 19.5 16.6 25.0

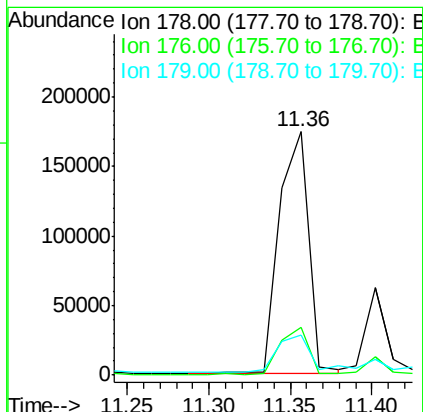
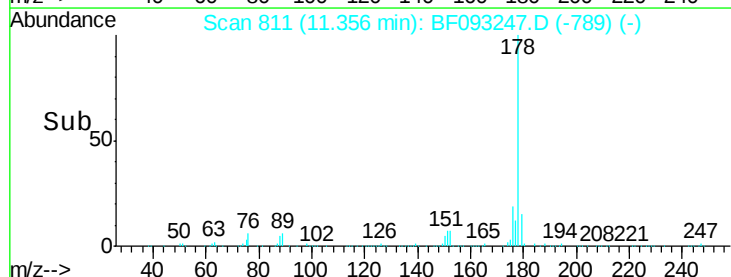
179 16.6 12.8 19.2

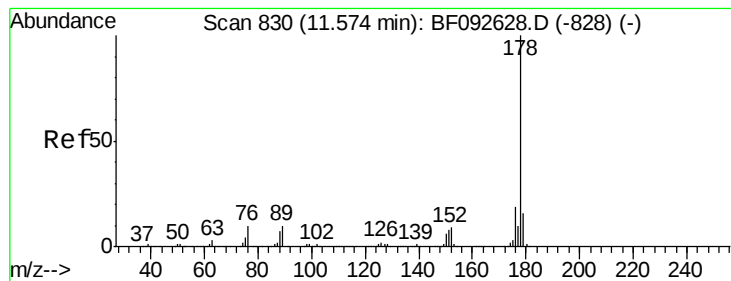


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 2.16 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.06 min

Lab File: BF093247.D

Acq: 28 Feb 2017 14:36

Instrument :

BNA_F

ClientSampleId :

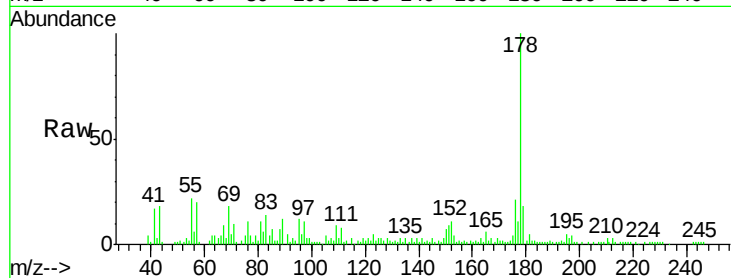
Tot Ion:178 Resp: 48804

Ion Ratio Lower Upper

178 100

176 20.9 15.9 23.9

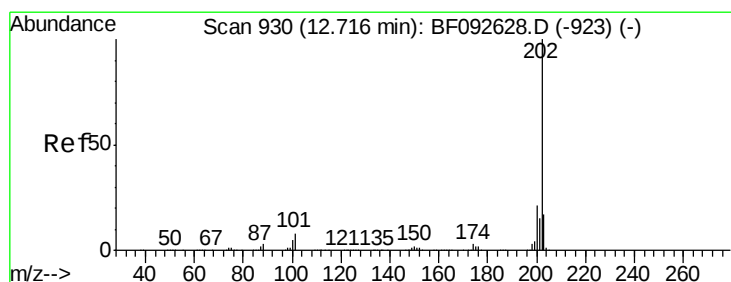
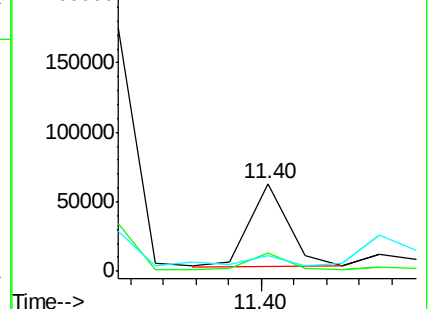
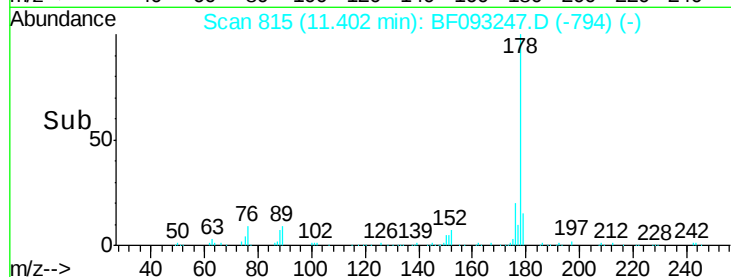
179 17.7 13.2 19.8



