

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088434.D
 Acq On : 26 Jun 2016 22:49
 Operator : UM/SJ
 Sample : H3663-07 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 03:59:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	70323	20.00	ng	-0.06
21) Naphthalene-d8	7.84	136	280650	20.00	ng	-0.06
38) Acenaphthene-d10	9.58	164	125198	20.00	ng	-0.07
63) Phenanthrene-d10	11.05	188	200037	20.00	ng	-0.07
75) Chrysene-d12	13.70	240	116412	20.00	ng	-0.05
86) Perylene-d12	15.06	264	144490	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	78916	19.18	ng	-0.05
7) Phenol-d6	6.22	99	99784	20.02	ng	-0.05
23) Nitrobenzene-d5	7.12	82	66422	13.82	ng	-0.06
41) 2,4,6-Tribromophenol	10.36	330	18273	13.82	ng	-0.07
44) 2-Fluorobiphenyl	8.91	172	133959	12.06	ng	-0.06
78) Terphenyl-d14	12.64	244	90865	17.76	ng	-0.06

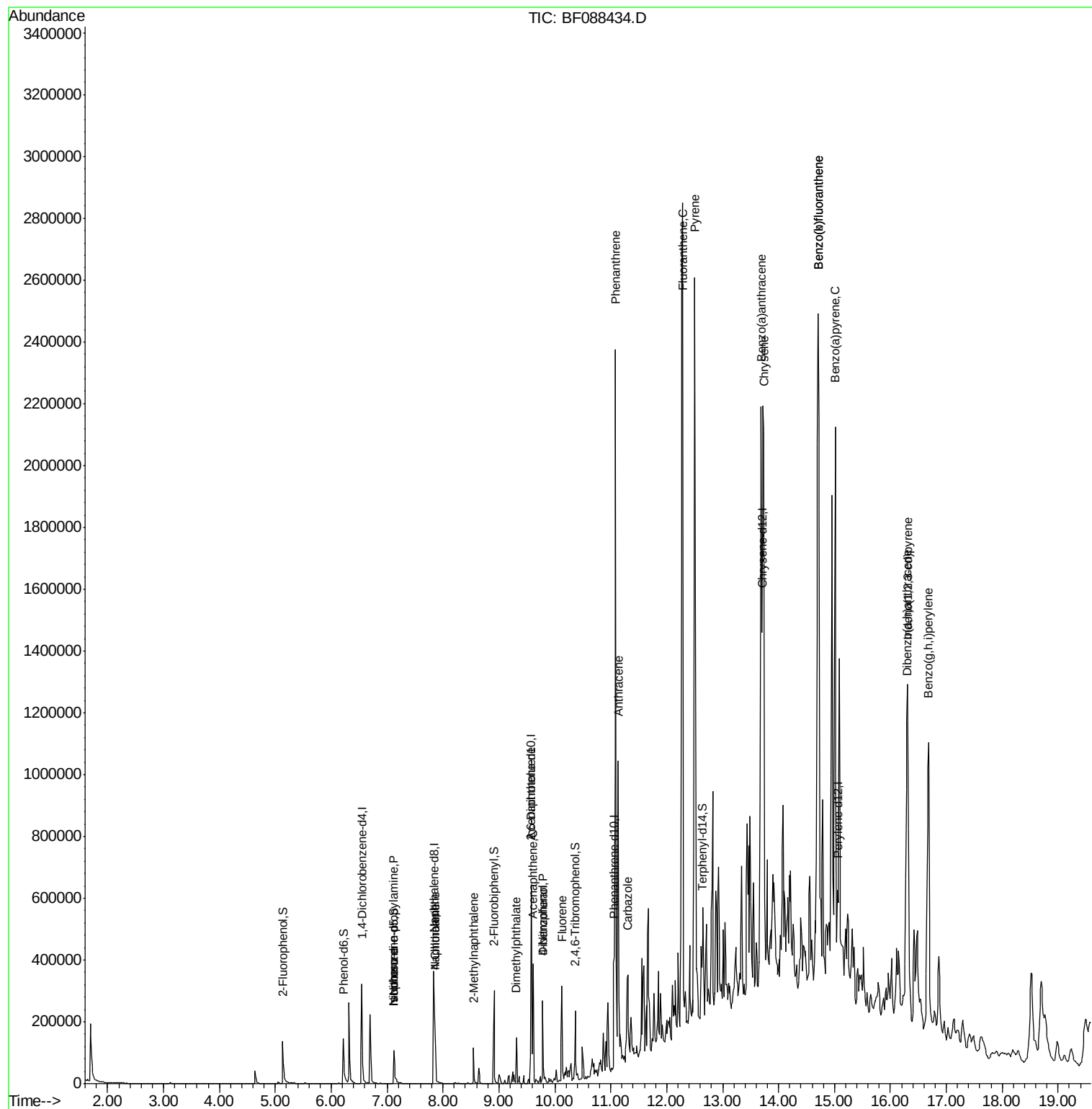
Target Compounds				Qvalue		
10) Phenol	6.24	94	614	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.12	70	7686	2.41	ng	69
25) Isophorone	7.12	82	66887	7.51	ng	65
31) Naphthalene	7.85	128	134266	9.67	ng	98
33) 4-Chloroaniline	7.85	127	16204	2.61	ng	31
37) 2-Methylnaphthalene	8.55	142	36644	4.00	ng	98
45) 1,1'-Biphenyl	9.02	154	14745	Below Cal		93
49) Dimethylphthalate	9.31	163	61517	6.78	ng	99
50) 2,6-Dinitrotoluene	9.58	165	16903	8.14	ng	39
51) Acenaphthene	9.61	154	88173	10.97	ng	99
54) Dibenzofuran	9.78	168	115729	10.45	ng	94
55) 4-Nitrophenol	9.78	139	41476	22.30	ng	6
57) Fluorene	10.12	166	116286	12.00	ng	99
70) Phenanthrene	11.08	178	1042359	99.30	ng	99
71) Anthracene	11.13	178	440511	41.60	ng	99
72) Carbazole	11.30	167	211423	21.34	ng	98
74) Fluoranthene	12.29	202	2136737	192.89	ng	98
77) Pyrene	12.50	202	1726200	199.83	ng	98
80) Benzo(a)anthracene	13.69	228	1238987	186.77	ng	97
82) Chrysene	13.74	228	1249498	200.21	ng	96
85) Indeno(1,2,3-cd)pyrene	16.31	276	975036	168.15	ng	100
87) Benzo(b)fluoranthene	14.71	252	2401735	238.48	ng	95
88) Benzo(k)fluoranthene	14.71	252	2401735	316.15	ng	97
89) Benzo(a)pyrene	15.02	252	1142703	140.25	ng	96
90) Dibenzo(a,h)anthracene	16.30	278	366948	48.49	ng	95
91) Benzo(g,h,i)perylene	16.69	276	919737	118.15	ng	96

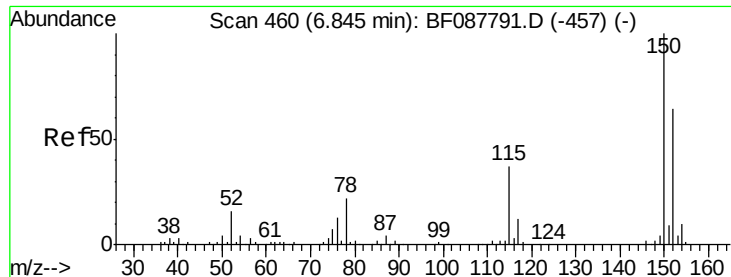
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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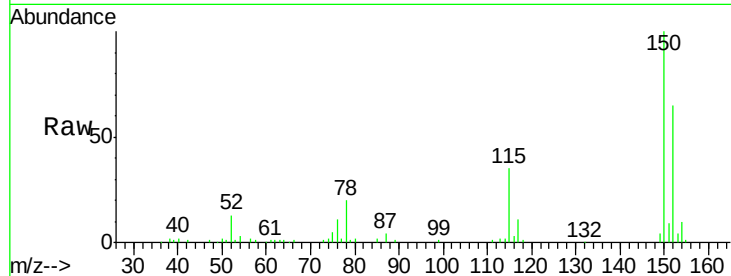




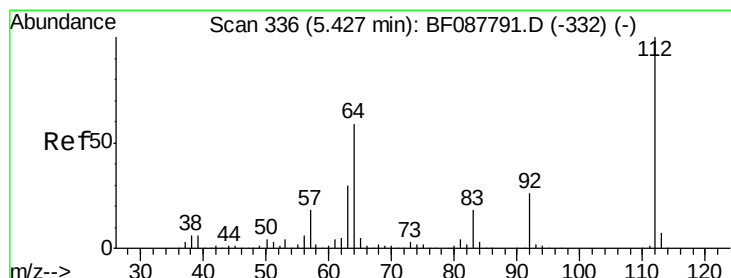
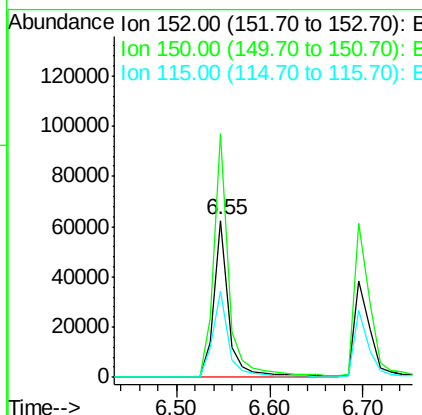
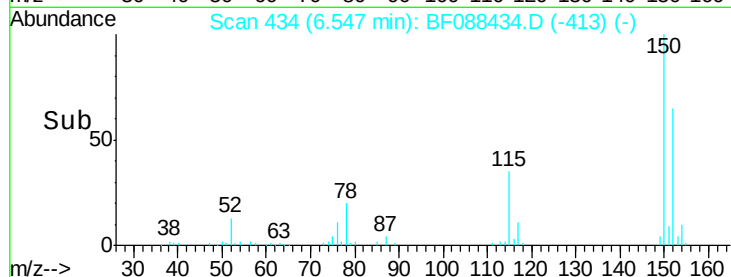
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.55 min Scan# 434
 Delta R.T. -0.06 min
 Lab File: BF088434.D
 Acq: 26 Jun 2016 22:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:152 Resp: 70323
 Ion Ratio Lower Upper
 152 100
 150 154.9 123.8 185.6
 115 54.6 39.6 59.4

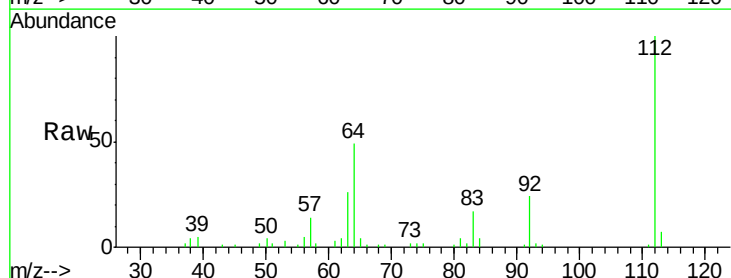


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

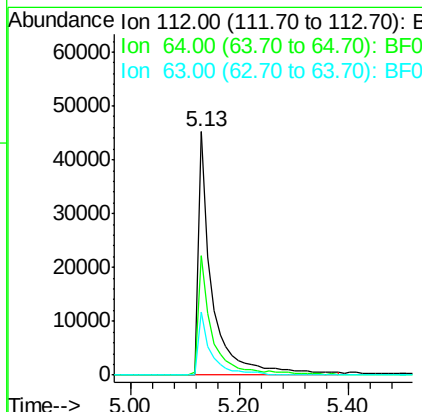
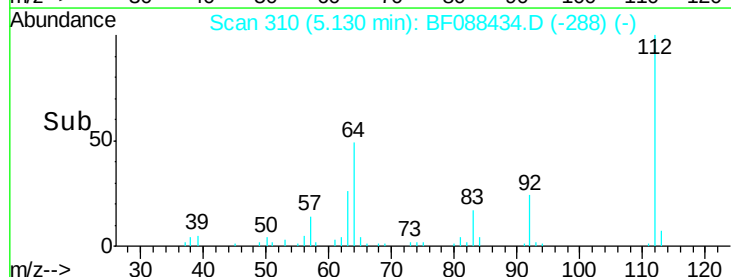


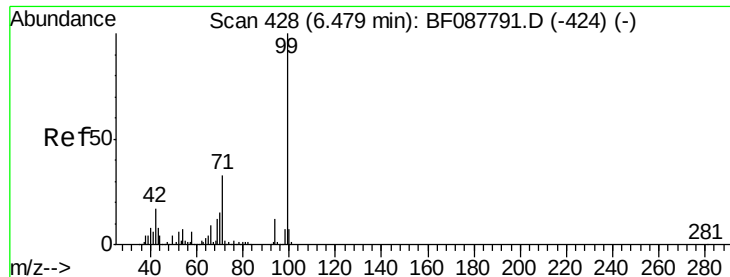
#5
 2-Fluorophenol
 Concen: 19.18 ng
 RT: 5.13 min Scan# 310
 Delta R.T. -0.05 min
 Lab File: BF088434.D
 Acq: 26 Jun 2016 22:49

Tgt Ion:112 Resp: 78916
 Ion Ratio Lower Upper
 112 100
 64 48.9 42.2 63.2
 63 25.9 21.8 32.8



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: 20.02 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.05 min

Lab File: BF088434.D

Acq: 26 Jun 2016 22:49

Instrument :

BNA_G

ClientSampleId :

