

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
 Data File : BF082335.D
 Acq On : 16 Oct 2015 19:44
 Operator : UM/IZ
 Sample : G4051-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK1-5-20151015

Quant Time: Oct 17 01:16:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 17 01:08:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	71602	20.00	ng	0.24
21) Naphthalene-d8	8.21	136	262797	20.00	ng	0.08
38) Acenaphthene-d10	9.95	164	141074	20.00	ng	0.07
63) Phenanthrene-d10	11.44	188	259893	20.00	ng	0.07
75) Chrysene-d12	14.16	240	220818	20.00	ng	0.09
86) Perylene-d12	15.73	264	215660	20.00	ng	0.14

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	124387	35.06	ng	0.10
7) Phenol-d6	6.56	99	177859	38.52	ng	0.08
23) Nitrobenzene-d5	7.49	82	98631	25.20	ng	0.07
41) 2,4,6-Tribromophenol	10.74	330	119975	90.68	ng	0.06
44) 2-Fluorobiphenyl	9.28	172	287822	33.83	ng	0.07
78) Terphenyl-d14	13.03	244	539830	64.78	ng	0.07

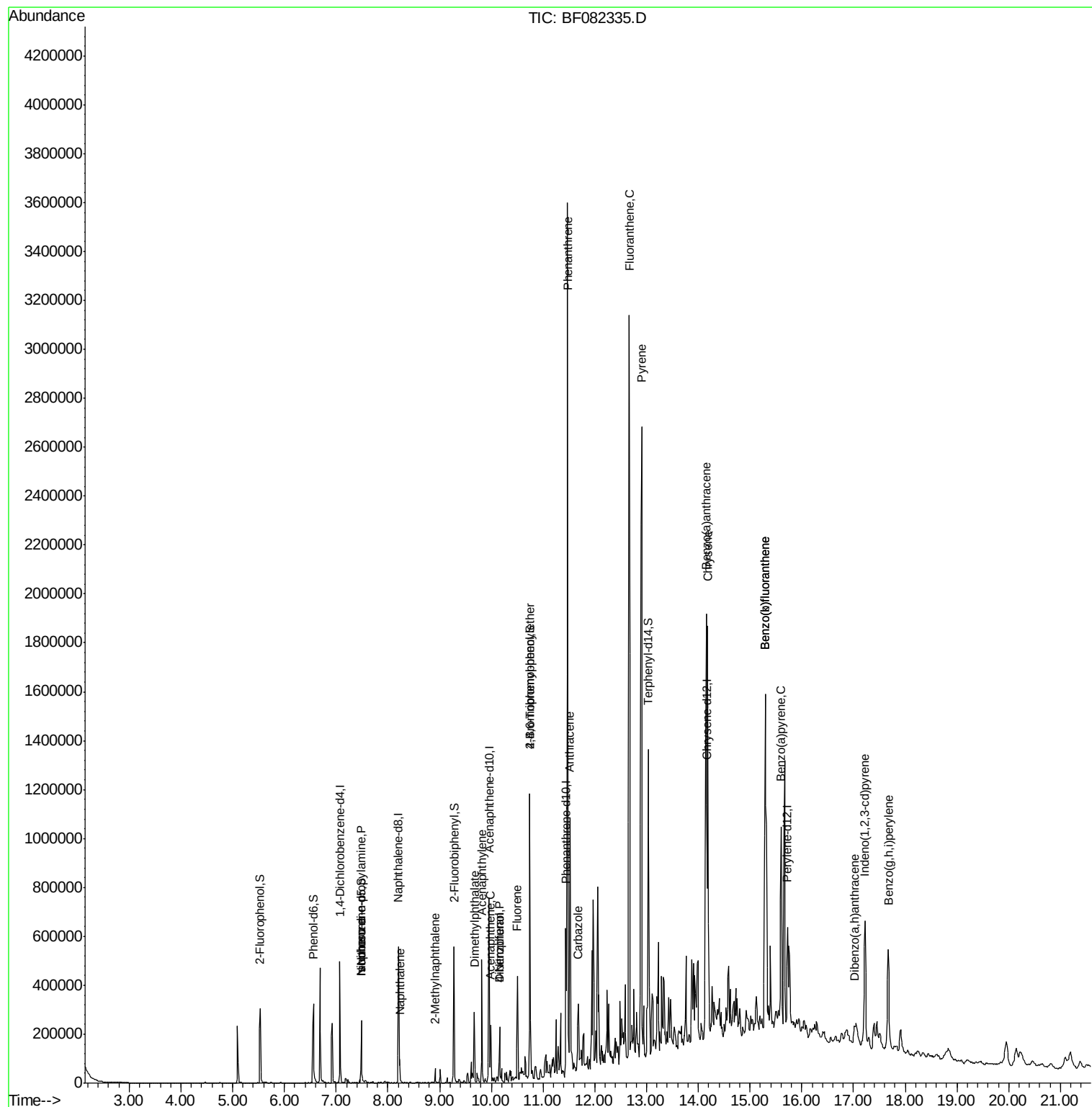
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.49	70	11393	3.51	ng	# 80
25) Isophorone	7.49	82	98629	12.49	ng	# 66
31) Naphthalene	8.23	128	46005	4.04	ng	98
37) 2-Methylnaphthalene	8.91	142	17755	2.25	ng	99
48) Acenaphthylene	9.82	152	211514	16.03	ng	98
49) Dimethylphthalate	9.67	163	113486	11.42	ng	99
51) Acenaphthene	9.99	154	53185	6.72	ng	99
54) Dibenzofuran	10.16	168	96655	8.89	ng	96
55) 4-Nitrophenol	10.16	139	34364	27.98	ng	# 12
57) Fluorene	10.50	166	134611	15.07	ng	99
66) 4-Bromophenyl-phenylether	10.74	248	8587	3.30	ng	# 1
70) Phenanthrene	11.47	178	1547683	121.49	ng	98
71) Anthracene	11.52	178	446644	34.02	ng	99
72) Carbazole	11.68	167	162066	13.53	ng	97
74) Fluoranthene	12.66	202	1759899	128.63	ng	95
77) Pyrene	12.90	202	1584556	120.92	ng	98
80) Benzo(a)anthracene	14.15	228	834550	72.64	ng	96
82) Chrysene	14.18	228	734522	60.67	ng	98
85) Indeno(1,2,3-cd)pyrene	17.22	276	390287	40.56	ng	96
87) Benzo(b)fluoranthene	15.29	252	1189504	90.66	ng	98
88) Benzo(k)fluoranthene	15.29	252	1189504	107.86	ng	# 97
89) Benzo(a)pyrene	15.60	252	429531	38.09	ng	98
90) Dibenzo(a,h)anthracene	17.02	278	60635	6.56	ng	93
91) Benzo(g,h,i)perylene	17.67	276	364591	40.61	ng	99

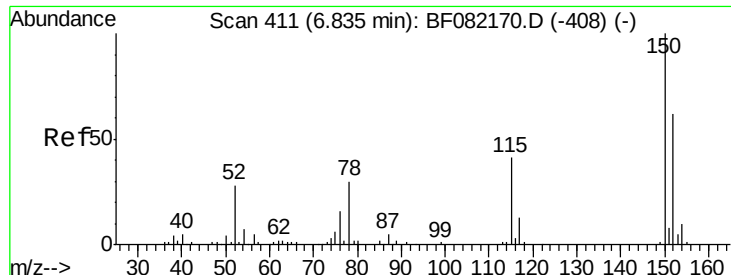
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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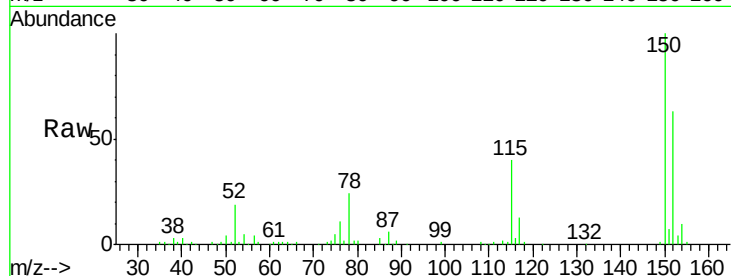




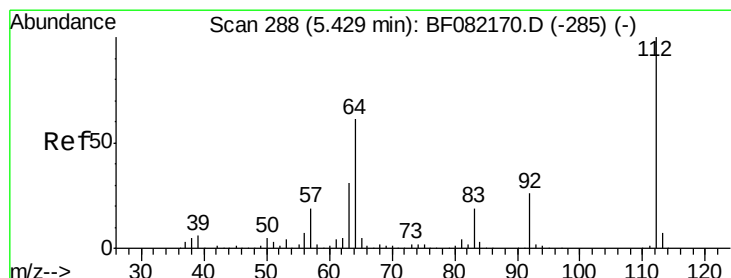
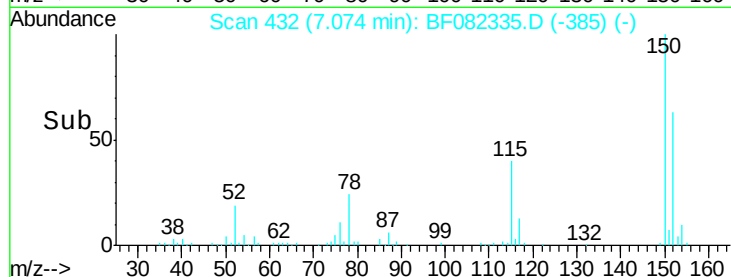
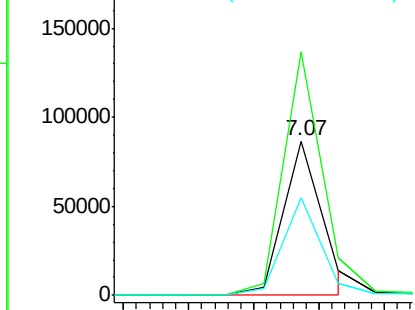
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.07 min Scan# 432
 Delta R.T. 0.24 min
 Lab File: BF082335.D
 Acq: 16 Oct 2015 19:44

Instrument :
 BNA_F
 ClientSampleId :
 TK1-5-20151015

Tot Ion:152 Resp: 71602
 Ion Ratio Lower Upper
 152 100
 150 158.0 129.0 193.4
 115 63.6 52.1 78.1

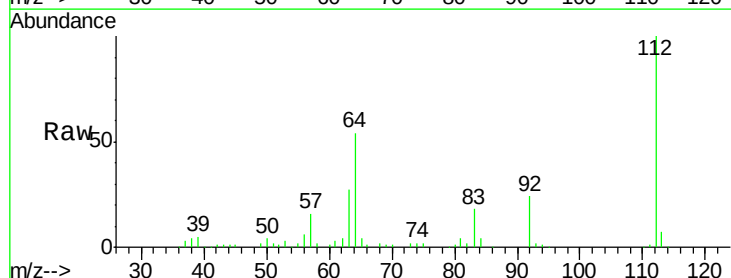


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

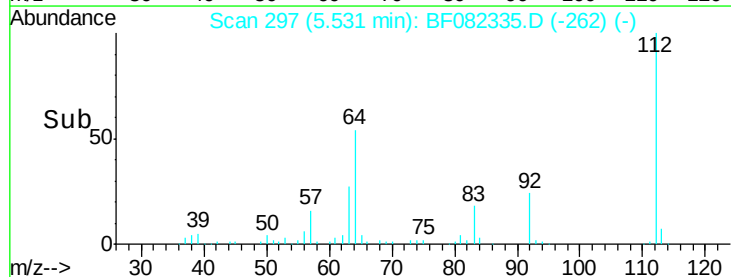
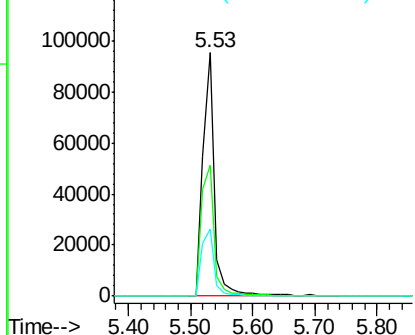


