

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088428.D
 Acq On : 26 Jun 2016 19:55
 Operator : UM/SJ
 Sample : H3663-15 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 03:57:36 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

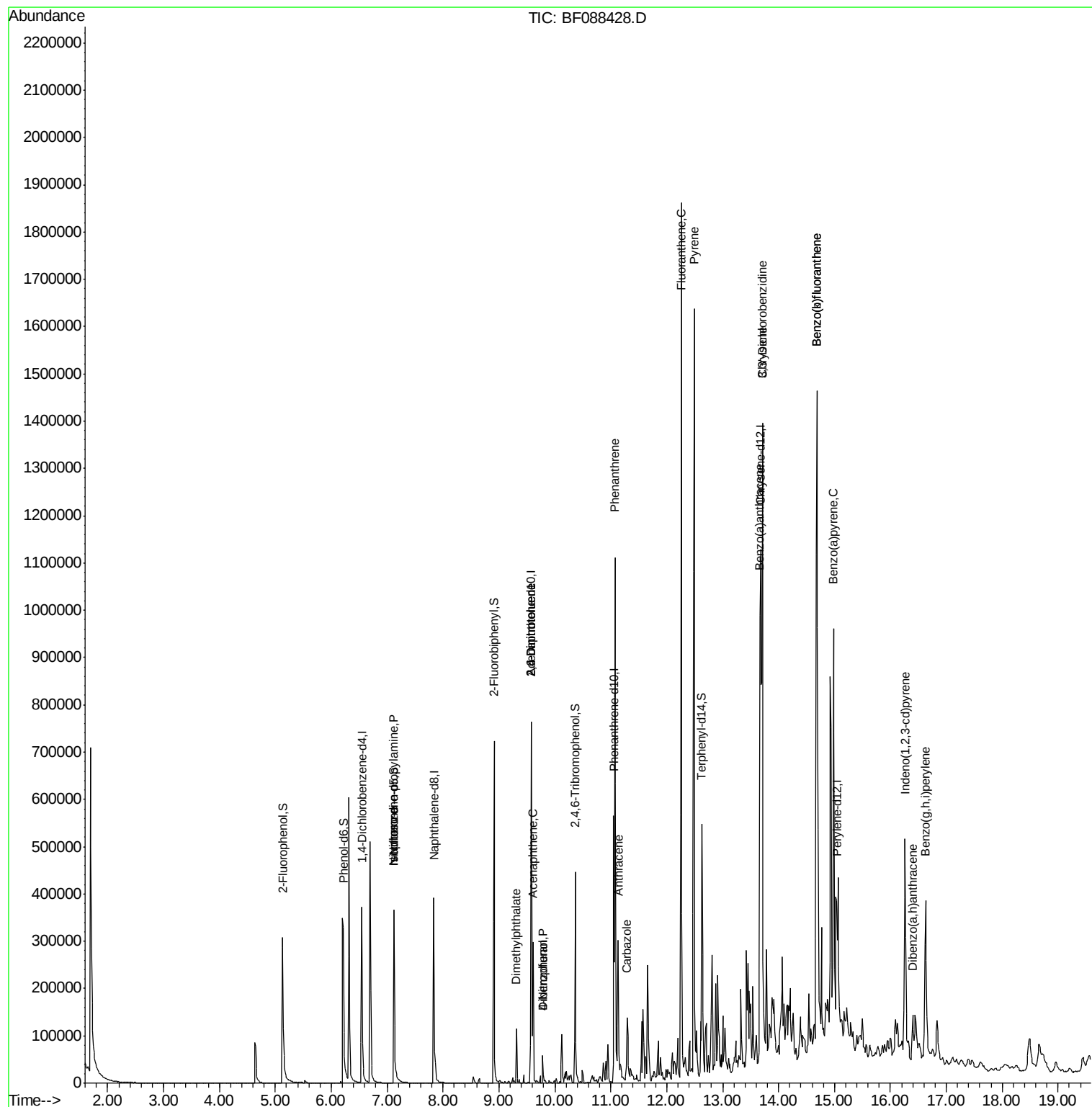
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	80368	20.00	ng	-0.06
21) Naphthalene-d8	7.84	136	323994	20.00	ng	-0.06
38) Acenaphthene-d10	9.58	164	147895	20.00	ng	-0.07
63) Phenanthrene-d10	11.05	188	241064	20.00	ng	-0.07
75) Chrysene-d12	13.68	240	152743	20.00	ng	-0.07
86) Perylene-d12	15.04	264	169328	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	207107	44.05	ng	-0.05
7) Phenol-d6	6.22	99	275872	48.42	ng	-0.05
23) Nitrobenzene-d5	7.12	82	168627	30.39	ng	-0.06
41) 2,4,6-Tribromophenol	10.36	330	57675	36.93	ng	-0.07
44) 2-Fluorobiphenyl	8.91	172	304857	28.71	ng	-0.06
78) Terphenyl-d14	12.63	244	186427	27.77	ng	-0.07
Target Compounds						
10) Phenol	6.23	94	717	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.12	70	20222	5.55 ng	#	70
25) Isophorone	7.12	82	164120	15.97 ng	#	65
45) 1,1'-Biphenyl	9.02	154	1985	Below Cal		99
49) Dimethylphthalate	9.31	163	50786	4.74 ng		99
50) 2,6-Dinitrotoluene	9.58	165	18653	7.60 ng	#	40
51) Acenaphthene	9.61	154	74071	7.80 ng		98
54) Dibenzofuran	9.78	168	30385	2.32 ng		91
55) 4-Nitrophenol	9.78	139	10714	4.88 ng	#	5
56) 2,4-Dinitrotoluene	9.58	165	18653	5.92 ng	#	38
57) Fluorene	10.12	166	38057	Below Cal		99
70) Phenanthrene	11.07	178	543268	42.95 ng		99
71) Anthracene	11.13	178	163607	12.82 ng		97
72) Carbazole	11.29	167	94272	7.90 ng		98
74) Fluoranthene	12.26	202	844428	63.26 ng		99
77) Pyrene	12.49	202	809182	71.39 ng		99
80) Benzo(a)anthracene	13.67	228	587857	67.54 ng		97
81) 3,3'-Dichlorobenzidine	13.71	252	5048	2.16 ng	#	1
82) Chrysene	13.71	228	580258	70.86 ng		97
85) Indeno(1,2,3-cd)pyrene	16.26	276	298685	39.26 ng	#	100
87) Benzo(b)fluoranthene	14.69	252	1082361	91.71 ng	#	96
88) Benzo(k)fluoranthene	14.69	252	1082361	121.58 ng		98
89) Benzo(a)pyrene	14.98	252	489245	51.24 ng		99
90) Dibenzo(a,h)anthracene	16.40	278	54228	6.11 ng		96
91) Benzo(g,h,i)perylene	16.63	276	267076	29.28 ng		97

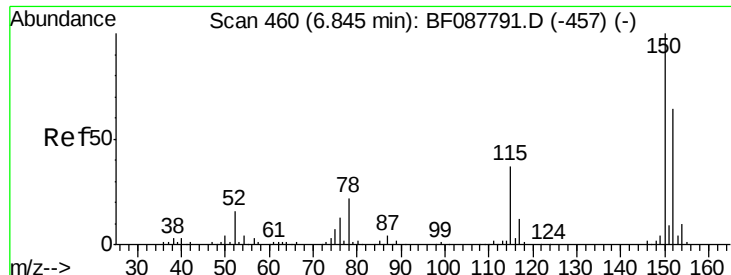
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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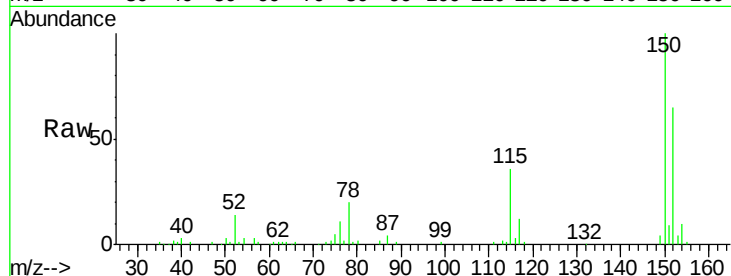


#1

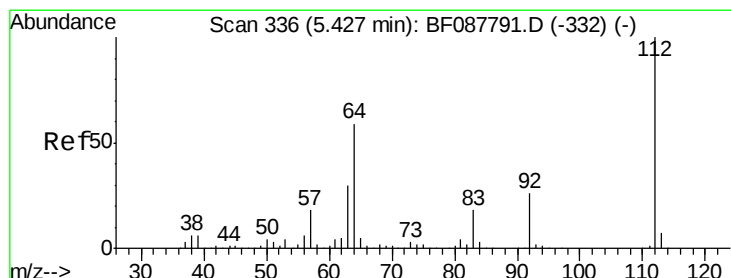
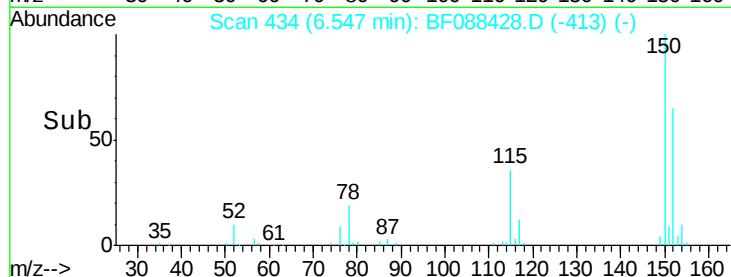
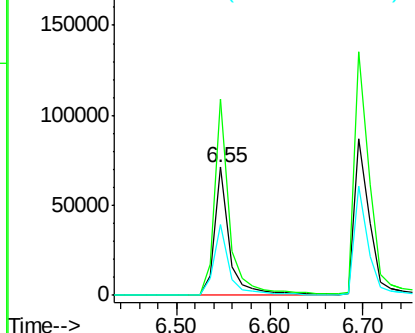
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.8	185.6
115	55.8	39.6	59.4



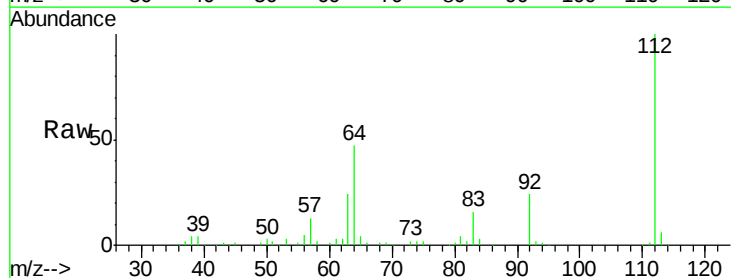
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



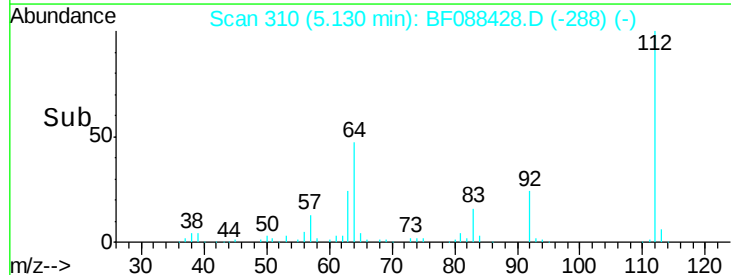
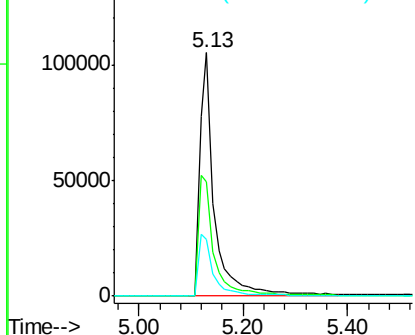
#5

2-Fluorophenol
Concen: 44.05 ng
RT: 5.13 min Scan# 310
Delta R.T. -0.05 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.7	42.2	63.2
63	23.5	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: 48.42 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.05 min

Lab File: BF088428.D

Acq: 26 Jun 2016 19:55

Instrument :

BNA_G

ClientSampleId :