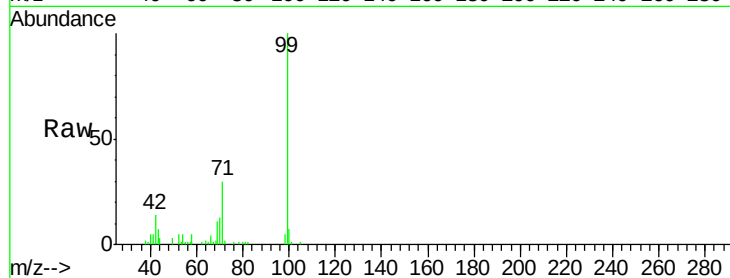
Tot Ion: 99 Resp: 99784

Ion Ratio Lower Upper

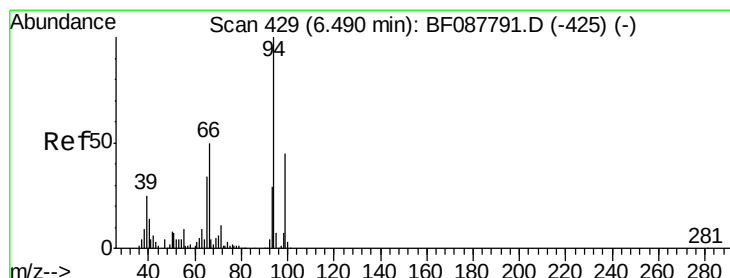
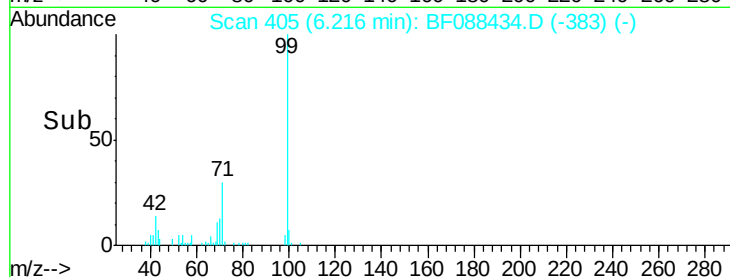
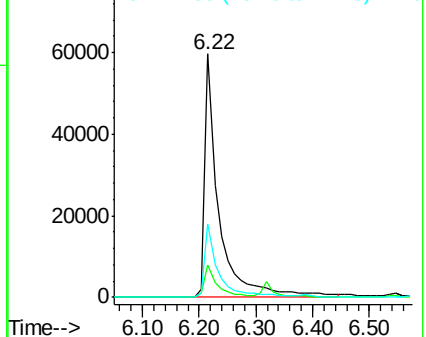
99 100

42 13.6 12.2 18.2

71 30.3 23.4 35.0



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: Below Cal

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF088434.D

Acq: 26 Jun 2016 22:49

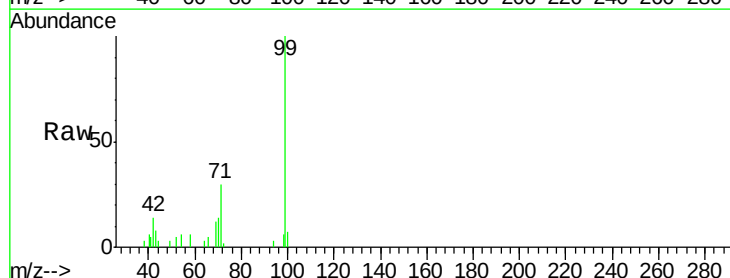
Tgt Ion: 94 Resp: 614

Ion Ratio Lower Upper

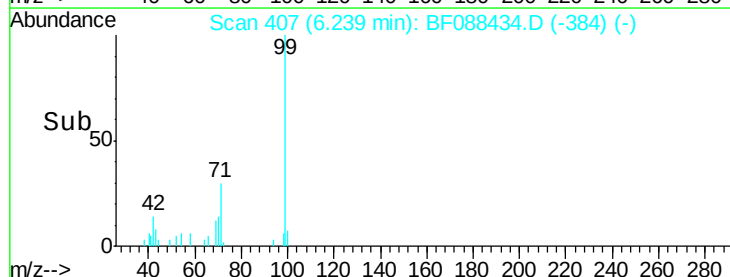
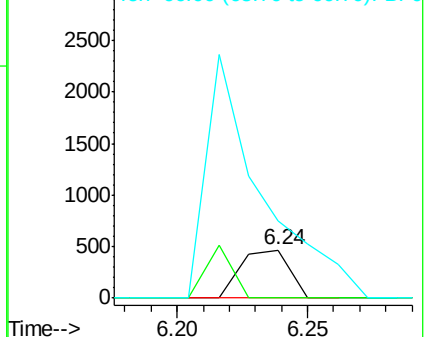
94 100

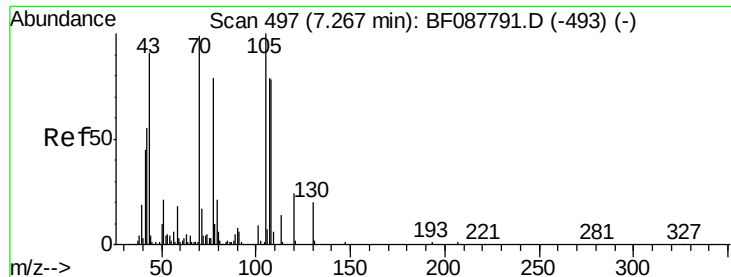
65 0.0 5.9 45.9#

66 160.9 14.0 54.0#



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

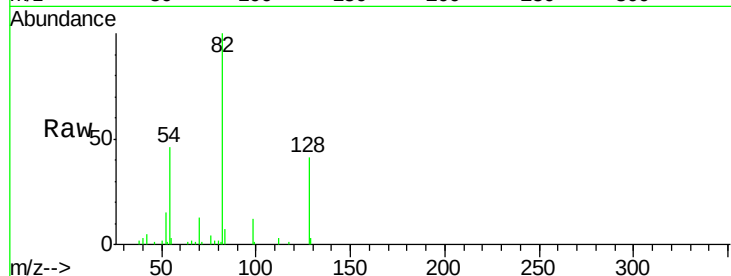




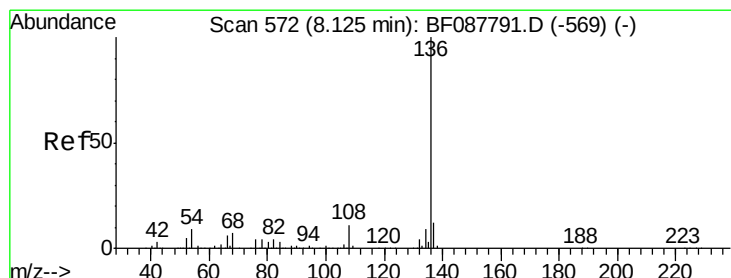
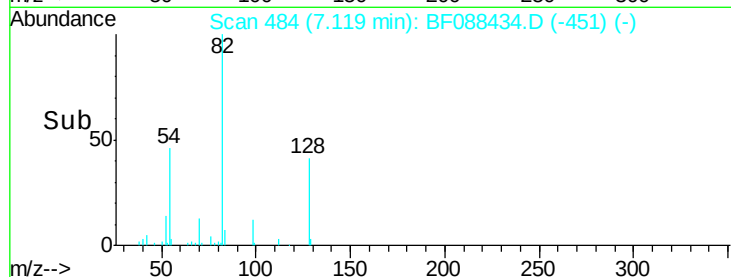
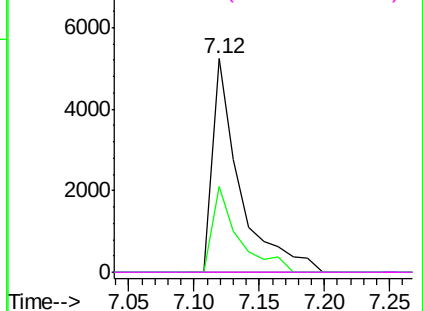
#19
n-Nitroso-di-n-propylamine
Concen: 2.41 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.08 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 7686
Ion Ratio Lower Upper
70 100
42 40.3 49.6 74.4#
101 0.0 7.1 10.7#
130 0.0 15.4 23.2#

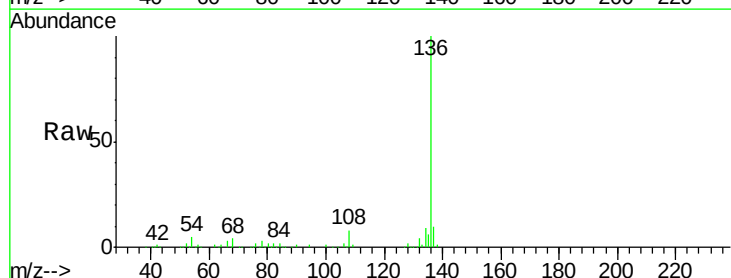


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

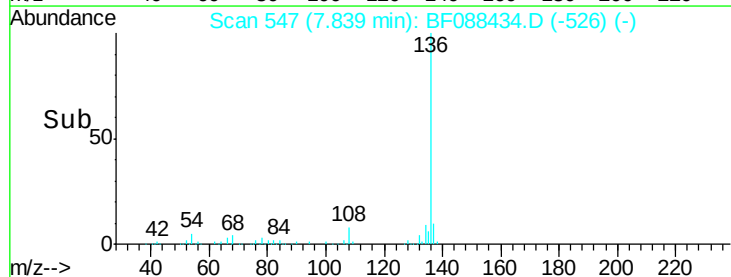
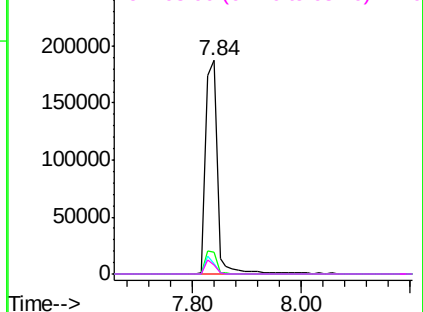


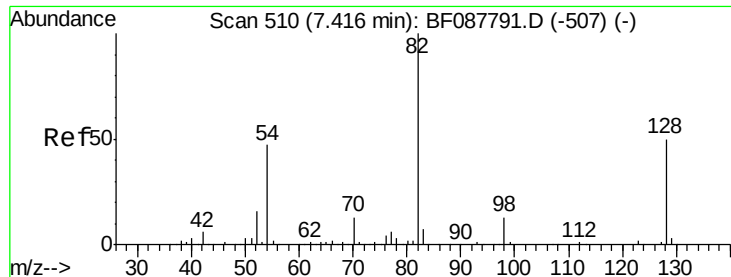
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.06 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion:136 Resp: 280650
Ion Ratio Lower Upper
136 100
137 10.1 9.1 13.7
54 4.5 6.6 10.0#
68 4.1 5.1 7.7#



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

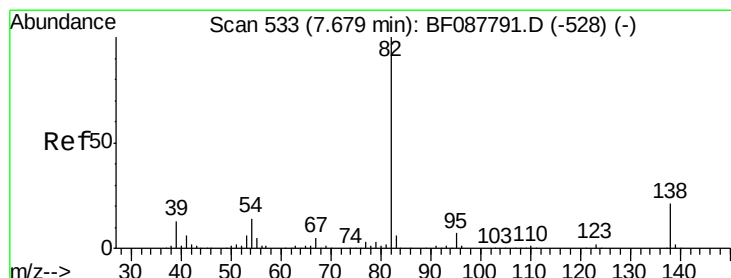
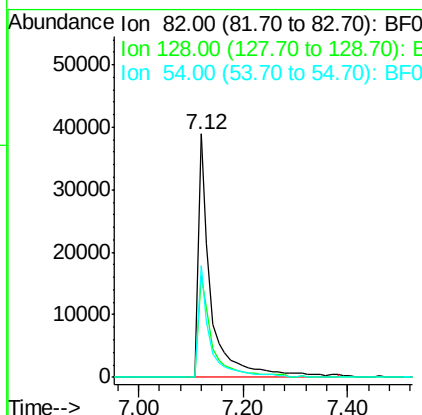
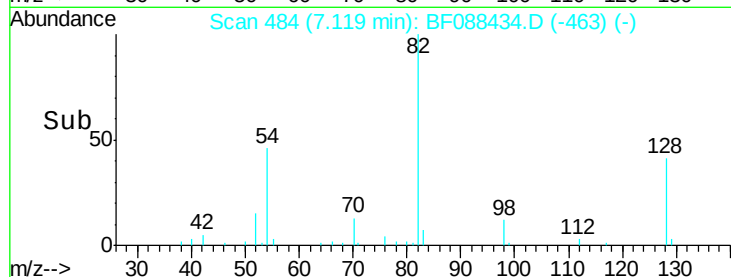
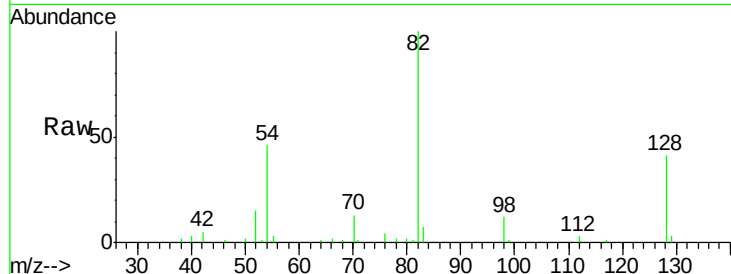




#23
Nitrobenzene-d5
Concen: 13.82 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.06 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

