

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_F
 ClientSampleId :
 SUBSURFACEDUP

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

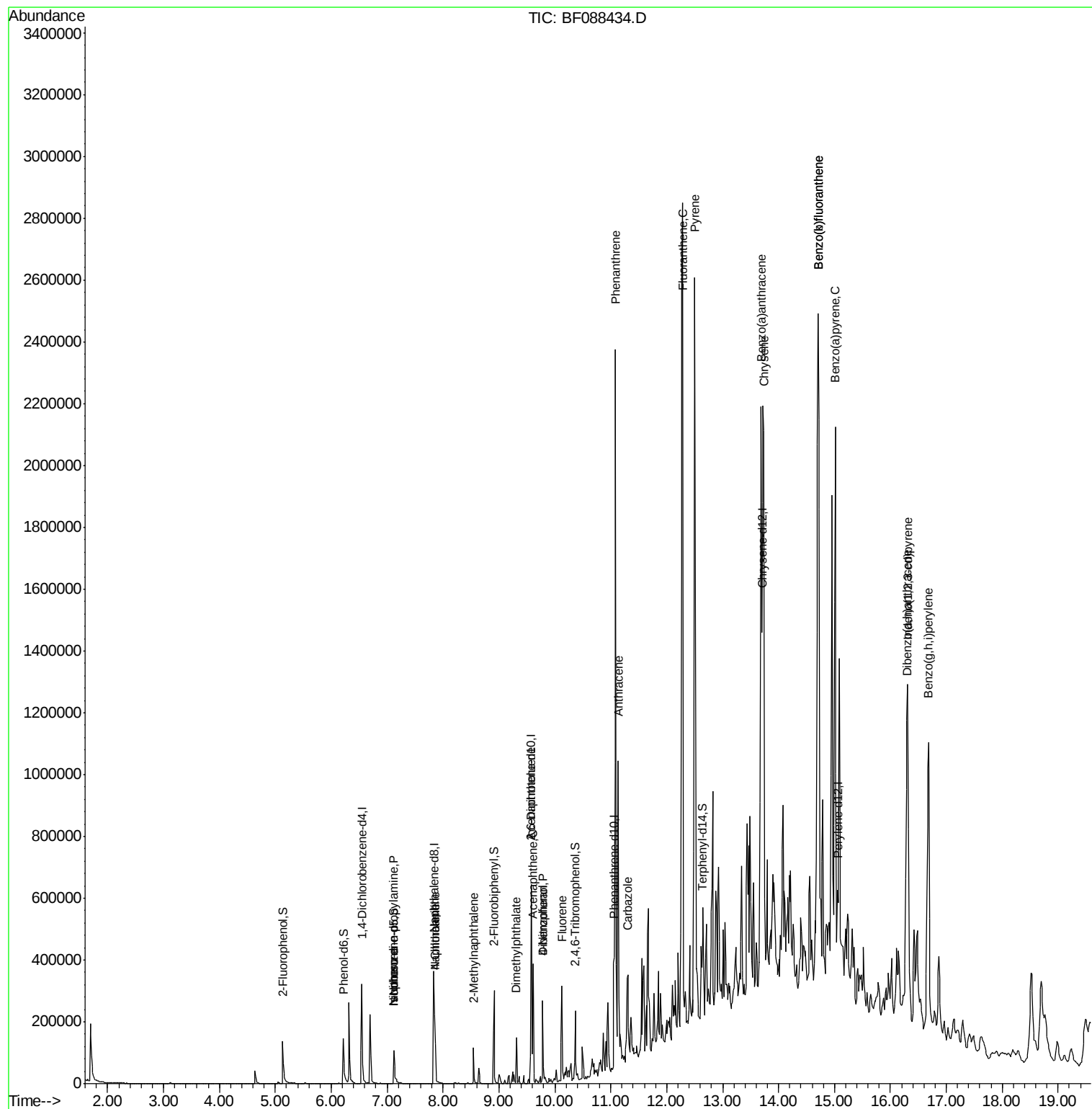
Target Compounds				Qvalue		
10) Phenol	6.24	94	614	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.12	70	7686	2.41	ng	69
25) Isophorone	7.12	82	66887	7.51	ng	65
31) Naphthalene	7.85	128	134266	9.67	ng	98
33) 4-Chloroaniline	7.85	127	16204	2.61	ng	31
37) 2-Methylnaphthalene	8.55	142	36644	4.00	ng	98
45) 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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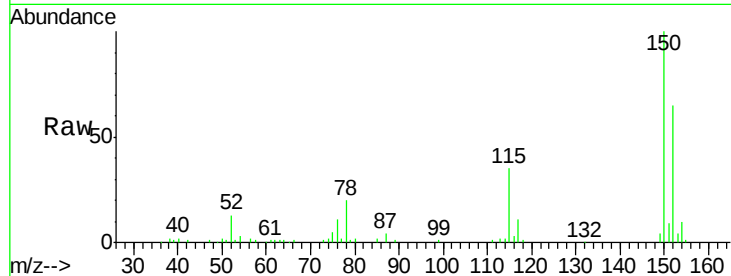


#1

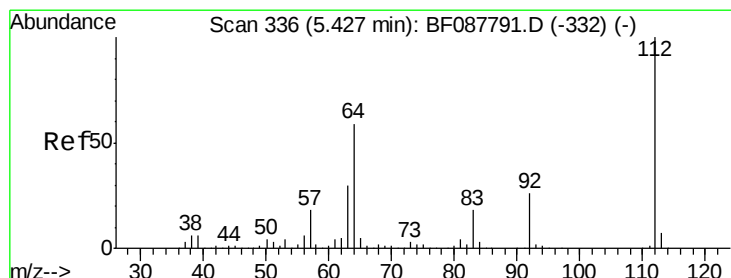
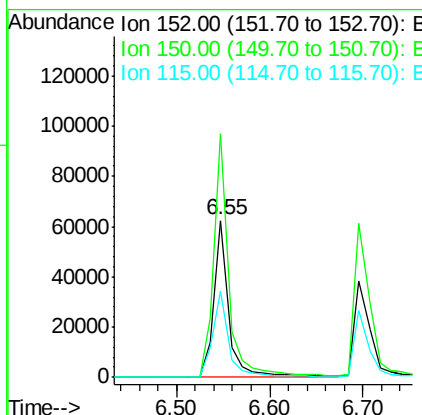
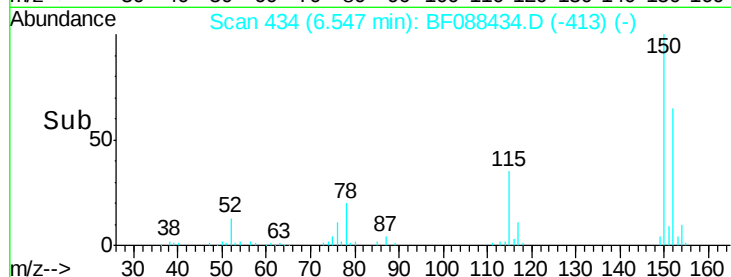
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

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



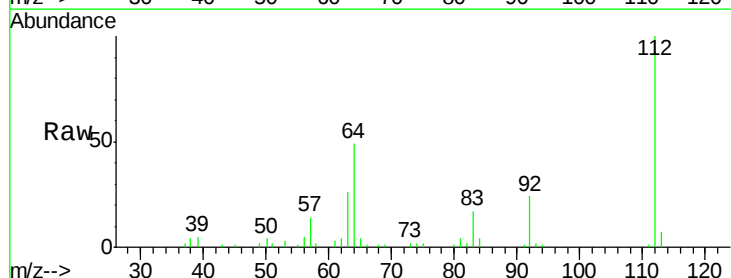
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



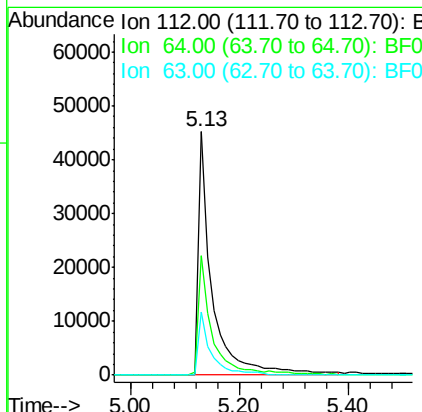
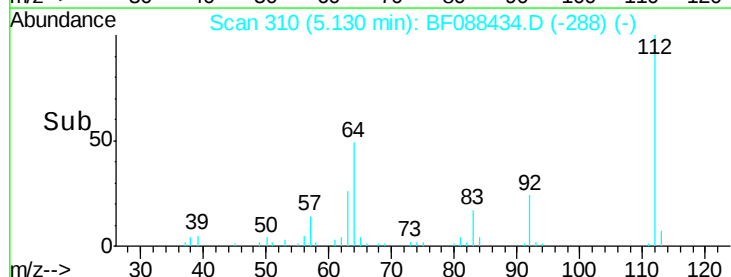
#5

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_F

ClientSampleId :

SUBSURFACEDUP

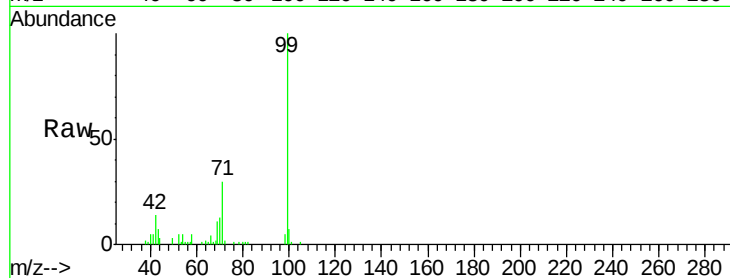
Tot Ion: 99 Resp: 99784

Ion Ratio Lower Upper

99 100

42 13.6 12.2 18.2

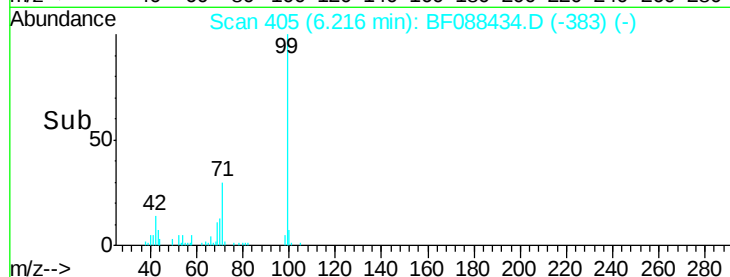
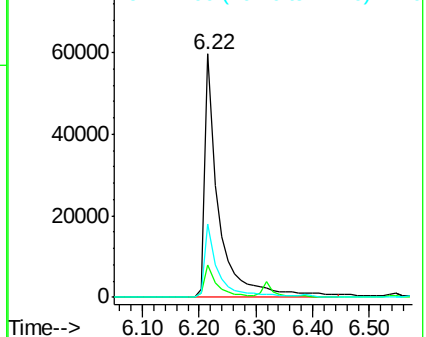
71 30.3 23.4 35.0



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

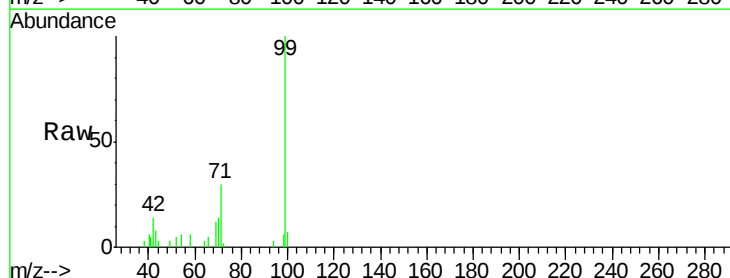
Tgt Ion: 94 Resp: 614

Ion Ratio Lower Upper

94 100

65 0.0 5.9 45.9#

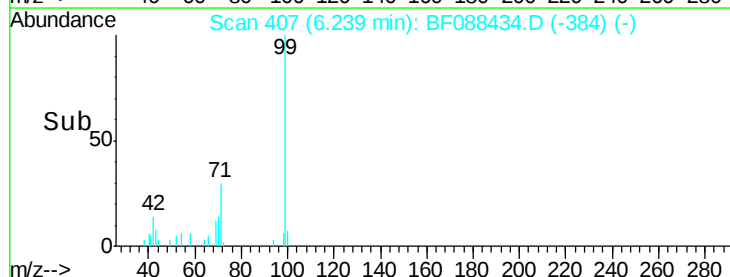
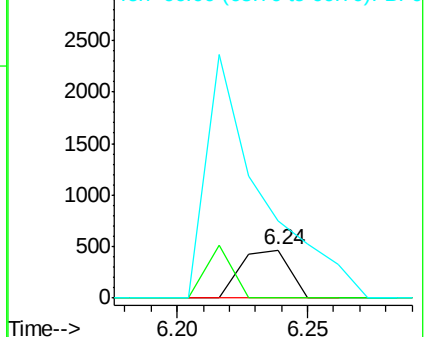
66 160.9 14.0 54.0#