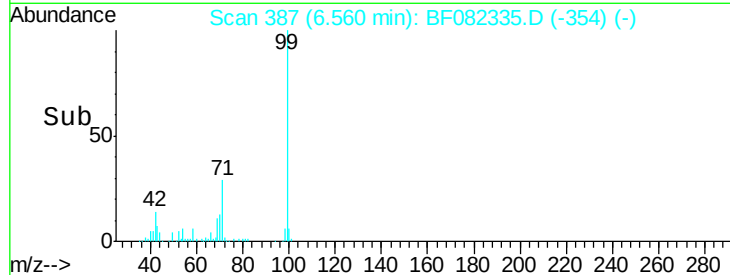
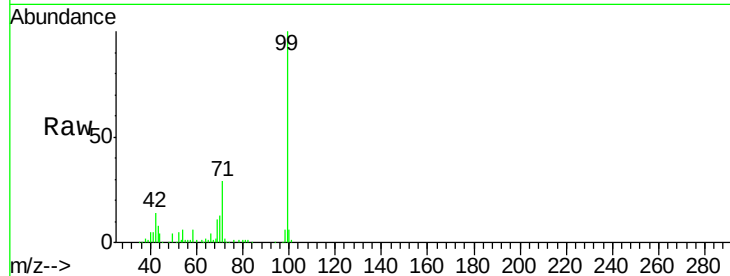
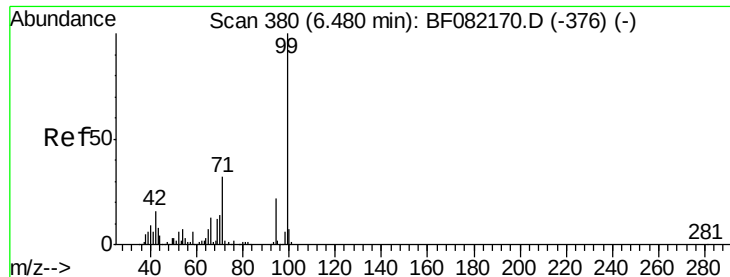
#5
 2-Fluorophenol
 Concen: 35.06 ng
 RT: 5.53 min Scan# 297
 Delta R.T. 0.10 min
 Lab File: BF082335.D
 Acq: 16 Oct 2015 19:44

Tgt Ion:112 Resp: 124387
 Ion Ratio Lower Upper
 112 100
 64 53.8 48.6 73.0
 63 27.4 25.1 37.7



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: 38.52 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.08 min

Lab File: BF082335.D

Acq: 16 Oct 2015 19:44

Instrument :

BNA_F

ClientSampleId :

TK1-5-20151015

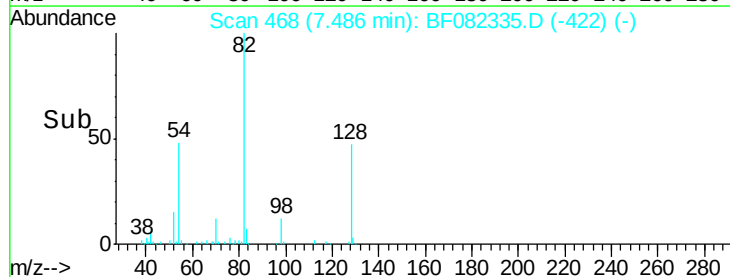
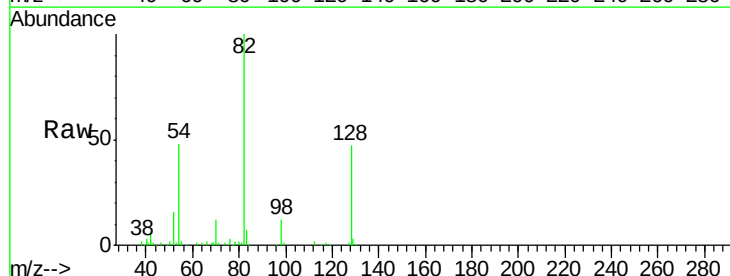
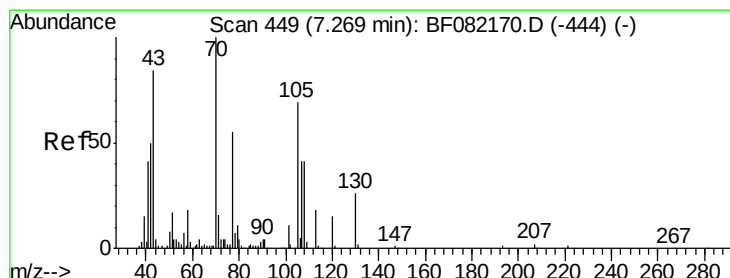
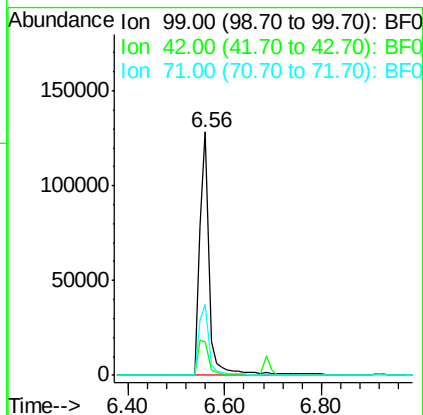
Tot Ion: 99 Resp: 177859

Ion Ratio Lower Upper

99 100

42 13.6 13.2 19.8

71 29.2 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 3.51 ng

RT: 7.49 min Scan# 468

Delta R.T. 0.23 min

Lab File: BF082335.D

Acq: 16 Oct 2015 19:44

Tgt Ion: 70 Resp: 11393

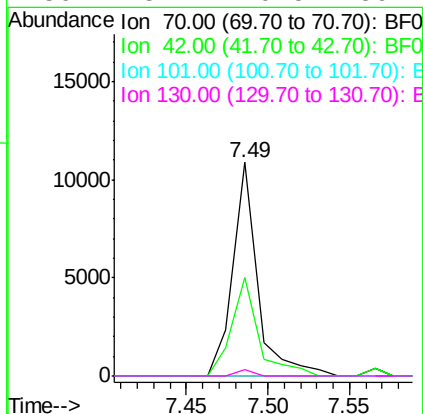
Ion Ratio Lower Upper

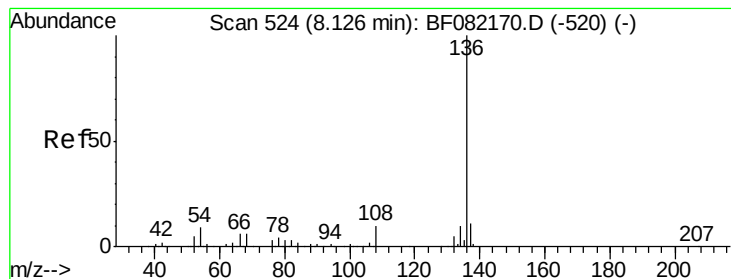
70 100

42 46.1 39.8 59.8

101 0.0 8.6 13.0#

130 3.1 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 531

Delta R.T. 0.08 min

Lab File: BF082335.D

Acq: 16 Oct 2015 19:44

Instrument :

BNA_F

ClientSampleId :

TK1-5-20151015

Tot Ion:136 Resp: 262797

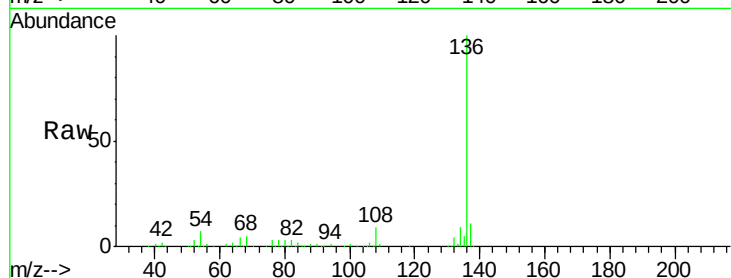
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 6.9 7.5 11.3#

68 4.5 4.6 7.0#

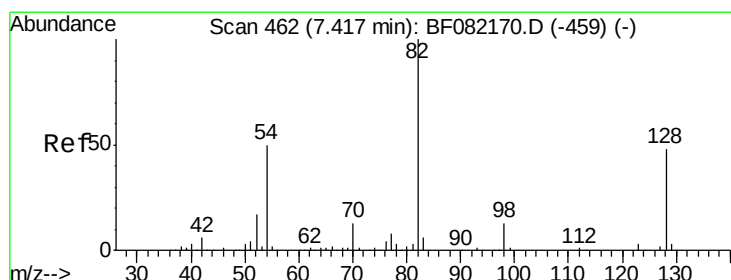
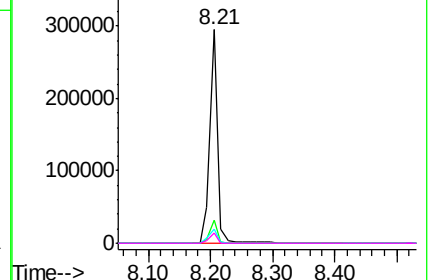
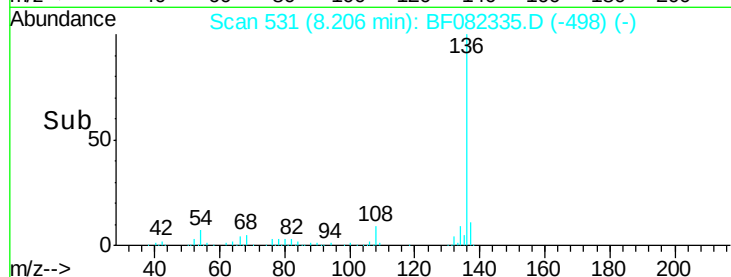


Abundance Ion 136.00 (135.70 to 136.70): E

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: 25.20 ng

RT: 7.49 min Scan# 468

Delta R.T. 0.07 min

Lab File: BF082335.D

Acq: 16 Oct 2015 19:44

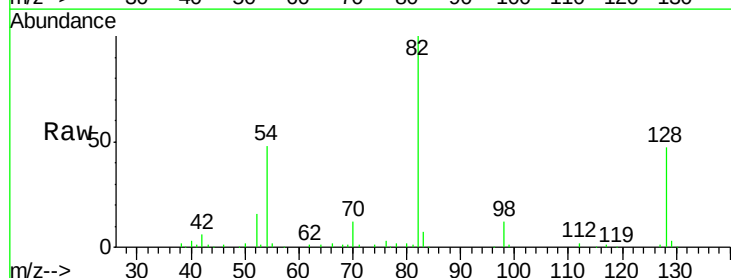
Tgt Ion: 82 Resp: 98631

Ion Ratio Lower Upper

82 100

128 46.9 38.7 58.1

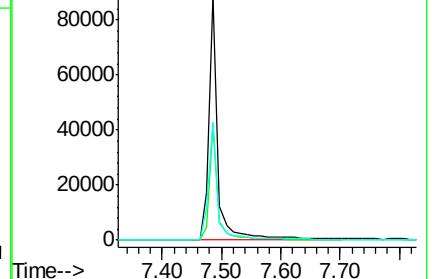
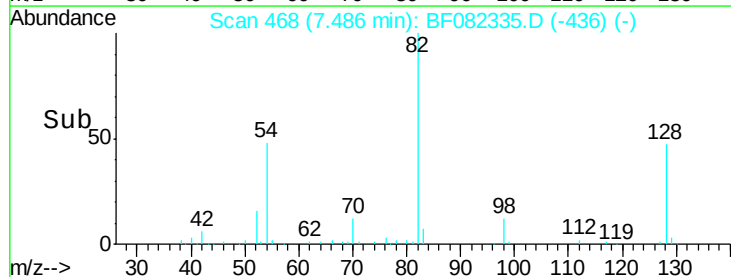
54 48.4 40.1 60.1

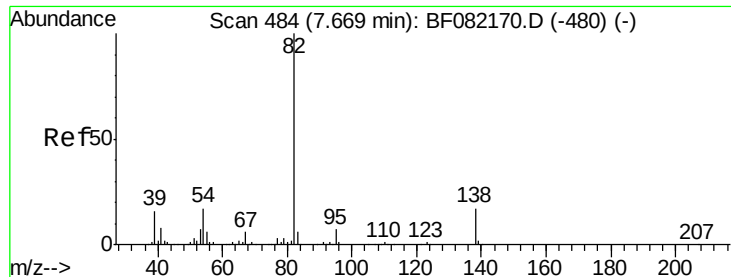


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 12.49 ng

RT: 7.49 min Scan# 468

Delta R.T. -0.18 min

Lab File: BF082335.D

Acq: 16 Oct 2015 19:44

Instrument :

BNA_F

ClientSampleId :