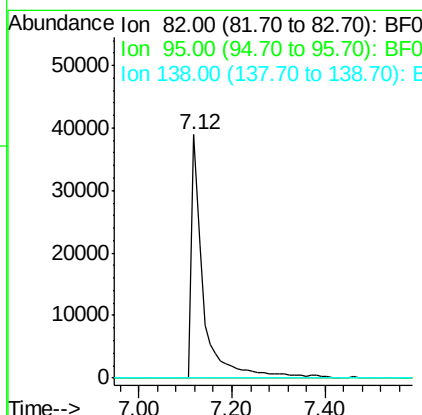
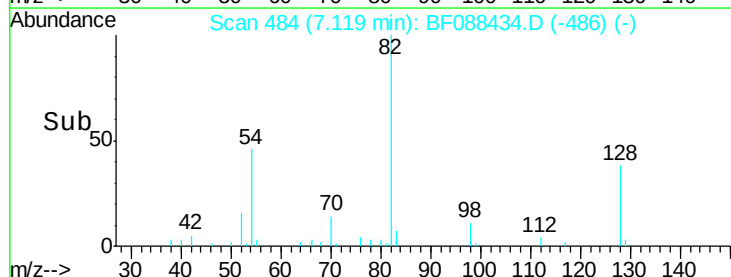
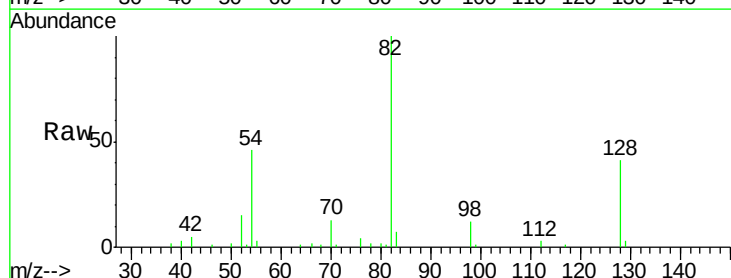
Instrument :
BNA_G
ClientSampleId :

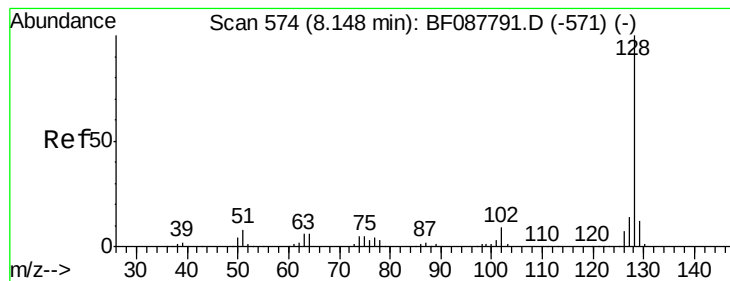
Tot Ion: 82 Resp: 66422
Ion Ratio Lower Upper
82 100
128 41.5 35.9 53.9
54 45.8 40.9 61.3



#25
Isophorone
Concen: 7.51 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.32 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion: 82 Resp: 66887
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 14.6 21.8#





#31

Naphthalene

Concen: 9.67 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.07 min

Lab File: BF088434.D

Acq: 26 Jun 2016 22:49

Instrument :

BNA_G

ClientSampleId :

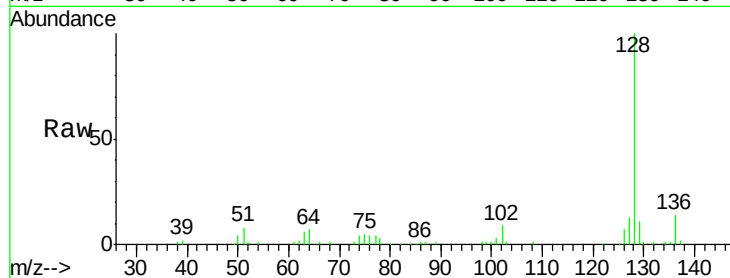
Tot Ion:128 Resp: 134266

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.2

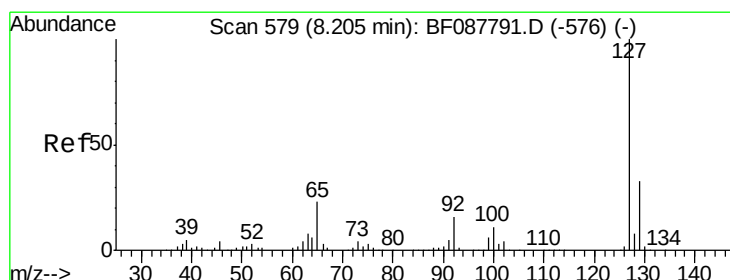
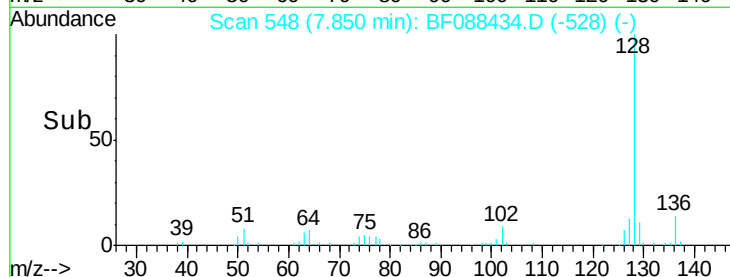
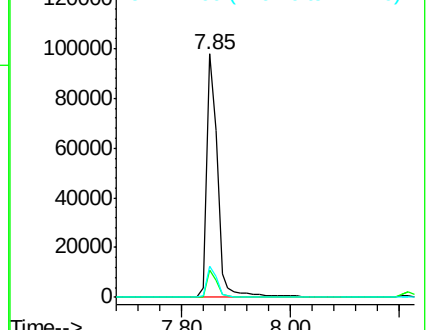
127 12.9 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 2.61 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.13 min

Lab File: BF088434.D

Acq: 26 Jun 2016 22:49

Tgt Ion:127 Resp: 16204

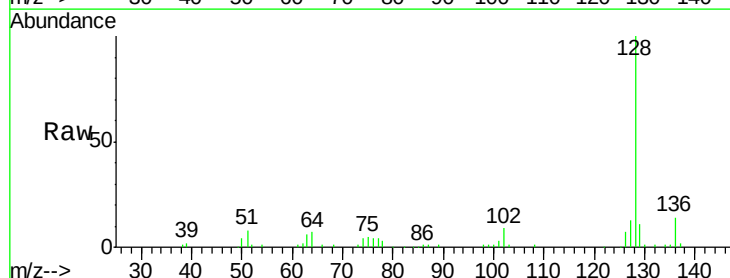
Ion Ratio Lower Upper

127 100

129 87.0 26.3 39.5#

65 0.0 24.7 37.1#

92 0.0 15.4 23.0#

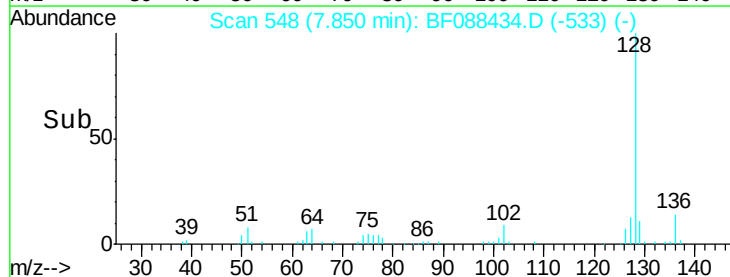
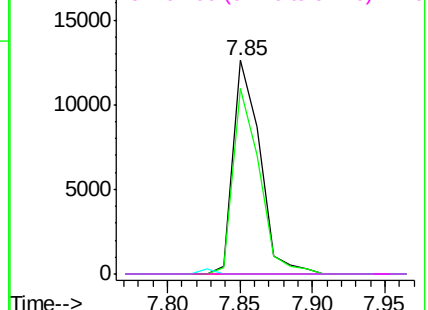


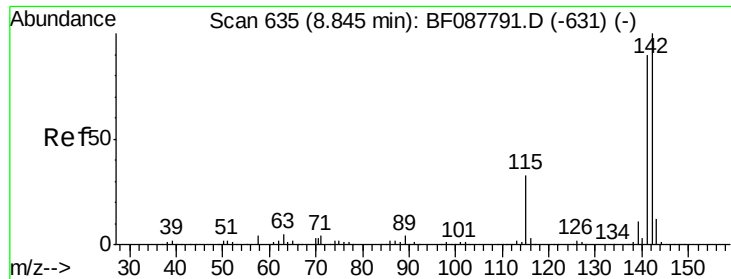
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

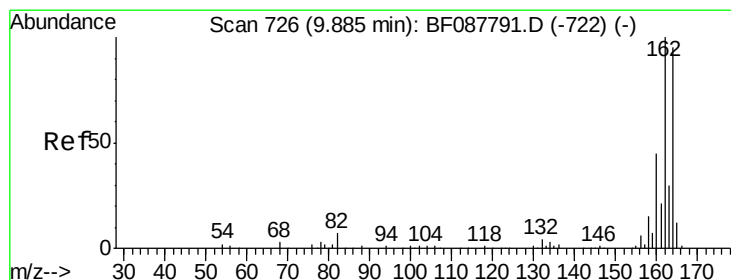
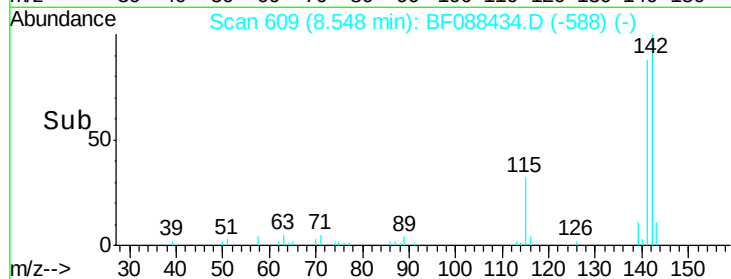
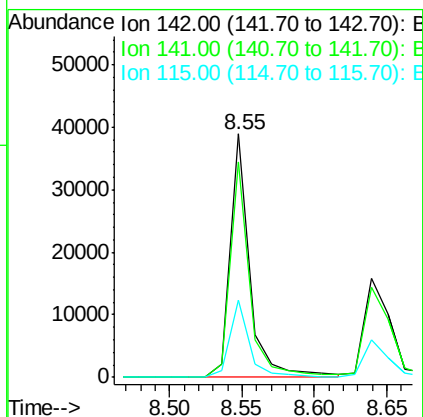
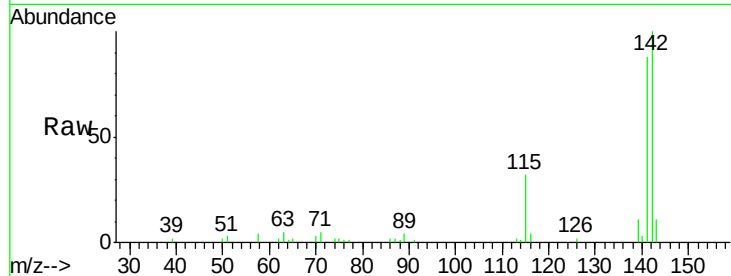




#37
2-Methylnaphthalene
Concen: 4.00 ng
RT: 8.55 min Scan# 609
Delta R.T. -0.06 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

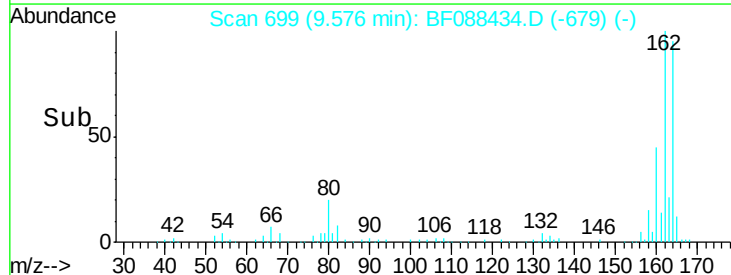
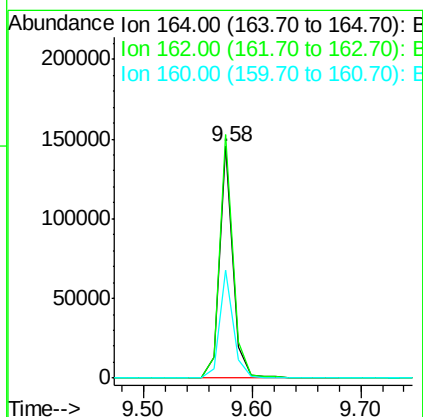
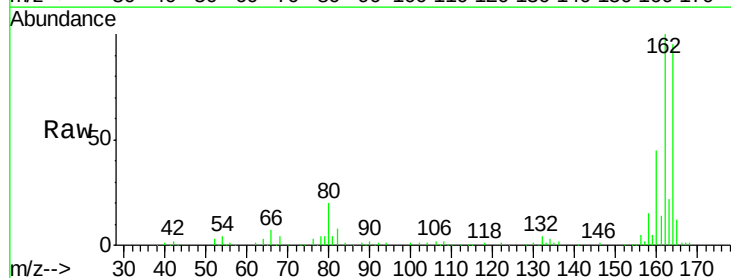
Instrument :
BNA_G
ClientSampled :

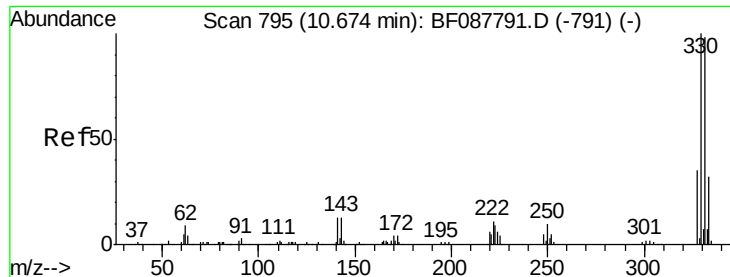
Tot Ion:142 Resp: 36644
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 31.6 22.6 33.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.07 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion:164 Resp: 125198
Ion Ratio Lower Upper
164 100
162 105.0 85.4 128.2
160 46.7 39.5 59.3