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

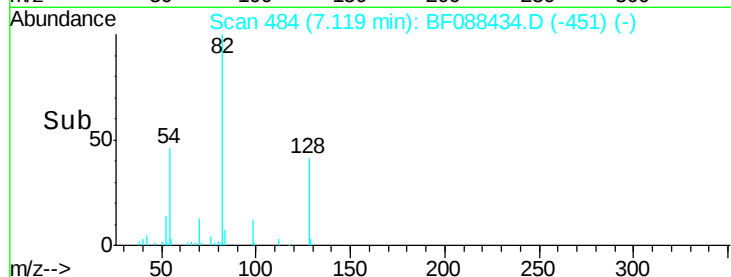
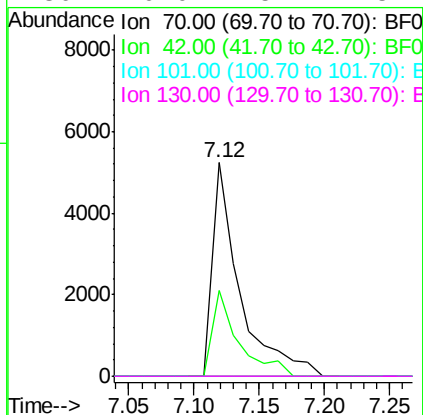
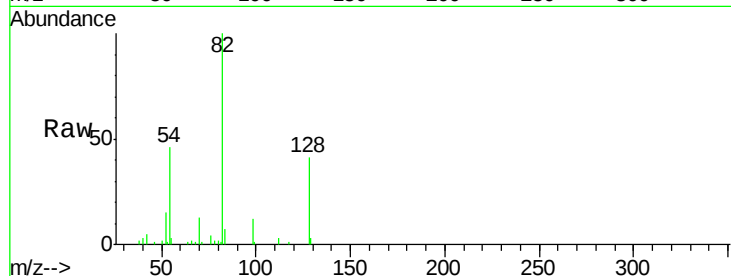




#19
n-Nitroso-di-n-propylamine
Concen: 2.41 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.08 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

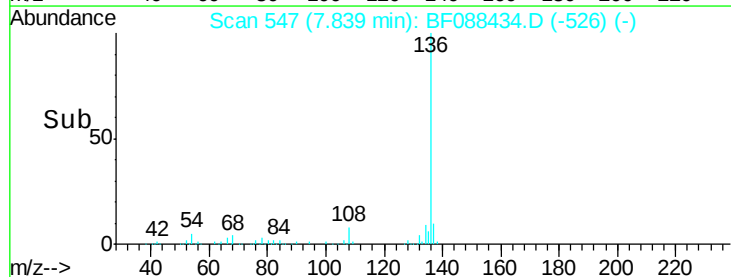
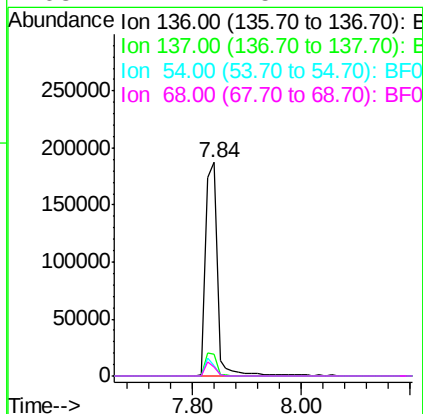
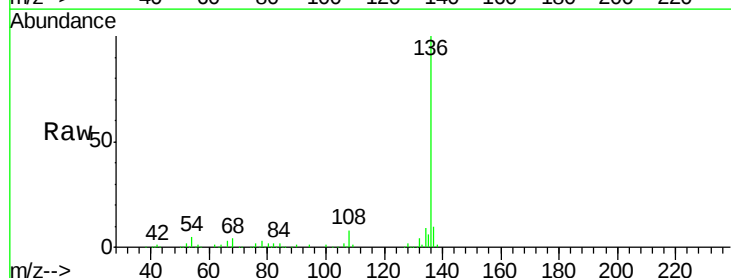
Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

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#



#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#

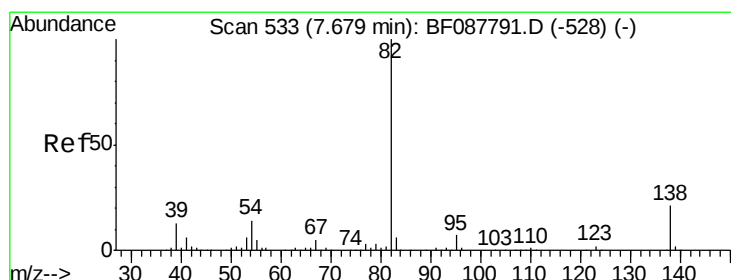
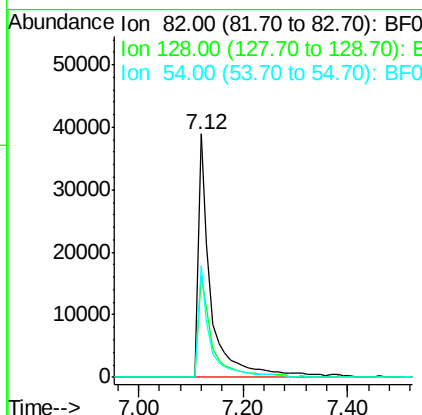
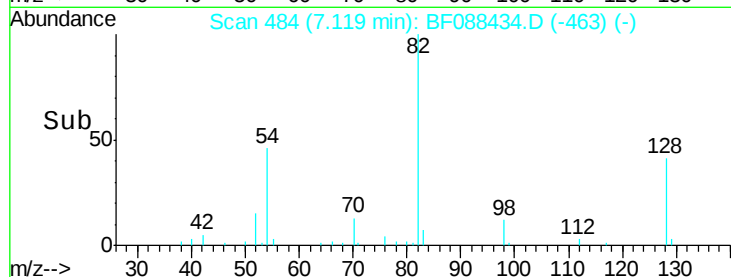
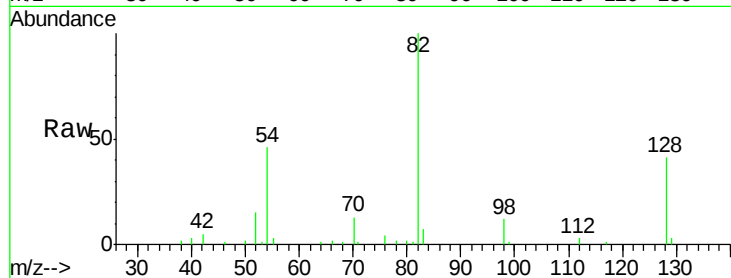




#23
Nitrobenzene-d5
Concen: 13.82 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.06 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

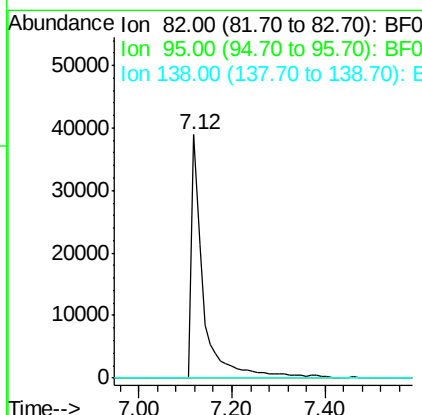
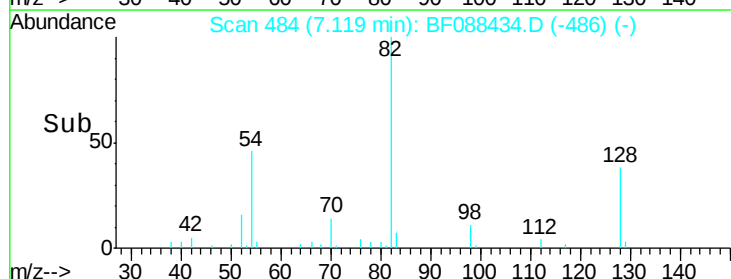
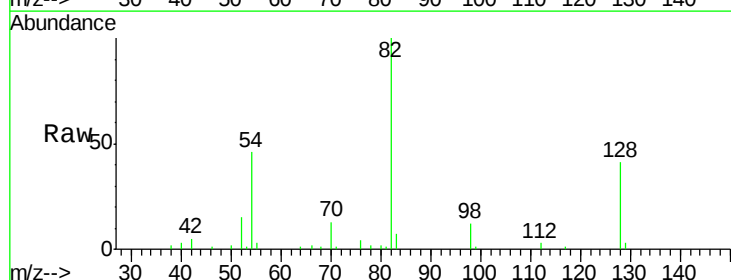
Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

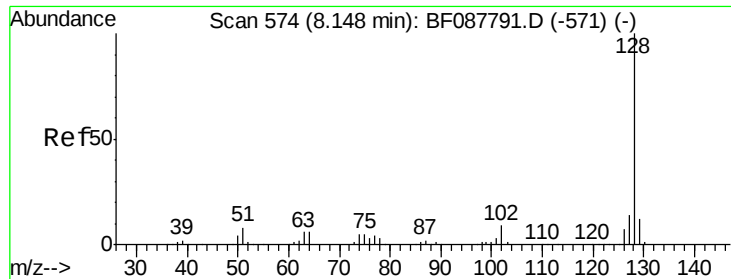
Tot Ion: 82 Resp: 66422
Ion Ratio Lower Upper
82 100
128 41.5 35.9 53.9
54 45.8 40.9 61.3



#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#

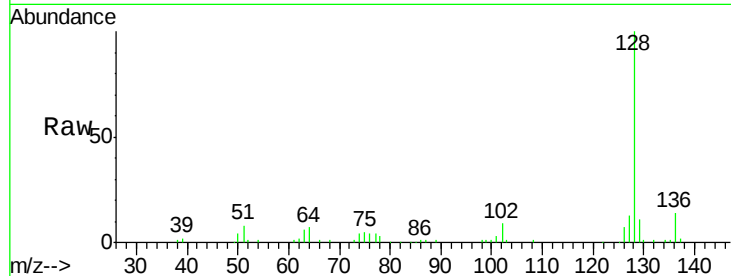




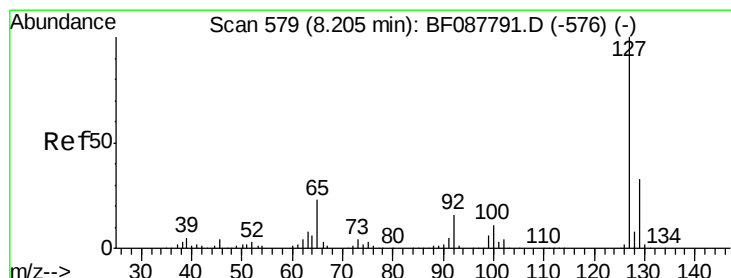
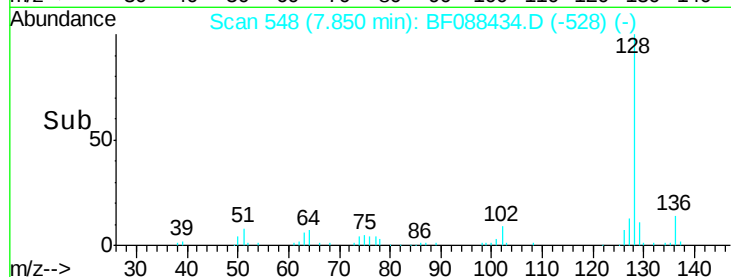
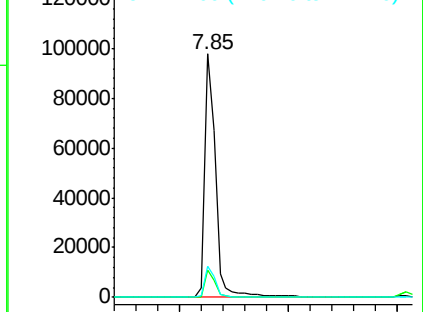
#31
Naphthalene
Concen: 9.67 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.07 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