TK1-5-20151015

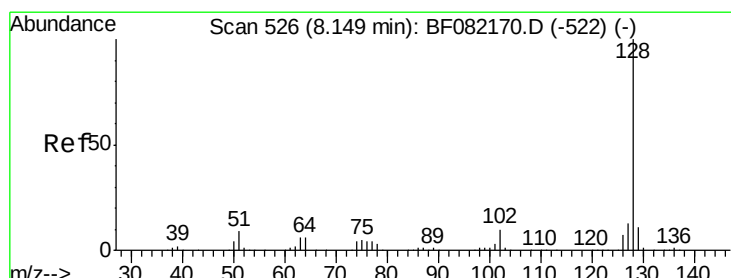
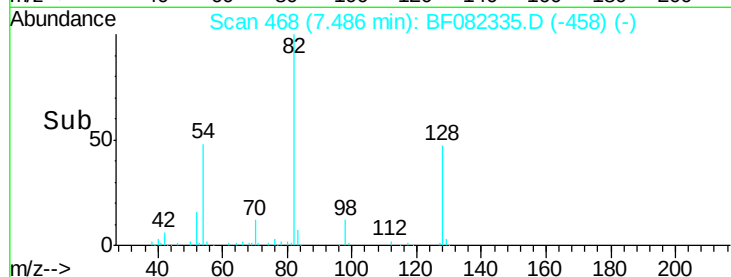
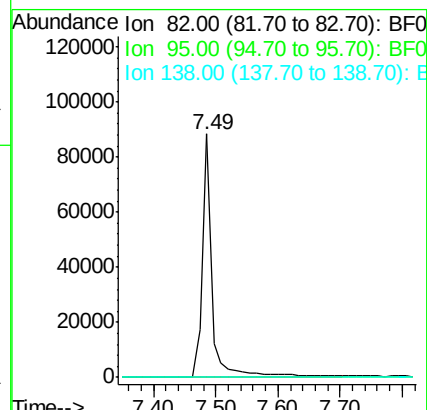
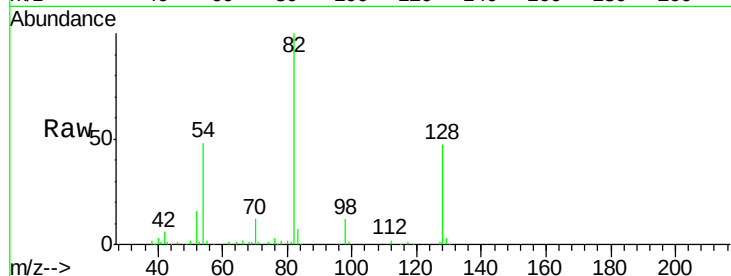
Tot Ion: 82 Resp: 98629

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#



#31

Naphthalene

Concen: 4.04 ng

RT: 8.23 min Scan# 533

Delta R.T. 0.08 min

Lab File: BF082335.D

Acq: 16 Oct 2015 19:44

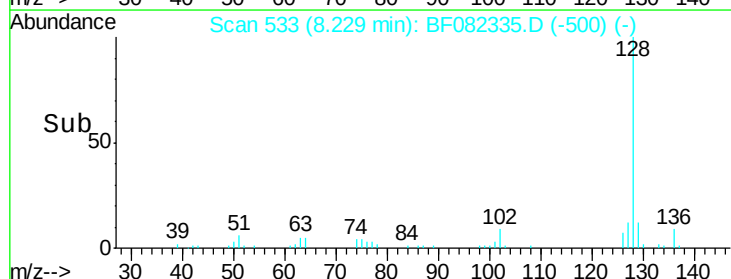
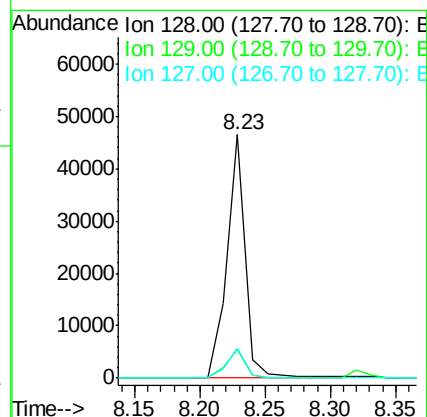
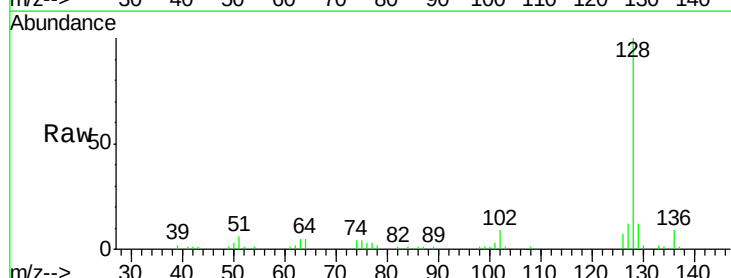
Tgt Ion: 128 Resp: 46005

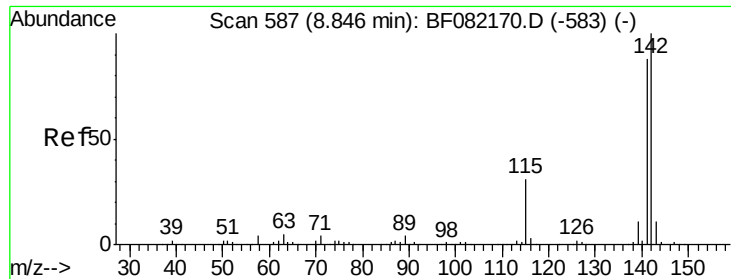
Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

127 12.1 10.7 16.1

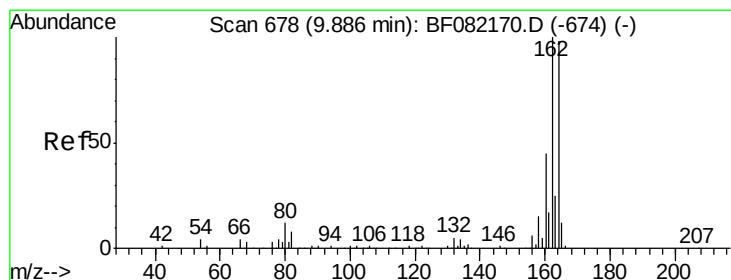
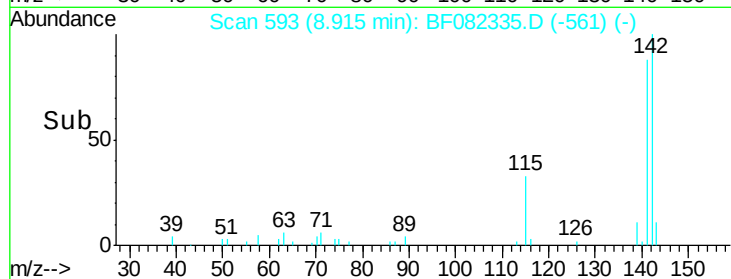
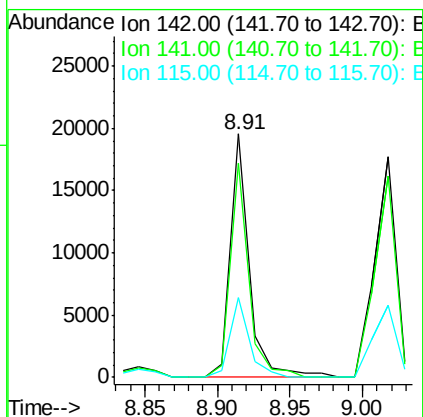
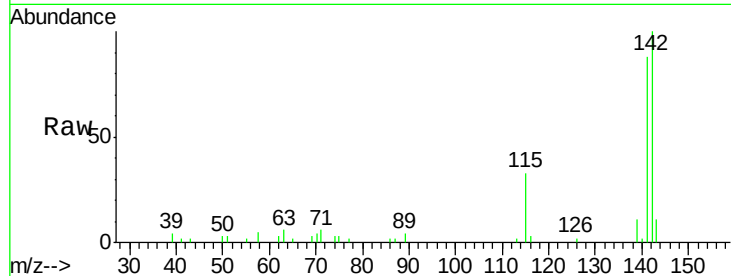




#37
2-Methylnaphthalene
Concen: 2.25 ng
RT: 8.91 min Scan# 593
Delta R.T. 0.07 min
Lab File: BF082335.D
Acq: 16 Oct 2015 19:44

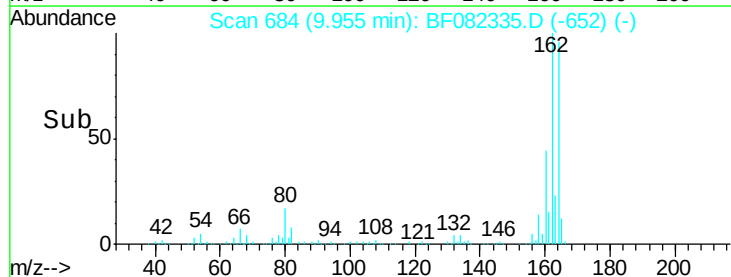
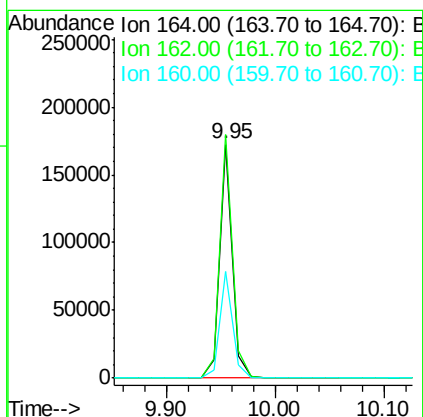
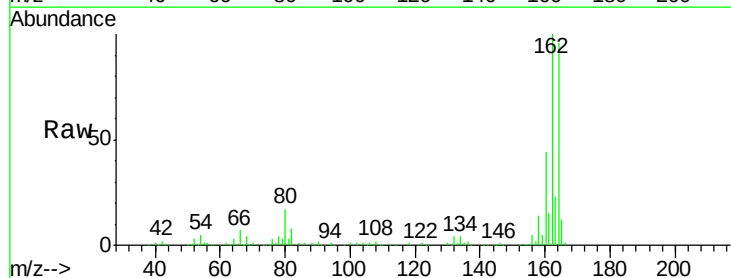
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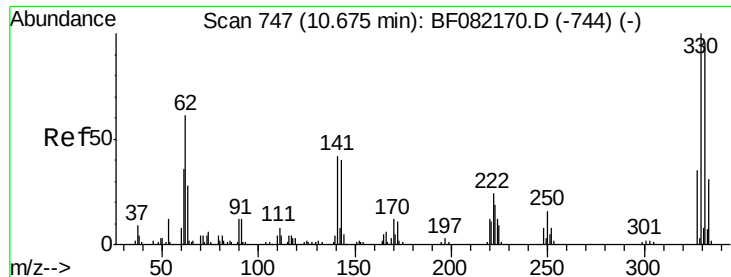
Tot Ion:142 Resp: 17755
Ion Ratio Lower Upper
142 100
141 88.0 70.4 105.6
115 32.8 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.07 min
Lab File: BF082335.D
Acq: 16 Oct 2015 19:44

Tgt Ion:164 Resp: 141074
Ion Ratio Lower Upper
164 100
162 104.1 81.6 122.4
160 45.6 36.4 54.6

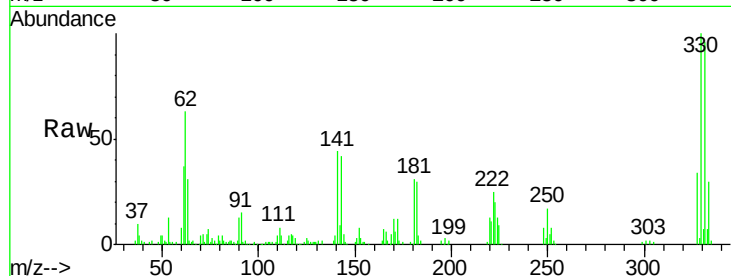




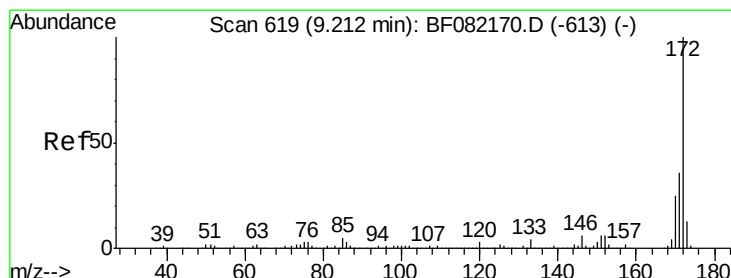
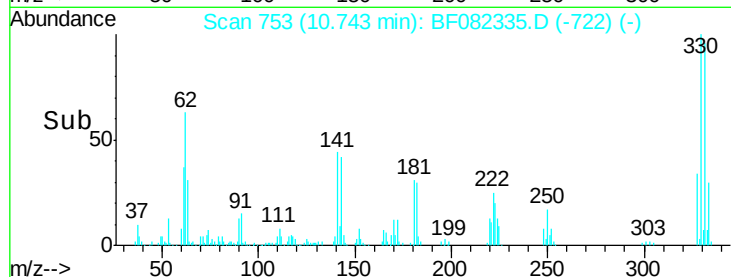
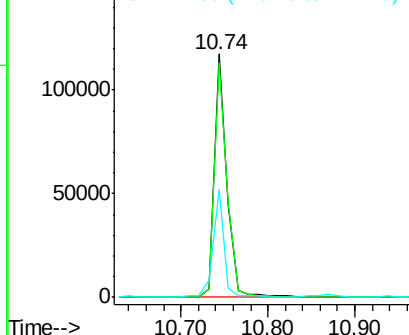
#41
 2,4,6-Tribromophenol
 Concen: 90.68 ng
 RT: 10.74 min Scan# 753
 Delta R.T. 0.06 min
 Lab File: BF082335.D
 Acq: 16 Oct 2015 19:44