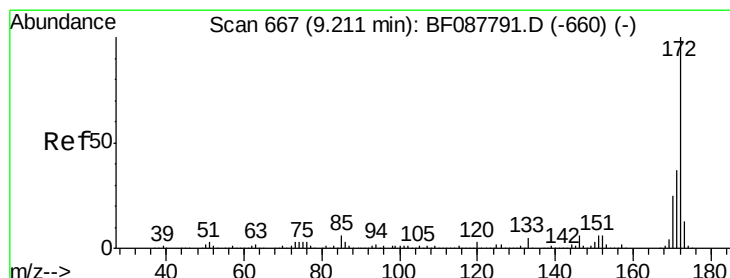
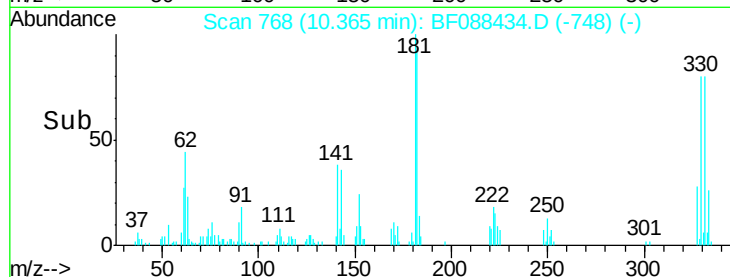
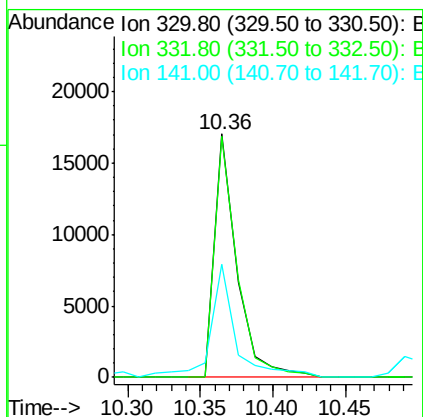
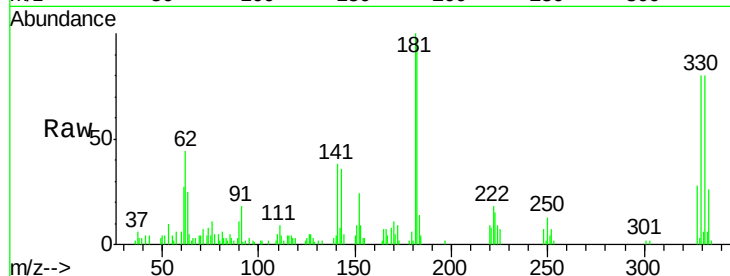




#41
 2,4,6-Tribromophenol
 Concen: 13.82 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.07 min
 Lab File: BF088434.D
 Acq: 26 Jun 2016 22:49

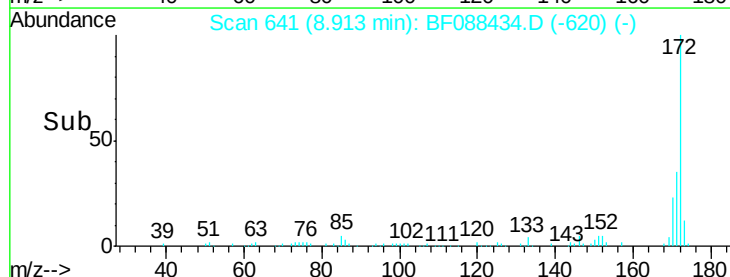
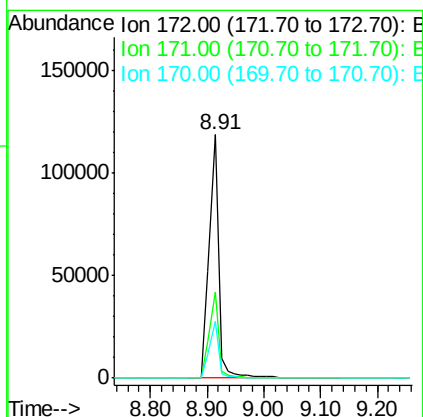
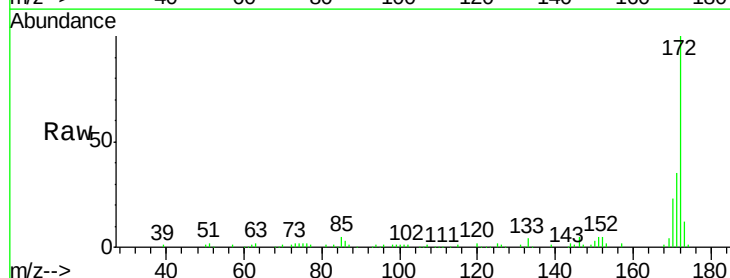
Instrument :
 BNA_G
 ClientSampleId :

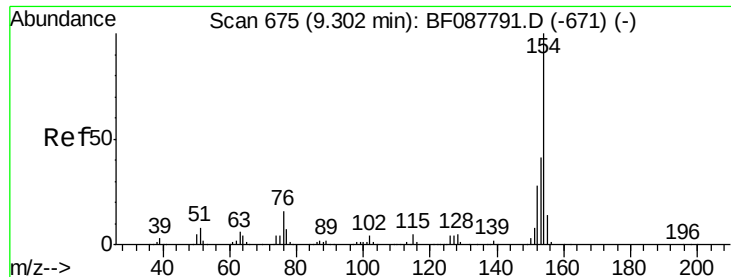
Tot Ion:330 Resp: 18273
 Ion Ratio Lower Upper
 330 100
 332 99.5 0.0 0.0#
 141 52.5 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 12.06 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.06 min
 Lab File: BF088434.D
 Acq: 26 Jun 2016 22:49

Tgt Ion:172 Resp: 133959
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 23.1 19.2 28.8





#45

1,1'-Biphenyl

Concen: Below Cal

RT: 9.02 min Scan# 650

Delta R.T. -0.06 min

Lab File: BF088434.D

Acq: 26 Jun 2016 22:49

Instrument :

BNA_G

ClientSampleId :

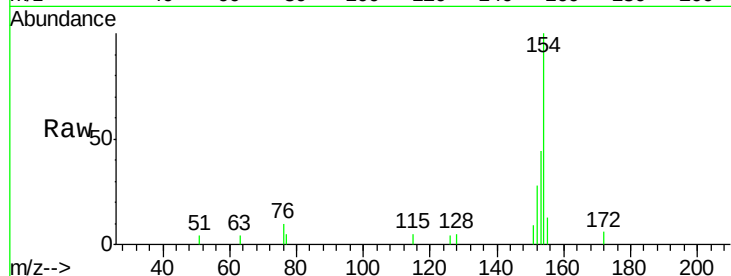
Tot Ion:154 Resp: 14745

Ion Ratio Lower Upper

154 100

153 44.0 20.6 60.6

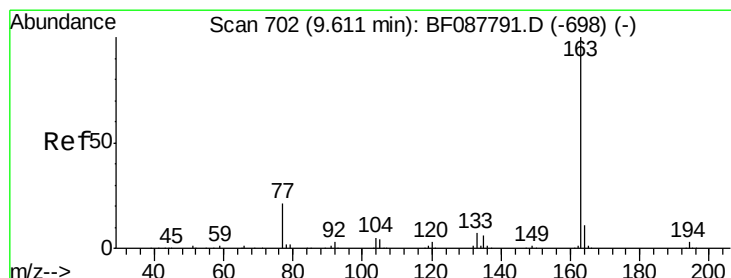
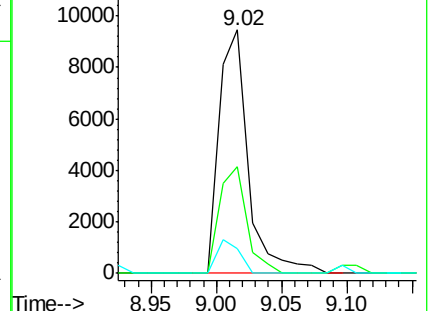
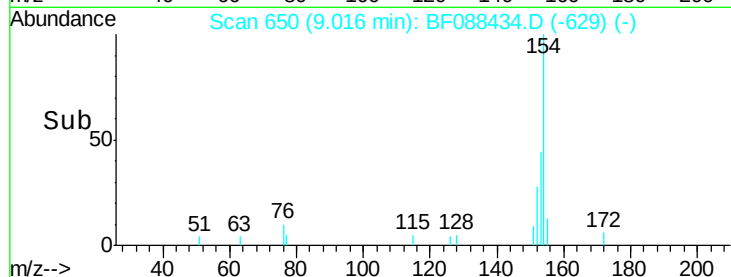
76 10.3 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#49

Dimethylphthalate

Concen: 6.78 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.07 min

Lab File: BF088434.D

Acq: 26 Jun 2016 22:49

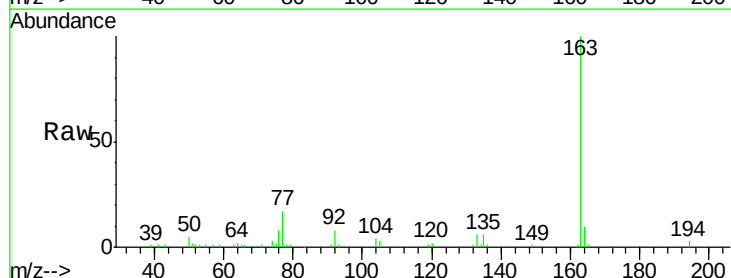
Tgt Ion:163 Resp: 61517

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

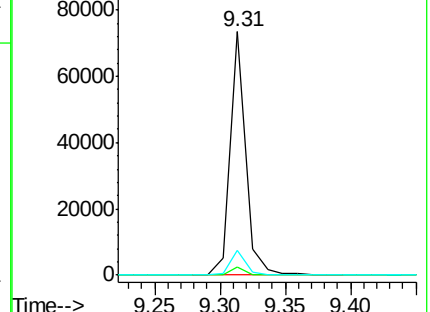
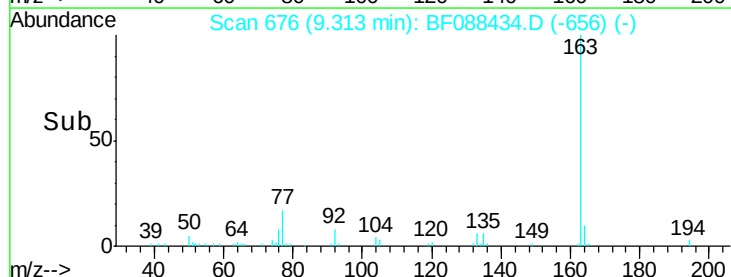
164 10.0 8.3 12.5

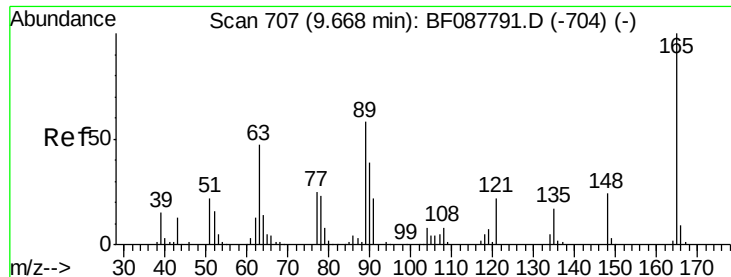


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

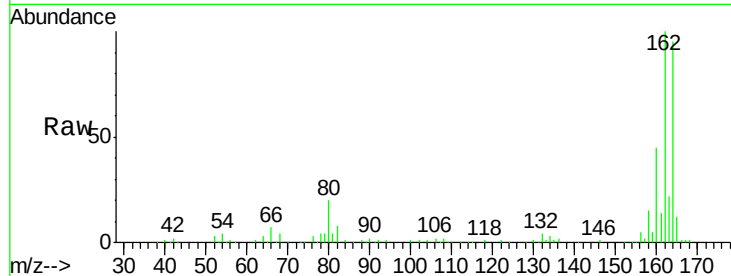




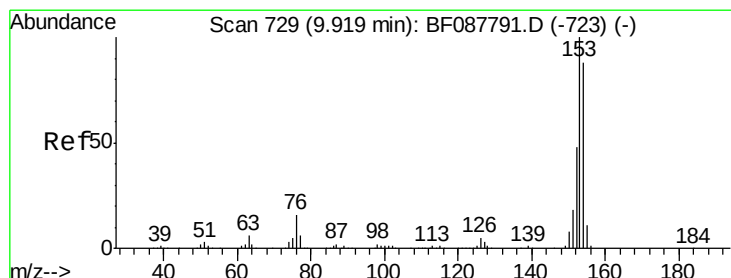
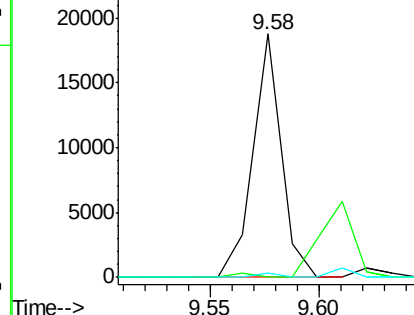
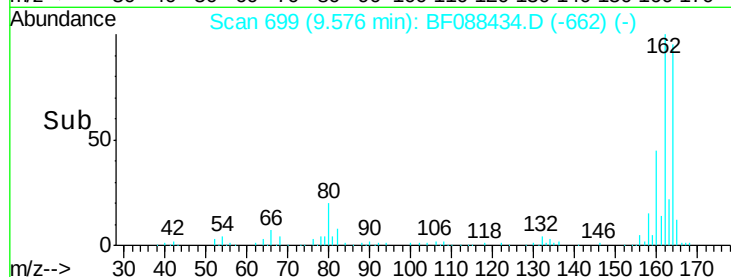
#50
 2,6-Dinitrotoluene
 Concen: 8.14 ng
 RT: 9.58 min Scan# 699
 Delta R.T. 0.13 min
 Lab File: BF088434.D
 Acq: 26 Jun 2016 22:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	1.9	32.2	48.2#