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

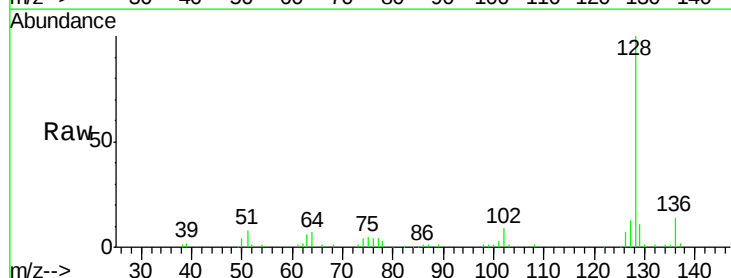


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

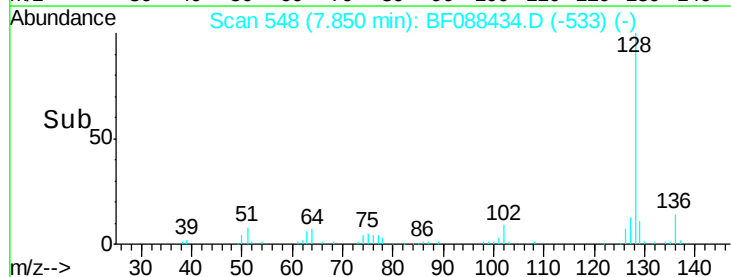
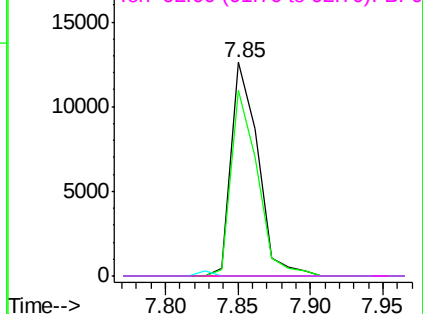


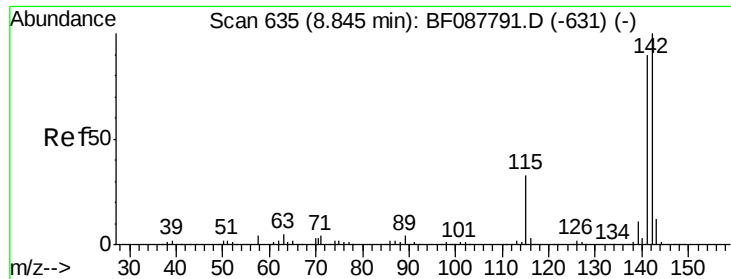
#33
4-Chloroaniline
Concen: 2.61 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.13 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

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

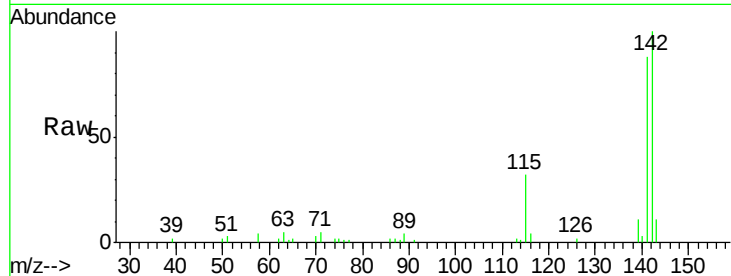




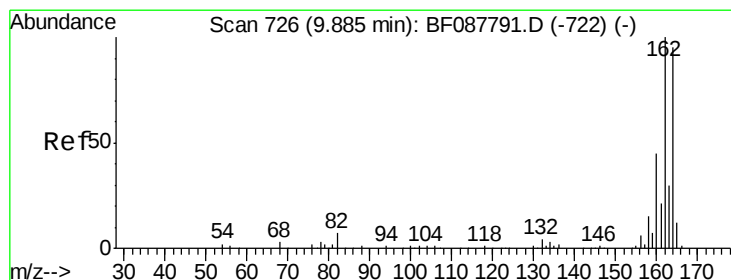
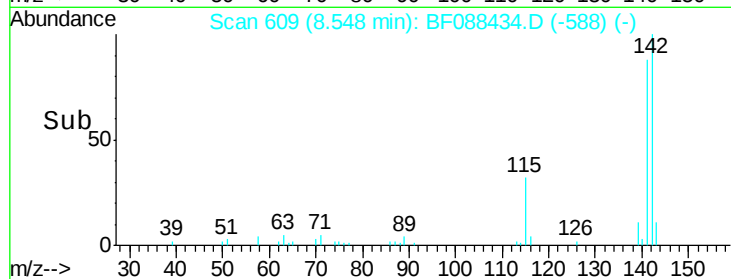
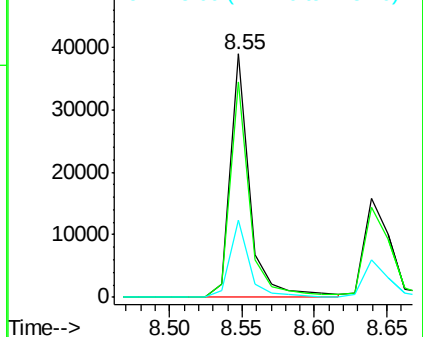
#37
2-Methylnaphthalene
Concen: 4.00 ng
RT: 8.55 min Scan# 609
Delta R.T. -0.06 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

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

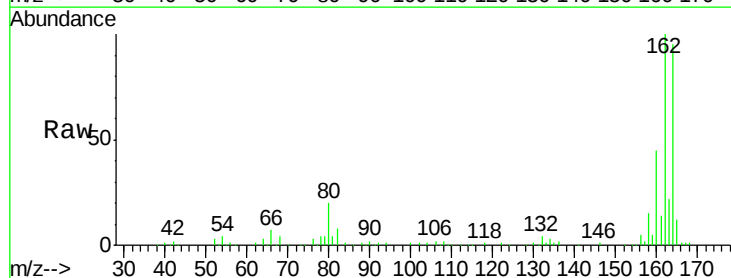


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

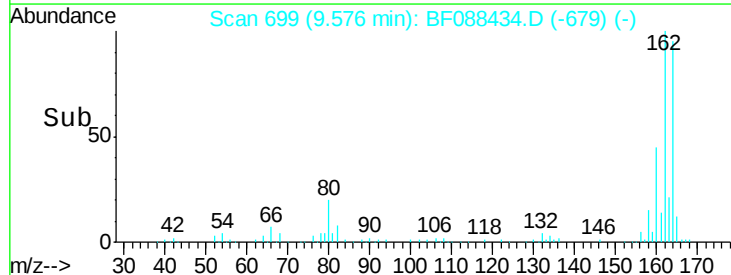
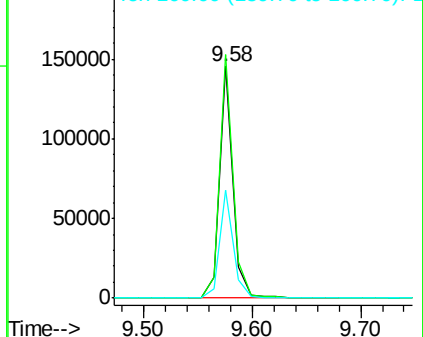


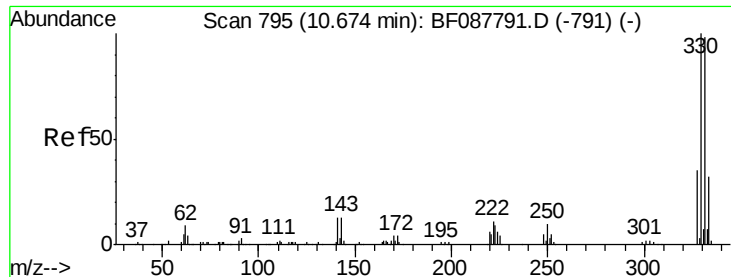
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.07 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

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



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

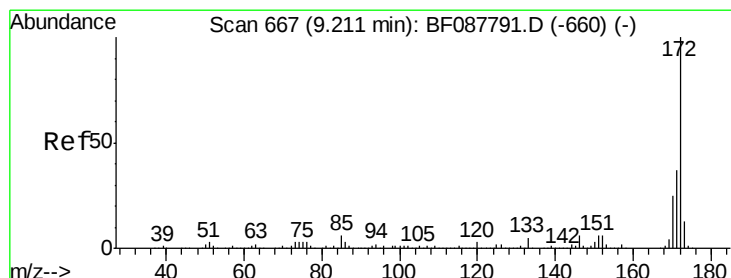
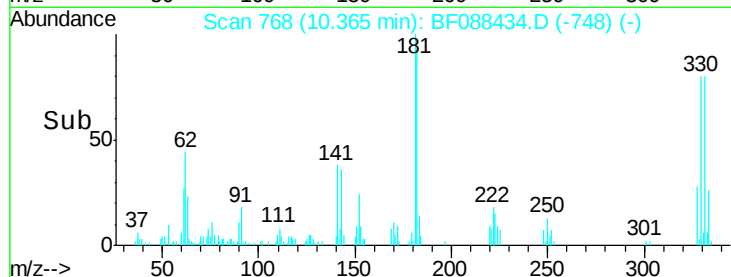
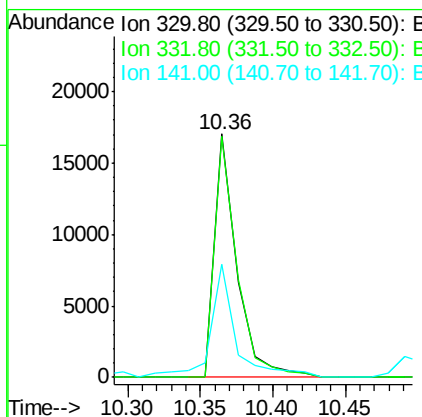
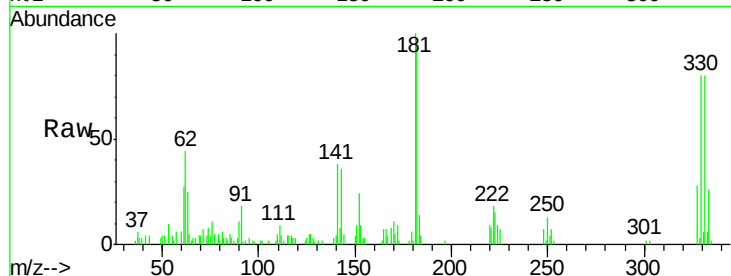




#41
 2,4,6-Tribromophenol
 Concen: 13.82 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.07 min
 Lab File: BF088434.D
 Acq: 26 Jun 2016 22:49

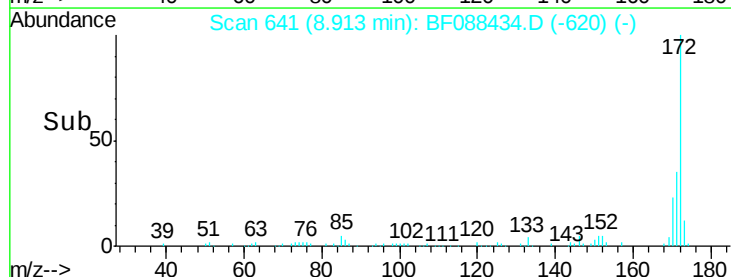
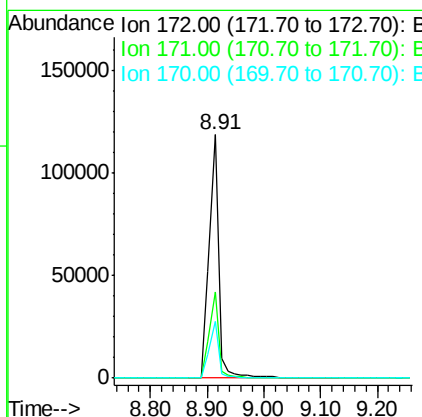
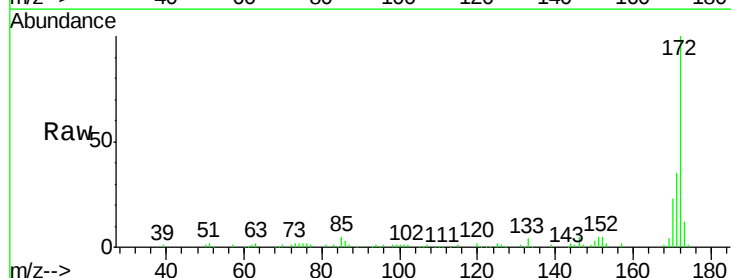
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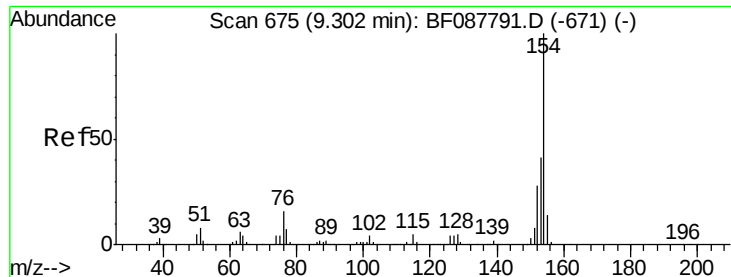
Tot Ion:330 Resp: 18273
 Ion Ratio Lower Upper
 330 100
 332 99.5 0.0 0.0#
 141 52.5 0.0 0.0#