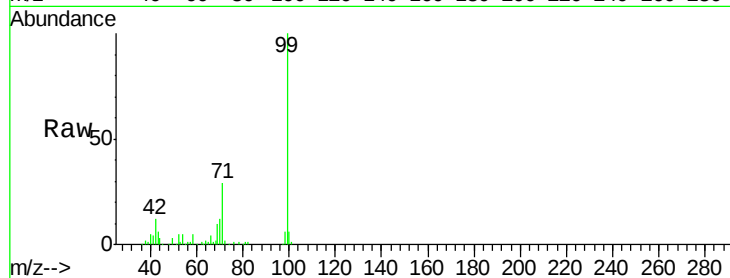
Tot Ion: 99 Resp: 275872

Ion Ratio Lower Upper

99 100

42 11.9 12.2 18.2#

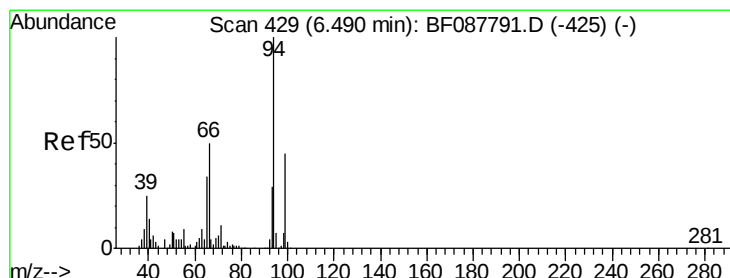
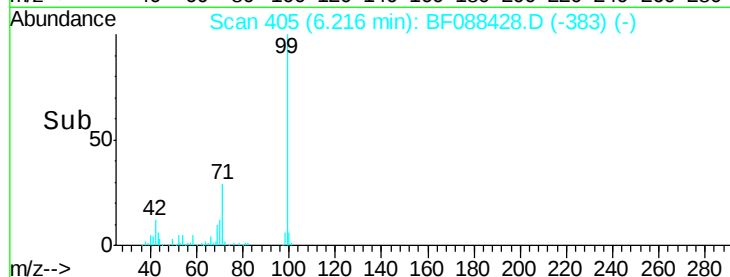
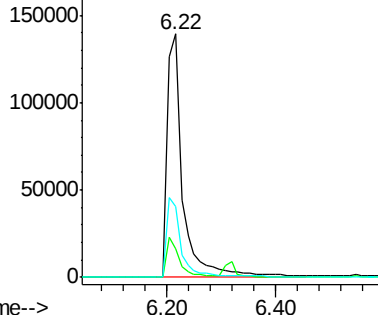
71 28.9 23.4 35.0



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: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF088428.D

Acq: 26 Jun 2016 19:55

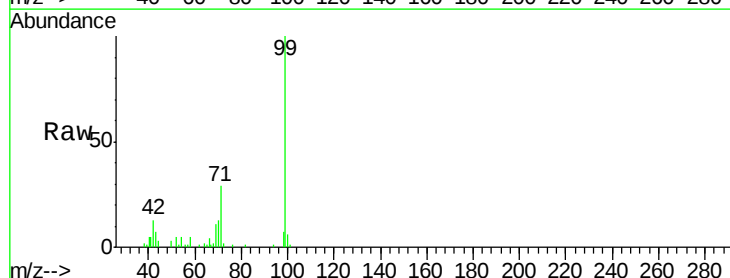
Tgt Ion: 94 Resp: 717

Ion Ratio Lower Upper

94 100

65 82.0 5.9 45.9#

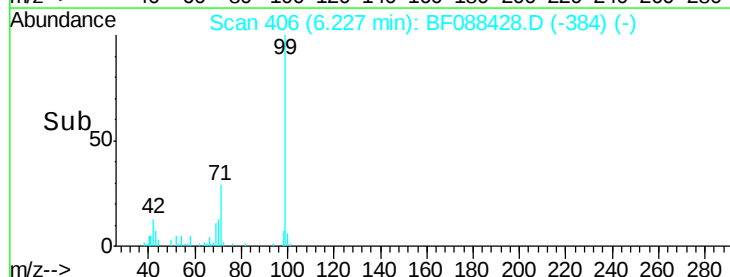
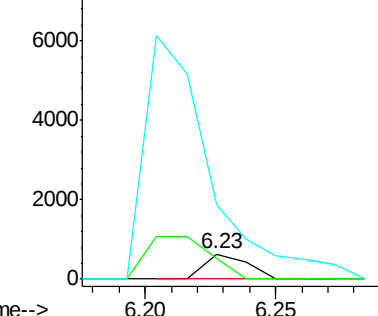
66 299.4 14.0 54.0#



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

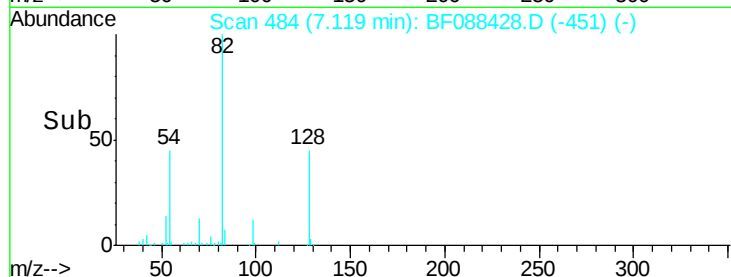
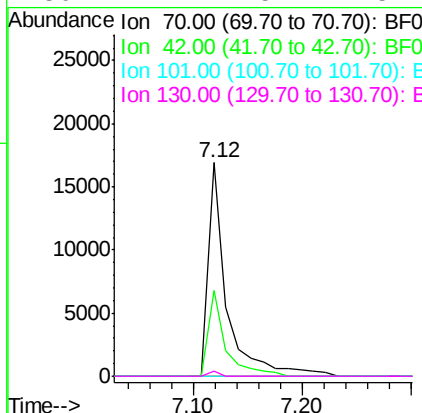
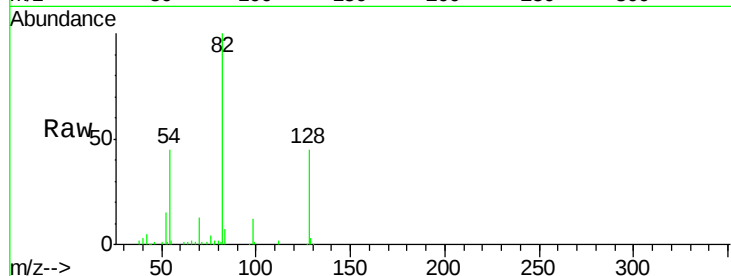




#19
n-Nitroso-di-n-propylamine
Concen: 5.55 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.08 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

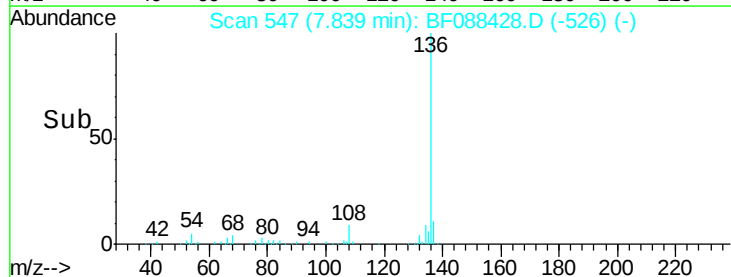
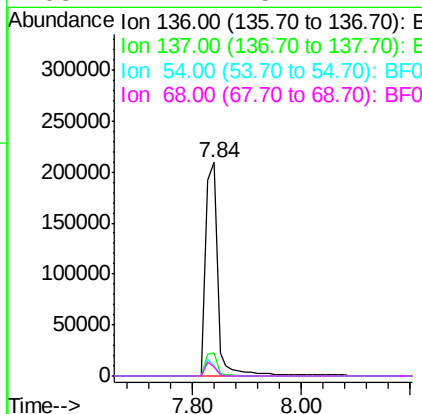
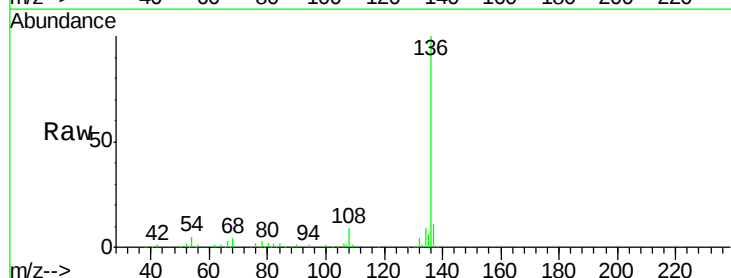
Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 20222
Ion Ratio Lower Upper
70 100
42 40.3 49.6 74.4#
101 0.0 7.1 10.7#
130 2.7 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.06 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion:136 Resp: 323994
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 4.7 6.6 10.0#
68 4.2 5.1 7.7#

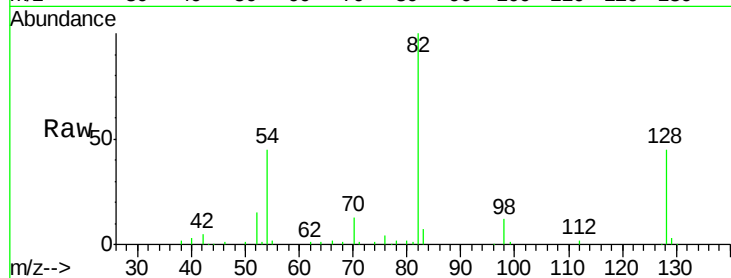




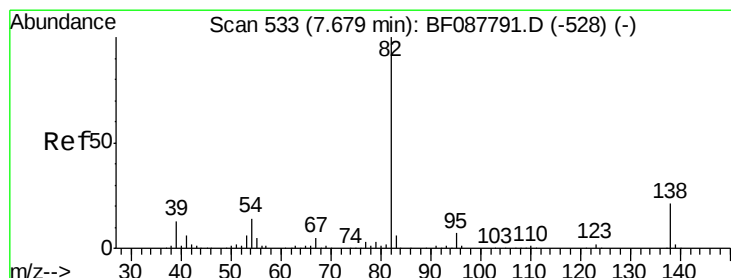
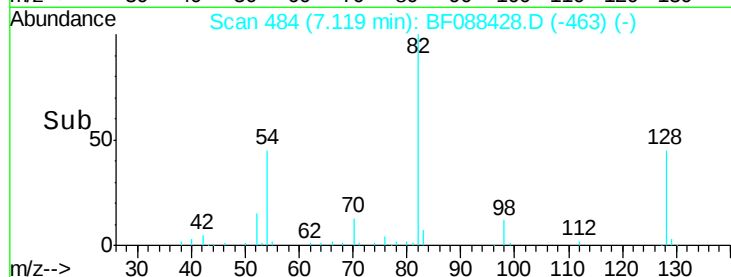
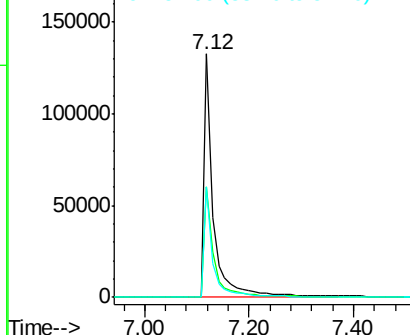
#23
Nitrobenzene-d5
Concen: 30.39 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.06 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 168627
Ion Ratio Lower Upper
82 100
128 45.4 35.9 53.9
54 45.4 40.9 61.3

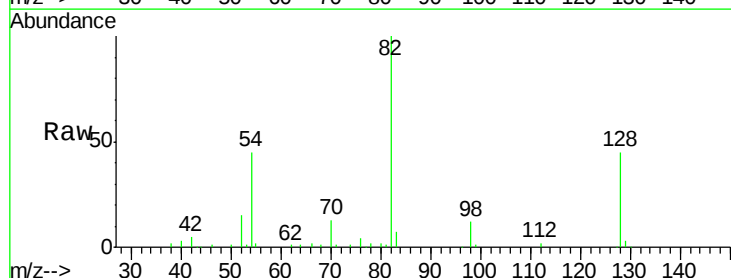


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

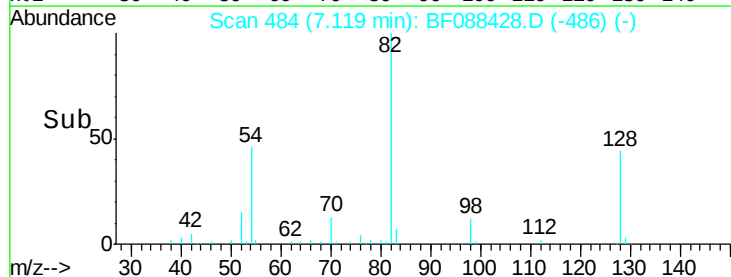
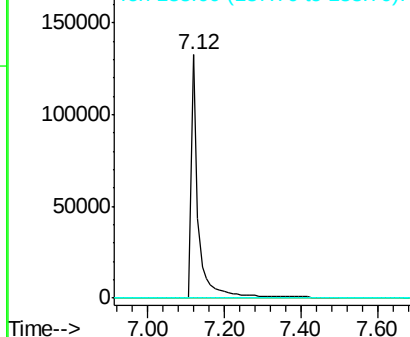