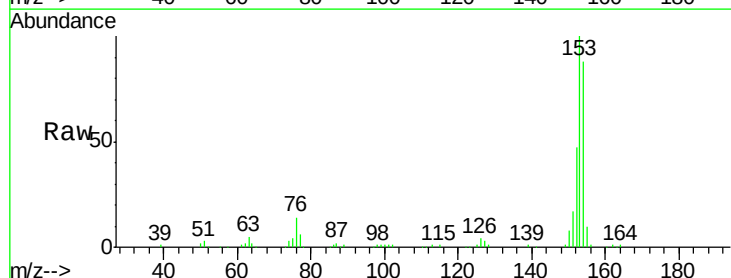


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

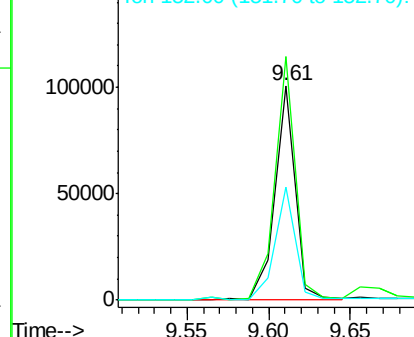
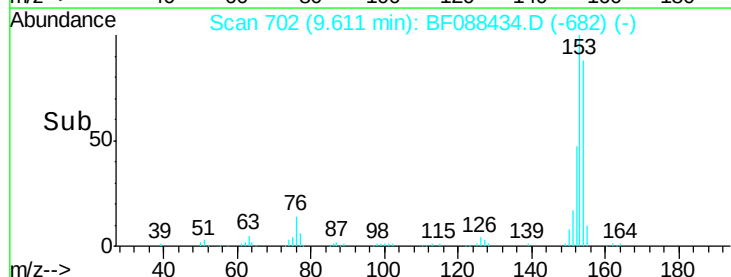


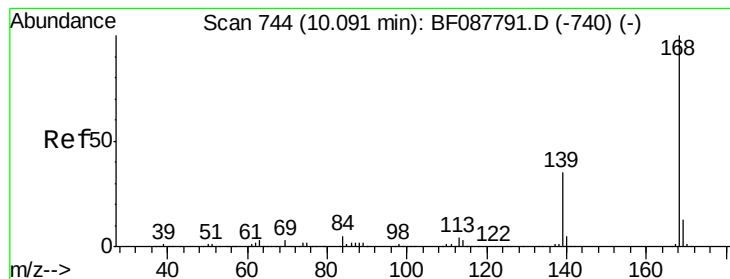
#51
 Acenaphthene
 Concen: 10.97 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.07 min
 Lab File: BF088434.D
 Acq: 26 Jun 2016 22:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.5	134.3
152	52.9	42.7	64.1



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





#54

Dibenzenofuran

Concen: 10.45 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.07 min

Lab File: BF088434.D

Acq: 26 Jun 2016 22:49

Instrument :

BNA_G

ClientSampleId :

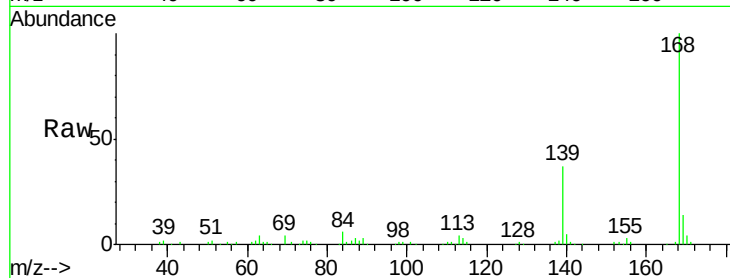
Tot Ion:168 Resp: 115729

Ion Ratio Lower Upper

168 100

139 37.1 26.4 39.6

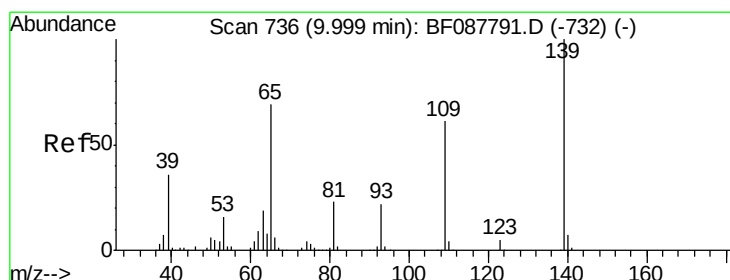
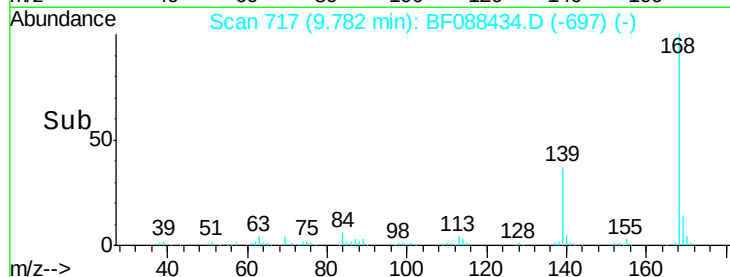
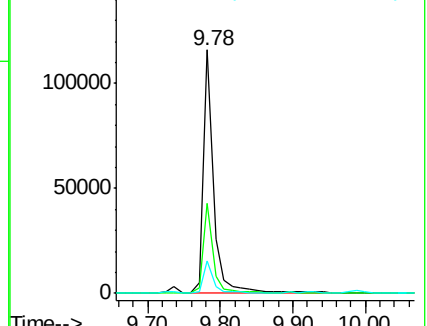
169 13.5 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 22.30 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF088434.D

Acq: 26 Jun 2016 22:49

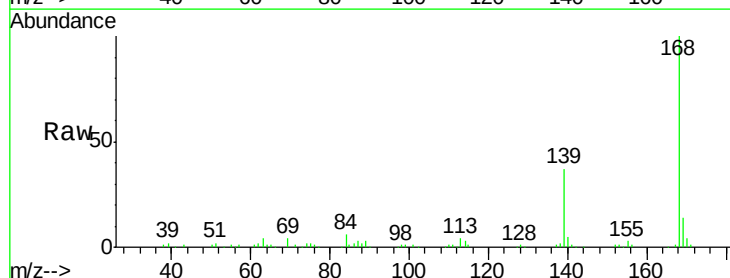
Tgt Ion:139 Resp: 41476

Ion Ratio Lower Upper

139 100

109 1.0 48.9 88.9#

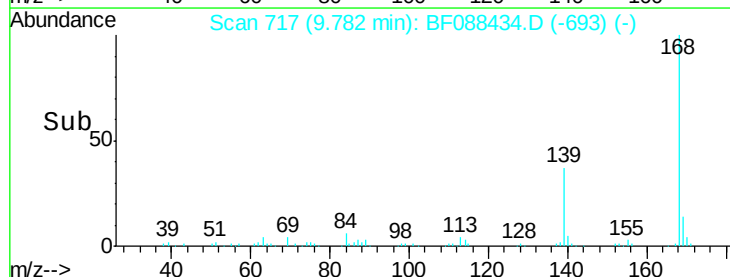
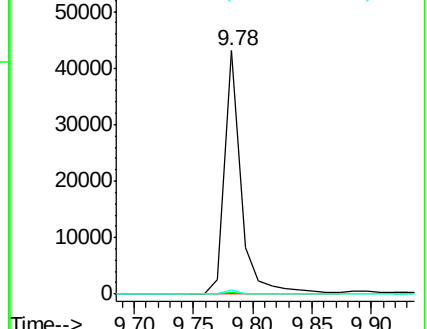
65 1.7 84.9 124.9#

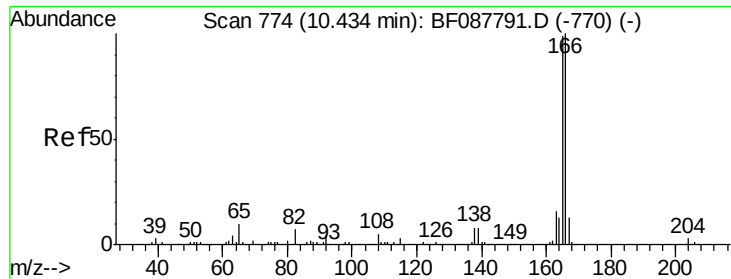


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 12.00 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.07 min

Lab File: BF088434.D

Acq: 26 Jun 2016 22:49

Instrument :

BNA_G

ClientSampleId :

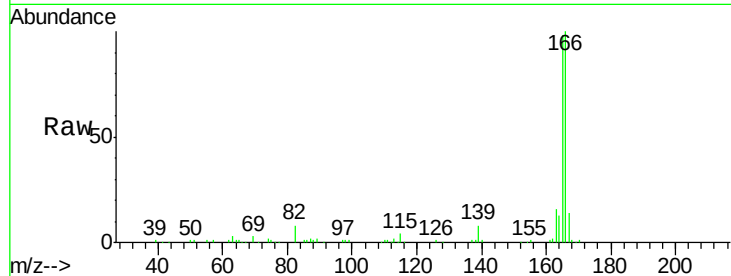
Tot Ion:166 Resp: 116286

Ion Ratio Lower Upper

166 100

165 98.1 77.8 116.8

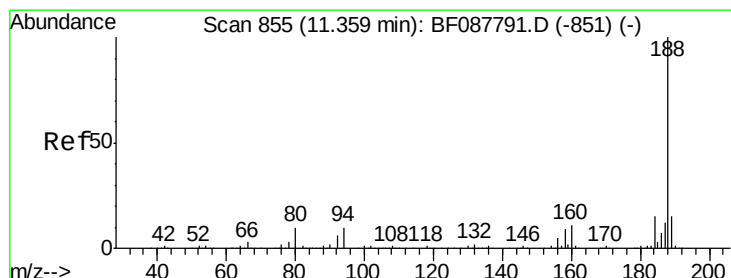
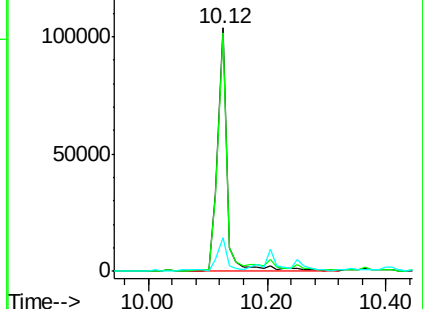
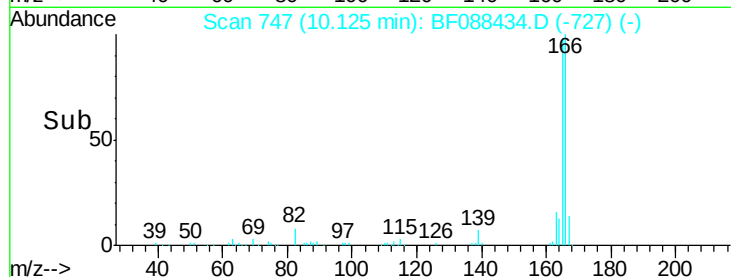
167 13.8 11.2 16.8



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: 11.05 min Scan# 828

Delta R.T. -0.07 min

Lab File: BF088434.D

Acq: 26 Jun 2016 22:49

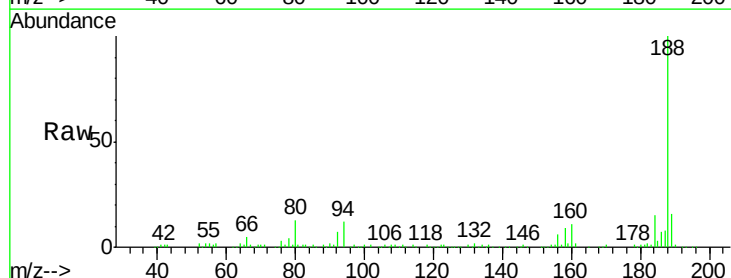
Tgt Ion:188 Resp: 200037

Ion Ratio Lower Upper

188 100

94 12.2 9.0 13.6

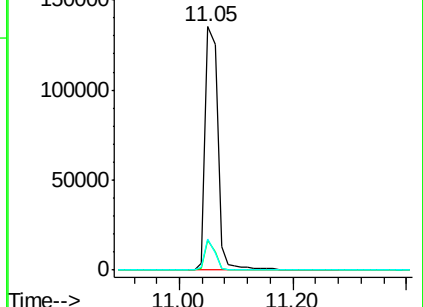
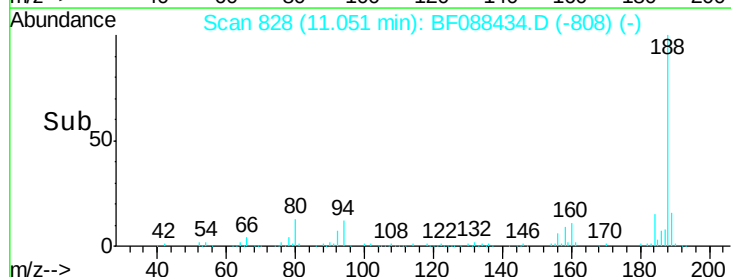
80 12.6 10.0 15.0

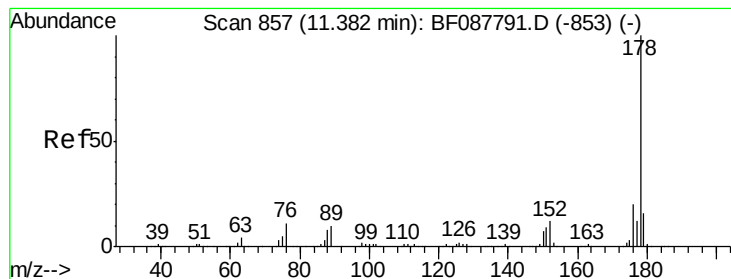


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 99.30 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.06 min

Lab File: BF088434.D

Acq: 26 Jun 2016 22:49

Instrument :

BNA_G

ClientSampleId :