#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_F

ClientSampleId :

SUBSURFACEDUP

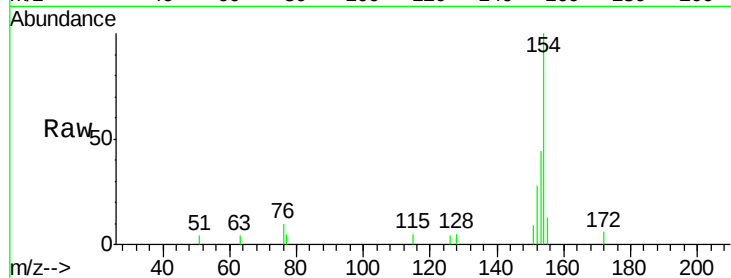
Tot Ion:154 Resp: 14745

Ion Ratio Lower Upper

154 100

153 44.0 20.6 60.6

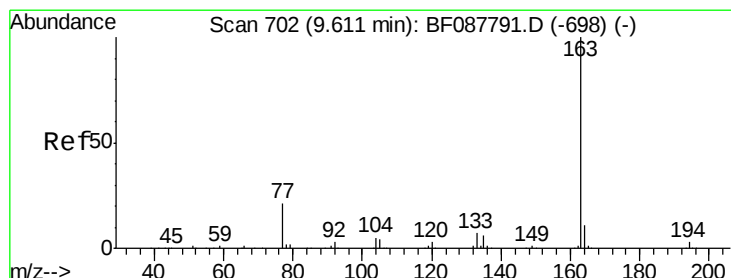
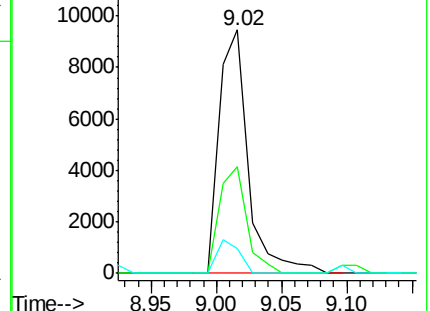
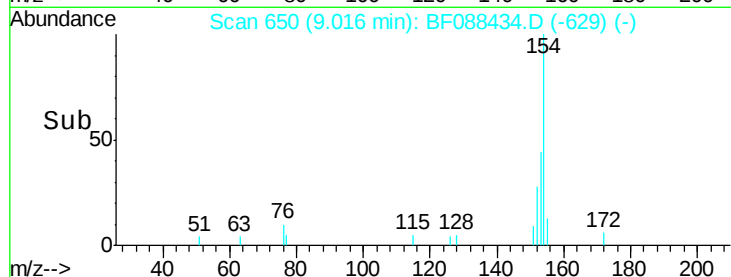
76 10.3 0.0 35.1



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

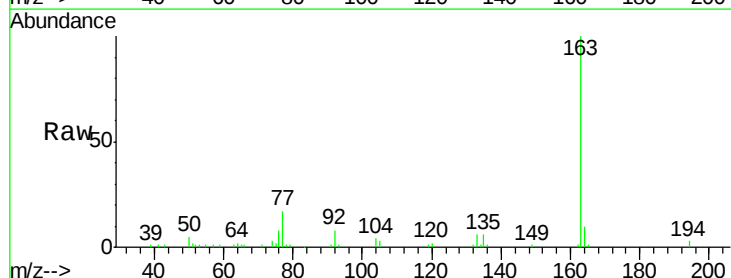
Tgt Ion:163 Resp: 61517

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

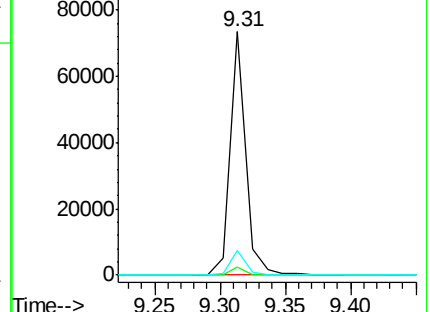
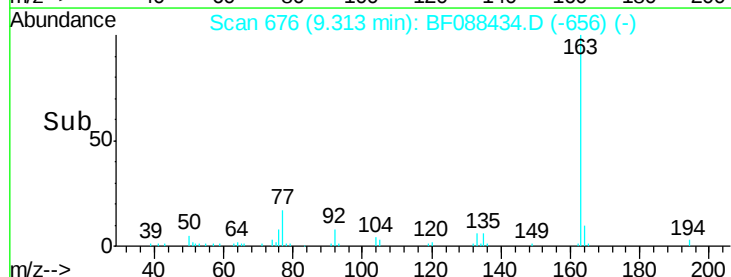
164 10.0 8.3 12.5

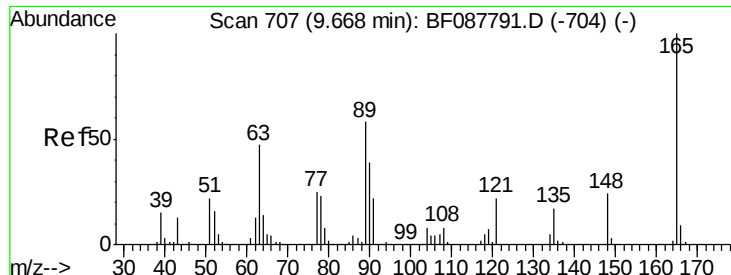


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

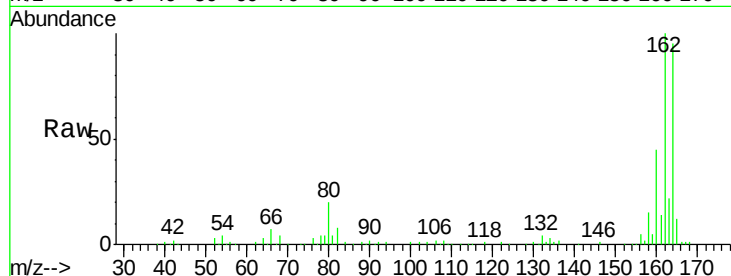




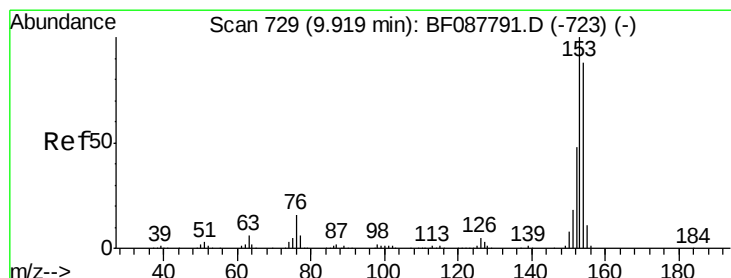
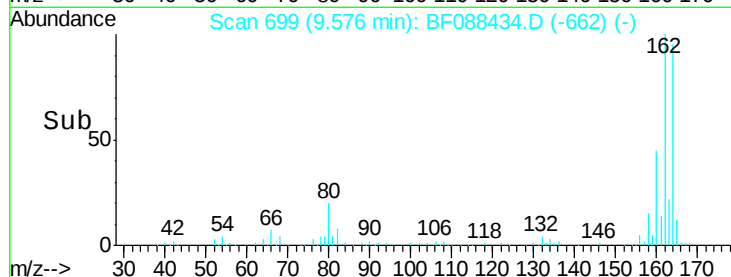
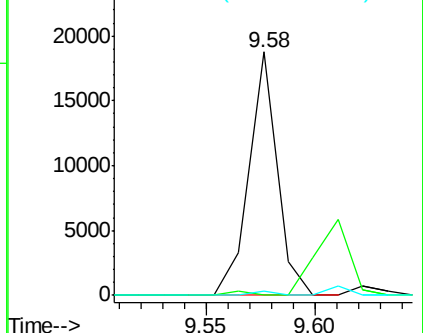
#50
2,6-Dinitrotoluene
Concen: 8.14 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.13 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

Tot Ion:165 Resp: 16903
Ion Ratio Lower Upper
165 100
63 0.0 28.1 42.1#
89 1.9 32.2 48.2#

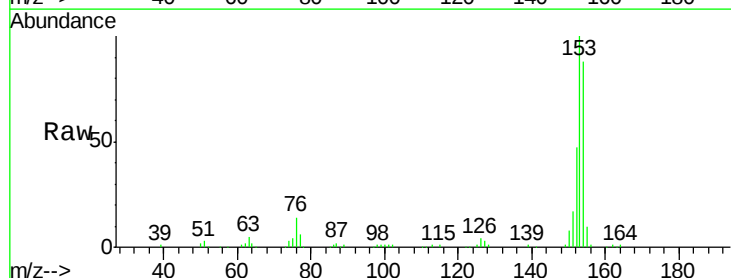


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

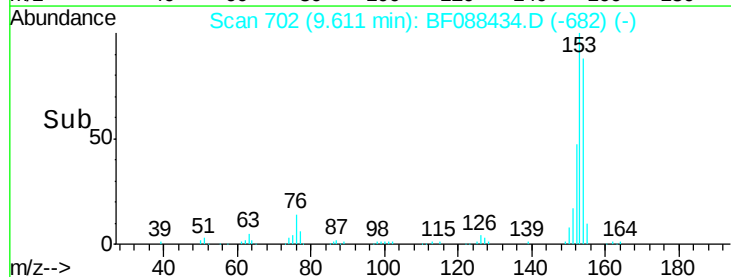
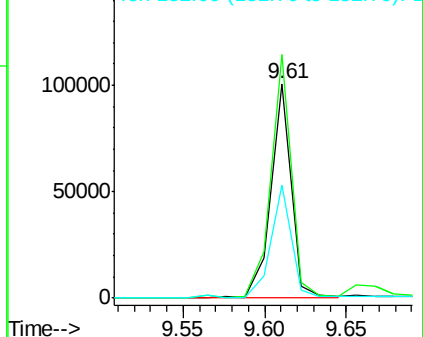


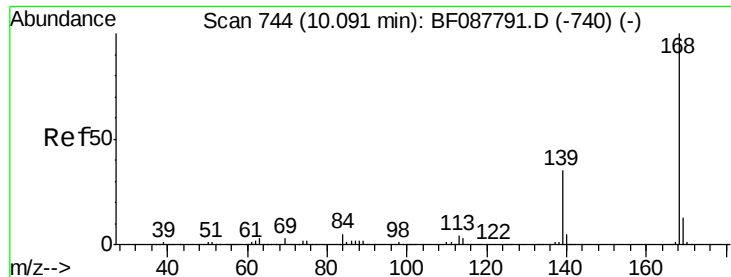
#51
Acenaphthene
Concen: 10.97 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.07 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion:154 Resp: 88173
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