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: 7.82 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.05 min

Lab File: BF093247.D

Acq: 28 Feb 2017 14:36

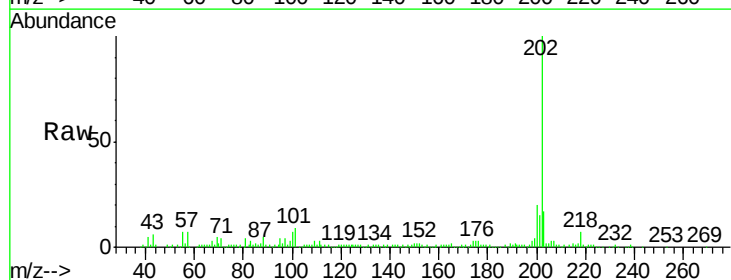
Tgt Ion:202 Resp: 181270

Ion Ratio Lower Upper

202 100

101 8.8 0.0 34.6

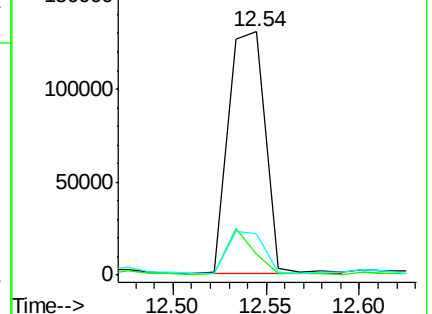
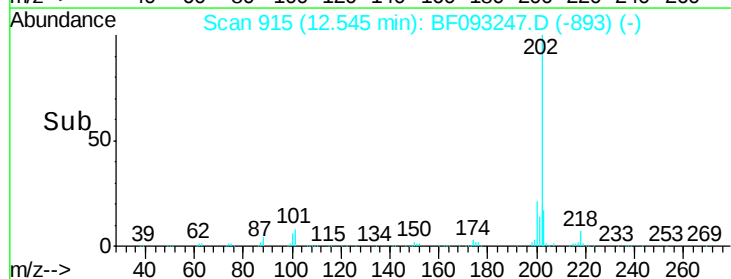
203 17.2 0.0 38.7

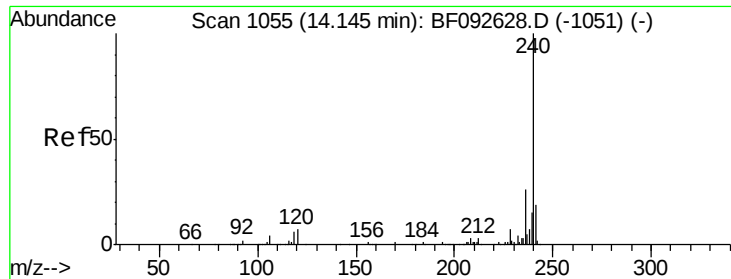


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.96 min Scan# 1039

Delta R.T. -0.06 min

Lab File: BF093247.D

Acq: 28 Feb 2017 14:36

Instrument :

BNA_F

ClientSampleId :