Instrument :
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Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.1	115.7
141	40.3	29.8	44.8

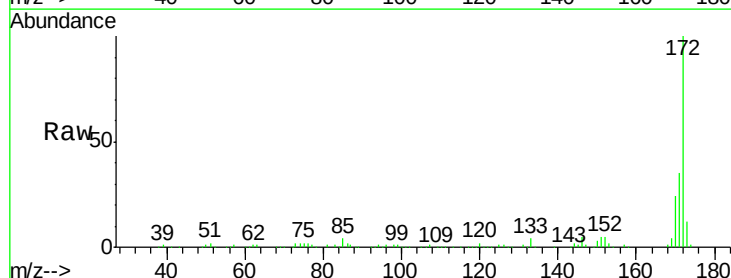


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

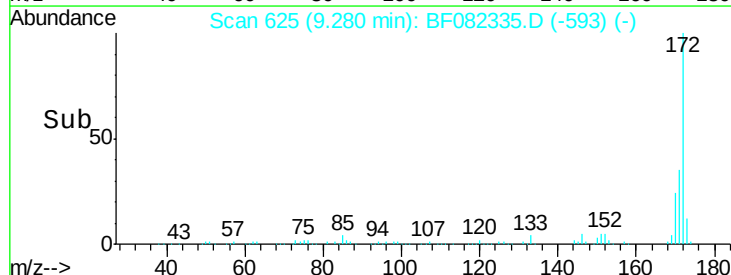
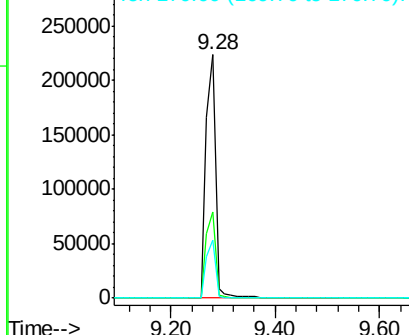


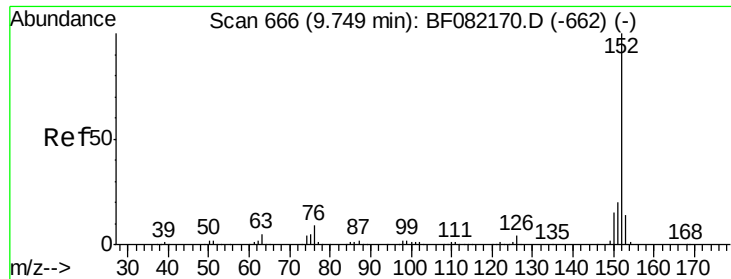
#44
 2-Fluorobiphenyl
 Concen: 33.83 ng
 RT: 9.28 min Scan# 625
 Delta R.T. 0.07 min
 Lab File: BF082335.D
 Acq: 16 Oct 2015 19:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.7	19.7	29.5



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





#48

Acenaphthylene

Concen: 16.03 ng

RT: 9.82 min Scan# 672

Delta R.T. 0.07 min

Lab File: BF082335.D

Acq: 16 Oct 2015 19:44

Instrument :

BNA_F

ClientSampleId :

TK1-5-20151015

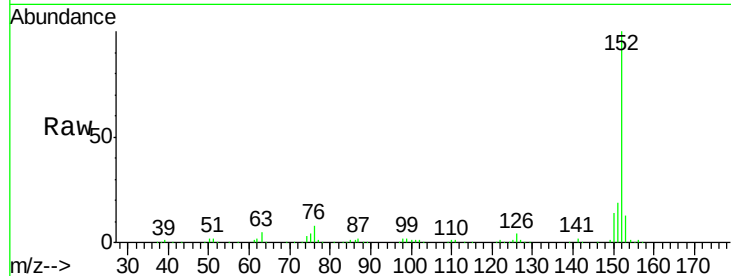
Tot Ion:152 Resp: 211514

Ion Ratio Lower Upper

152 100

151 19.4 16.4 24.6

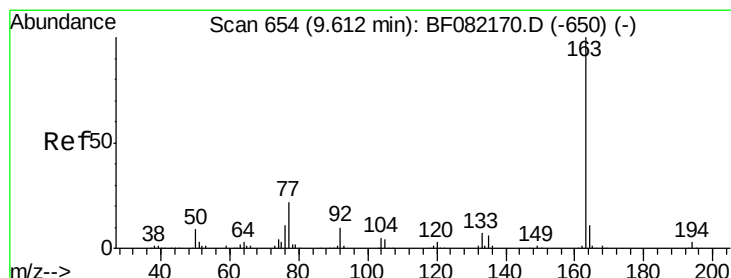
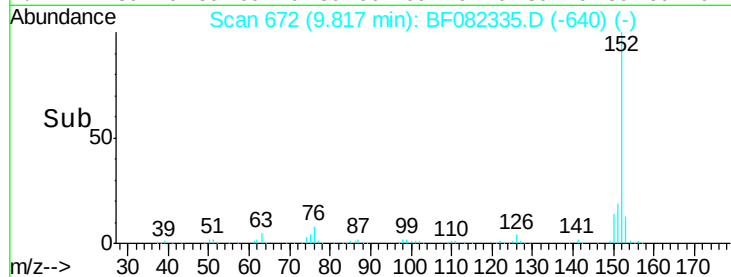
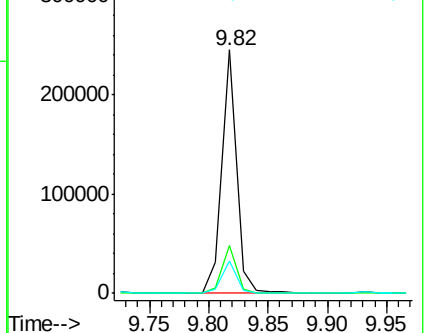
153 13.4 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 11.42 ng

RT: 9.67 min Scan# 659

Delta R.T. 0.06 min

Lab File: BF082335.D

Acq: 16 Oct 2015 19:44

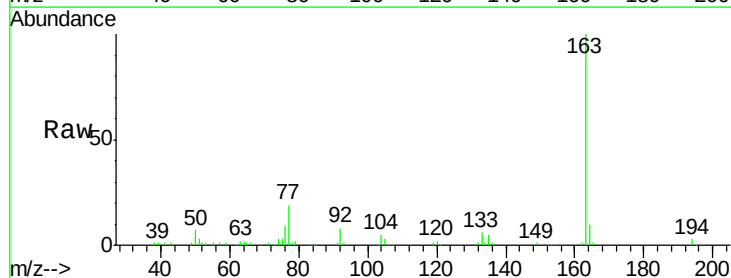
Tgt Ion:163 Resp: 113486

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

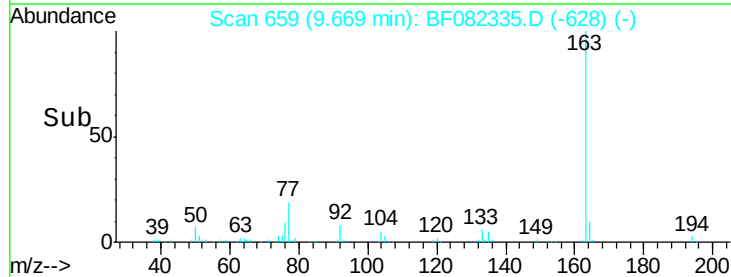
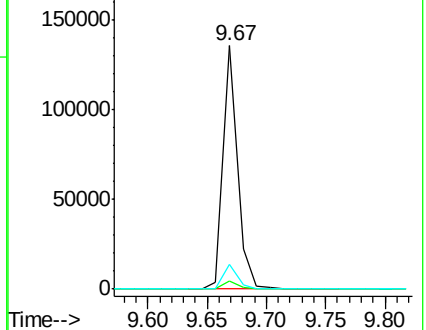
164 10.0 8.5 12.7

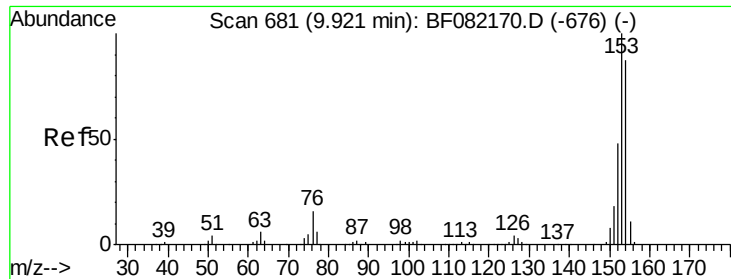


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 6.72 ng

RT: 9.99 min Scan# 687

Delta R.T. 0.07 min

Lab File: BF082335.D

Acq: 16 Oct 2015 19:44

Instrument :

BNA_F

ClientSampleId :

TK1-5-20151015

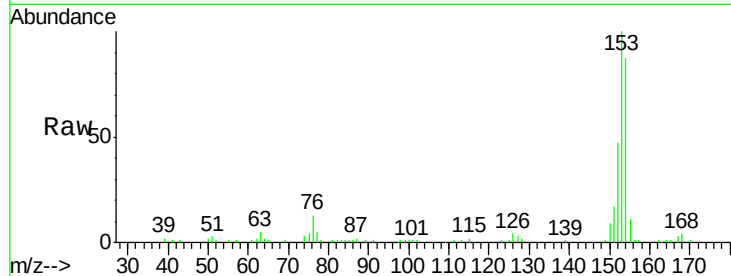
Tot Ion:154 Resp: 53185

Ion Ratio Lower Upper

154 100

153 114.7 91.4 137.2

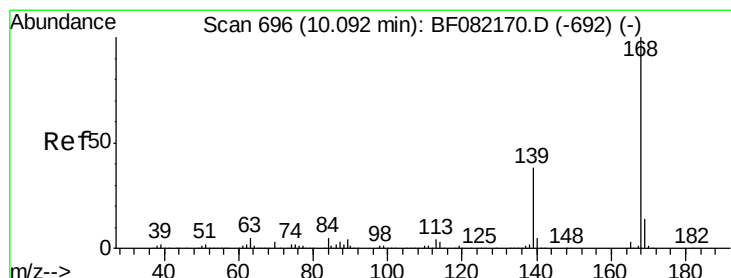
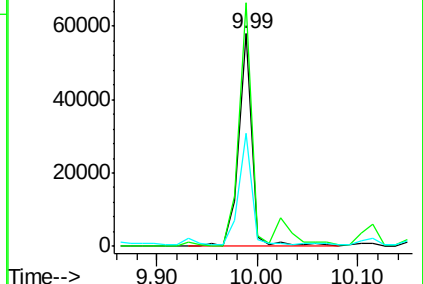
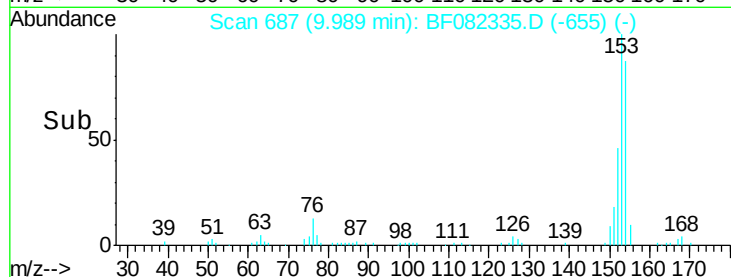
152 53.5 44.3 66.5