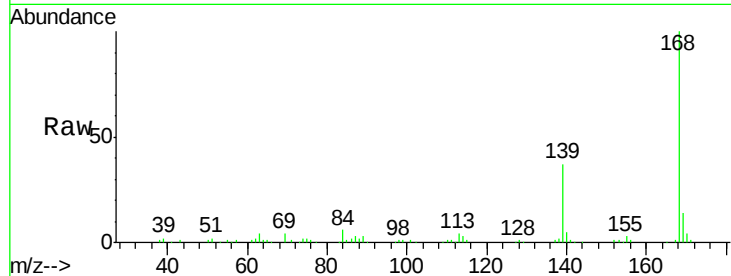




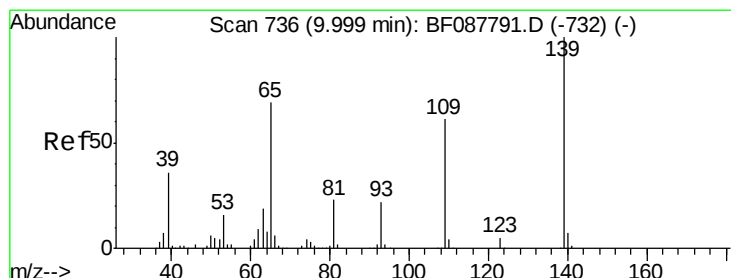
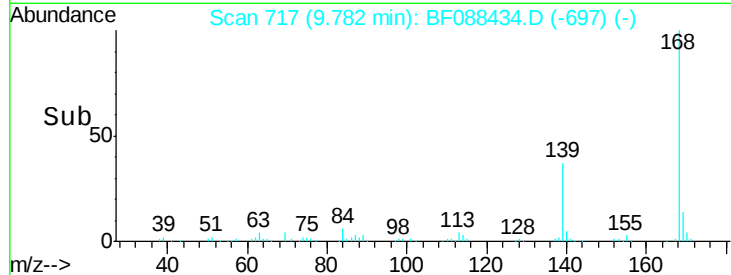
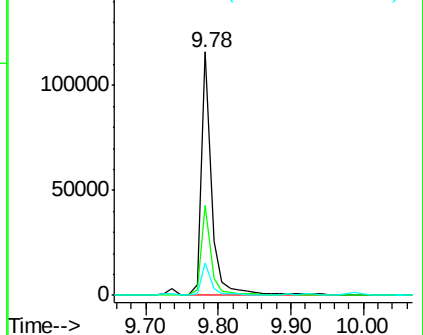
#54
Dibenzofuran
Concen: 10.45 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.07 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

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

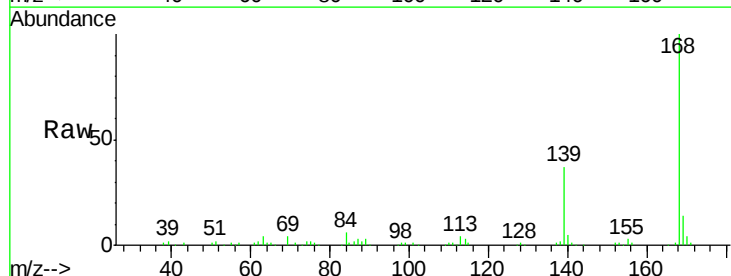


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

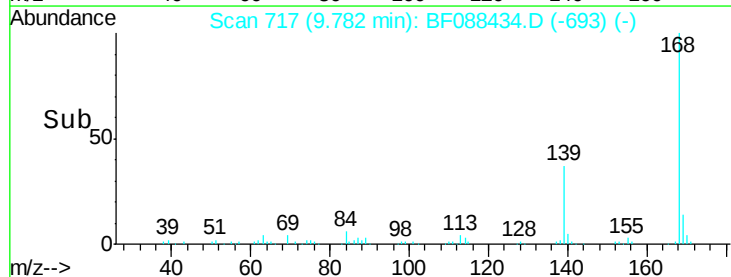
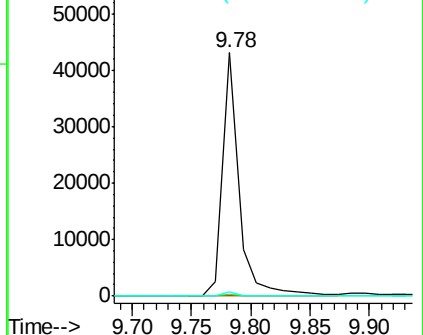


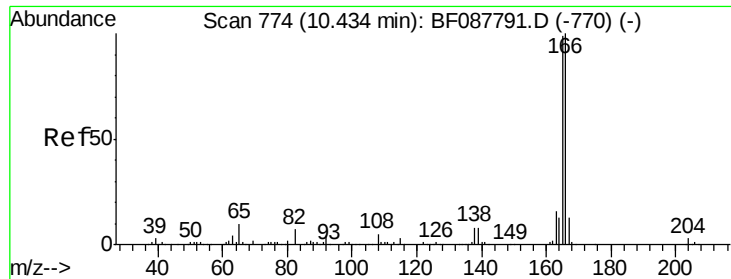
#55
4-Nitrophenol
Concen: 22.30 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

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

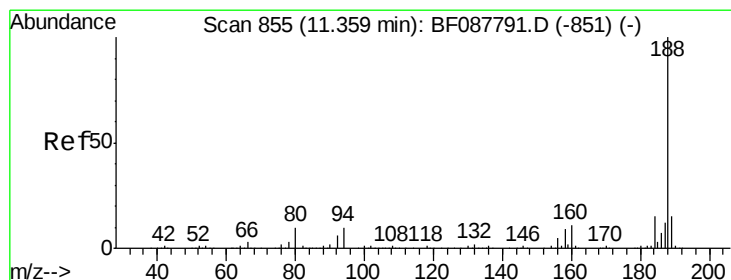
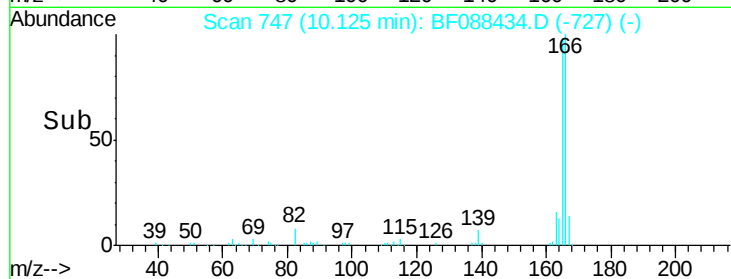
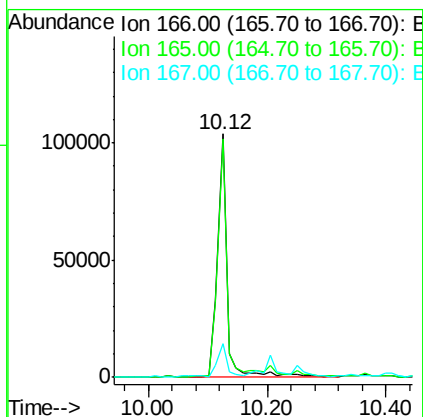
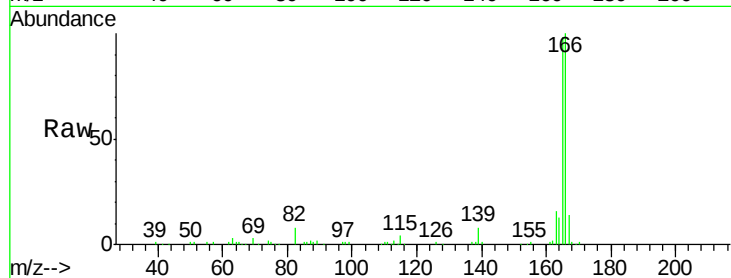




#57
 Fluorene
 Concen: 12.00 ng
 RT: 10.12 min Scan# 747
 Delta R.T. -0.07 min
 Lab File: BF088434.D
 Acq: 26 Jun 2016 22:49

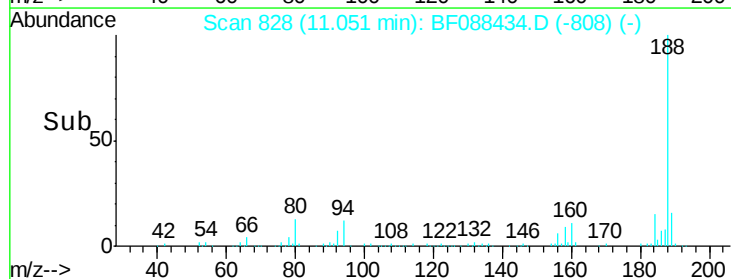
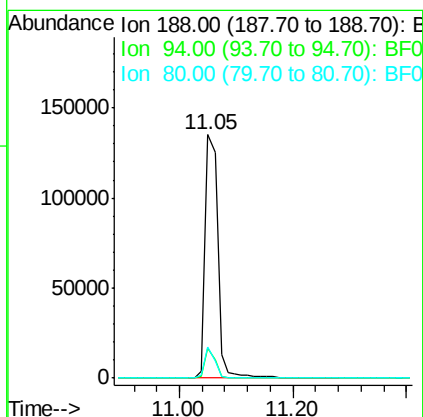
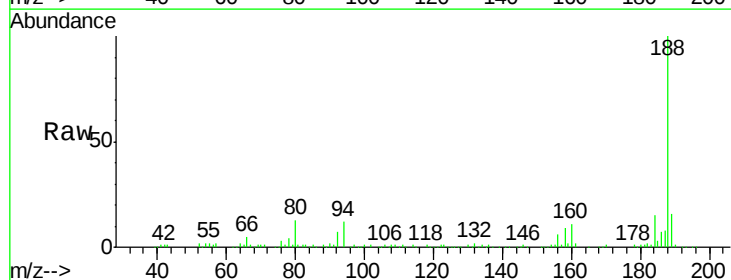
Instrument :
 BNA_F
 ClientSampleId :
 SUBSURFACEDUP

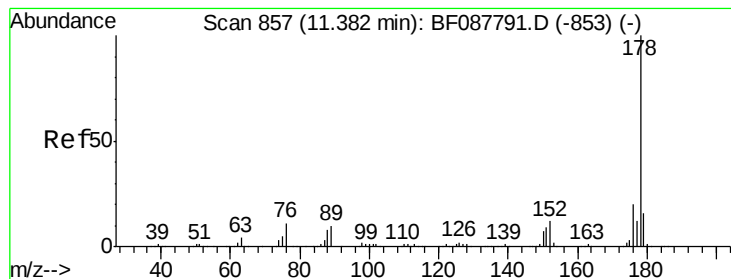
Tot Ion:166 Resp: 116286
 Ion Ratio Lower Upper
 166 100
 165 98.1 77.8 116.8
 167 13.8 11.2 16.8



#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





#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_F

ClientSampleId :

SUBSURFACEDUP

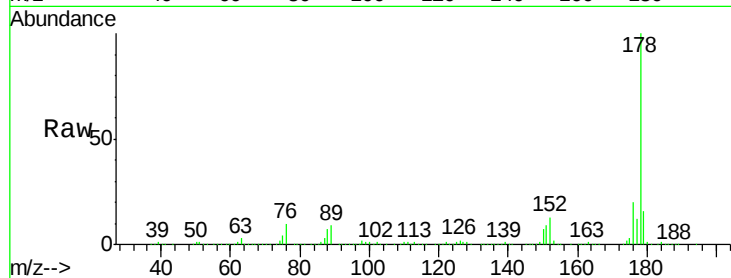
Tot Ion:178 Resp: 1042359

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.6

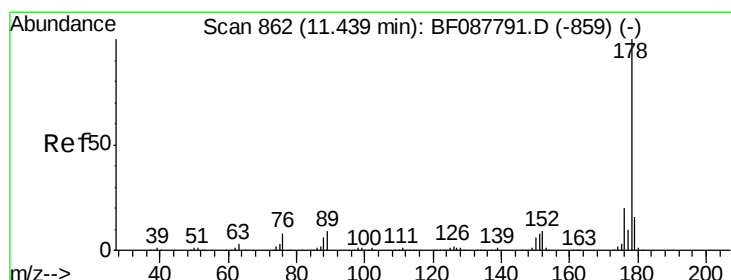
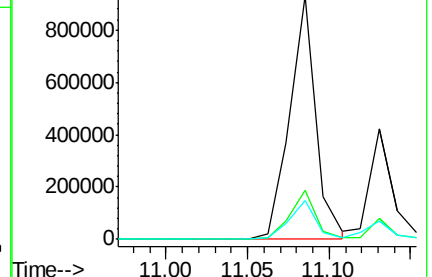
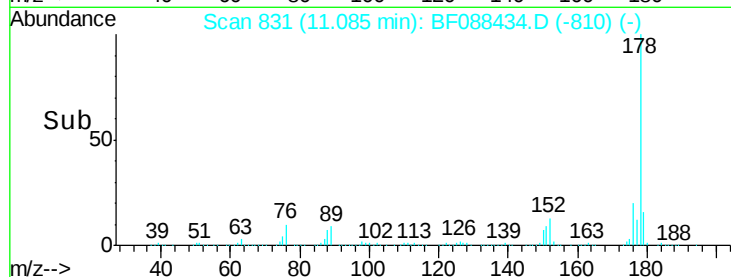
179 15.9 13.0 19.4