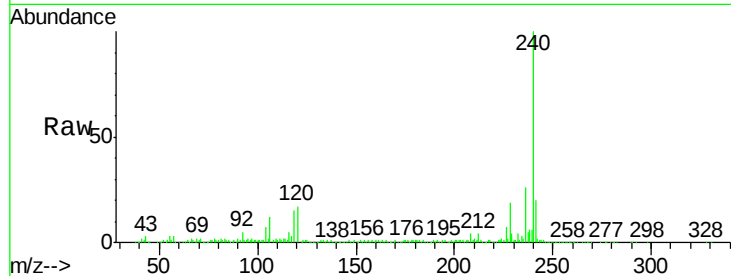
Tot Ion:240 Resp: 295755

Ion Ratio Lower Upper

240 100

120 17.3 12.9 19.3

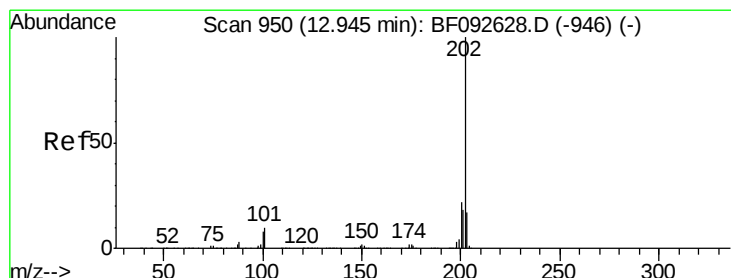
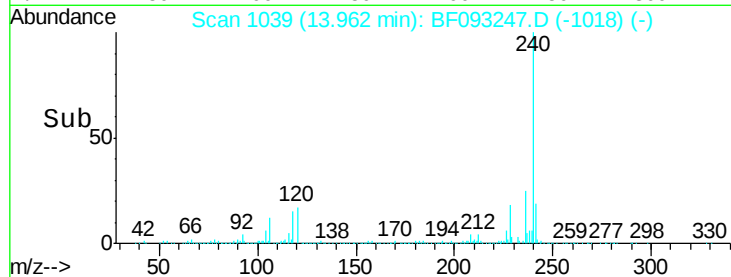
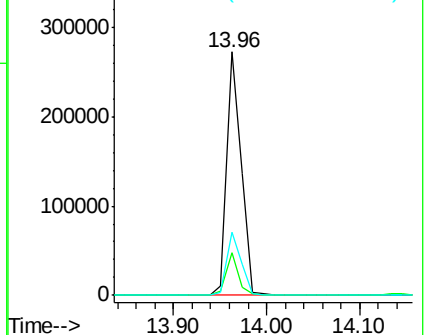
236 25.8 20.9 31.3



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: 9.69 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.06 min

Lab File: BF093247.D

Acq: 28 Feb 2017 14:36

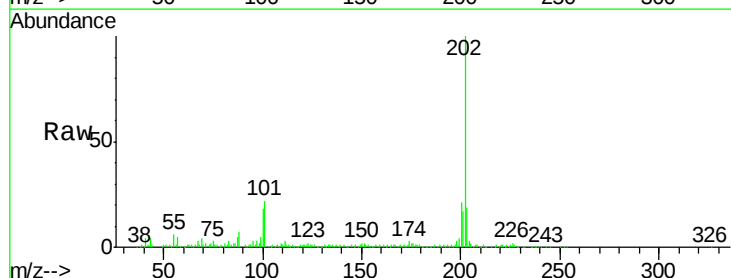
Tgt Ion:202 Resp: 214464

Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

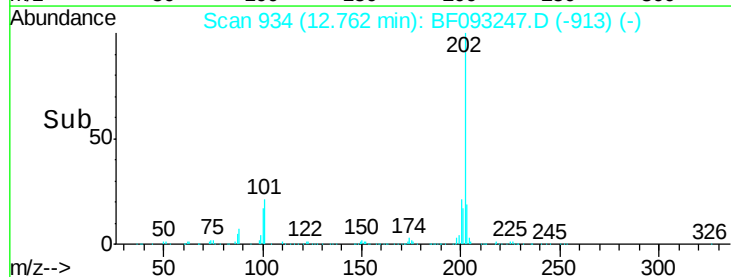
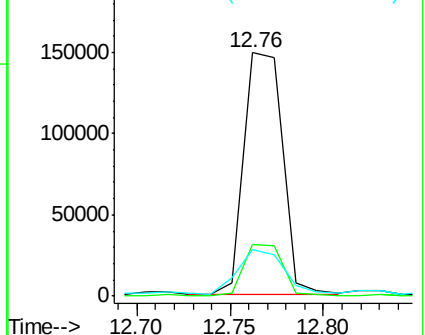
203 19.3 14.7 22.1

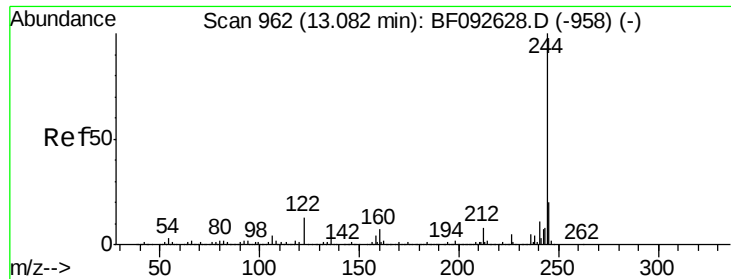


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 57.39 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF093247.D

Acq: 28 Feb 2017 14:36

Instrument :
BNA_F
ClientSampleId :