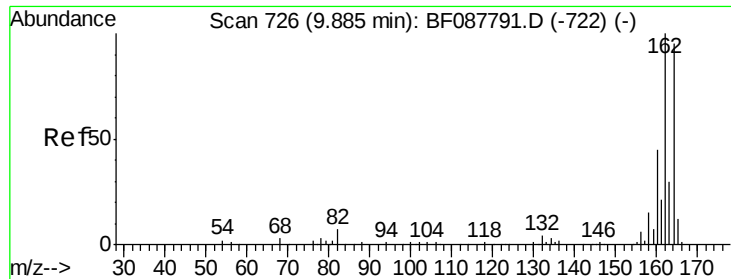
#25
Isophorone
Concen: 15.97 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.32 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion: 82 Resp: 164120
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 14.6 21.8#



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

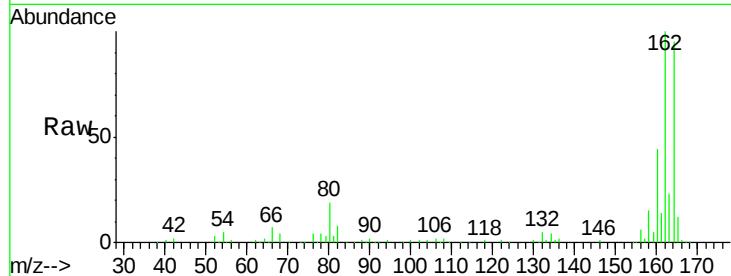




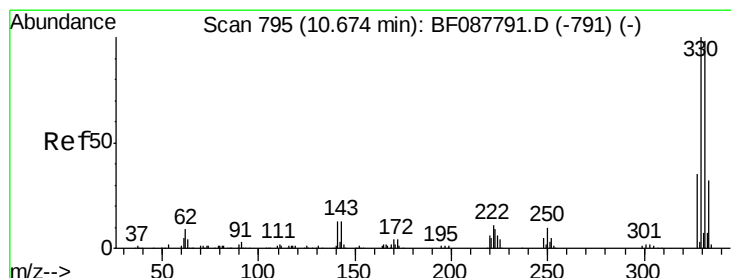
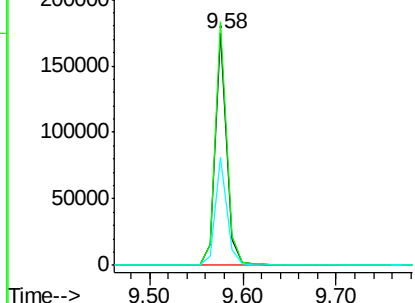
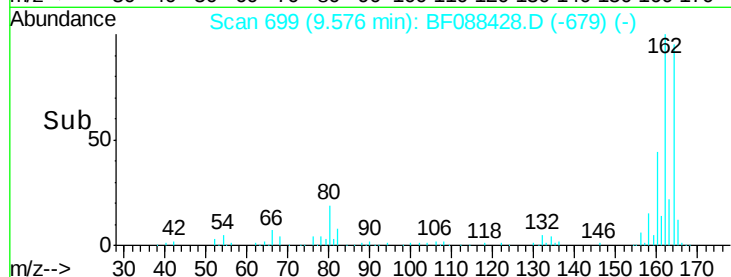
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.07 min
 Lab File: BF088428.D
 Acq: 26 Jun 2016 19:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 147895
 Ion Ratio Lower Upper
 164 100
 162 105.0 85.4 128.2
 160 46.5 39.5 59.3

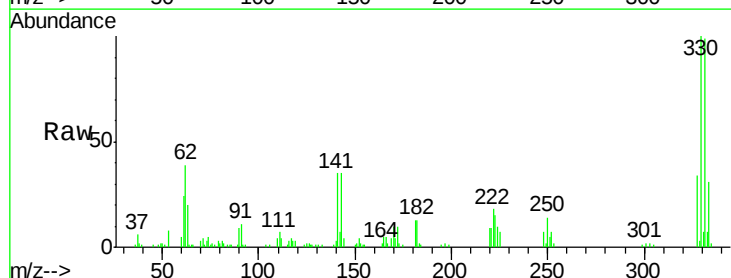


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

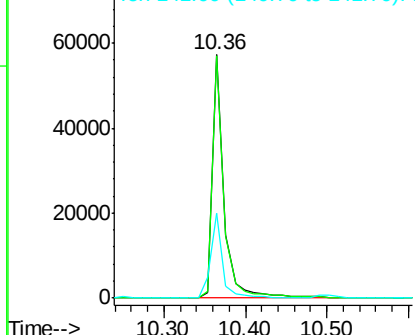
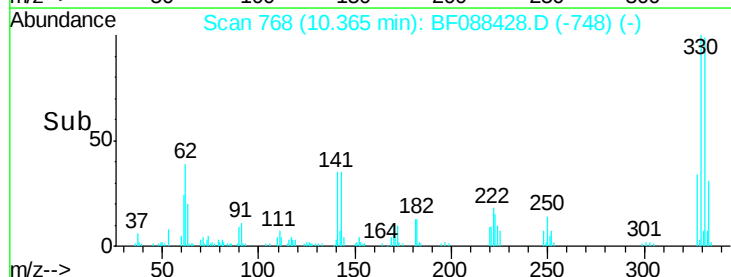


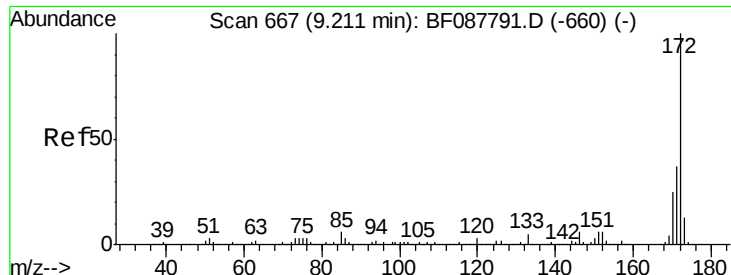
#41
 2,4,6-Tribromophenol
 Concen: 36.93 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.07 min
 Lab File: BF088428.D
 Acq: 26 Jun 2016 19:55

Tgt Ion:330 Resp: 57675
 Ion Ratio Lower Upper
 330 100
 332 98.5 0.0 0.0#
 141 36.3 0.0 0.0#



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

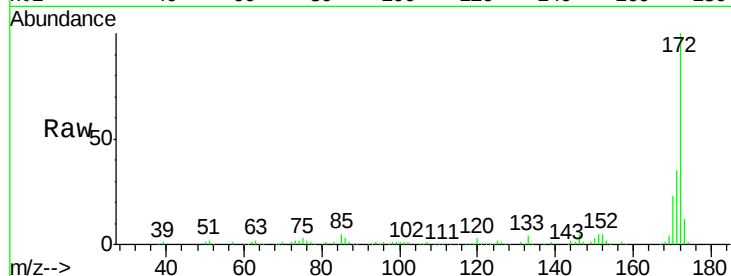




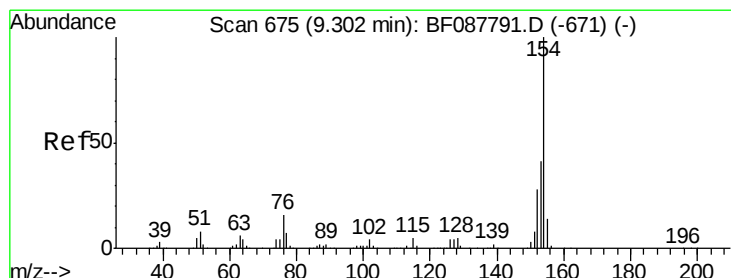
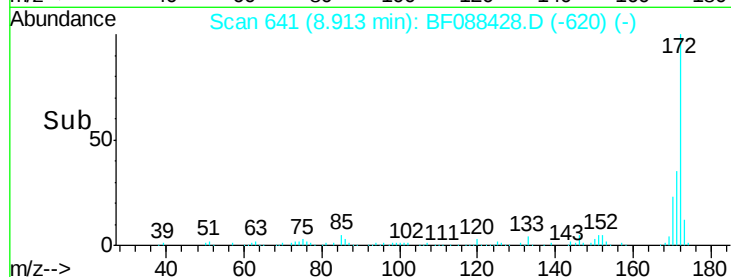
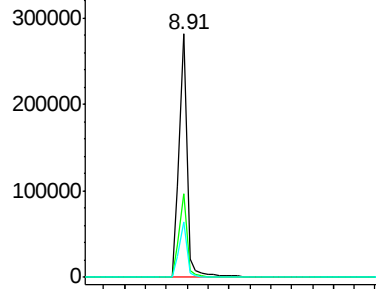
#44
 2-Fluorobiphenyl
 Concen: 28.71 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.06 min
 Lab File: BF088428.D
 Acq: 26 Jun 2016 19:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	43.0
170	22.9	19.2	28.8

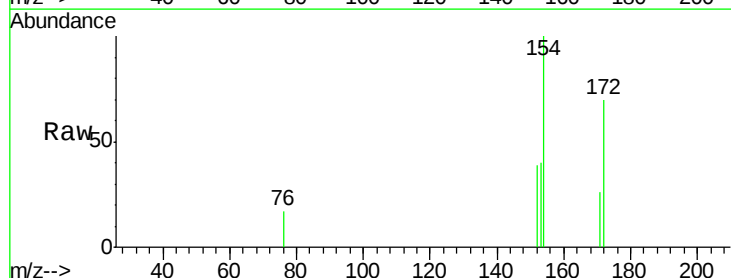


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

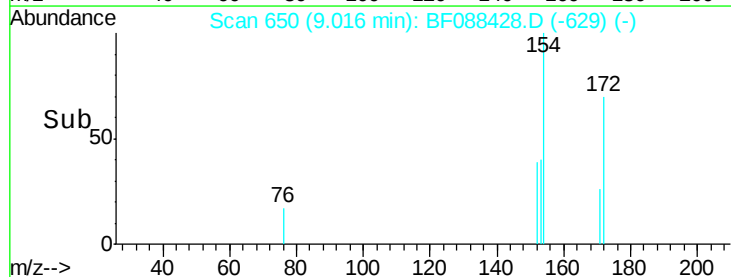
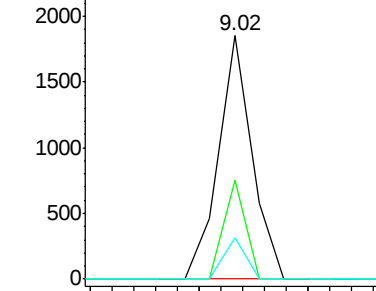


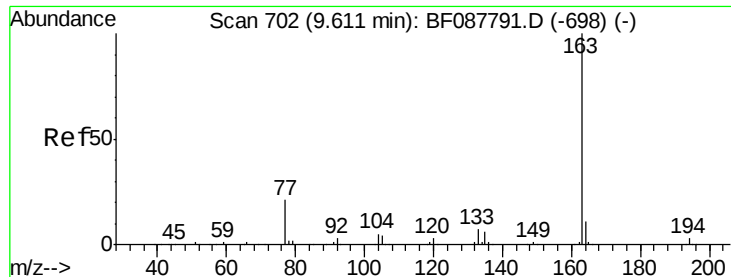
#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.02 min Scan# 650
 Delta R.T. -0.06 min
 Lab File: BF088428.D
 Acq: 26 Jun 2016 19:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.6	60.6
76	17.0	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