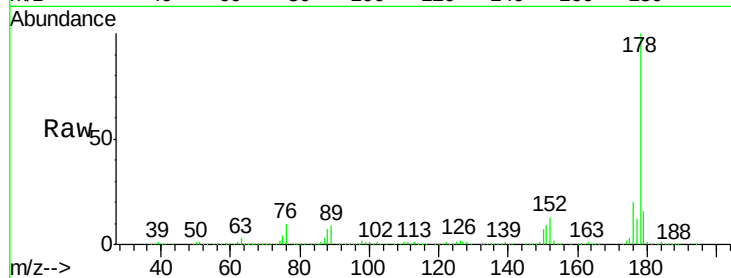
Tot Ion:178 Resp: 1042359

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.6

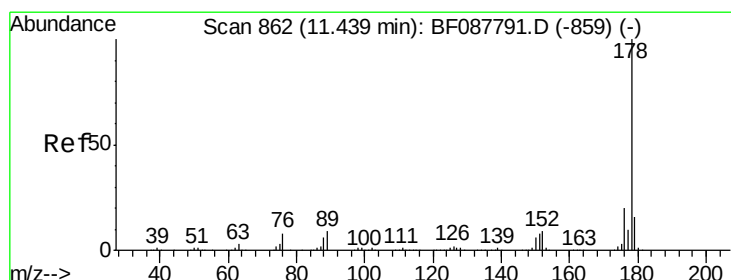
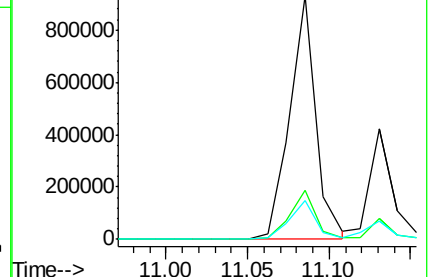
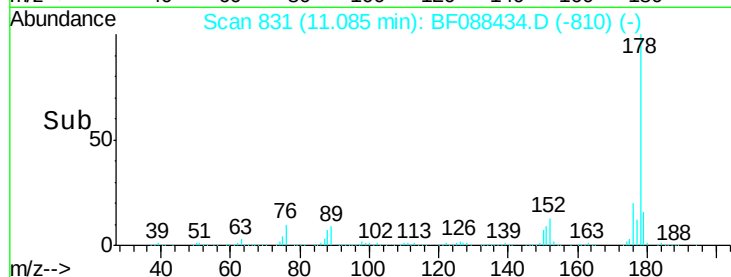
179 15.9 13.0 19.4



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: 41.60 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.07 min

Lab File: BF088434.D

Acq: 26 Jun 2016 22:49

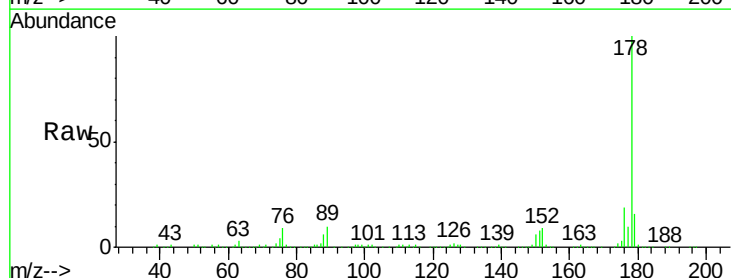
Tgt Ion:178 Resp: 440511

Ion Ratio Lower Upper

178 100

176 18.6 15.6 23.4

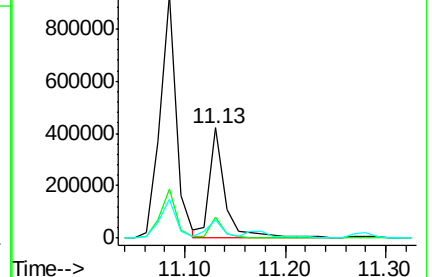
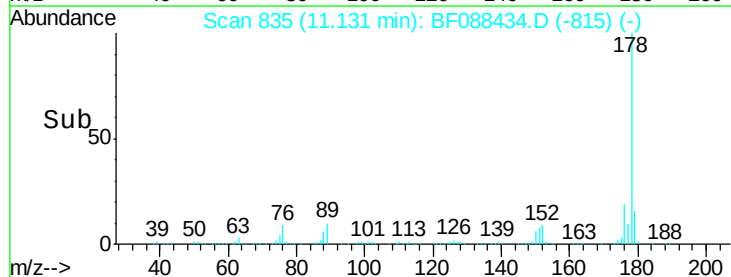
179 16.1 12.8 19.2

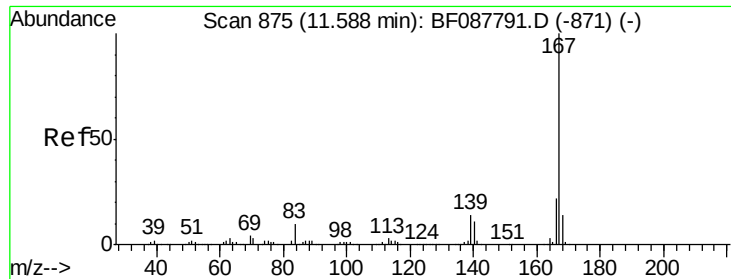


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 21.34 ng

RT: 11.30 min Scan# 850

Delta R.T. -0.06 min

Lab File: BF088434.D

Acq: 26 Jun 2016 22:49

Instrument :

BNA_G

ClientSampleId :

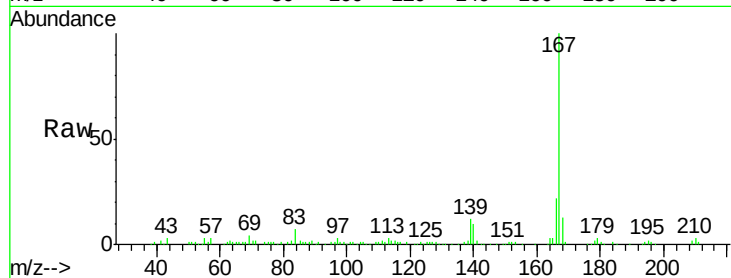
Tot Ion:167 Resp: 211423

Ion Ratio Lower Upper

167 100

166 21.6 17.8 26.6

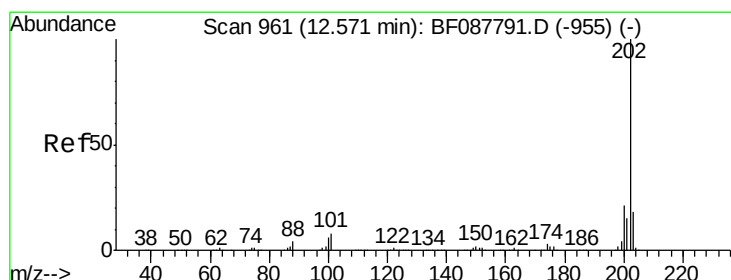
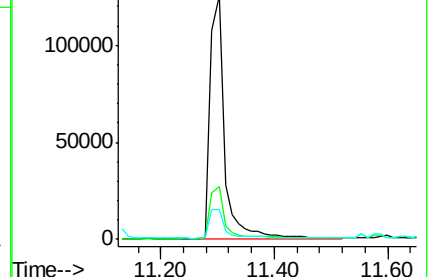
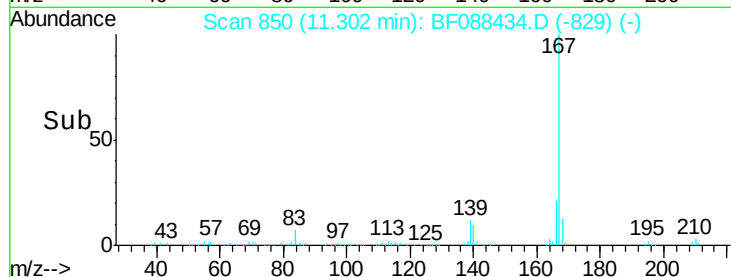
139 12.5 11.2 16.8



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



#74

Fluoranthene

Concen: 192.89 ng

RT: 12.29 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF088434.D

Acq: 26 Jun 2016 22:49

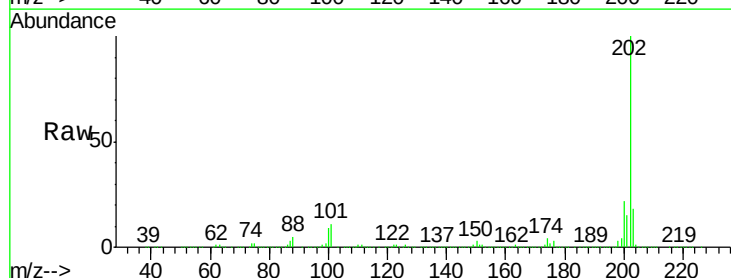
Tgt Ion:202 Resp: 2136737

Ion Ratio Lower Upper

202 100

101 11.4 0.0 33.1

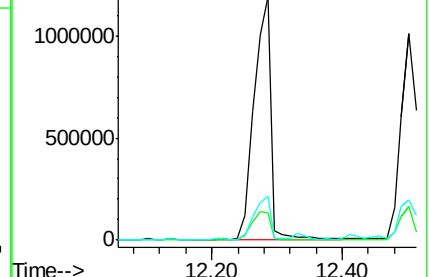
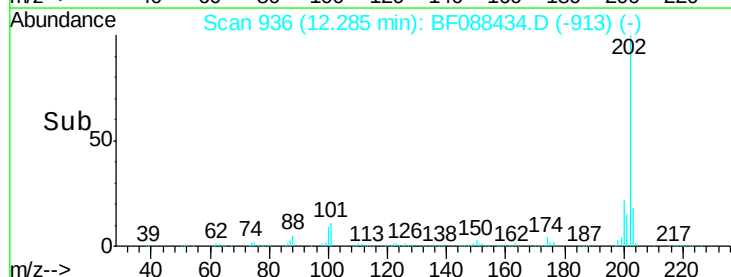
203 17.9 0.0 38.1

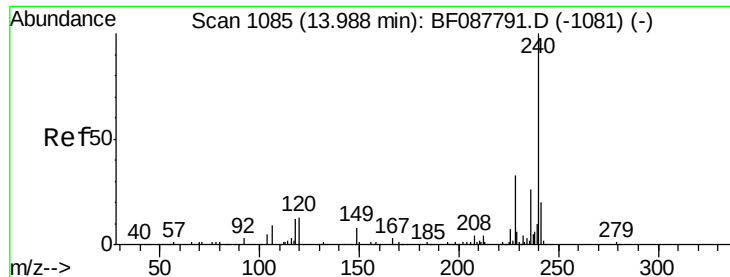


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.05 min

Lab File: BF088434.D

Acq: 26 Jun 2016 22:49

Instrument :

BNA_G

ClientSampleId :

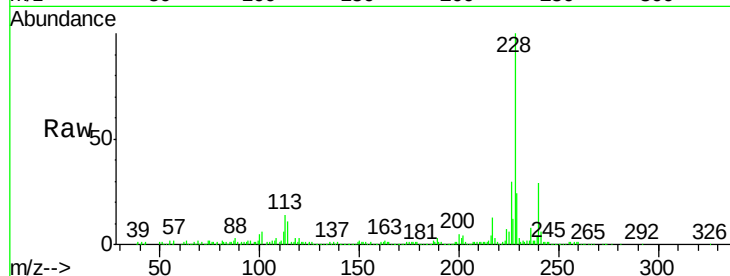
Tot Ion:240 Resp: 116412

Ion Ratio Lower Upper

240 100

120 11.3 6.8 10.2#

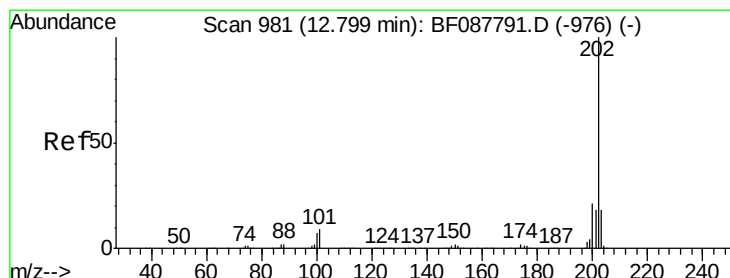
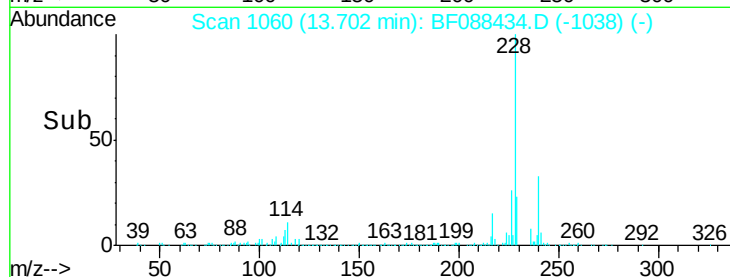
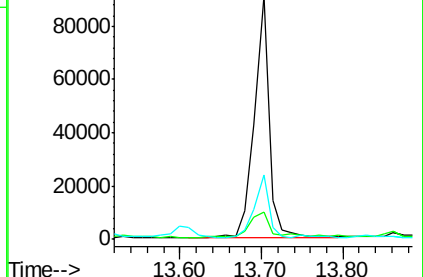
236 26.5 20.2 30.2



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: 199.83 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.05 min

Lab File: BF088434.D

Acq: 26 Jun 2016 22:49

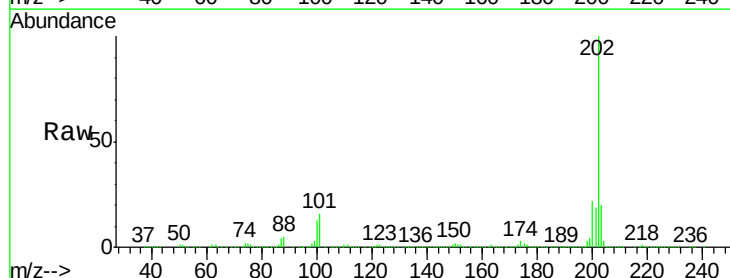
Tgt Ion:202 Resp: 1726200

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

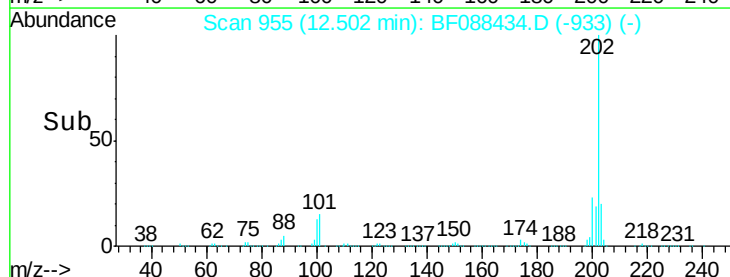
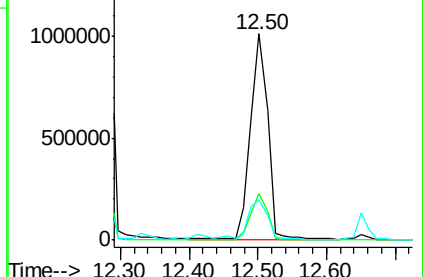
203 19.6 14.5 21.7