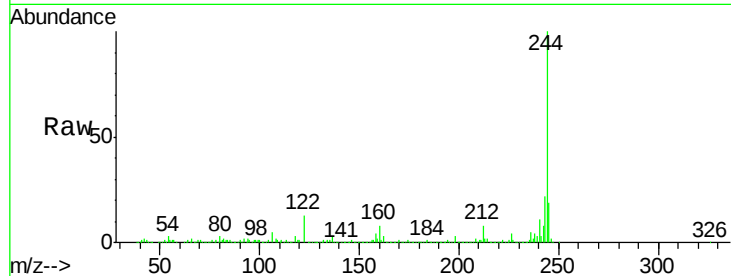
Tot Ion:244 Resp: 722313

Ion Ratio Lower Upper

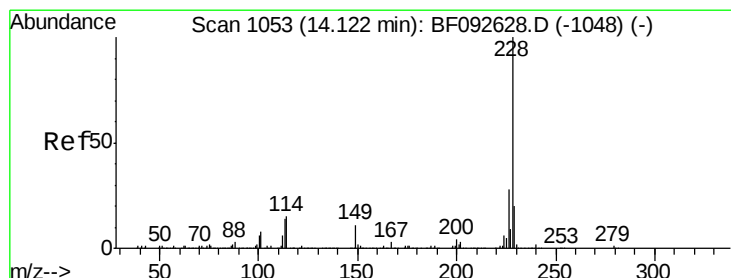
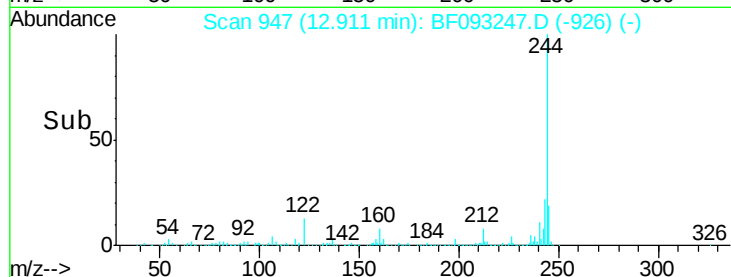
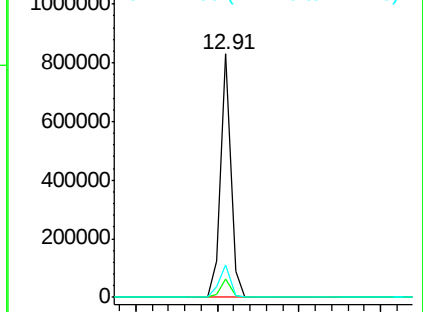
244 100

212 7.6 6.2 9.2

122 13.5 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



#80

Benzo(a)anthracene

Concen: 5.47 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.06 min

Lab File: BF093247.D

Acq: 28 Feb 2017 14:36

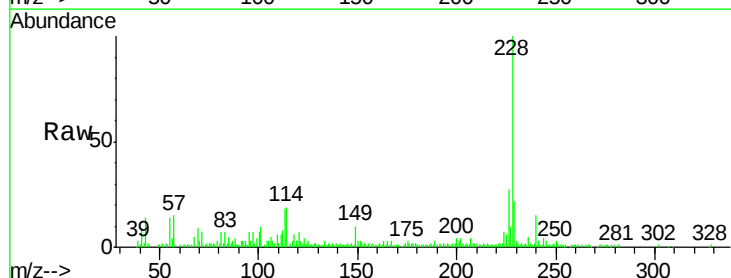
Tgt Ion:228 Resp: 98949

Ion Ratio Lower Upper

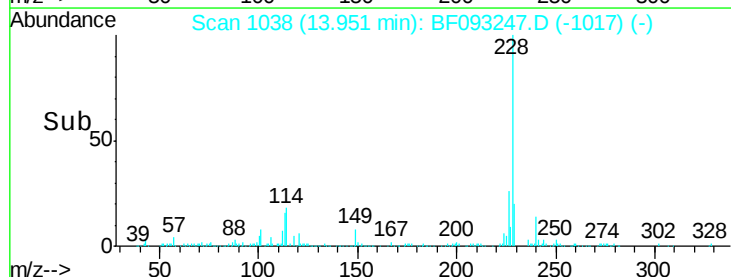
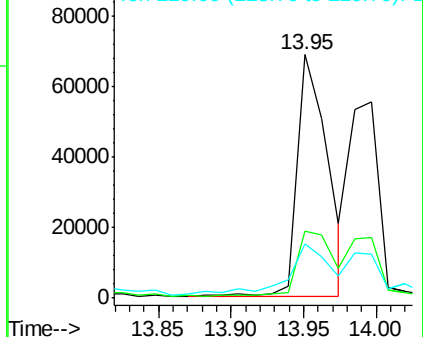
228 100