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: 8.89 ng

RT: 10.16 min Scan# 702

Delta R.T. 0.07 min

Lab File: BF082335.D

Acq: 16 Oct 2015 19:44

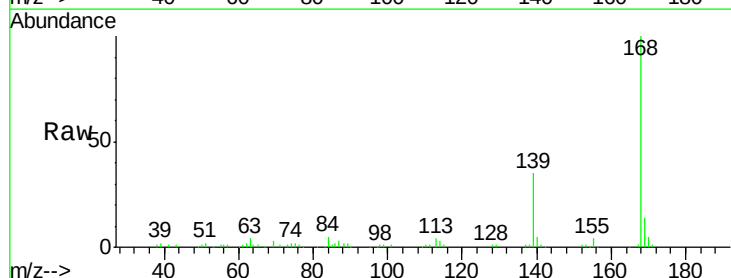
Tgt Ion:168 Resp: 96655

Ion Ratio Lower Upper

168 100

139 35.4 31.0 46.6

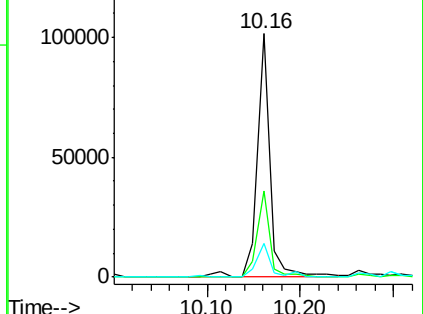
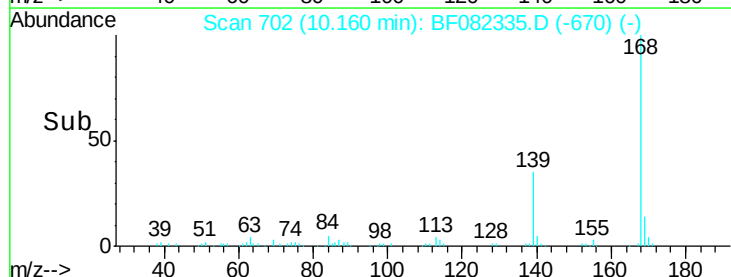
169 13.9 10.9 16.3

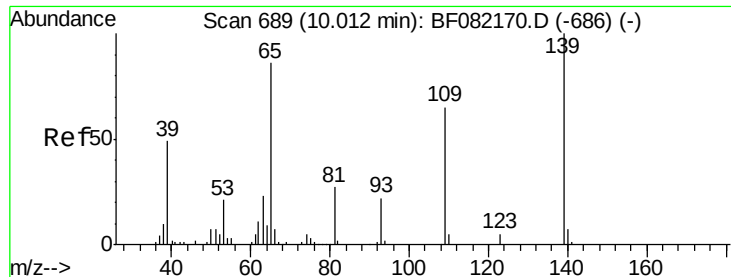


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

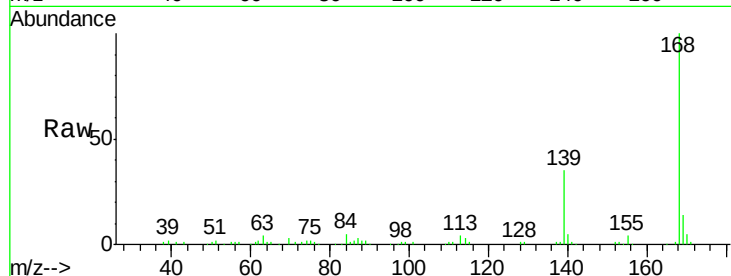




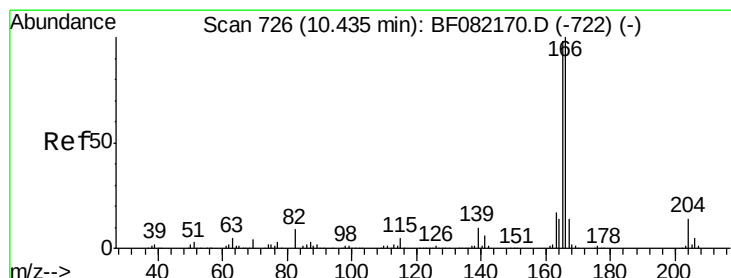
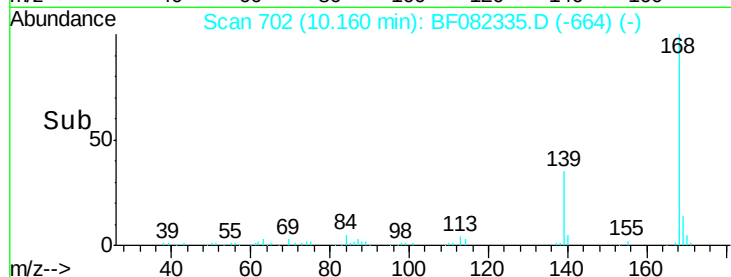
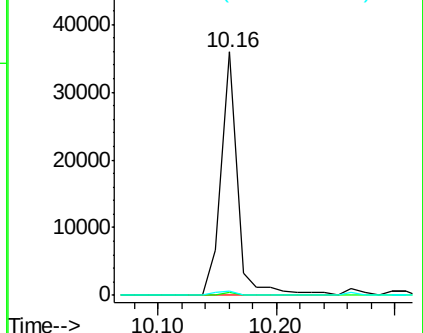
#55
4-Nitrophenol
Concen: 27.98 ng
RT: 10.16 min Scan# 702
Delta R.T. 0.14 min
Lab File: BF082335.D
Acq: 16 Oct 2015 19:44

Instrument :
BNA_F
ClientSampleId :
TK1-5-20151015

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.1	44.8	84.8#
65	1.7	67.7	107.7#

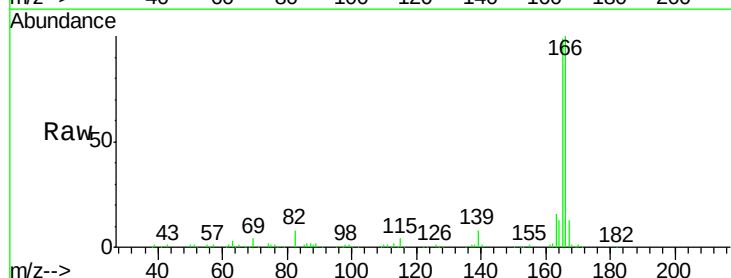


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

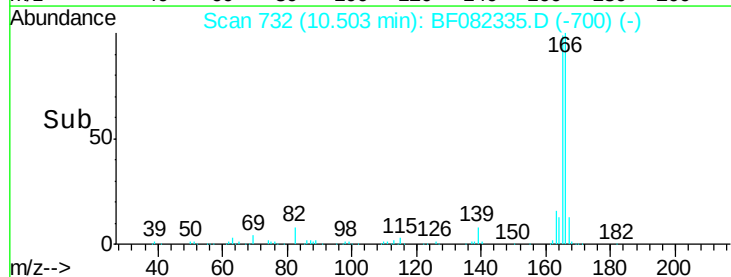
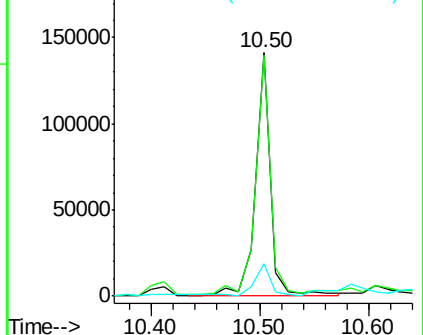


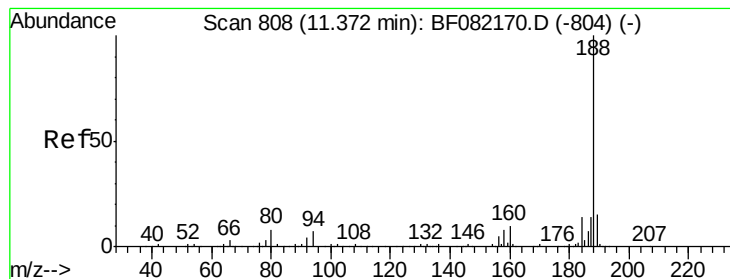
#57
Fluorene
Concen: 15.07 ng
RT: 10.50 min Scan# 732
Delta R.T. 0.07 min
Lab File: BF082335.D
Acq: 16 Oct 2015 19:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.3	117.5
167	13.1	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 814

Delta R.T. 0.07 min

Lab File: BF082335.D

Acq: 16 Oct 2015 19:44

Instrument :

BNA_F

ClientSampleId :

TK1-5-20151015

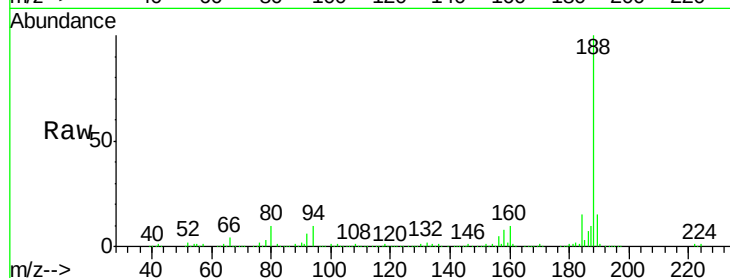
Tot Ion:188 Resp: 259893

Ion Ratio Lower Upper

188 100

94 9.7 5.8 8.6#

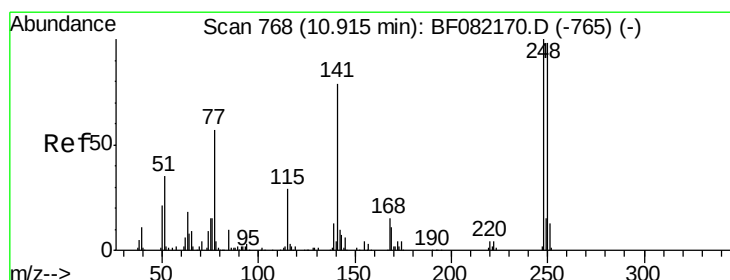
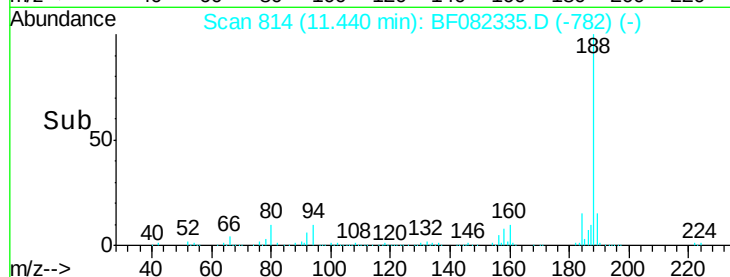
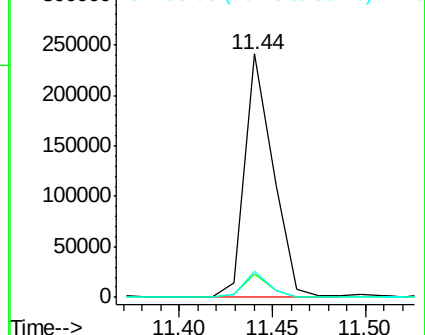
80 10.5 6.4 9.6#



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



#66

4-Bromophenyl-phenylether

Concen: 3.30 ng

RT: 10.74 min Scan# 753

Delta R.T. -0.17 min

Lab File: BF082335.D

Acq: 16 Oct 2015 19:44

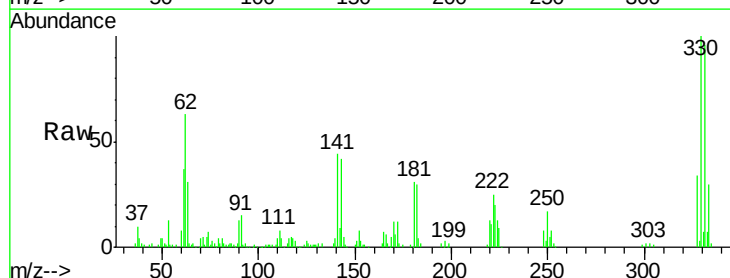
Tgt Ion:248 Resp: 8587

Ion Ratio Lower Upper

248 100

250 206.5 78.6 117.8#

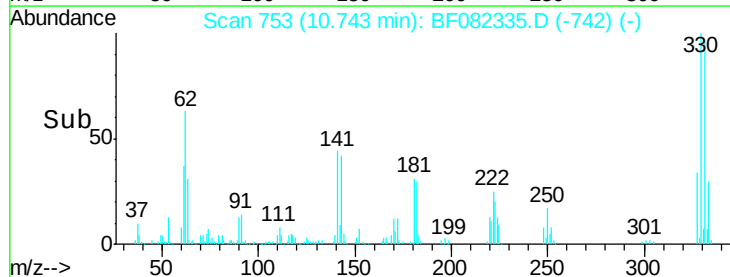
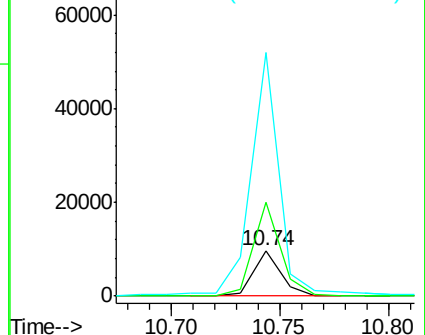
141 533.8 63.3 94.9#