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

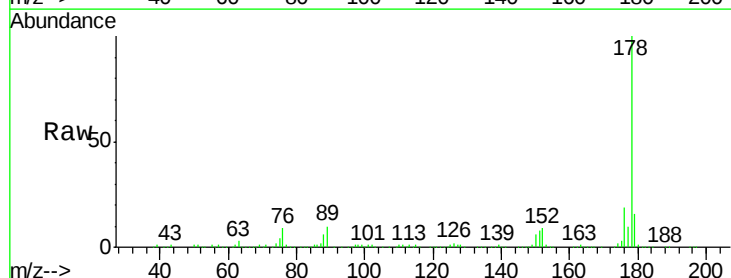
Tgt Ion:178 Resp: 440511

Ion Ratio Lower Upper

178 100

176 18.6 15.6 23.4

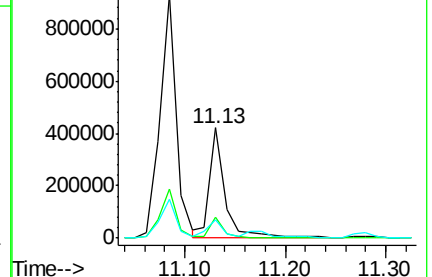
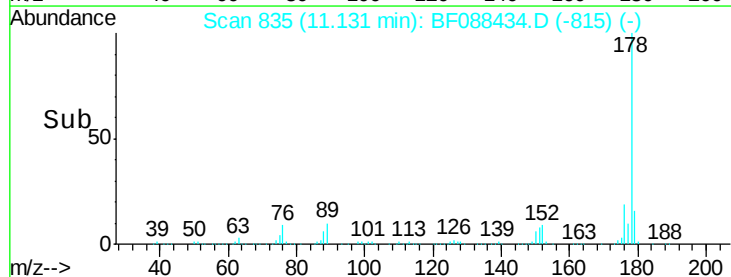
179 16.1 12.8 19.2

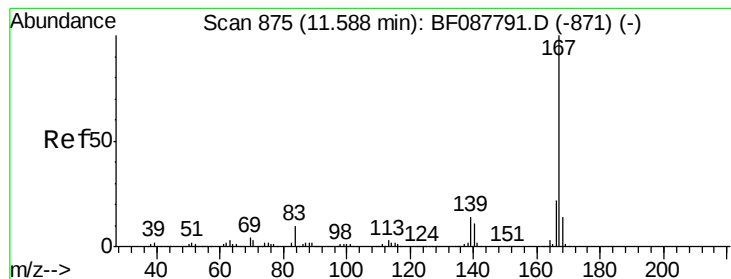


Abundance Ion 178.00 (177.70 to 178.70): E

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_F

ClientSampleId :

SUBSURFACEDUP

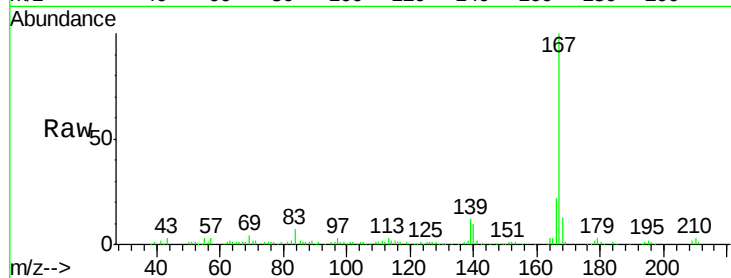
Tot Ion:167 Resp: 211423

Ion Ratio Lower Upper

167 100

166 21.6 17.8 26.6

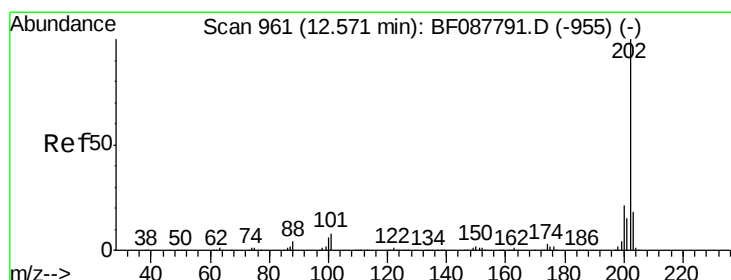
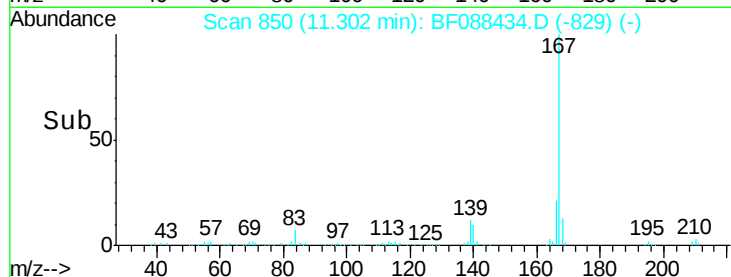
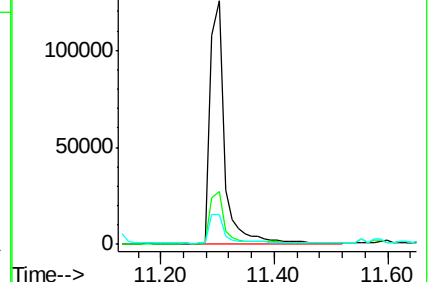
139 12.5 11.2 16.8



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

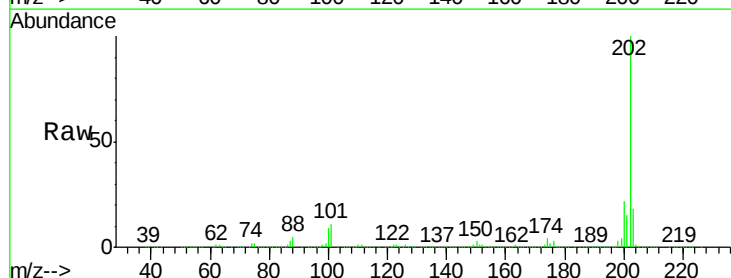
Tgt Ion:202 Resp: 2136737

Ion Ratio Lower Upper

202 100

101 11.4 0.0 33.1

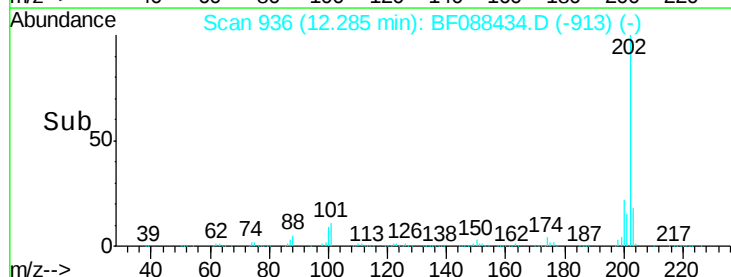
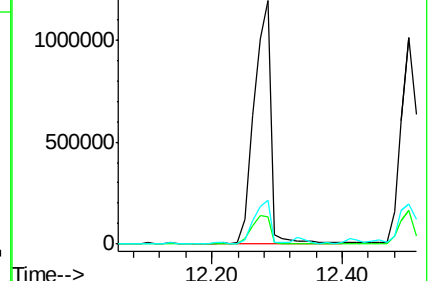
203 17.9 0.0 38.1

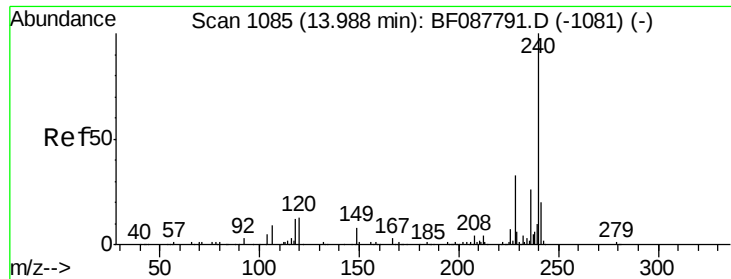


Abundance Ion 202.00 (201.70 to 202.70): E

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_F

ClientSampleId :

SUBSURFACEDUP

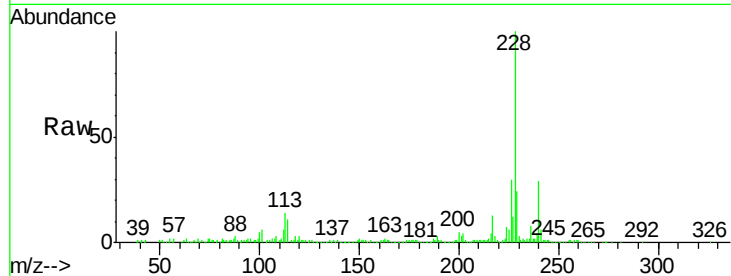
Tot Ion:240 Resp: 116412

Ion Ratio Lower Upper

240 100

120 11.3 6.8 10.2#

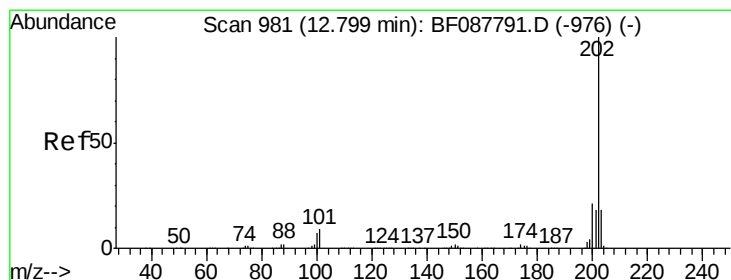
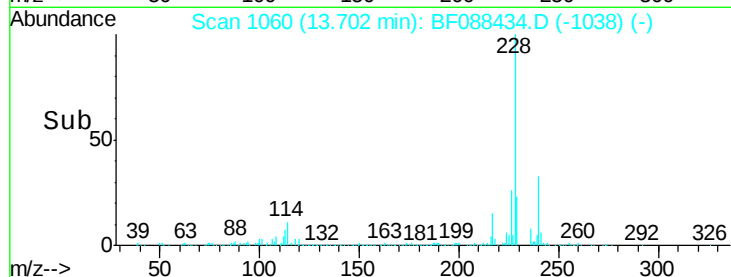
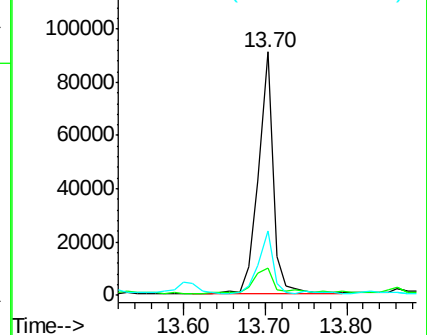
236 26.5 20.2 30.2



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

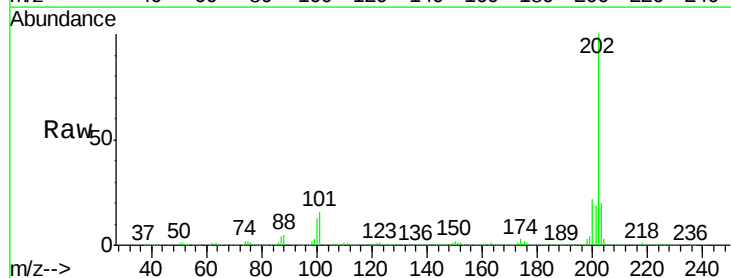
Tgt Ion:202 Resp: 1726200

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

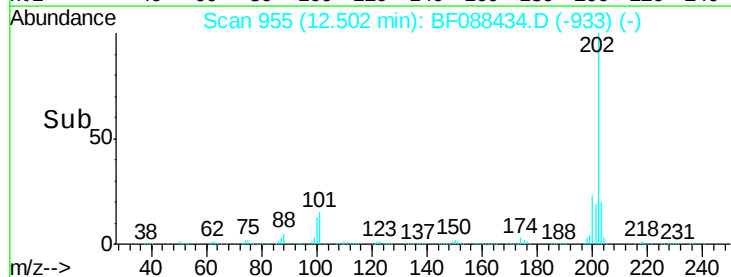
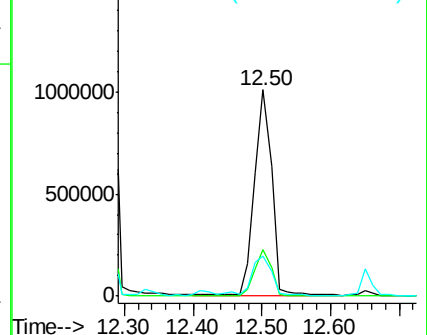
203 19.6 14.5 21.7