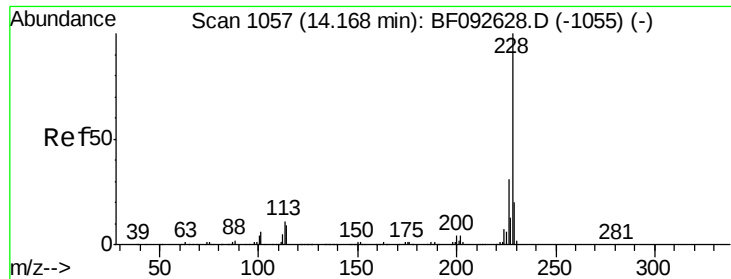
226 27.4 22.4 33.6

229 22.4 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: 5.84 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.09 min

Lab File: BF093247.D

Acq: 28 Feb 2017 14:36

Instrument :

BNA_F

ClientSampleId :

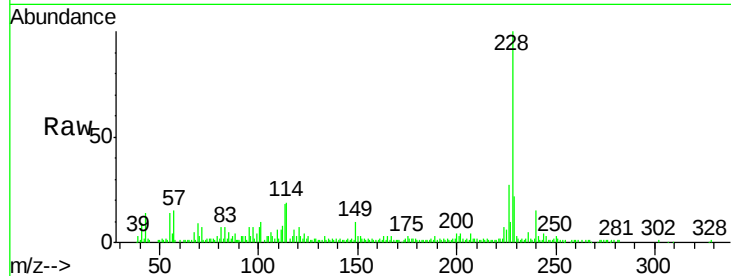
Tot Ion:228 Resp: 98949

Ion Ratio Lower Upper

228 100

226 27.4 25.4 38.0

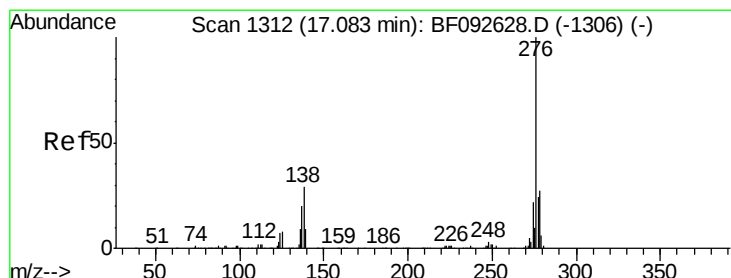
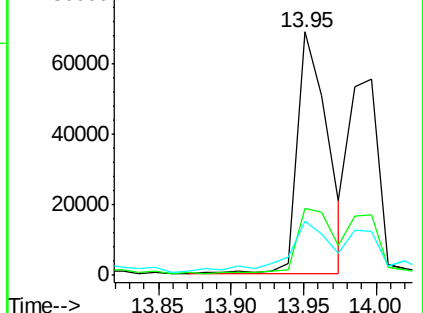
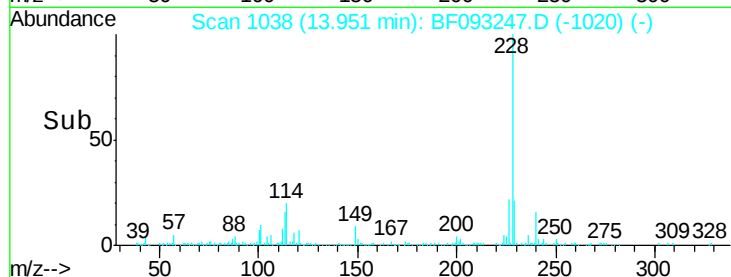
229 22.4 16.2 24.2



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.63 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.08 min