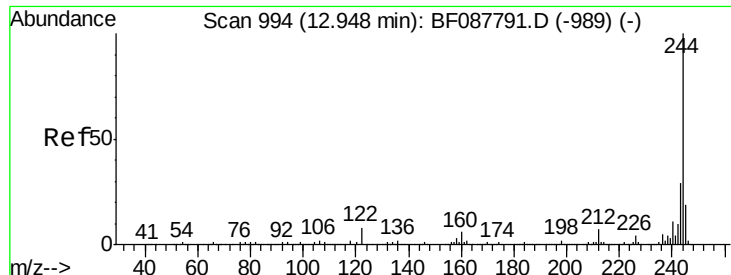


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

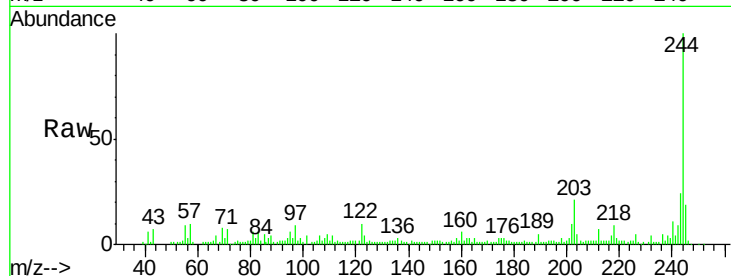




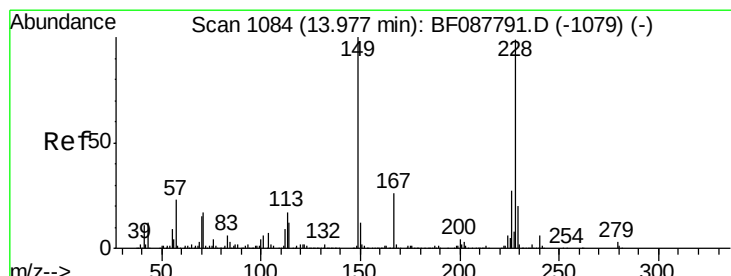
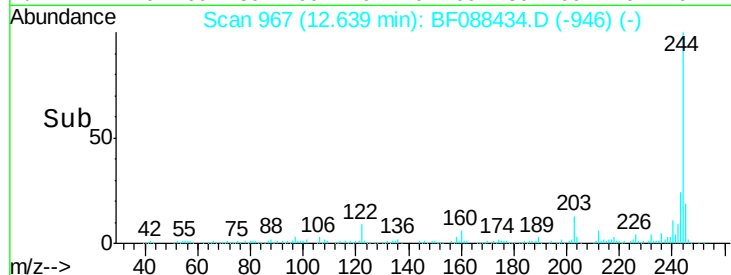
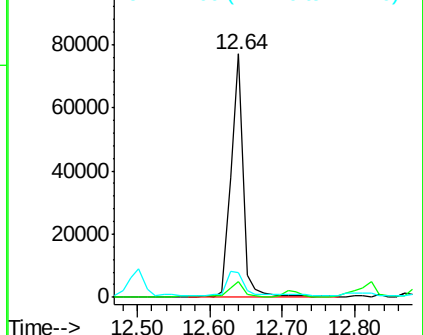
#78
 Terphenyl-d14
 Concen: 17.76 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.06 min
 Lab File: BF088434.D
 Acq: 26 Jun 2016 22:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 90865
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 9.9 11.2 16.8#

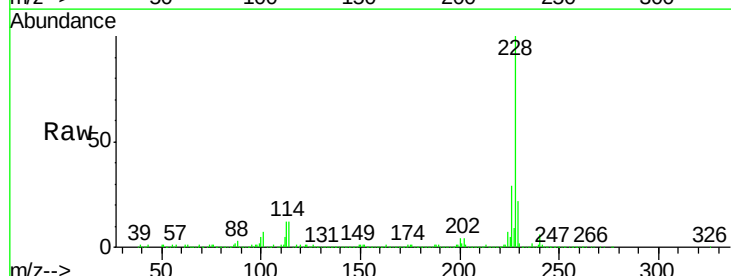


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

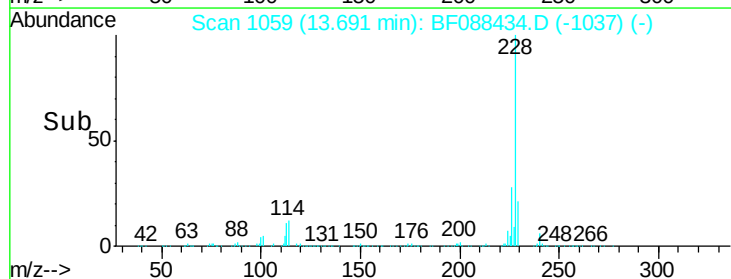
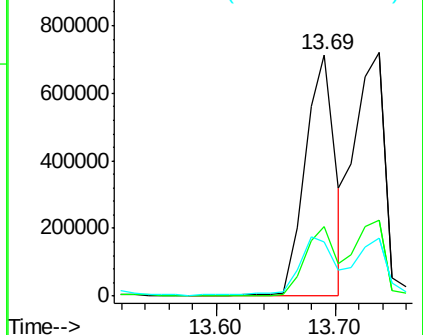


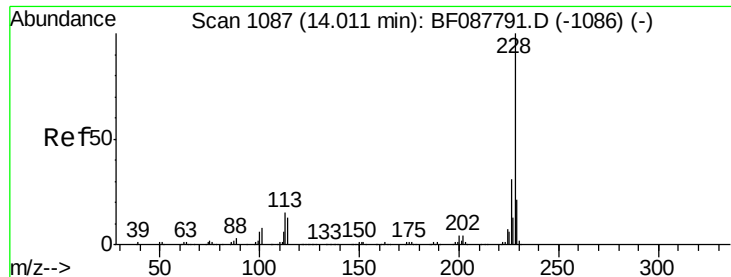
#80
 Benzo(a)anthracene
 Concen: 186.77 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. -0.05 min
 Lab File: BF088434.D
 Acq: 26 Jun 2016 22:49

Tgt Ion:228 Resp: 1238987
 Ion Ratio Lower Upper
 228 100
 226 28.6 22.3 33.5
 229 22.2 16.0 24.0



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

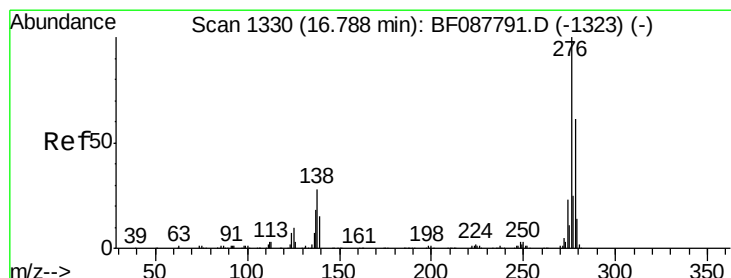
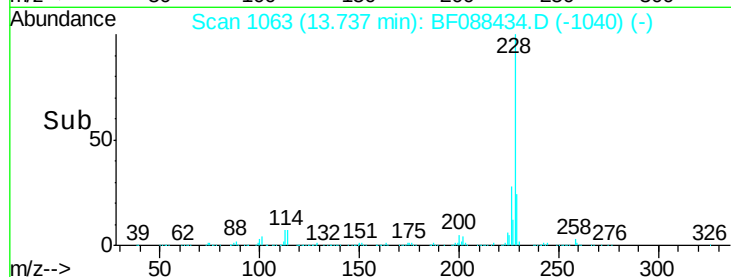
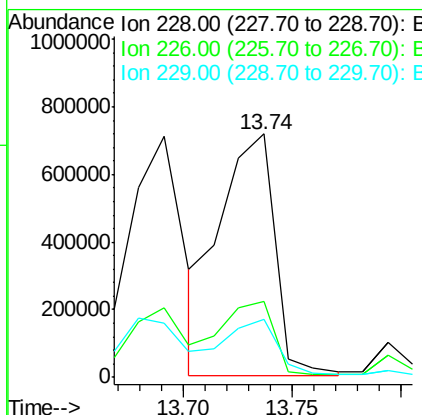
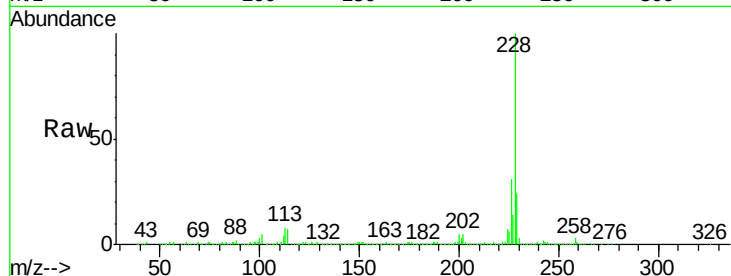




#82
Chrysene
Concen: 200.21 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.03 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

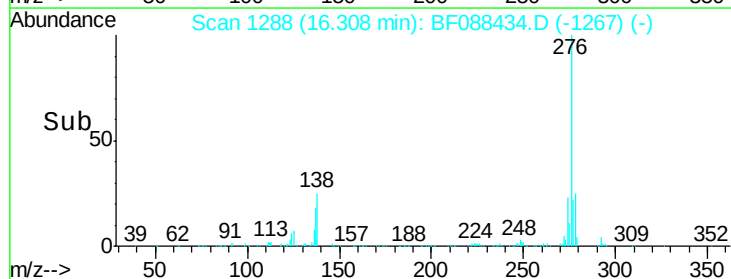
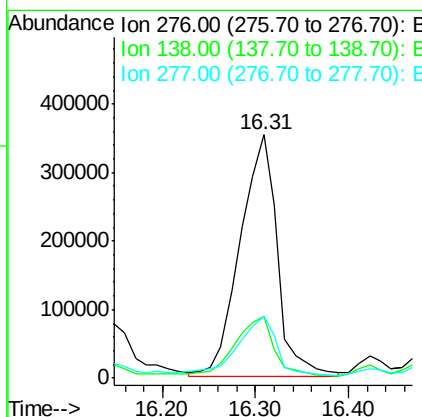
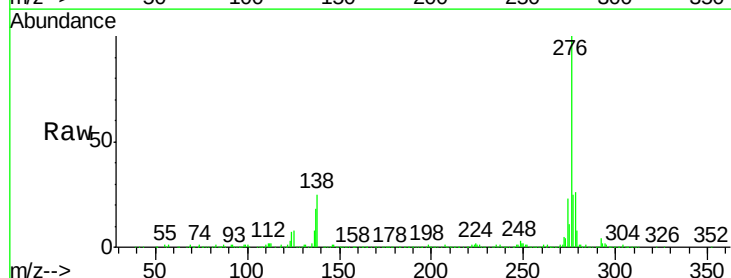
Instrument :
BNA_G
ClientSampled :

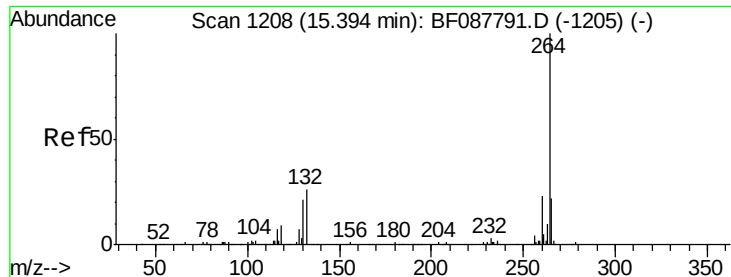
Tot Ion:228 Resp: 1249498
Ion Ratio Lower Upper
228 100
226 31.4 25.4 38.2
229 24.1 16.3 24.5



#85
Indeno(1,2,3-cd)pyrene
Concen: 168.15 ng
RT: 16.31 min Scan# 1288
Delta R.T. -0.06 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion:276 Resp: 975036
Ion Ratio Lower Upper
276 100
138 27.0 0.0 0.0#
277 24.5 0.0 0.0#