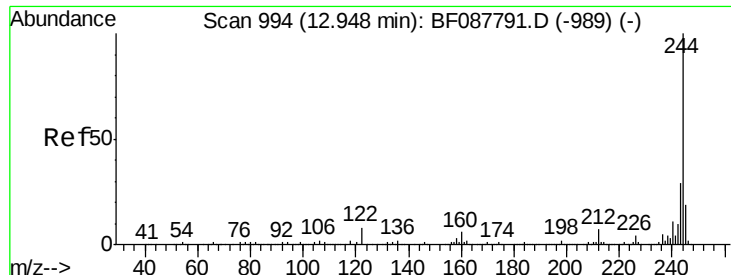


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

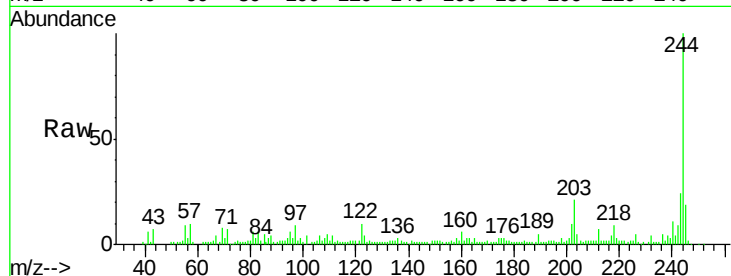




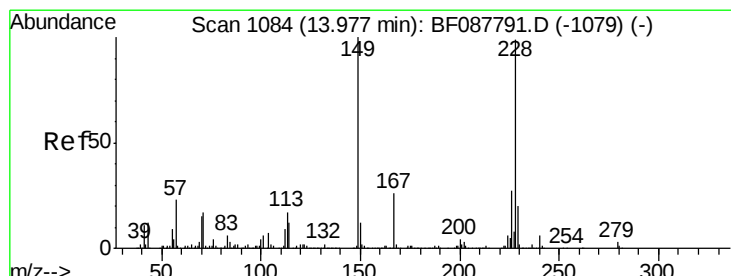
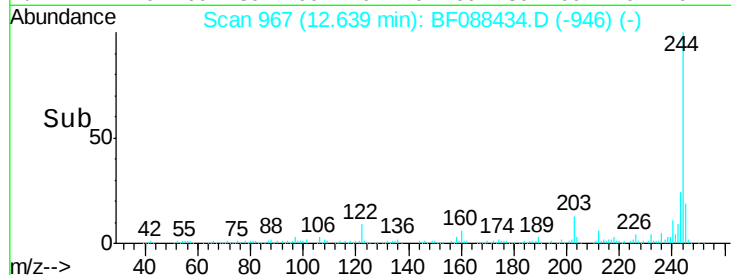
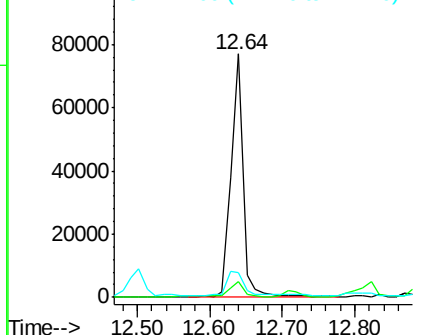
#78
 Terphenyl-d14
 Concen: 17.76 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.06 min
 Lab File: BF088434.D
 Acq: 26 Jun 2016 22:49

Instrument :
 BNA_F
 ClientSampleId :
 SUBSURFACEDUP

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#

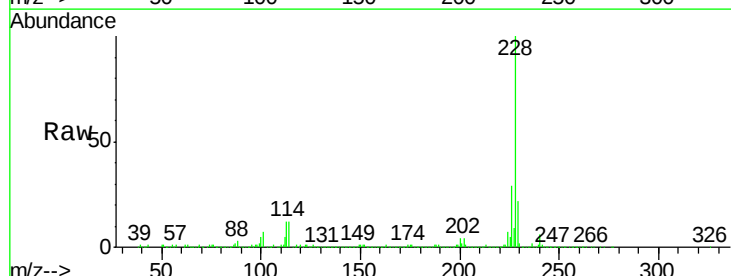


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

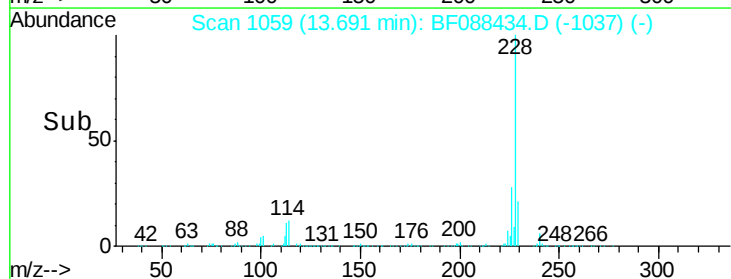
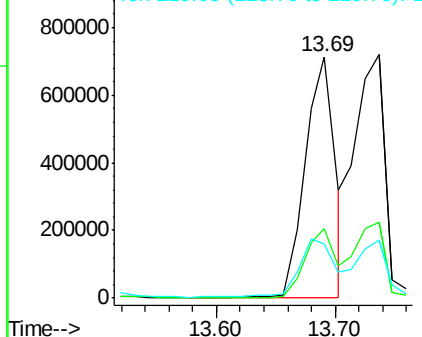


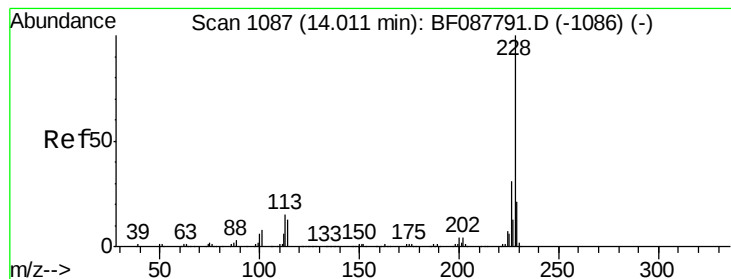
#80
 Benzo(a)anthracene
 Concen: 186.77 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. -0.05 min
 Lab File: BF088434.D
 Acq: 26 Jun 2016 22:49

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_F

ClientSampleId :

SUBSURFACEDUP

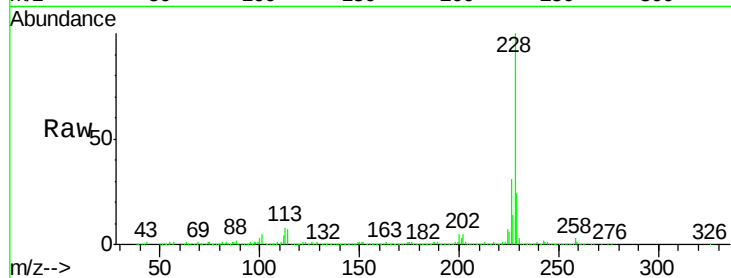
Tot Ion:228 Resp: 1249498

Ion Ratio Lower Upper

228 100

226 31.4 25.4 38.2

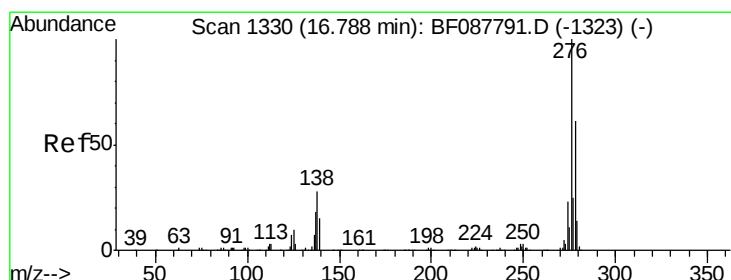
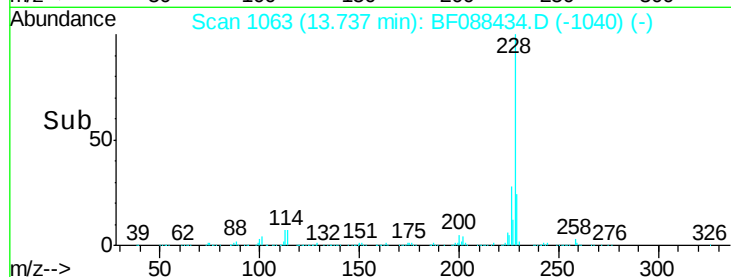
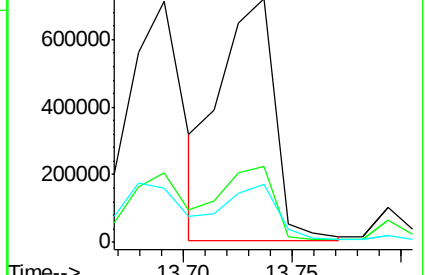
229 24.1 16.3 24.5



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: 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

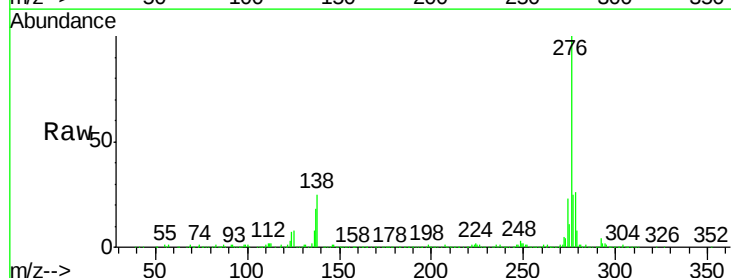
Tgt Ion:276 Resp: 975036

Ion Ratio Lower Upper

276 100

138 27.0 0.0 0.0#

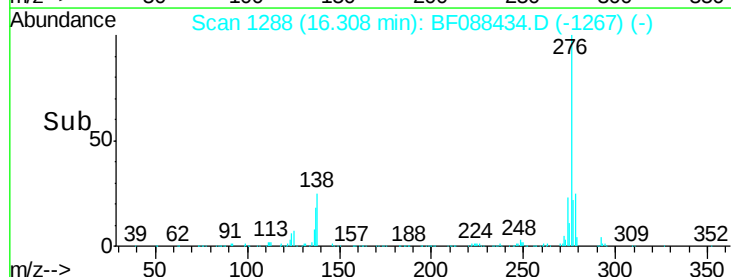
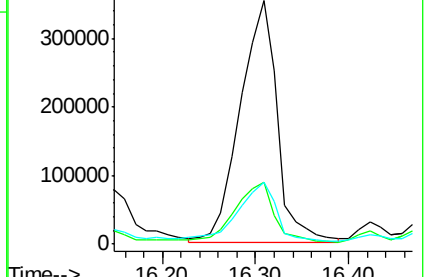
277 24.5 0.0 0.0#

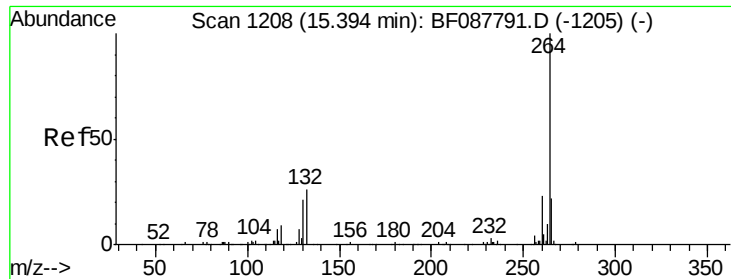


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

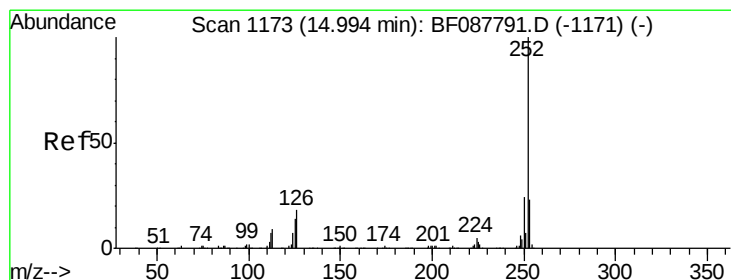
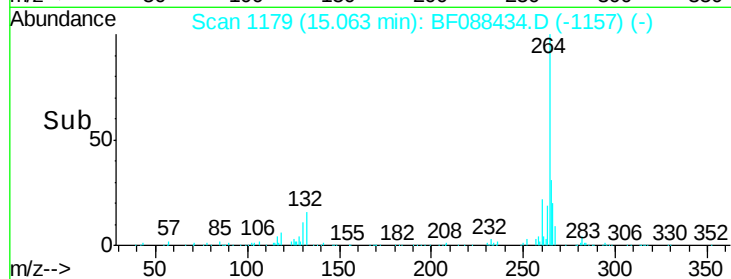
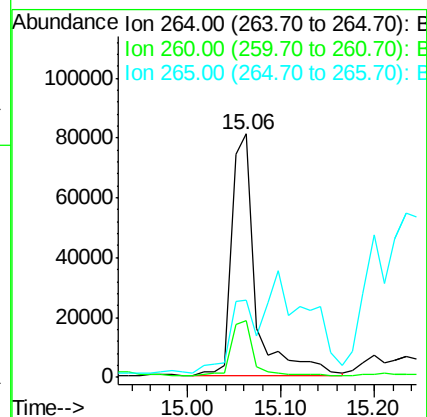
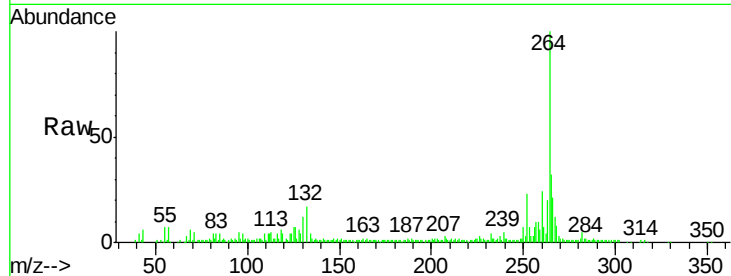