Lab File: BF093247.D

Acq: 28 Feb 2017 14:36

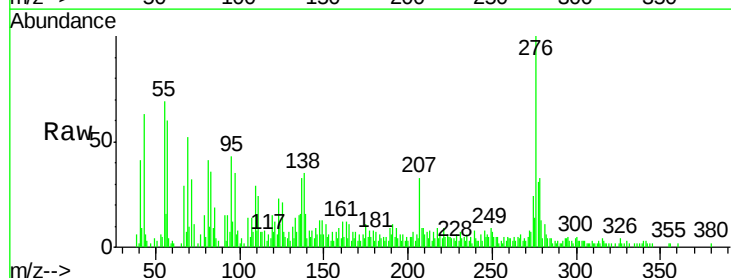
Tgt Ion:276 Resp: 34480

Ion Ratio Lower Upper

276 100

138 32.3 21.8 32.6

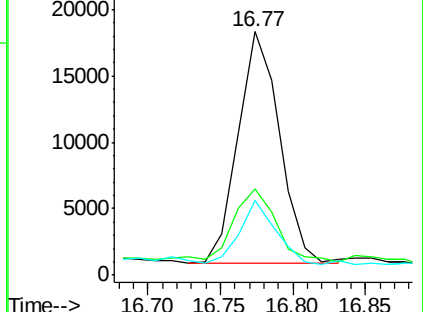
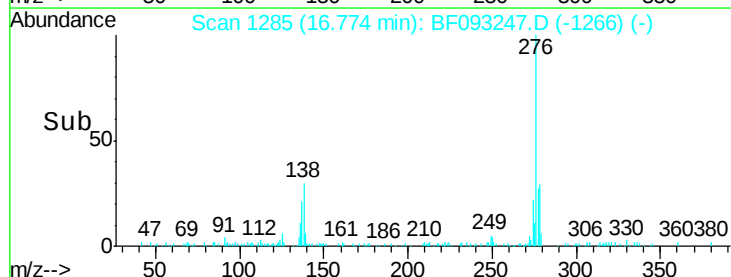
277 24.0 20.2 30.4

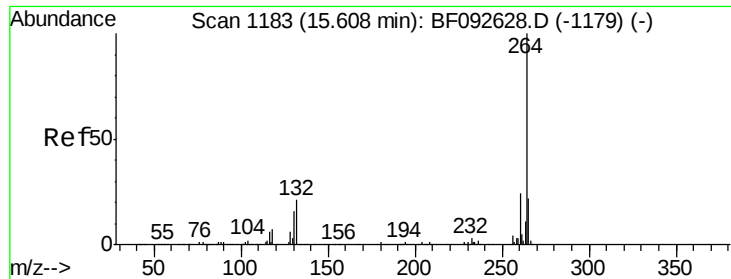


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

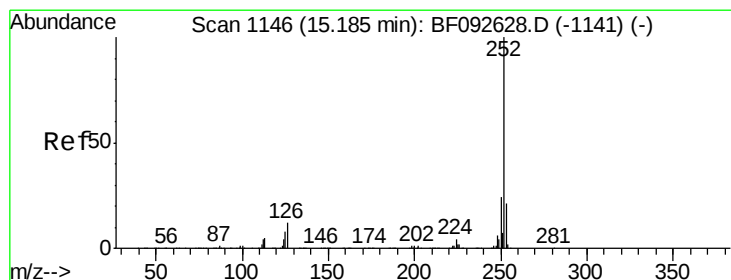
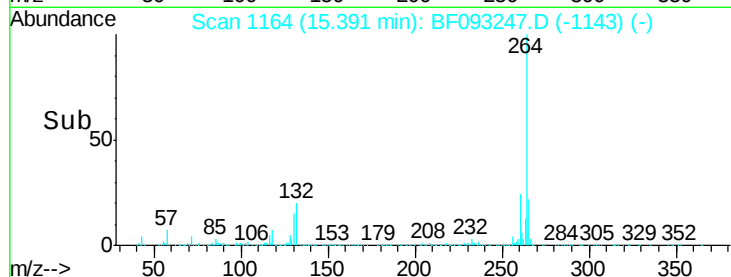
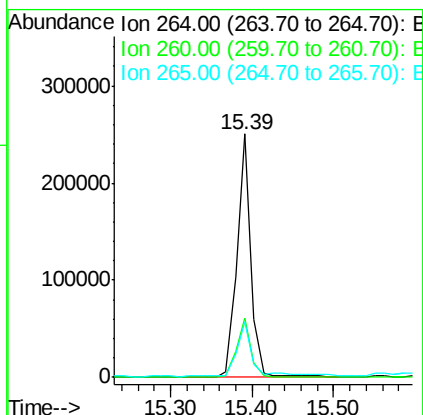
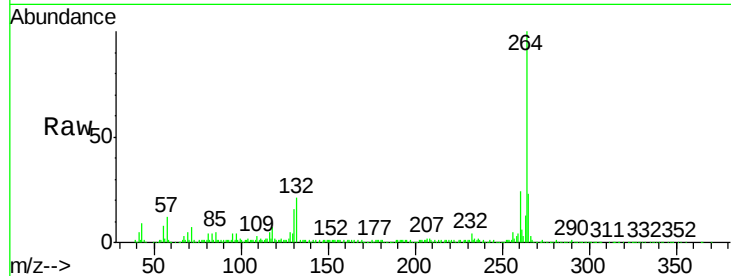