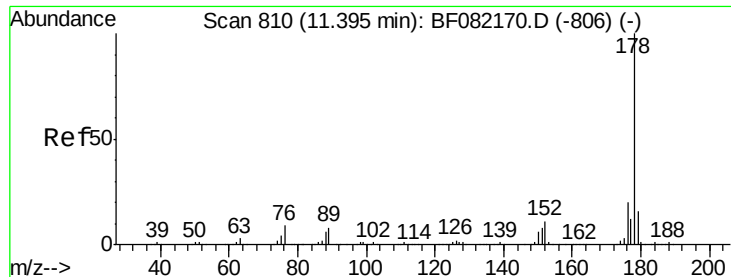


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 121.49 ng

RT: 11.47 min Scan# 817

Delta R.T. 0.08 min

Lab File: BF082335.D

Acq: 16 Oct 2015 19:44

Instrument :

BNA_F

ClientSampleId :

TK1-5-20151015

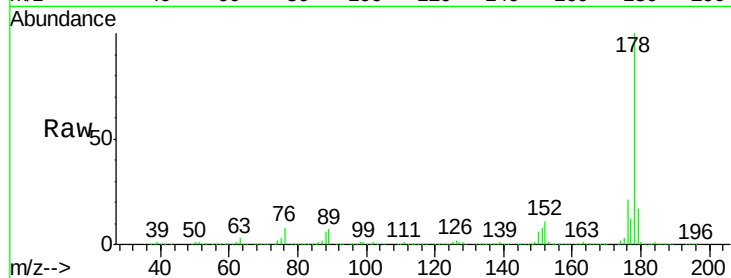
Tot Ion:178 Resp: 1547683

Ion Ratio Lower Upper

178 100

176 20.8 16.0 24.0

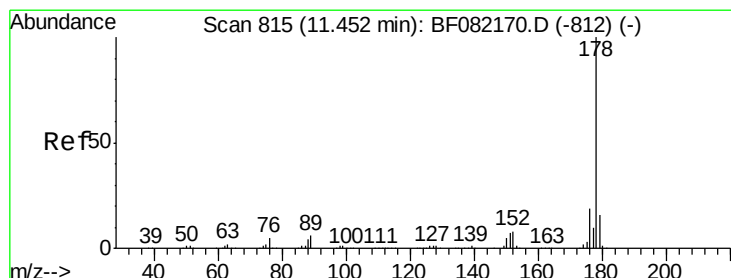
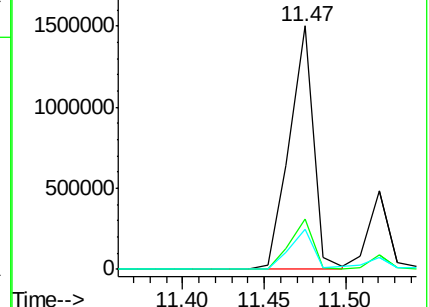
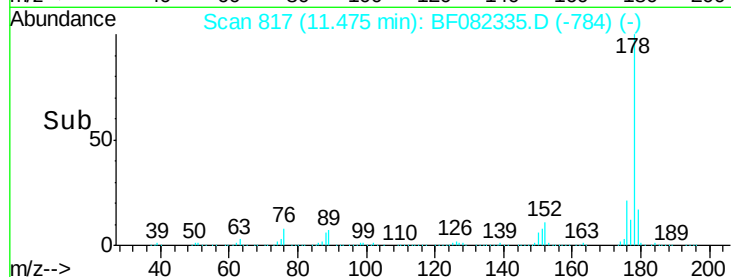
179 16.6 12.6 19.0



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: 34.02 ng

RT: 11.52 min Scan# 821

Delta R.T. 0.07 min

Lab File: BF082335.D

Acq: 16 Oct 2015 19:44

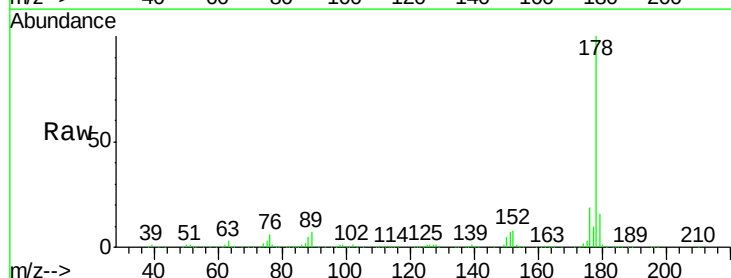
Tgt Ion:178 Resp: 446644

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

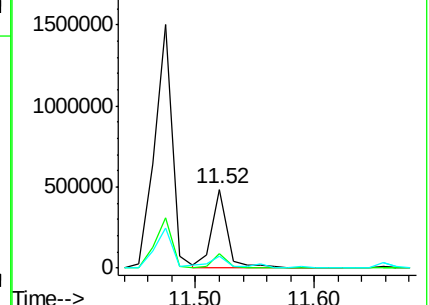
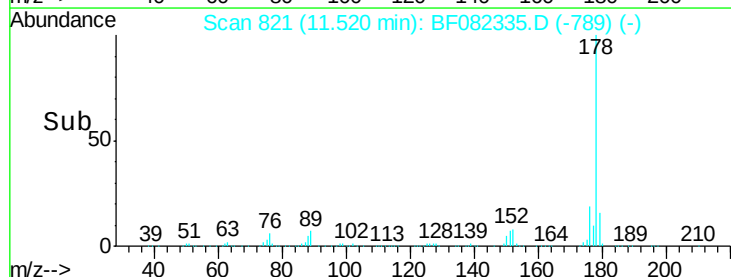
179 15.8 12.5 18.7

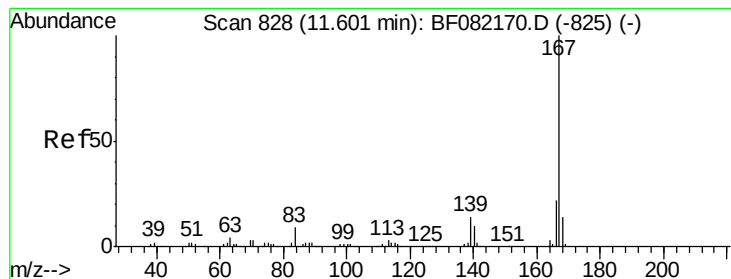


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 13.53 ng

RT: 11.68 min Scan# 835

Delta R.T. 0.07 min

Lab File: BF082335.D

Acq: 16 Oct 2015 19:44

Instrument :

BNA_F

ClientSampleId :

TK1-5-20151015

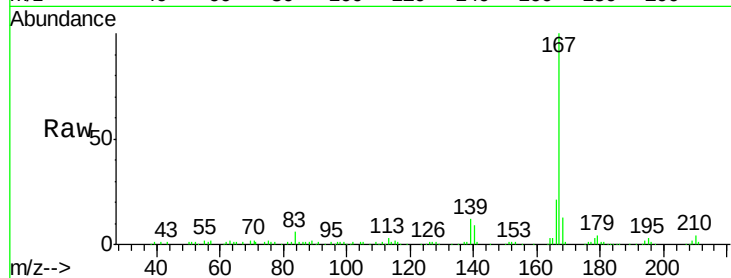
Tot Ion:167 Resp: 162066

Ion Ratio Lower Upper

167 100

166 21.1 17.3 25.9

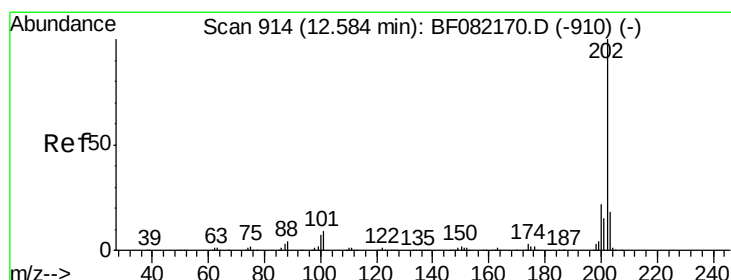
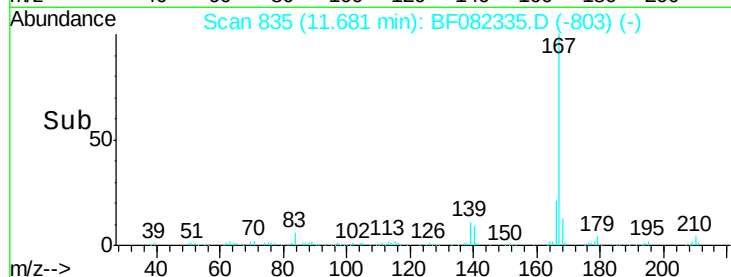
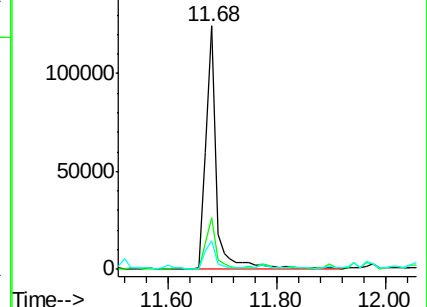
139 11.6 11.2 16.8



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: 128.63 ng

RT: 12.66 min Scan# 921

Delta R.T. 0.07 min

Lab File: BF082335.D

Acq: 16 Oct 2015 19:44

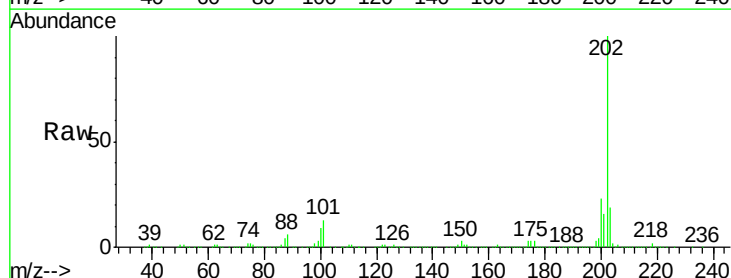
Tgt Ion:202 Resp: 1759899

Ion Ratio Lower Upper

202 100

101 12.5 0.0 29.3

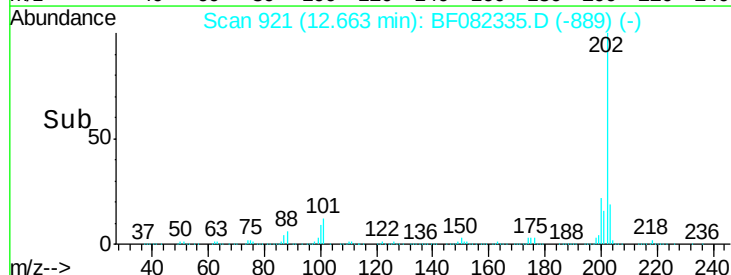
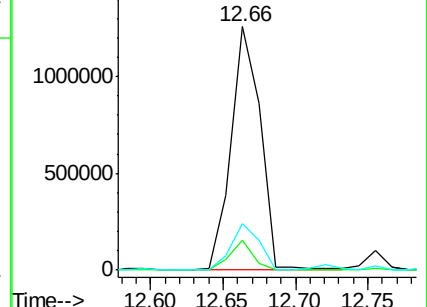
203 19.0 0.0 37.8

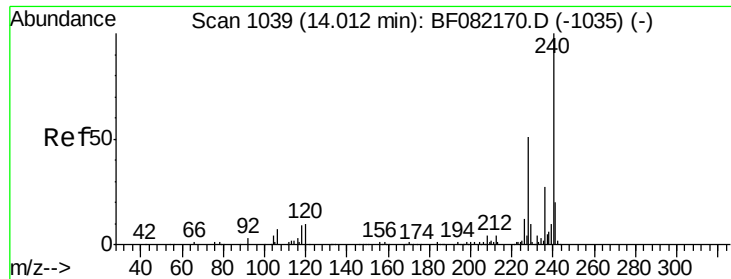


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1052

Delta R.T. 0.09 min

Lab File: BF082335.D

Acq: 16 Oct 2015 19:44

Instrument :

BNA_F

ClientSampleId :