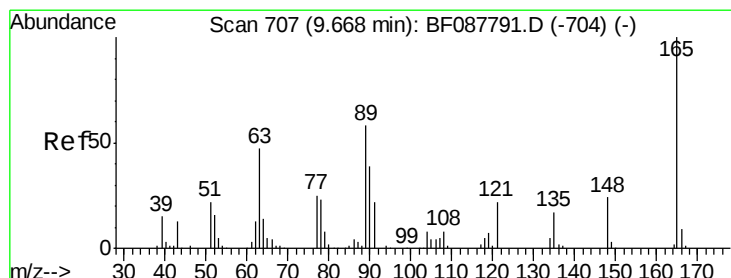
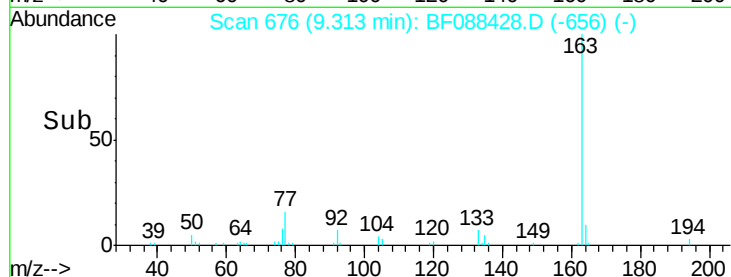
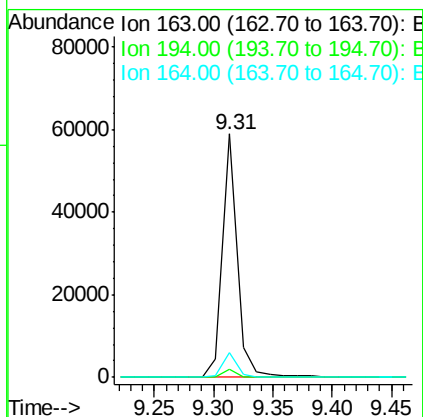
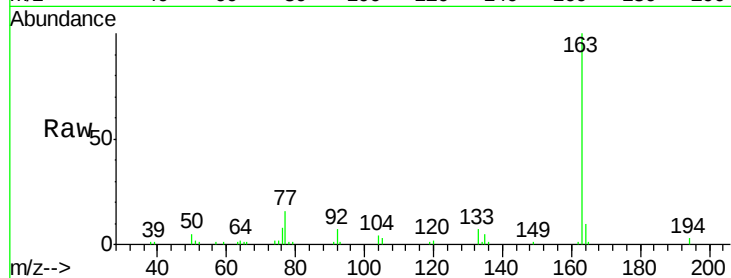




#49
Dimethylphthalate
Concen: 4.74 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.07 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

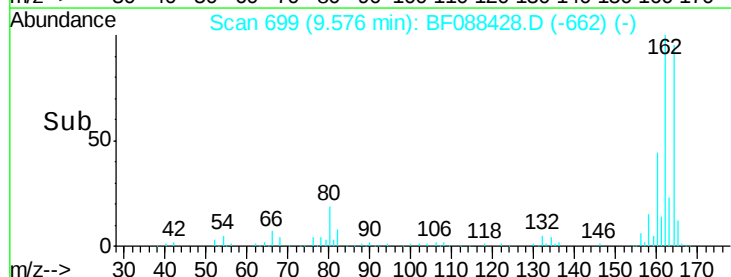
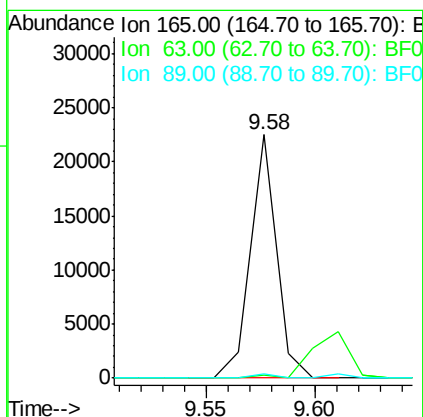
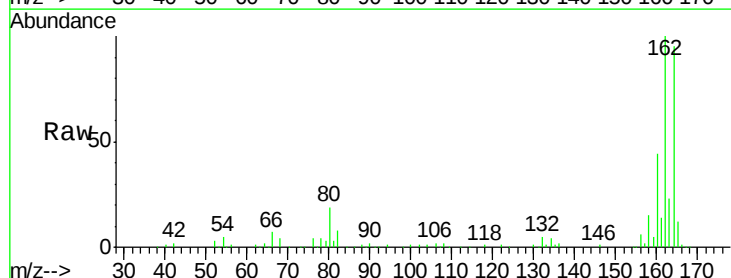
Instrument :
BNA_G
ClientSampleId :

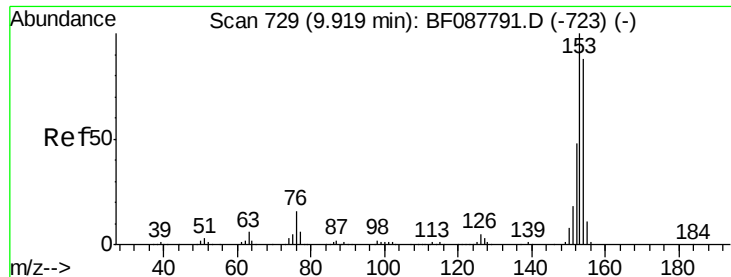
Tot Ion:163 Resp: 50786
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.1 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 7.60 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.13 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion:165 Resp: 18653
Ion Ratio Lower Upper
165 100
63 1.4 28.1 42.1#
89 1.8 32.2 48.2#





#51

Acenaphthene

Concen: 7.80 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.07 min

Lab File: BF088428.D

Acq: 26 Jun 2016 19:55

Instrument :

BNA_G

ClientSampleId :

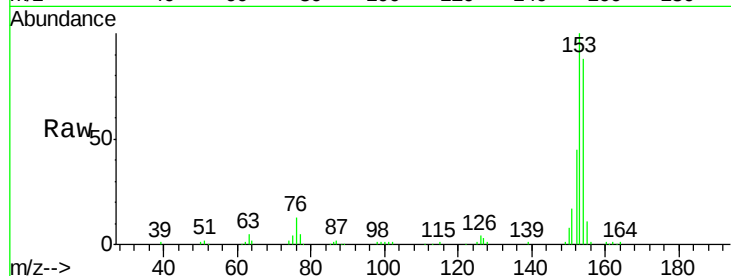
Tot Ion:154 Resp: 74071

Ion Ratio Lower Upper

154 100

153 114.1 89.5 134.3

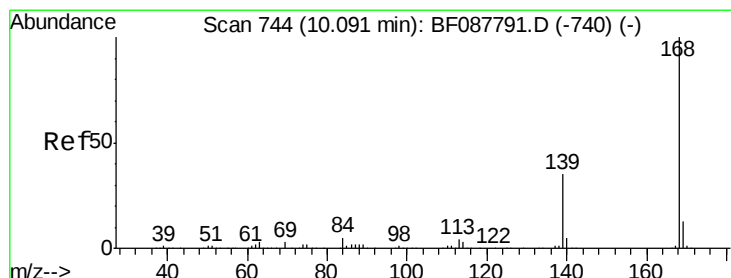
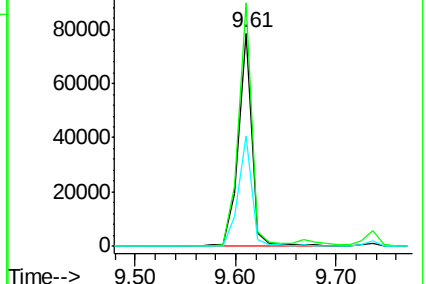
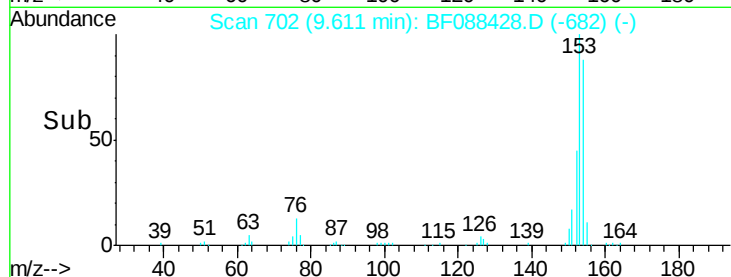
152 51.8 42.7 64.1



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

Dibenzofuran

Concen: 2.32 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.07 min

Lab File: BF088428.D

Acq: 26 Jun 2016 19:55

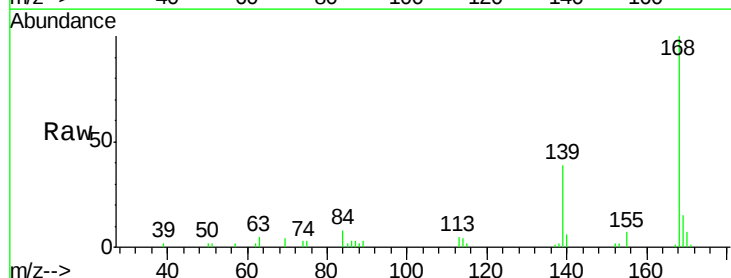
Tgt Ion:168 Resp: 30385

Ion Ratio Lower Upper

168 100

139 38.7 26.4 39.6

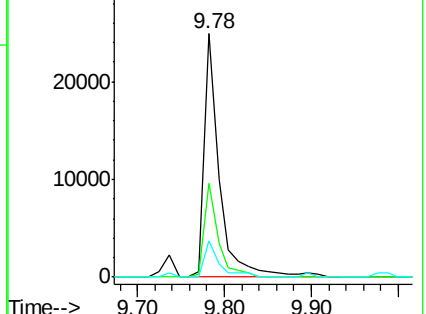
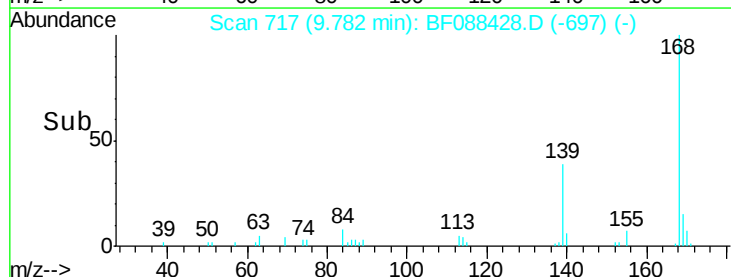
169 14.9 10.4 15.6

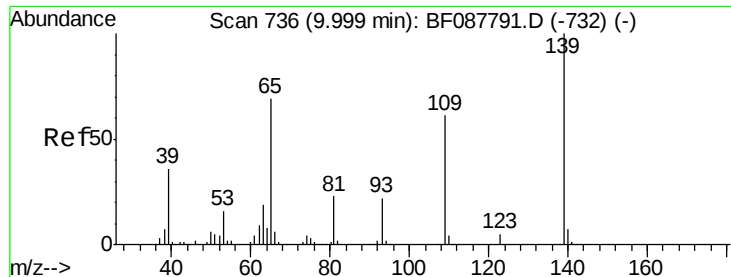


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

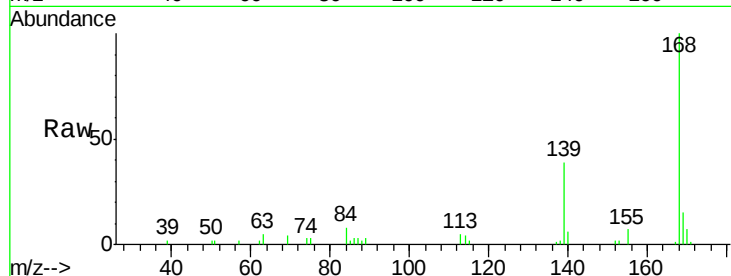




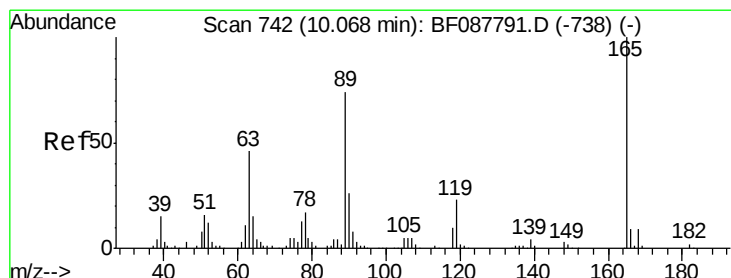
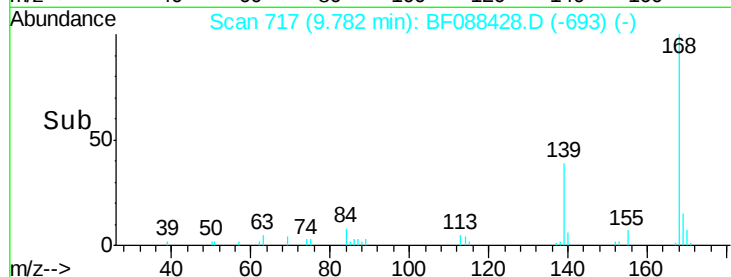
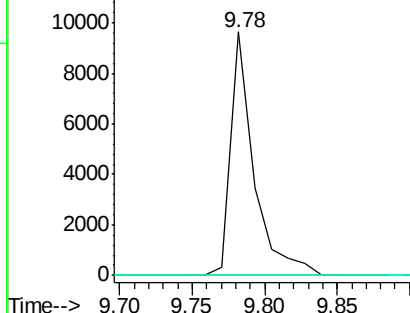
#55
4-Nitrophenol
Concen: 4.88 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 10714
Ion Ratio Lower Upper
139 100
109 0.0 48.9 88.9#
65 0.0 84.9 124.9#