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF093247.D
Acq: 28 Feb 2017 14:36

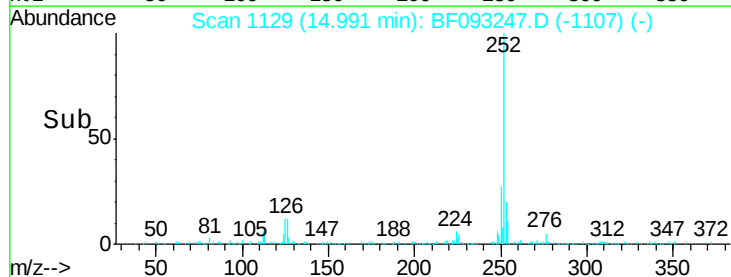
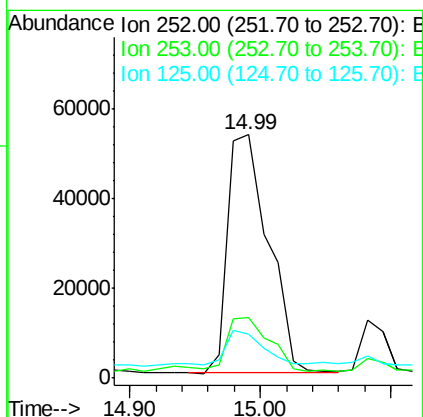
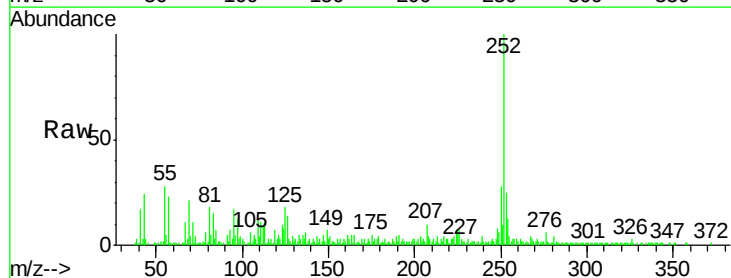
Instrument :
BNA_F
ClientSampleId :

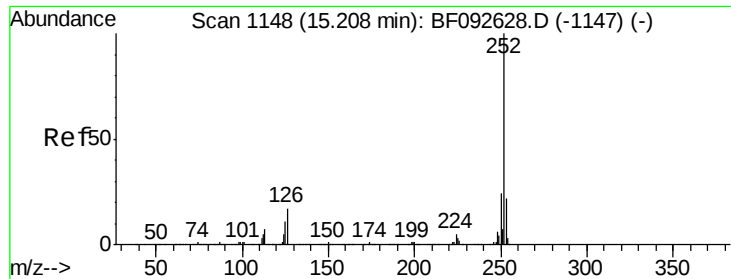
Tot Ion:264 Resp: 295022
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 22.5 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 5.94 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF093247.D
Acq: 28 Feb 2017 14:36

Tgt Ion:252 Resp: 115324
Ion Ratio Lower Upper
252 100
253 24.8 18.2 27.4
125 18.2 9.8 14.6#