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

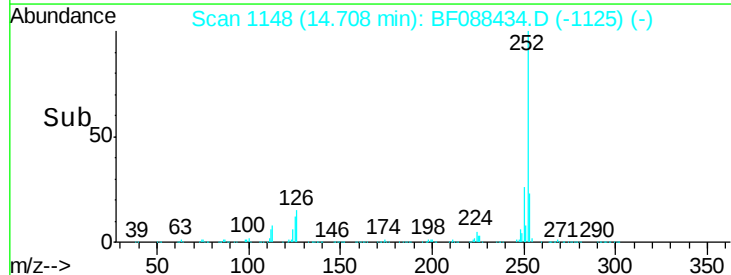
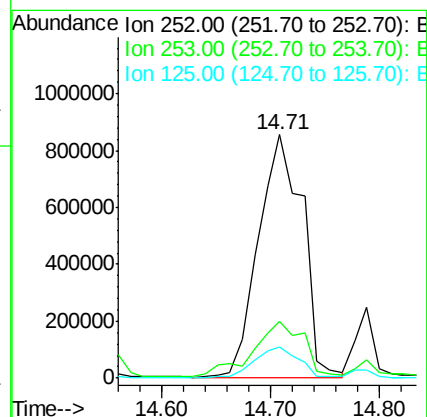
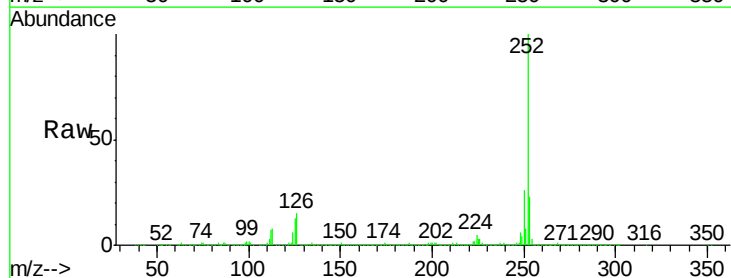
Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

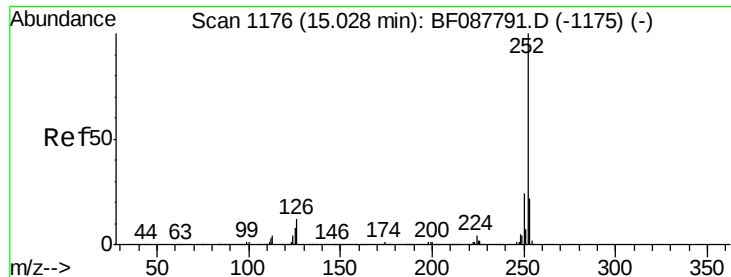
Tot Ion:264 Resp: 144490
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 31.9 16.9 25.3#



#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_F

ClientSampleId :

SUBSURFACEDUP

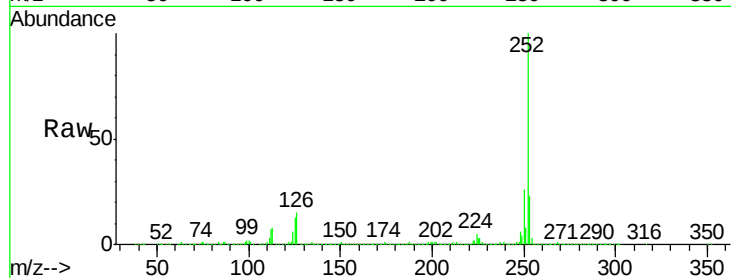
Tot Ion:252 Resp: 2401735

Ion Ratio Lower Upper

252 100

253 23.5 18.0 27.0

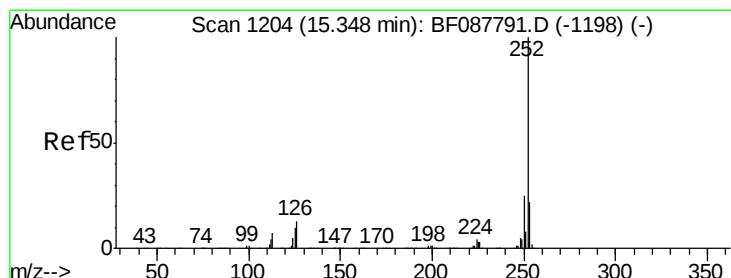
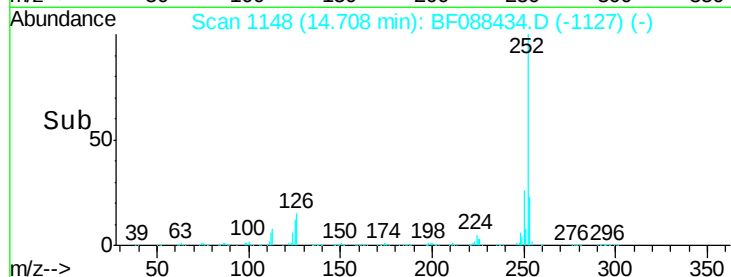
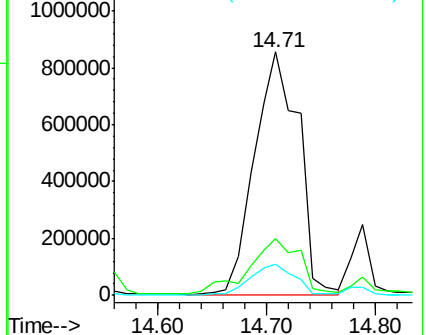
125 12.6 11.2 16.8



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: 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

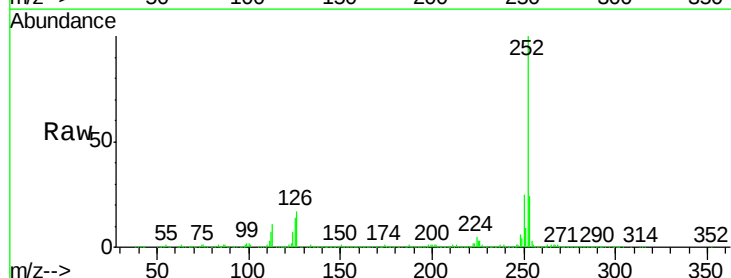
Tgt Ion:252 Resp: 1142703

Ion Ratio Lower Upper

252 100

253 24.3 17.9 26.9

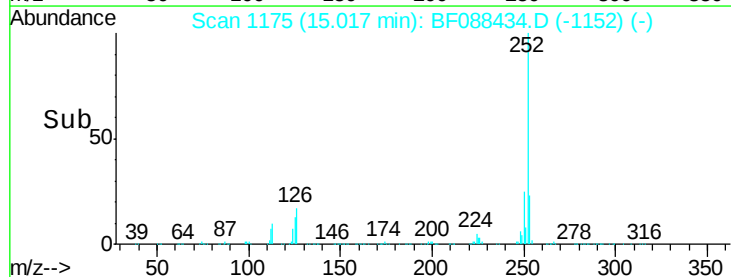
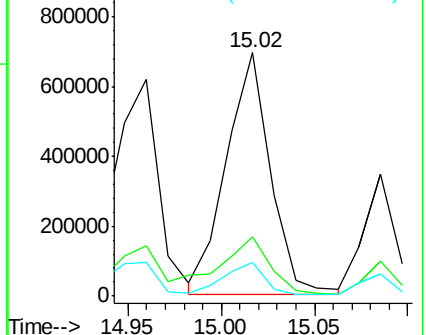
125 13.6 12.5 18.7

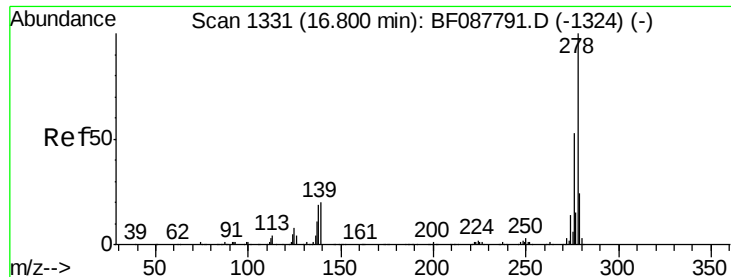


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 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_F

ClientSampleId :

SUBSURFACEDUP

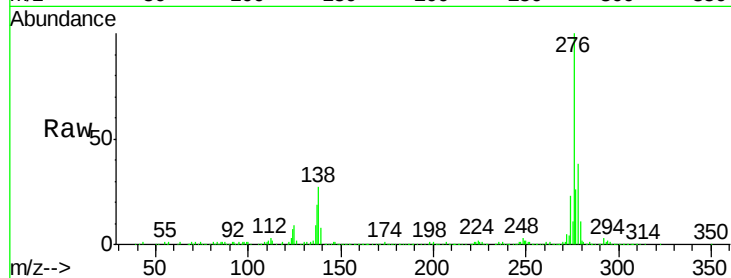
Tot Ion:278 Resp: 366948

Ion Ratio Lower Upper

278 100

139 20.8 15.7 23.5

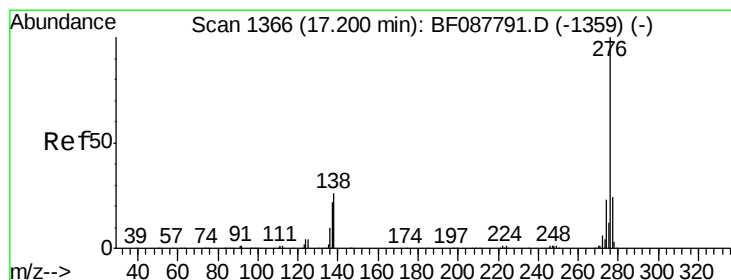
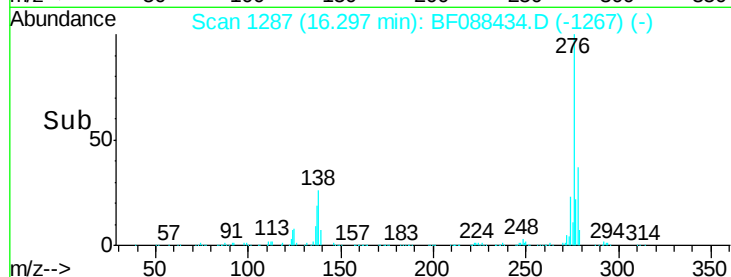
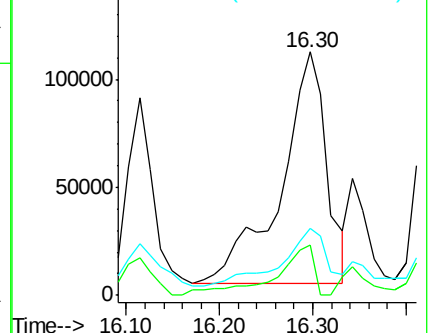
279 27.4 19.4 29.2



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

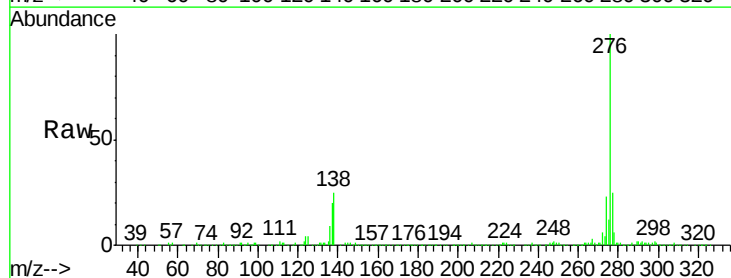
Tgt Ion:276 Resp: 919737

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