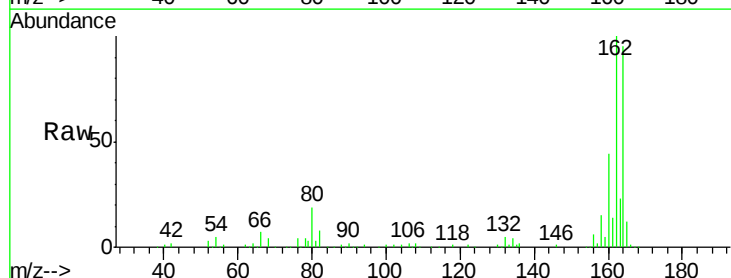


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

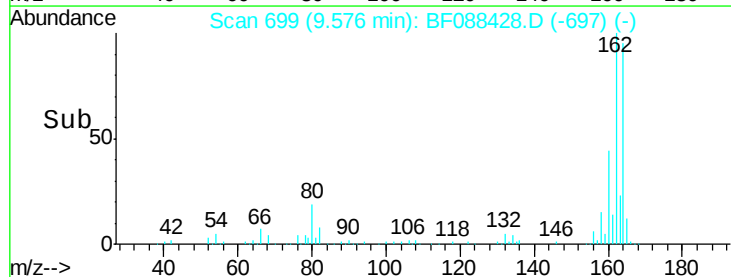
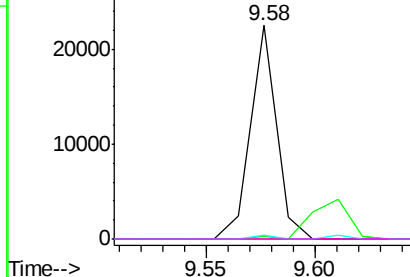


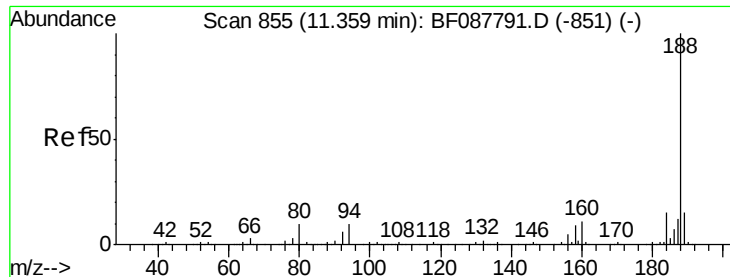
#56
2,4-Dinitrotoluene
Concen: 5.92 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.27 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion:165 Resp: 18653
Ion Ratio Lower Upper
165 100
63 1.4 22.0 33.0#
89 1.8 41.1 61.7#
182 0.0 2.0 3.0#



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
Ion 182.00 (181.70 to 182.70): E

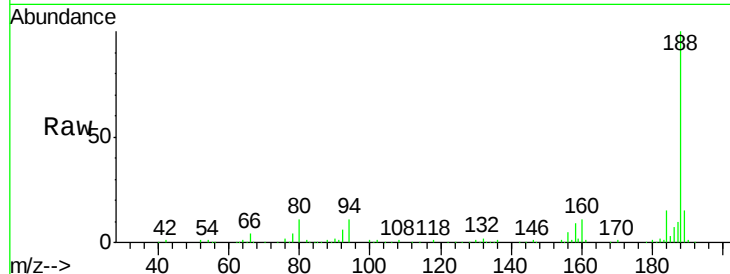




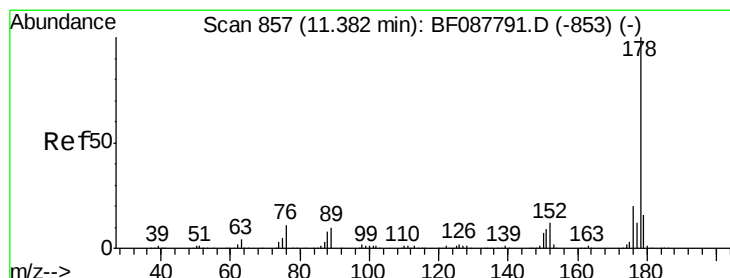
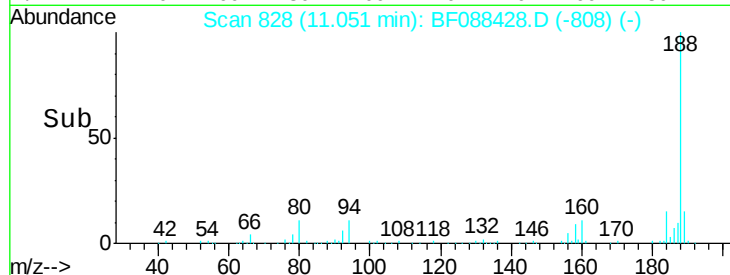
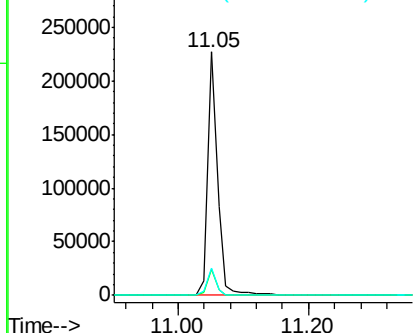
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.07 min
 Lab File: BF088428.D
 Acq: 26 Jun 2016 19:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 241064
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.0 13.6
 80 11.1 10.0 15.0

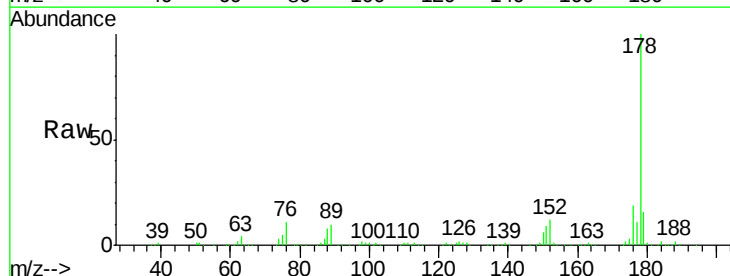


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

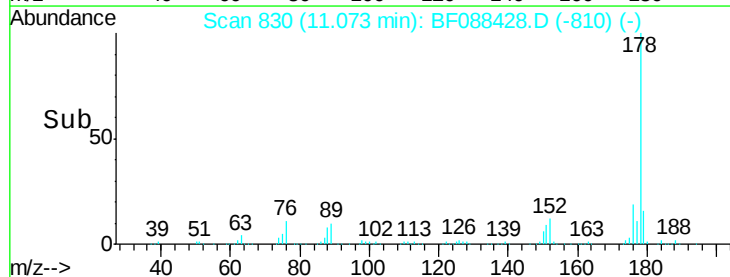
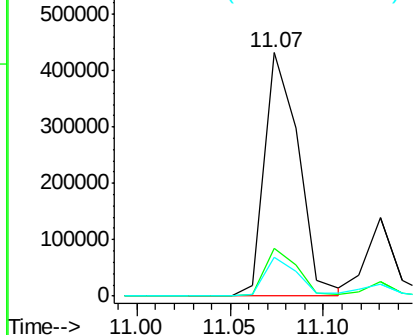


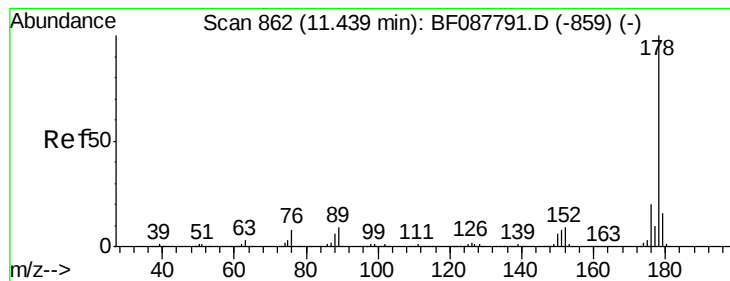
#70
 Phenanthrene
 Concen: 42.95 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.07 min
 Lab File: BF088428.D
 Acq: 26 Jun 2016 19:55

Tgt Ion:178 Resp: 543268
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.6
 179 15.8 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: 12.82 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.07 min

Lab File: BF088428.D

Acq: 26 Jun 2016 19:55

Instrument :

BNA_G

ClientSampled :

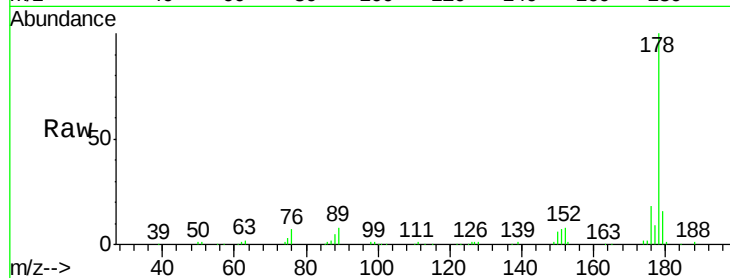
Tot Ion:178 Resp: 163607

Ion Ratio Lower Upper

178 100

176 17.7 15.6 23.4

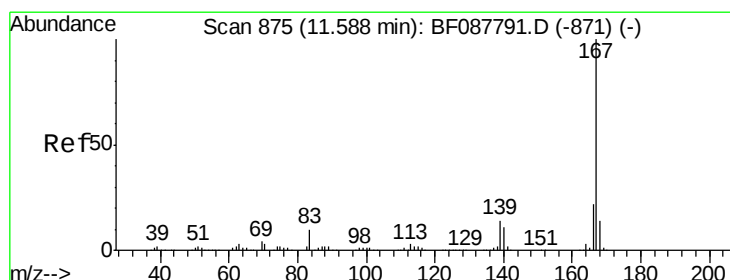
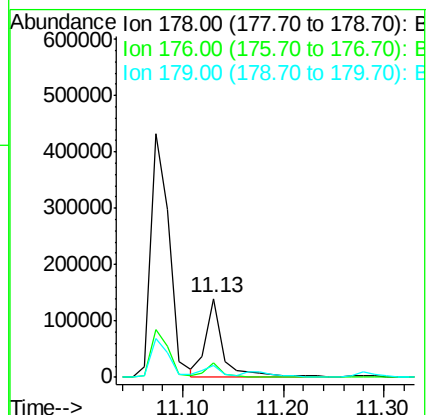
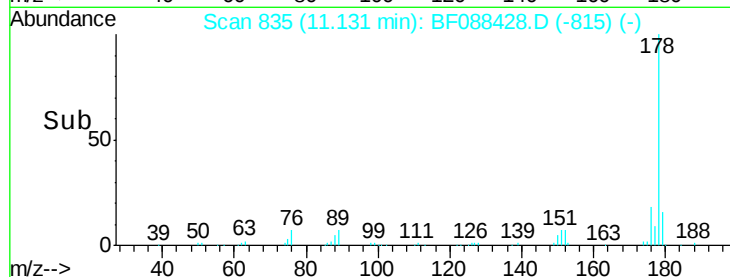
179 15.5 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 7.90 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.07 min

Lab File: BF088428.D

Acq: 26 Jun 2016 19:55

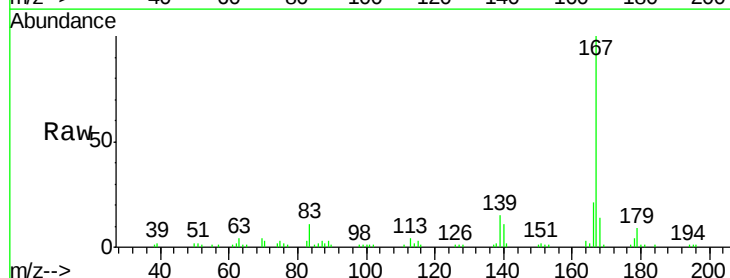
Tgt Ion:167 Resp: 94272

Ion Ratio Lower Upper

167 100

166 21.3 17.8 26.6

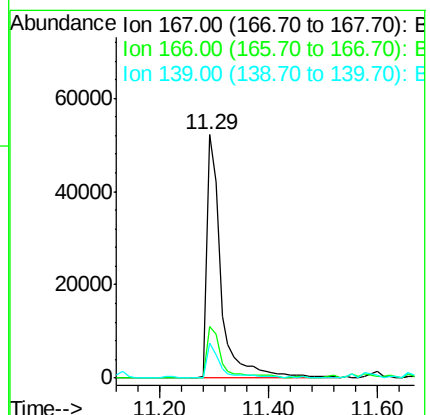
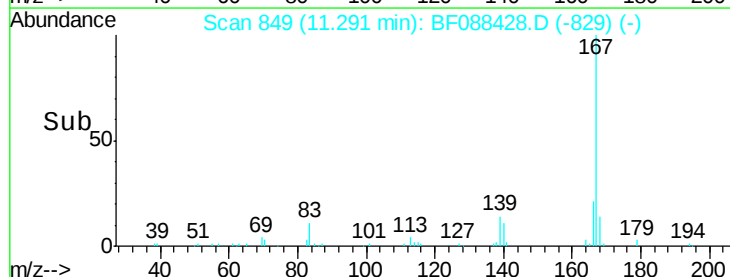
139 14.5 11.2 16.8