TK1-5-20151015

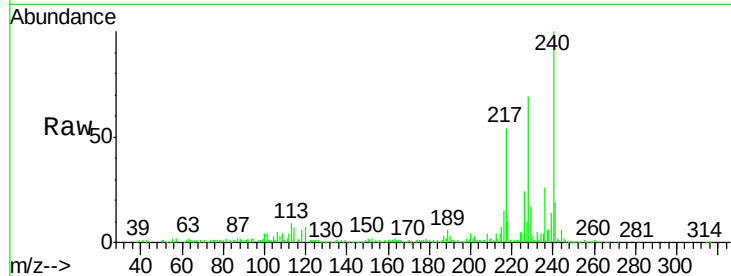
Tot Ion:240 Resp: 220818

Ion Ratio Lower Upper

240 100

120 6.7 8.1 12.1#

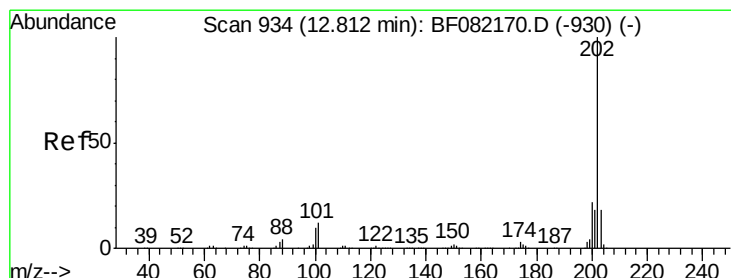
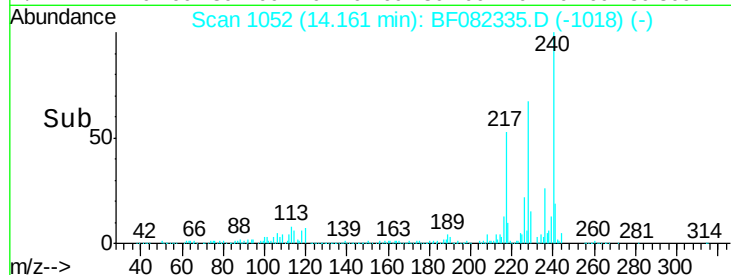
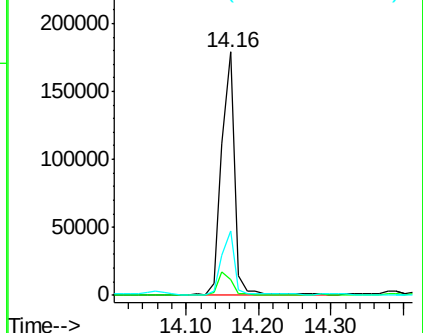
236 26.3 21.3 31.9



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: 120.92 ng

RT: 12.90 min Scan# 942

Delta R.T. 0.08 min

Lab File: BF082335.D

Acq: 16 Oct 2015 19:44

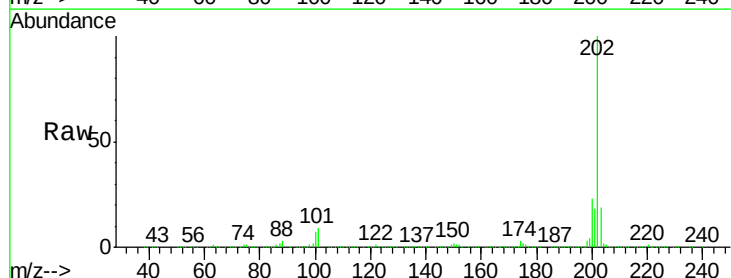
Tgt Ion:202 Resp: 1584556

Ion Ratio Lower Upper

202 100

200 22.8 17.9 26.9

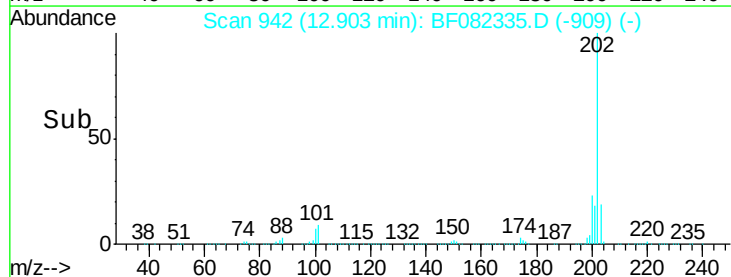
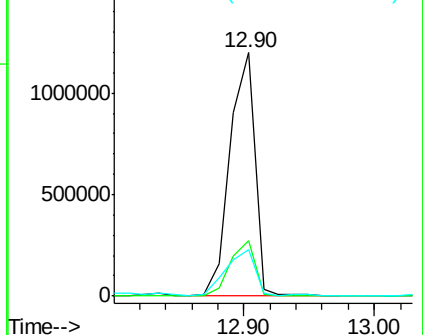
203 19.3 14.5 21.7

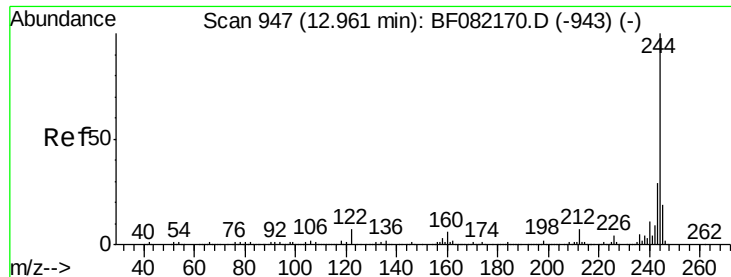


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

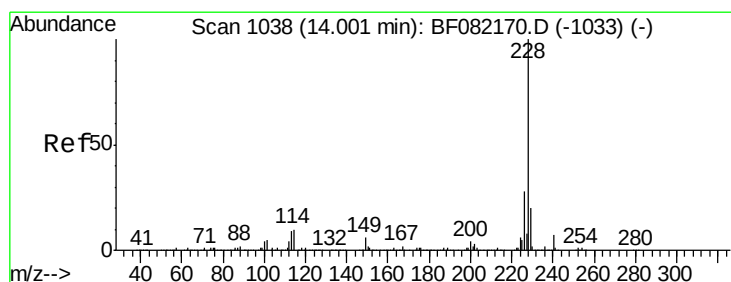
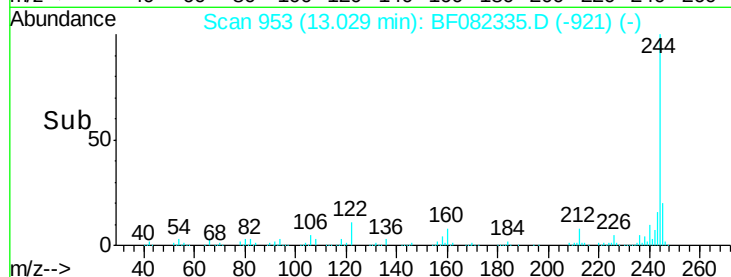
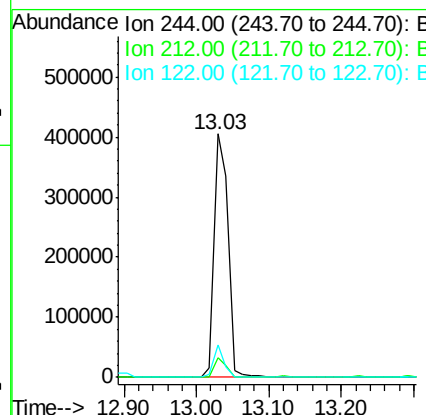
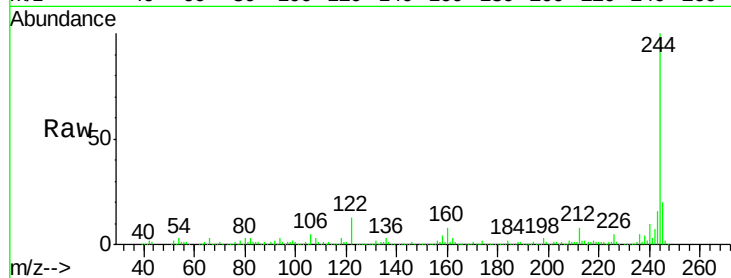




#78
 Terphenyl-d14
 Concen: 64.78 ng
 RT: 13.03 min Scan# 953
 Delta R.T. 0.07 min
 Lab File: BF082335.D
 Acq: 16 Oct 2015 19:44

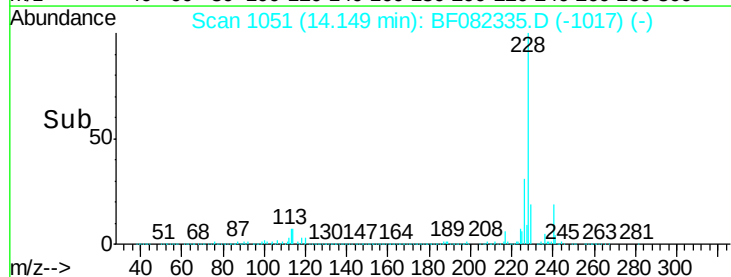
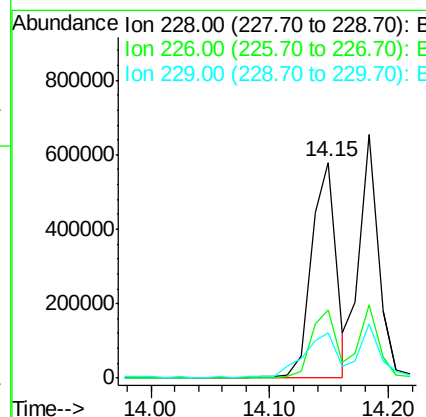
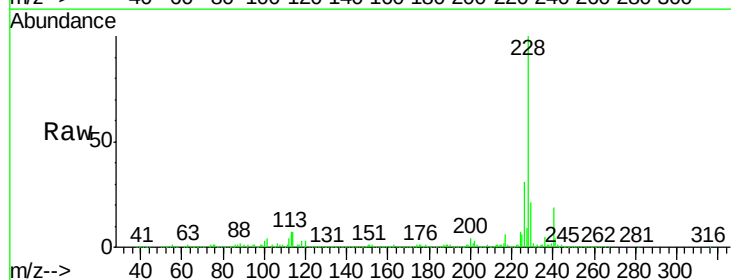
Instrument :
 BNA_F
 ClientSampleId :
 TK1-5-20151015

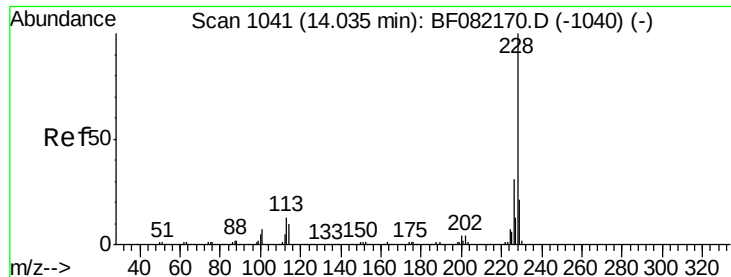
Tot Ion:244 Resp: 539830
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.6
 122 13.3 5.9 8.9#



#80
 Benzo(a)anthracene
 Concen: 72.64 ng
 RT: 14.15 min Scan# 1051
 Delta R.T. 0.09 min
 Lab File: BF082335.D
 Acq: 16 Oct 2015 19:44

Tgt Ion:228 Resp: 834550
 Ion Ratio Lower Upper
 228 100
 226 31.4 22.3 33.5
 229 20.7 16.2 24.2





#82

Chrysene

Concen: 60.67 ng

RT: 14.18 min Scan# 1054

Delta R.T. 0.09 min

Lab File: BF082335.D

Acq: 16 Oct 2015 19:44

Instrument :

BNA_F

ClientSampleId :

TK1-5-20151015

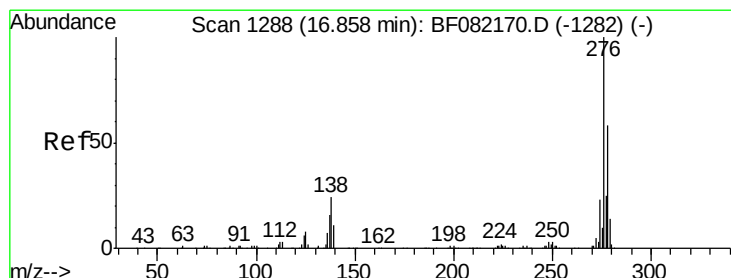
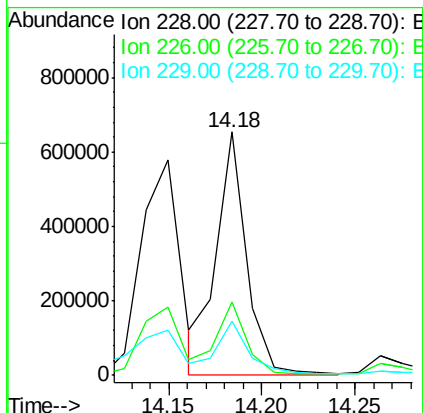
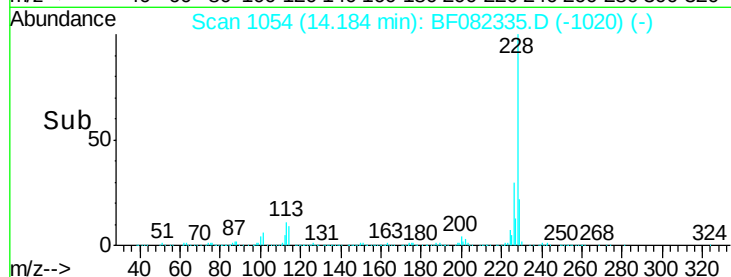
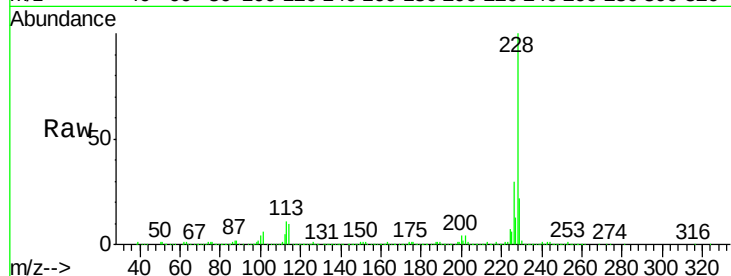
Tot Ion:228 Resp: 734522