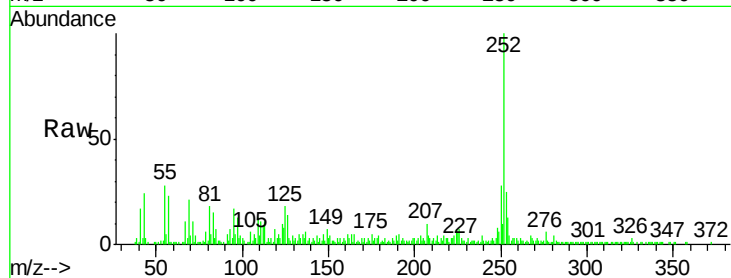




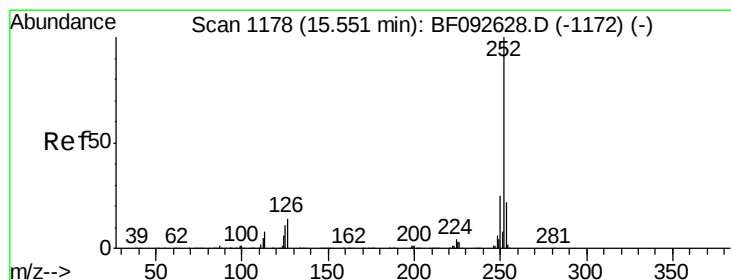
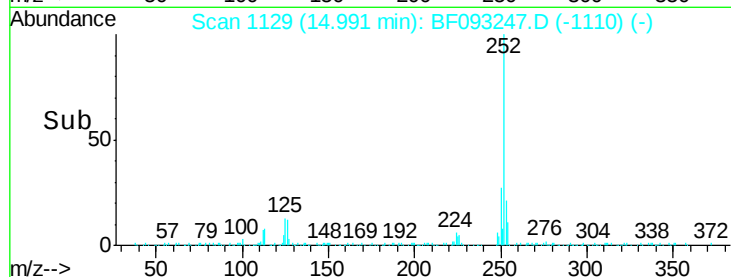
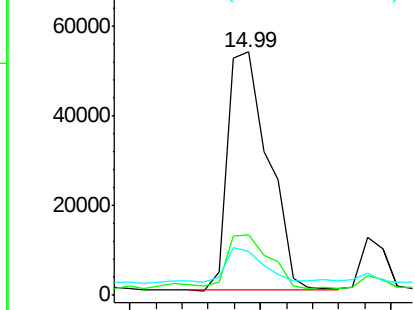
#88
Benzo(k)fluoranthene
Concen: 6.88 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.08 min
Lab File: BF093247.D
Acq: 28 Feb 2017 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 115362
Ion Ratio Lower Upper
252 100
253 24.8 18.5 27.7
125 18.2 8.9 13.3#

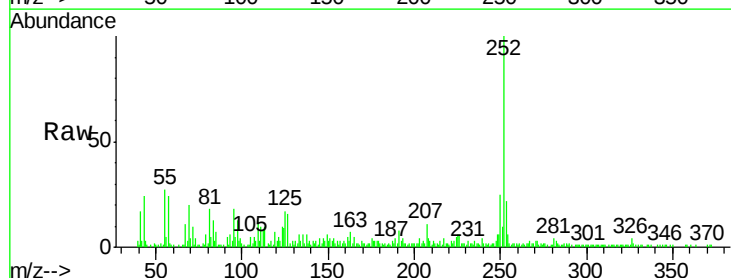


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

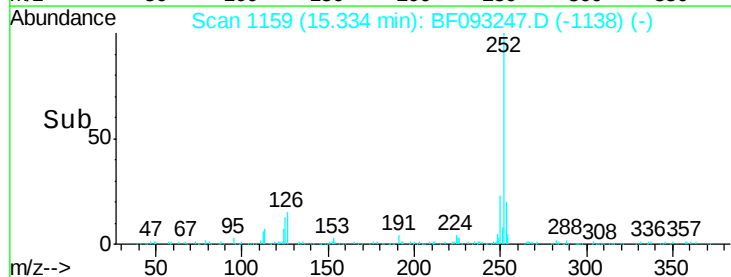
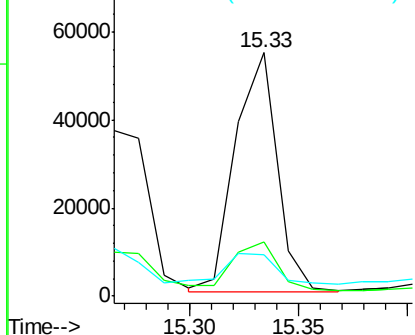


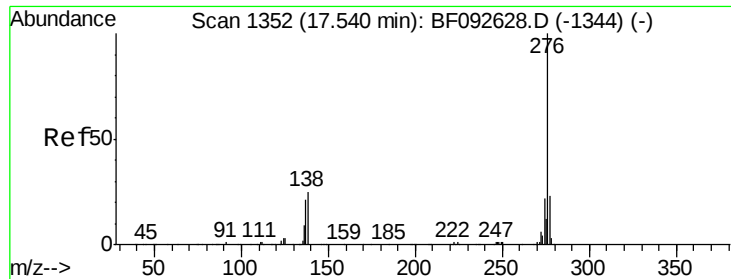
#89
Benzo(a)pyrene
Concen: 4.34 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.06 min
Lab File: BF093247.D
Acq: 28 Feb 2017 14:36

Tgt Ion:252 Resp: 72835
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 16.8 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





#91
 Benzo(a,h,i)perylene
 Concen: 2.76 ng
 RT: 17.20 min Scan# 1322
 Delta R.T. -0.09 min
 Lab File: BF093247.D
 Acq: 28 Feb 2017 14:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	27.9	16.0	24.0