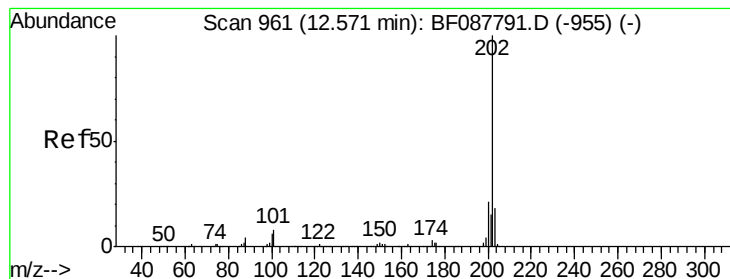


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 63.26 ng

RT: 12.26 min Scan# 934

Delta R.T. -0.06 min

Lab File: BF088428.D

Acq: 26 Jun 2016 19:55

Instrument :

BNA_G

ClientSampled :

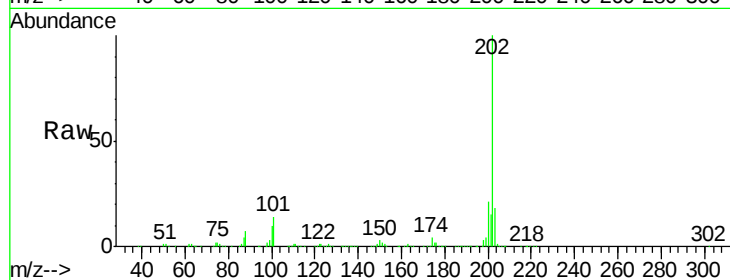
Tot Ion:202 Resp: 844428

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.1

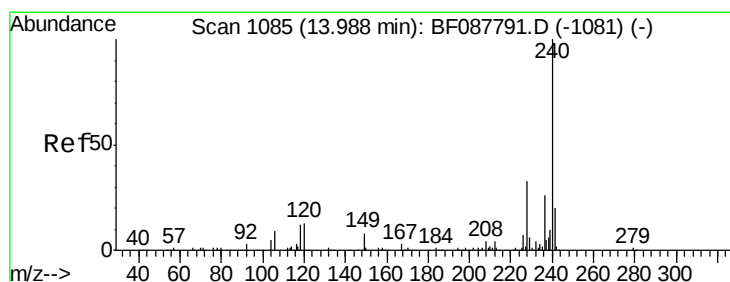
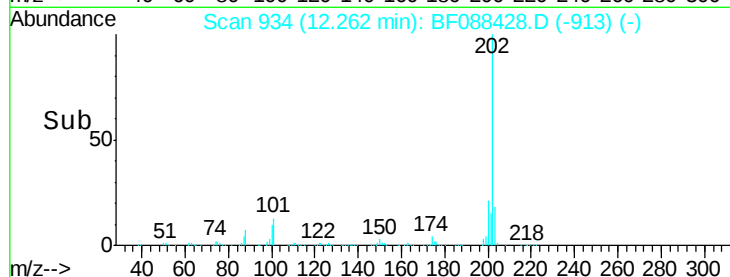
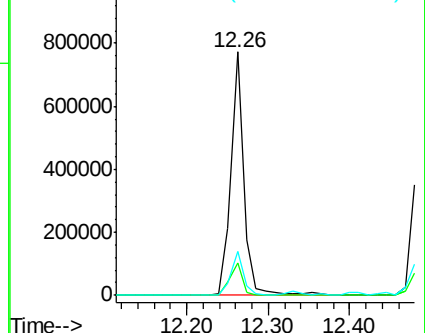
203 18.0 0.0 38.1



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: 13.68 min Scan# 1058

Delta R.T. -0.07 min

Lab File: BF088428.D

Acq: 26 Jun 2016 19:55

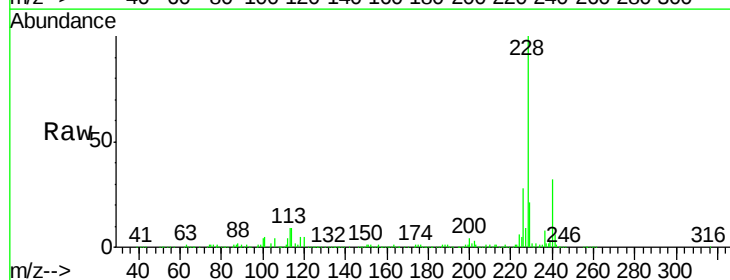
Tgt Ion:240 Resp: 152743

Ion Ratio Lower Upper

240 100

120 17.1 6.8 10.2#

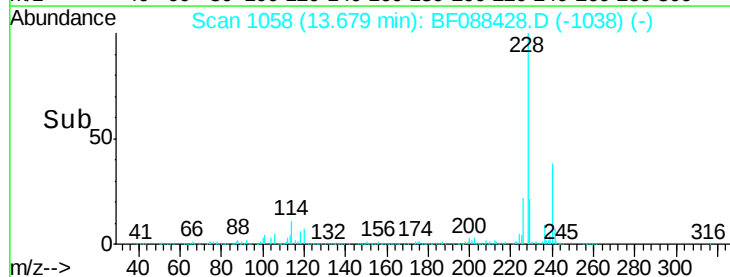
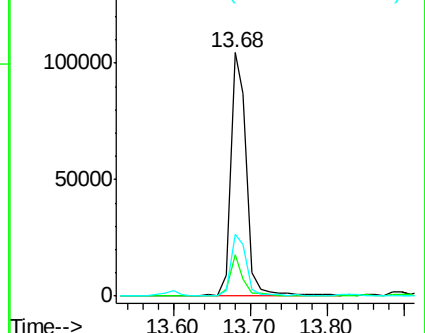
236 25.2 20.2 30.2

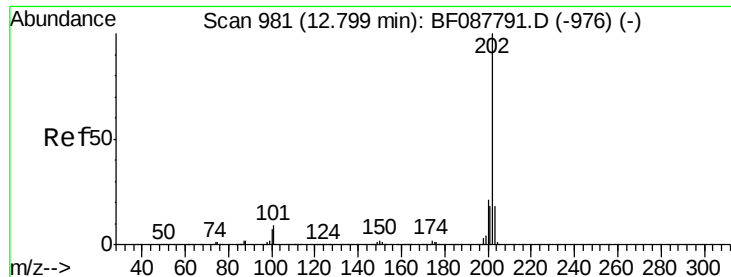


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 71.39 ng

RT: 12.49 min Scan# 954

Delta R.T. -0.06 min

Lab File: BF088428.D

Acq: 26 Jun 2016 19:55

Instrument :

BNA_G

ClientSampled :

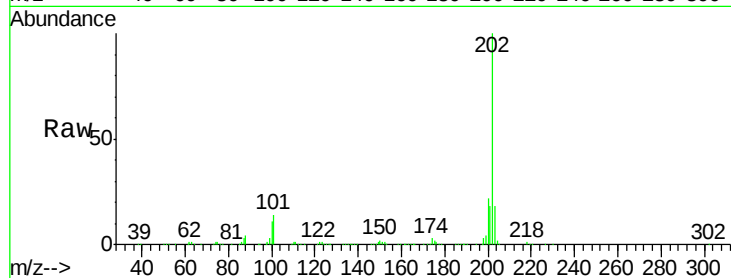
Tot Ion:202 Resp: 809182

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

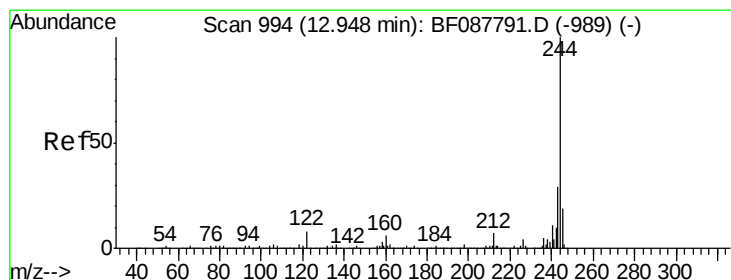
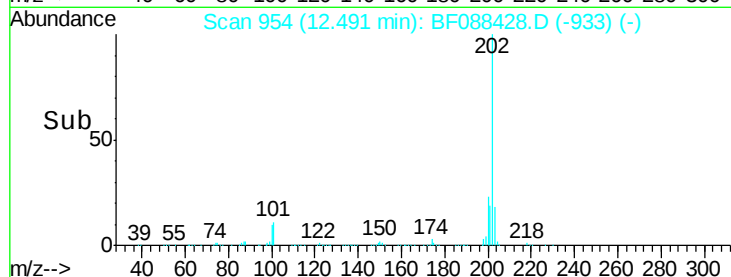
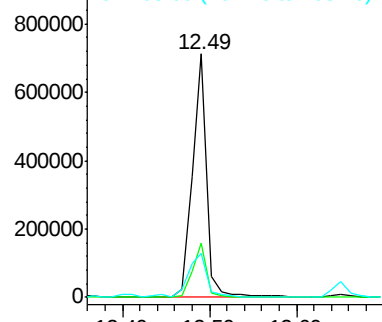
203 17.9 14.5 21.7



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: 27.77 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.07 min

Lab File: BF088428.D

Acq: 26 Jun 2016 19:55

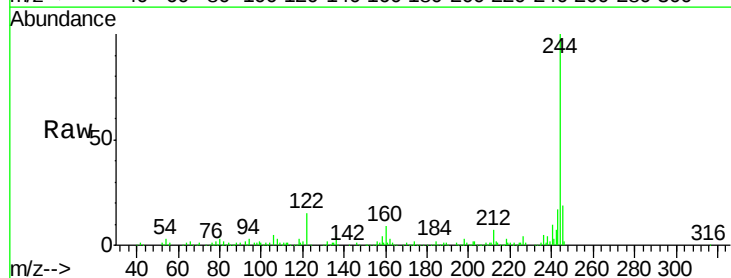
Tgt Ion:244 Resp: 186427

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

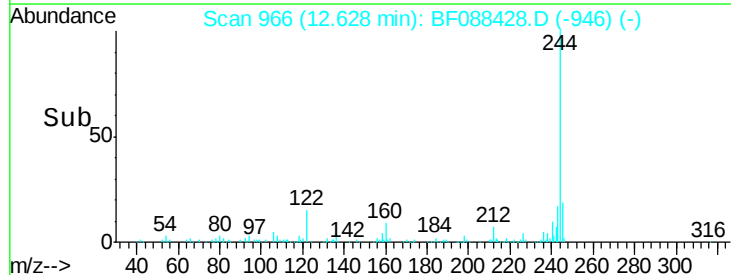
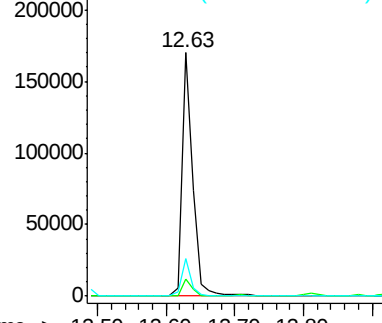
122 15.2 11.2 16.8

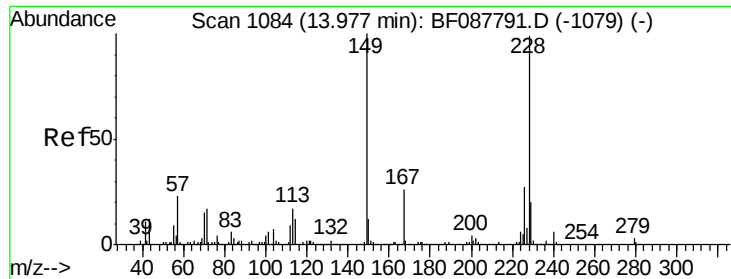


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 67.54 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.07 min