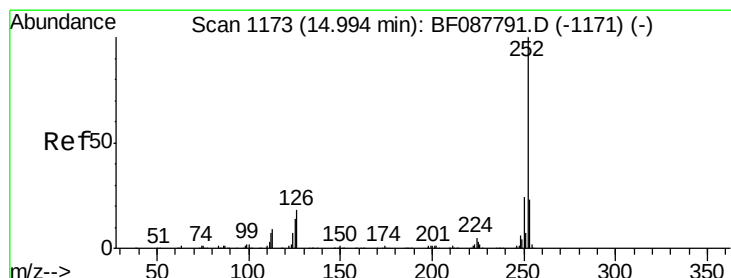
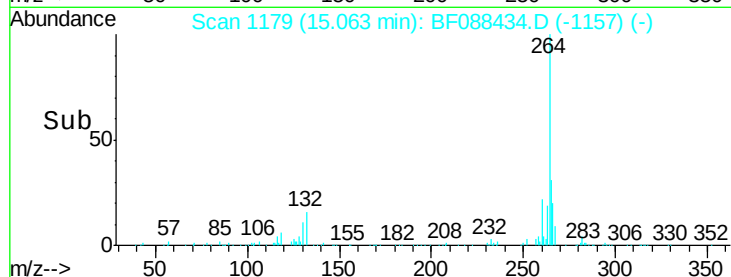
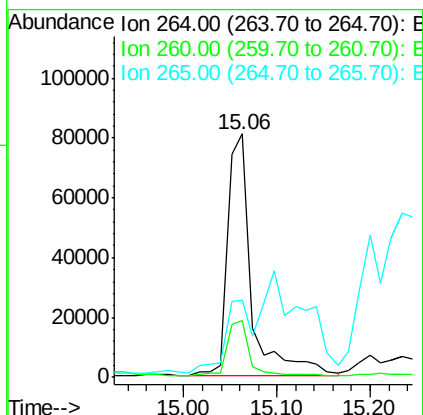
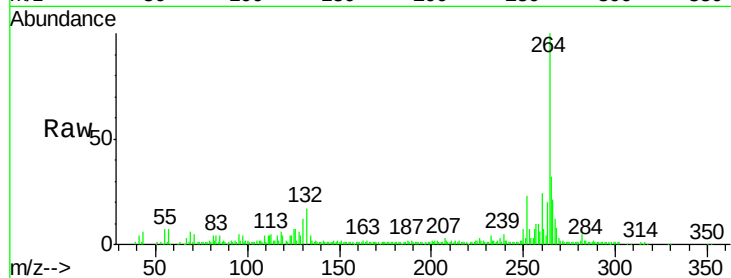




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

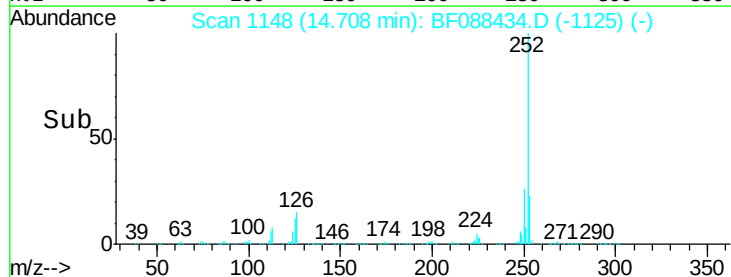
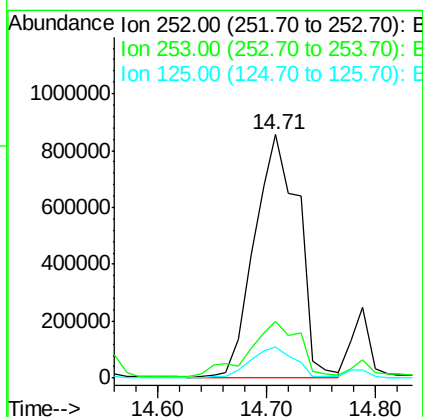
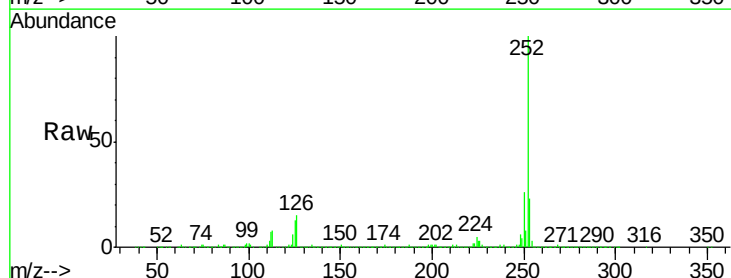
Instrument :
BNA_G
ClientSampleId :

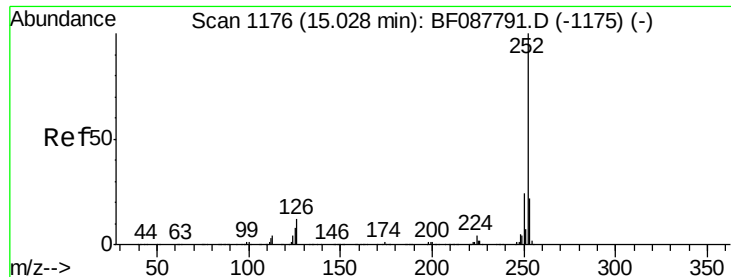
Tot Ion:264 Resp: 144490
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 31.9 16.9 25.3#



#87
Benzo(b)fluoranthene
Concen: 238.48 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.03 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion:252 Resp: 2401735
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 12.6 7.1 10.7#

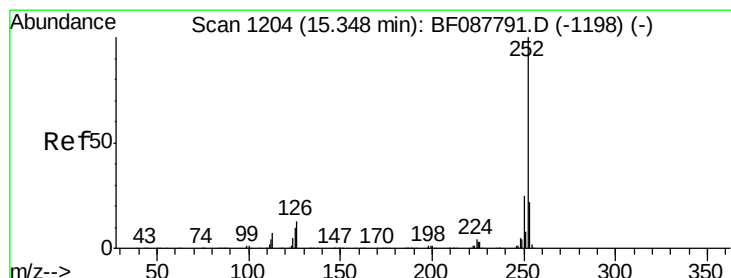
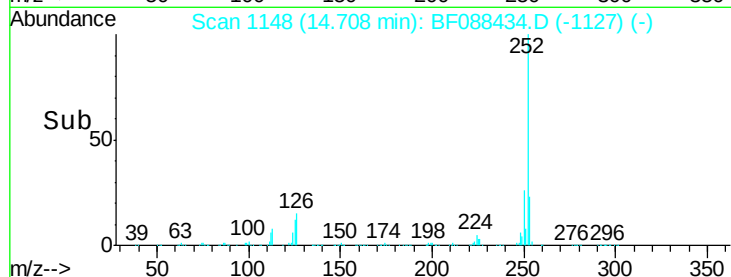
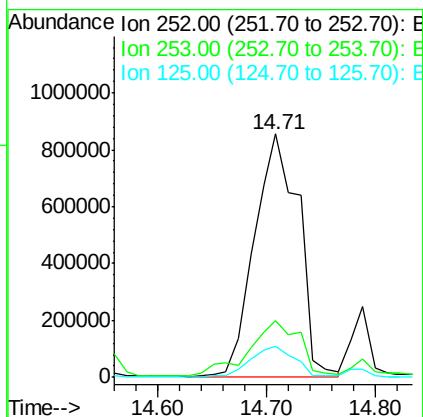
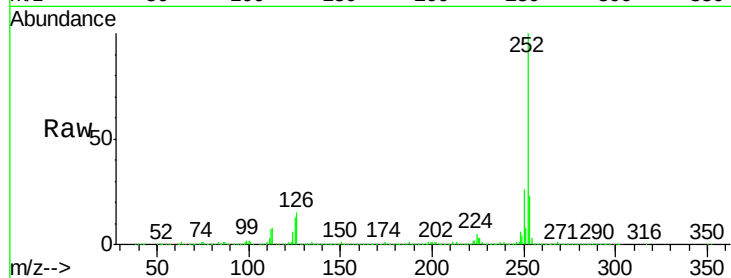




#88
Benzo(k)fluoranthene
Concen: 316.15 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.06 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

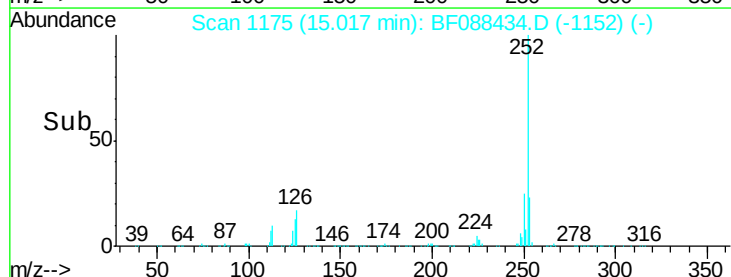
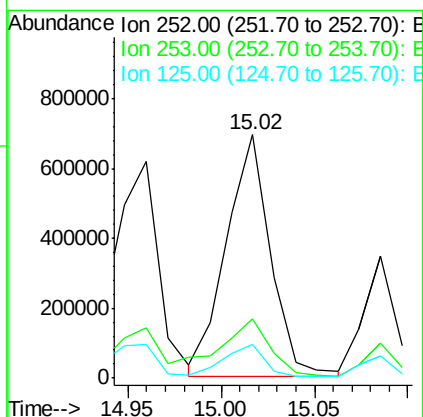
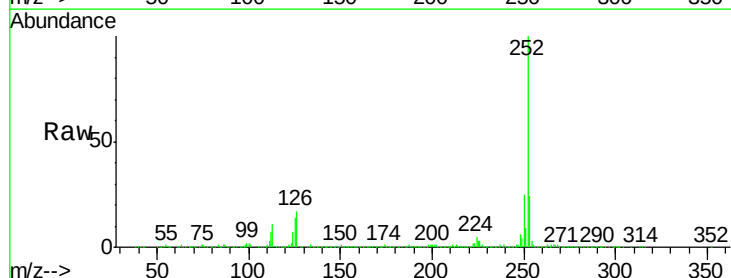
Instrument :
BNA_G
ClientSampled :

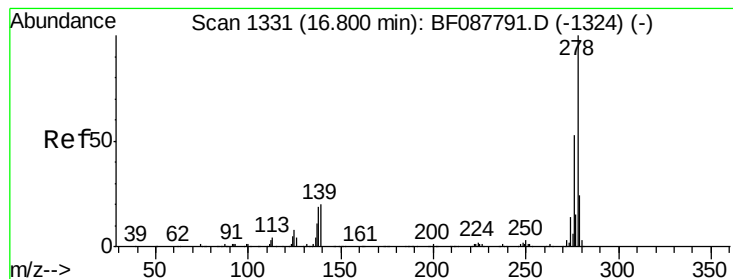
Tot Ion:252 Resp: 2401735
Ion Ratio Lower Upper
252 100
253 23.5 18.0 27.0
125 12.6 11.2 16.8



#89
Benzo(a)pyrene
Concen: 140.25 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.03 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion:252 Resp: 1142703
Ion Ratio Lower Upper
252 100
253 24.3 17.9 26.9
125 13.6 12.5 18.7





#90

Dibenzo(a,h)anthracene

Concen: 48.49 ng

RT: 16.30 min Scan# 1287

Delta R.T. -0.07 min

Lab File: BF088434.D

Acq: 26 Jun 2016 22:49

Instrument :

BNA_G

ClientSampled :

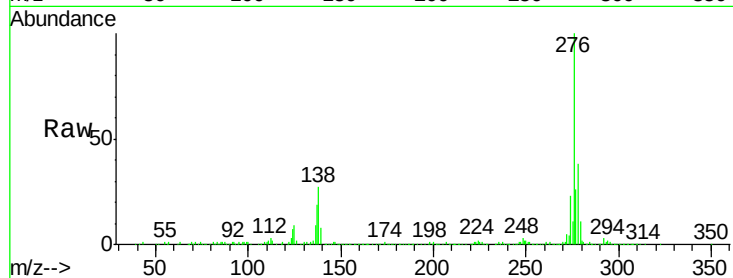
Tot Ion:278 Resp: 366948

Ion Ratio Lower Upper

278 100

139 20.8 15.7 23.5

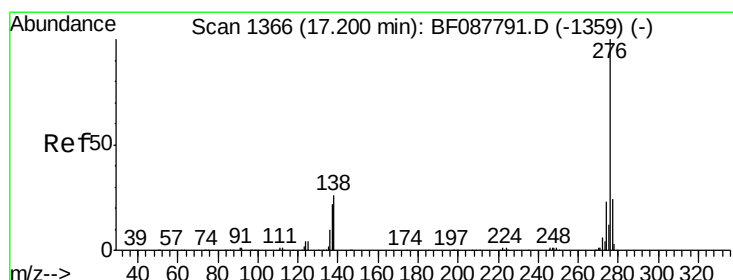
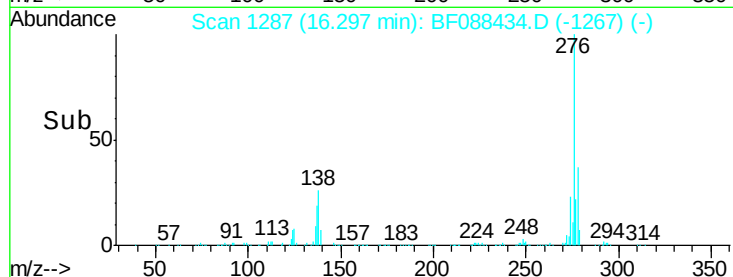
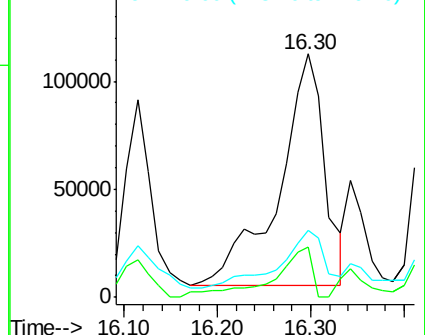
279 27.4 19.4 29.2



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: 118.15 ng

RT: 16.69 min Scan# 1321

Delta R.T. -0.06 min

Lab File: BF088434.D

Acq: 26 Jun 2016 22:49

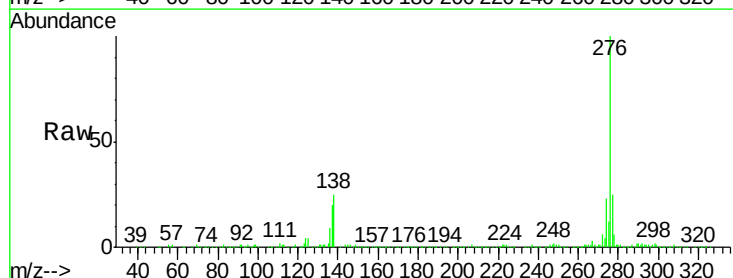
Tgt Ion:276 Resp: 919737

Ion Ratio Lower Upper

276 100

277 25.4 18.9 28.3

138 24.5 21.4 32.2



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