Lab File: BF088428.D

Acq: 26 Jun 2016 19:55

Instrument :

BNA_G

ClientSampleId :

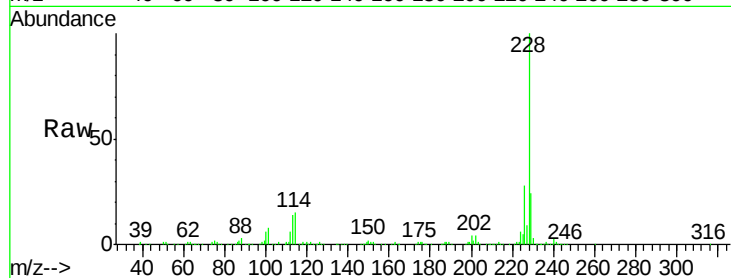
Tot Ion:228 Resp: 587857

Ion Ratio Lower Upper

228 100

226 28.0 22.3 33.5

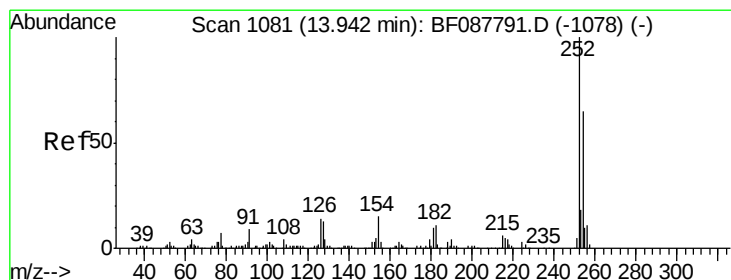
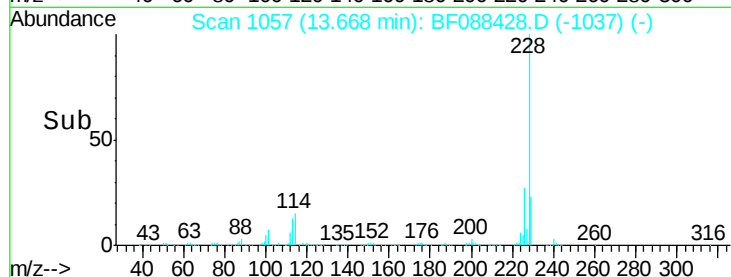
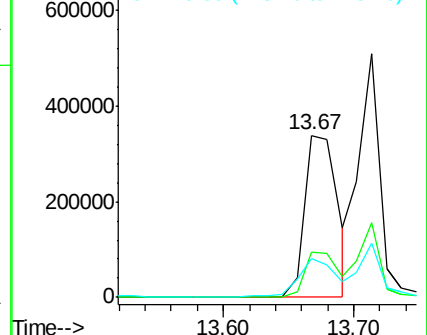
229 23.7 16.0 24.0



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



#81

3,3'-Dichlorobenzidine

Concen: 2.16 ng

RT: 13.71 min Scan# 1061

Delta R.T. 0.01 min

Lab File: BF088428.D

Acq: 26 Jun 2016 19:55

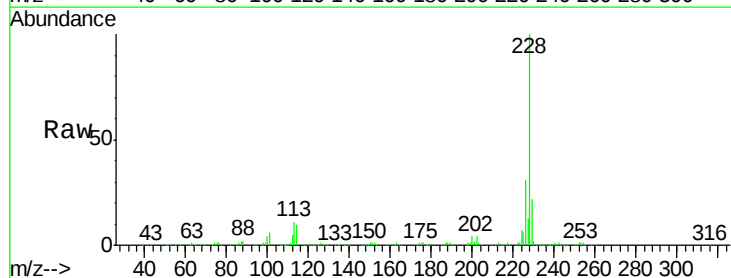
Tgt Ion:252 Resp: 5048

Ion Ratio Lower Upper

252 100

254 146.0 52.6 78.8#

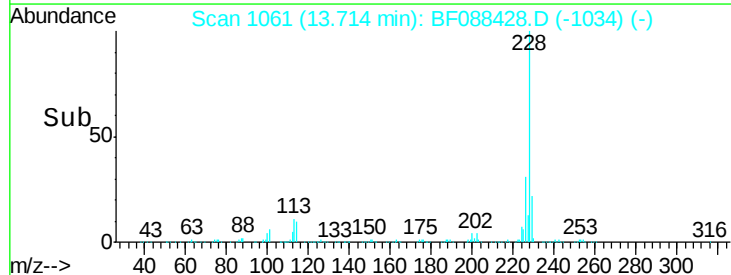
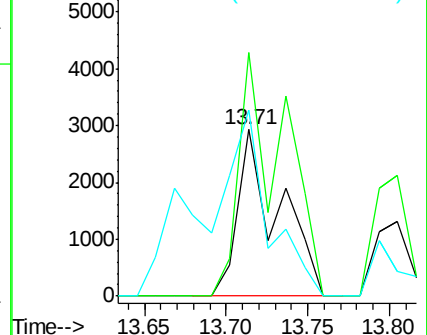
126 111.5 6.2 9.2#

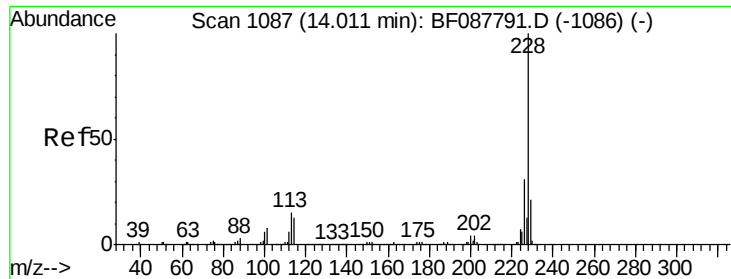


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 70.86 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.06 min

Lab File: BF088428.D

Acq: 26 Jun 2016 19:55

Instrument :

BNA_G

ClientSampleId :

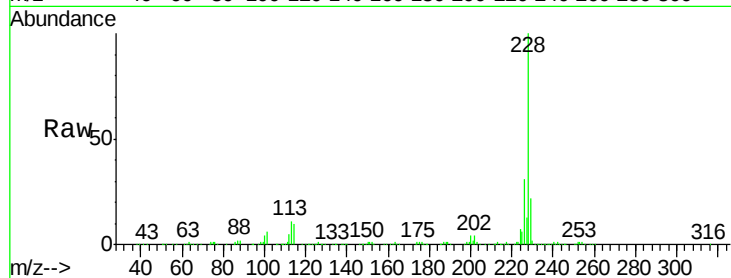
Tot Ion:228 Resp: 580258

Ion Ratio Lower Upper

228 100

226 30.8 25.4 38.2

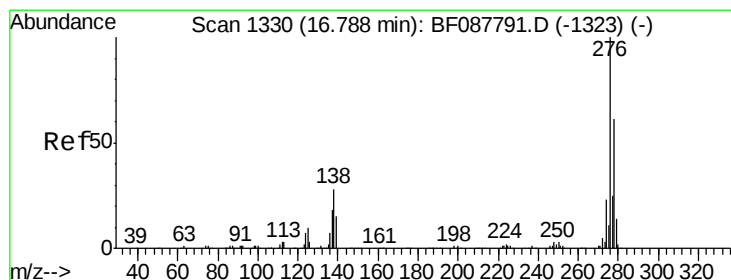
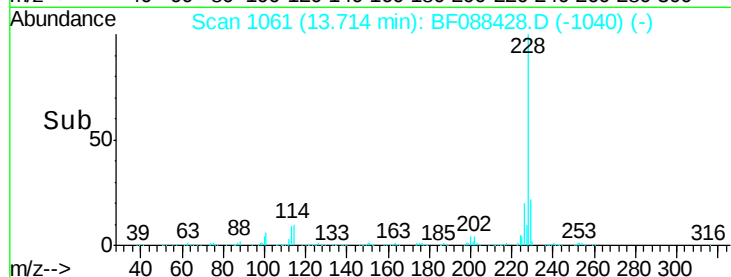
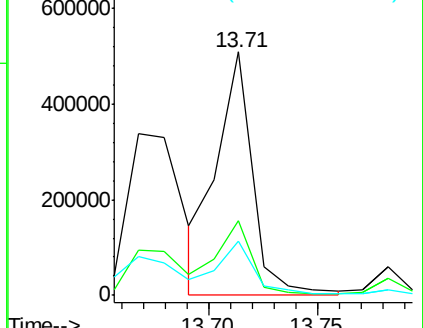
229 22.4 16.3 24.5



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: 39.26 ng

RT: 16.26 min Scan# 1284

Delta R.T. -0.10 min

Lab File: BF088428.D

Acq: 26 Jun 2016 19:55

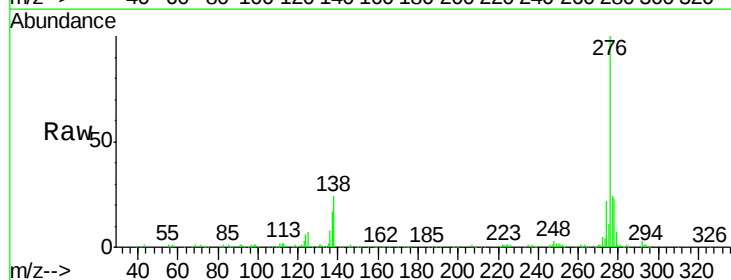
Tgt Ion:276 Resp: 298685

Ion Ratio Lower Upper

276 100

138 28.4 0.0 0.0#

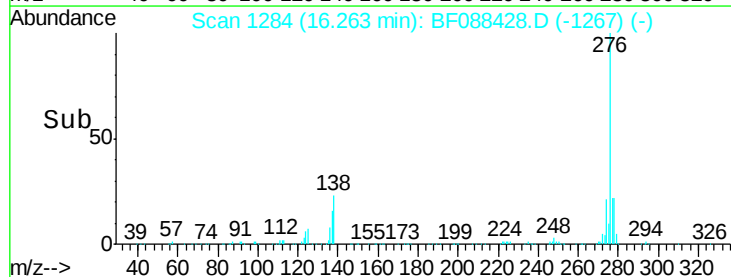
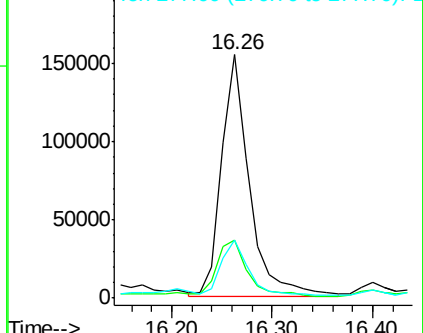
277 22.5 0.0 0.0#

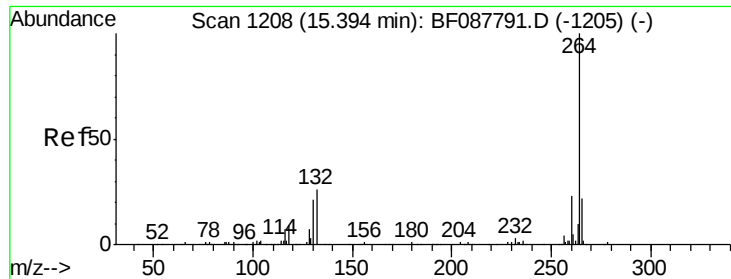


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

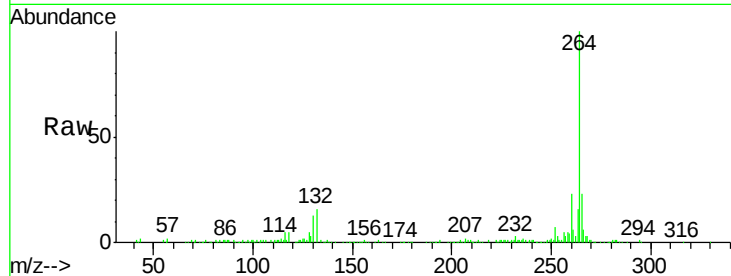




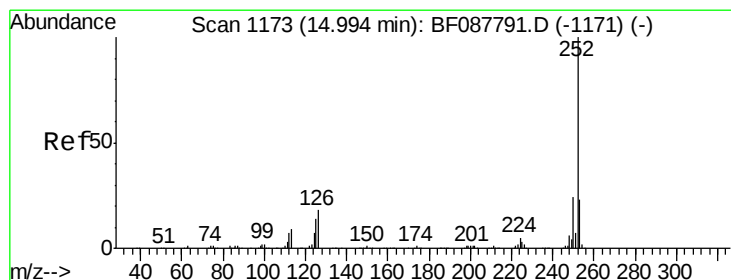
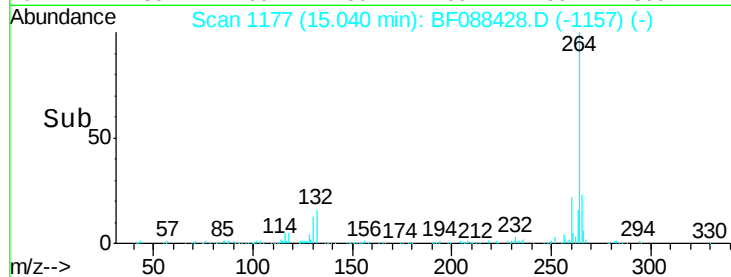
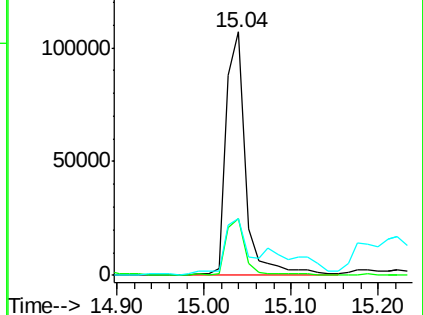
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.07 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 169328
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 23.4 16.9 25.3

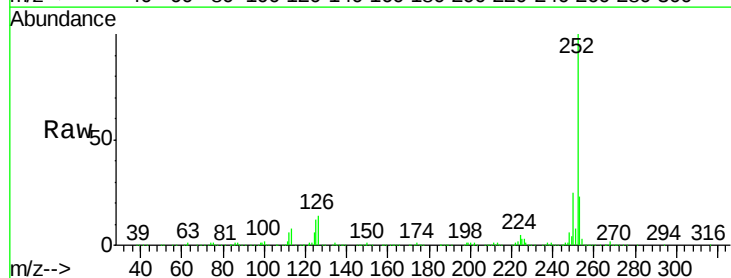


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

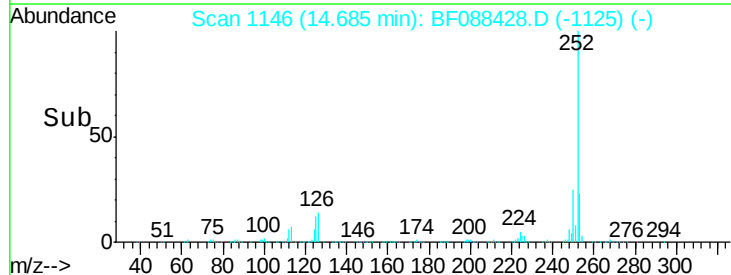
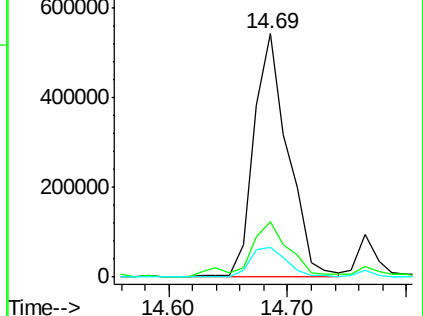


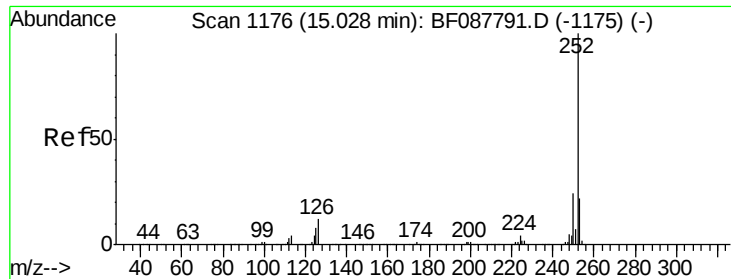
#87
Benzo(b)fluoranthene
Concen: 91.71 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.06 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion:252 Resp: 1082361
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 12.3 7.1 10.7#



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

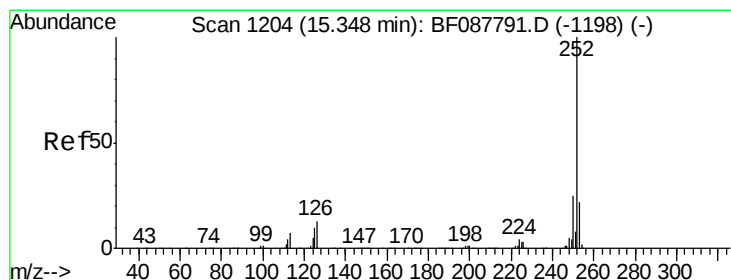
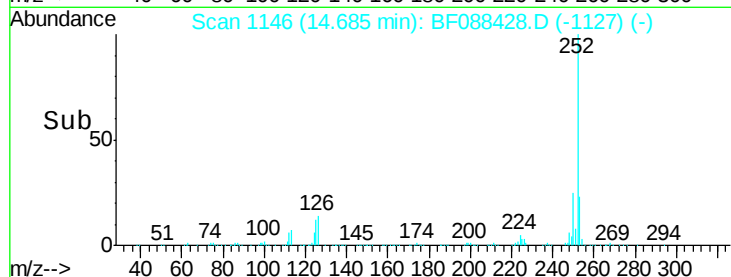
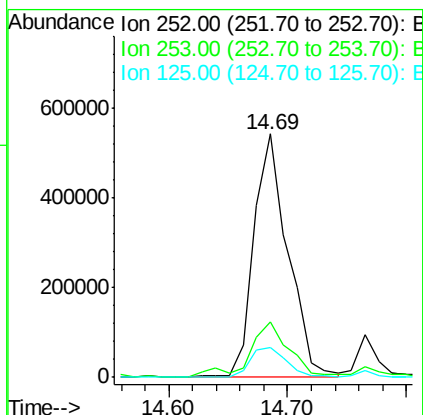
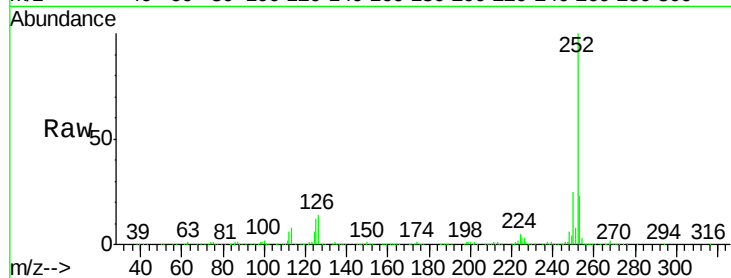




#88
Benzo(k)fluoranthene
Concen: 121.58 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.08 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

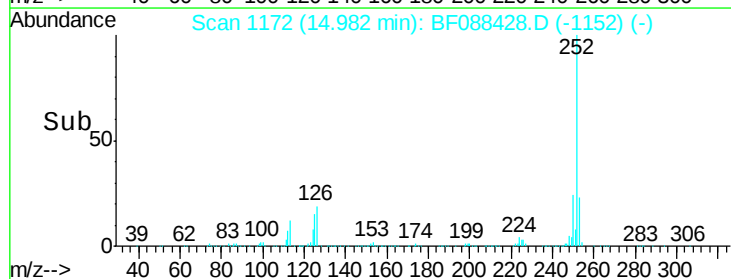
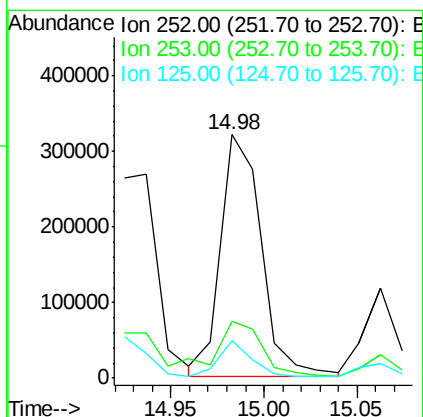
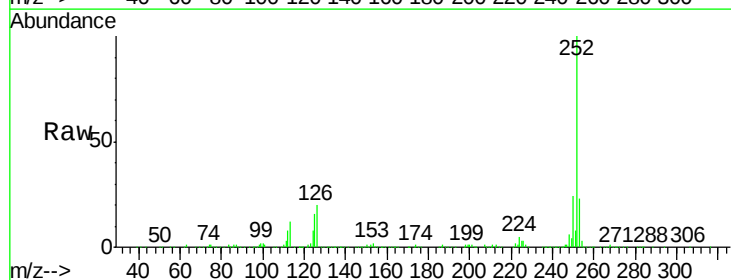
Instrument :
BNA_G
ClientSampleId :

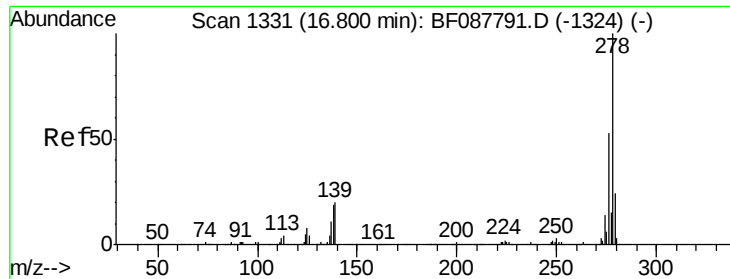
Tot Ion:252 Resp: 1082361
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 12.3 11.2 16.8



#89
Benzo(a)pyrene
Concen: 51.24 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.07 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion:252 Resp: 489245
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 15.6 12.5 18.7

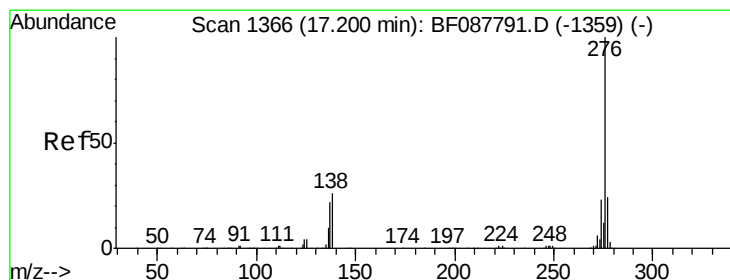
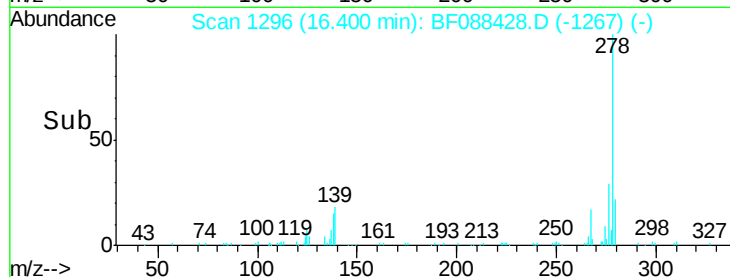
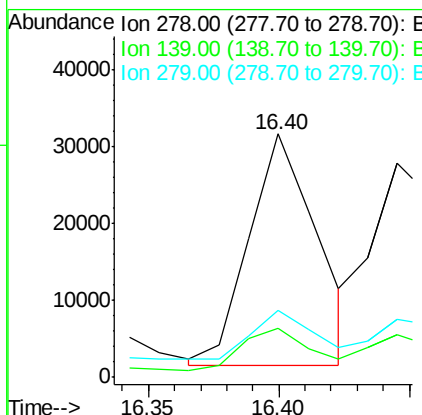
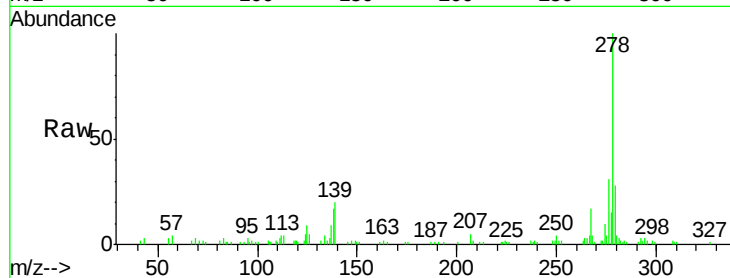




#90
Dibenzo(a,h)anthracene
Concen: 6.11 ng
RT: 16.40 min Scan# 1296
Delta R.T. 0.03 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 54228
Ion Ratio Lower Upper
278 100
139 20.2 15.7 23.5
279 27.6 19.4 29.2



#91
Benzo(g,h,i)perylene
Concen: 29.28 ng
RT: 16.63 min Scan# 1316
Delta R.T. -0.11 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion:276 Resp: 267076
Ion Ratio Lower Upper
276 100
277 25.7 18.9 28.3
138 26.2 21.4 32.2