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 22.5 16.3 24.5



#85

Indeno(1,2,3-cd)pyrene

Concen: 40.56 ng

RT: 17.22 min Scan# 1320

Delta R.T. 0.19 min

Lab File: BF082335.D

Acq: 16 Oct 2015 19:44

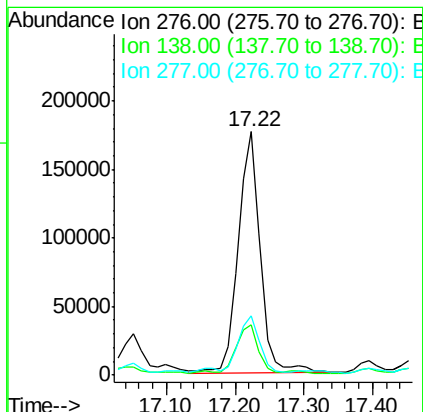
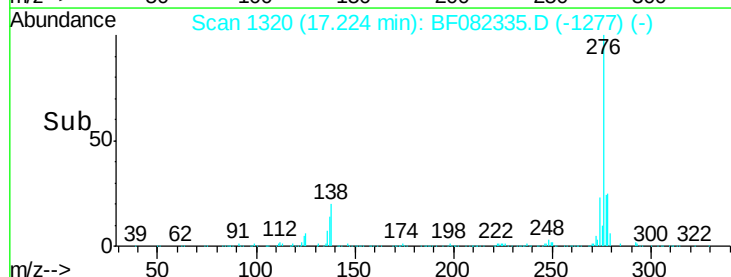
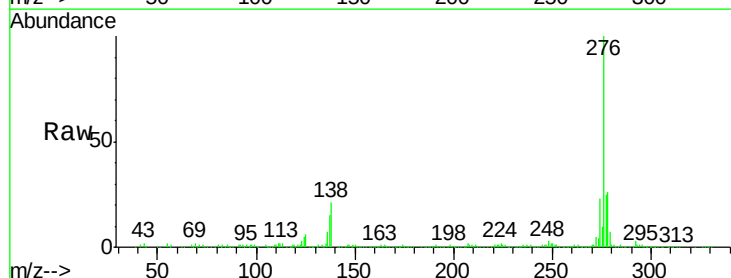
Tgt Ion:276 Resp: 390287

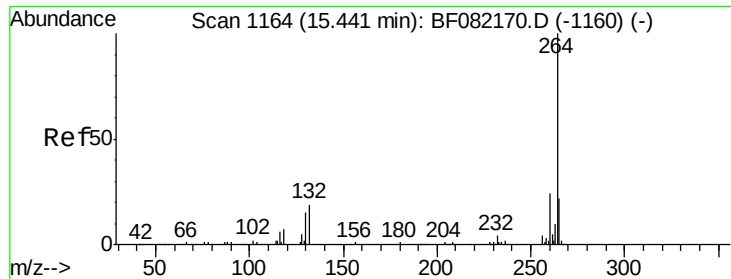
Ion Ratio Lower Upper

276 100

138 21.6 19.7 29.5

277 24.2 20.1 30.1

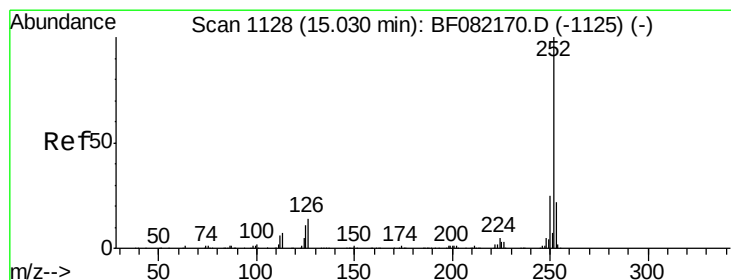
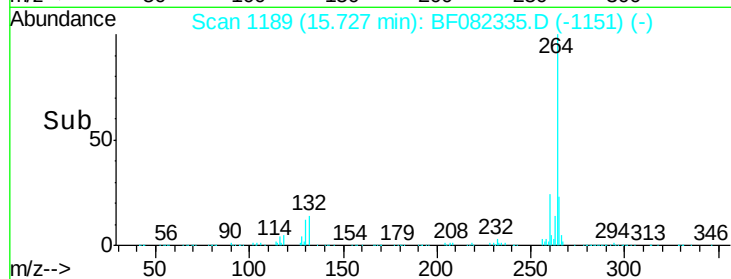
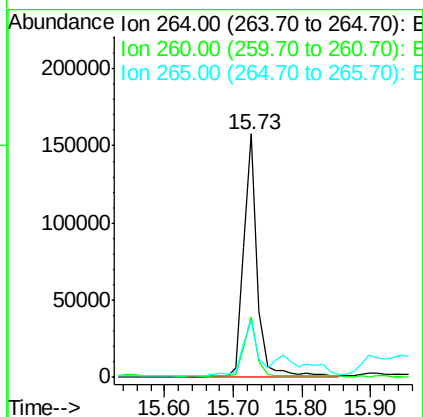
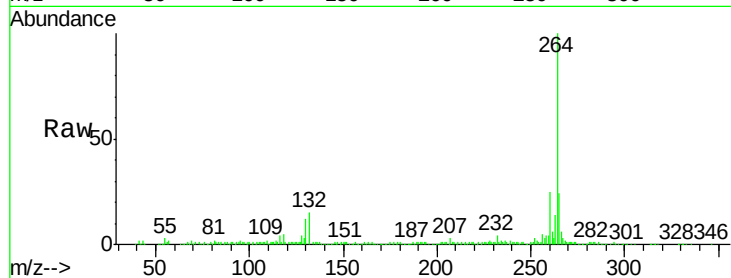




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.73 min Scan# 1189
 Delta R.T. 0.14 min
 Lab File: BF082335.D
 Acq: 16 Oct 2015 19:44

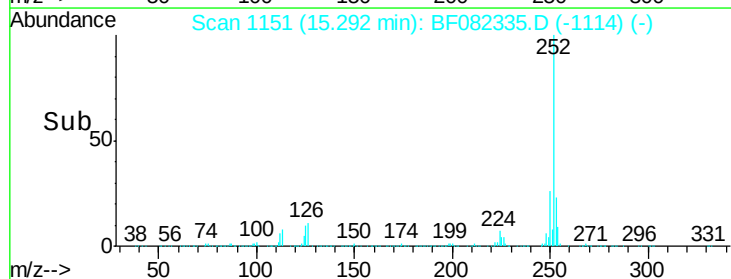
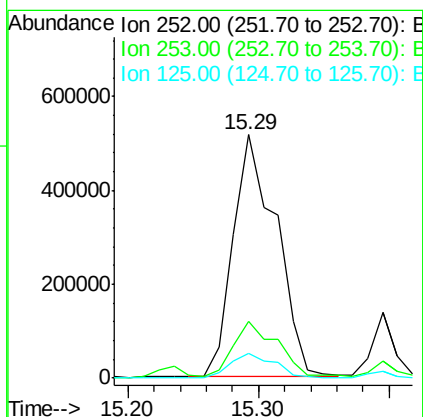
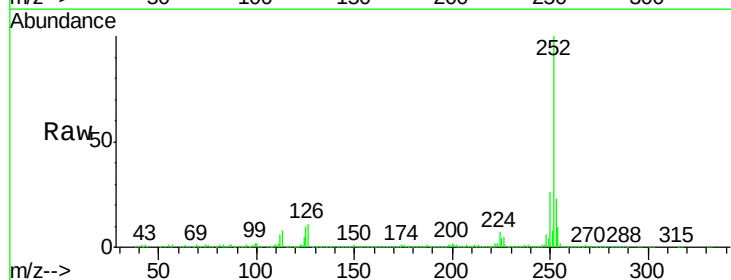
Instrument :
 BNA_F
 ClientSampleId :
 TK1-5-20151015

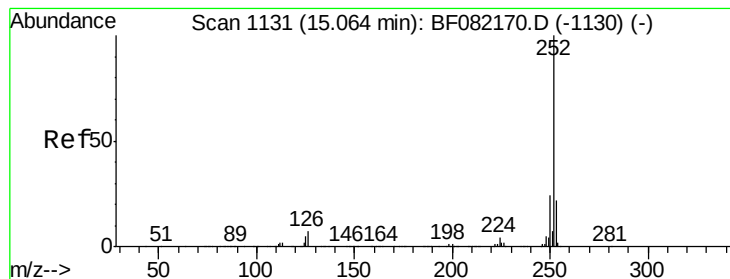
Tot Ion:264 Resp: 215660
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.0 28.6
 265 23.5 17.3 25.9



#87
 Benzo(b)fluoranthene
 Concen: 90.66 ng
 RT: 15.29 min Scan# 1151
 Delta R.T. 0.13 min
 Lab File: BF082335.D
 Acq: 16 Oct 2015 19:44

Tgt Ion:252 Resp: 1189504
 Ion Ratio Lower Upper
 252 100
 253 23.5 18.0 27.0
 125 10.3 8.6 12.8





#88

Benzo(k)fluoranthene

Concen: 107.86 ng

RT: 15.29 min Scan# 1151

Delta R.T. 0.09 min

Lab File: BF082335.D

Acq: 16 Oct 2015 19:44

Instrument :

BNA_F

ClientSampleId :

TK1-5-20151015

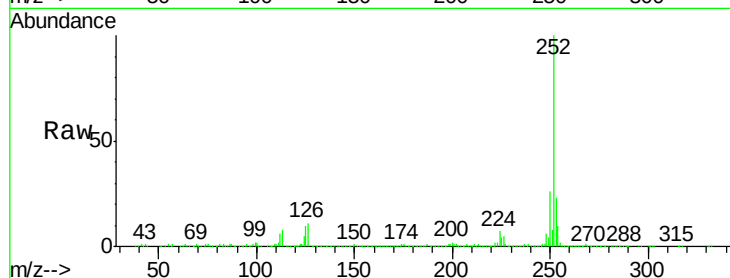
Tot Ion:252 Resp: 1189504

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.6

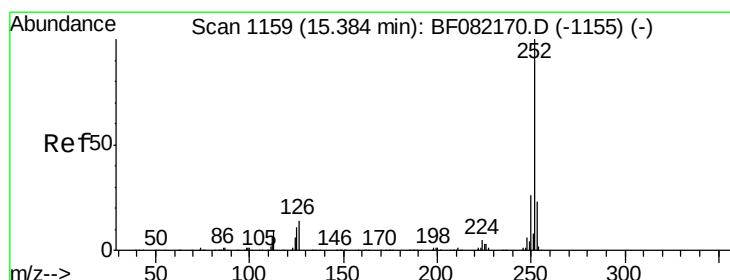
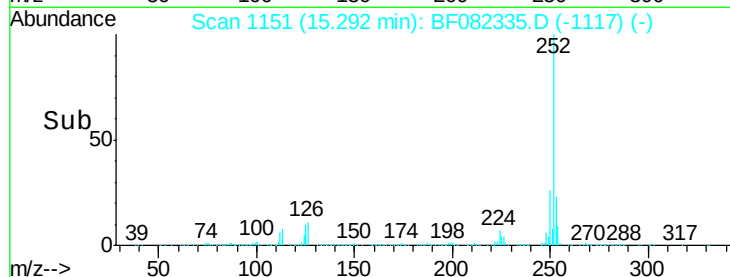
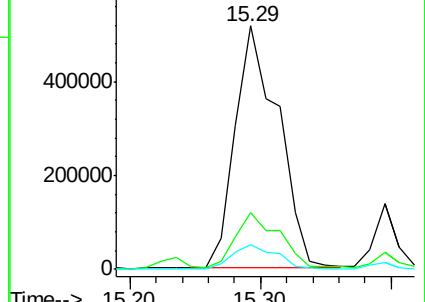
125 10.3 6.7 10.1#



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: 38.09 ng

RT: 15.60 min Scan# 1178

Delta R.T. 0.07 min

Lab File: BF082335.D

Acq: 16 Oct 2015 19:44

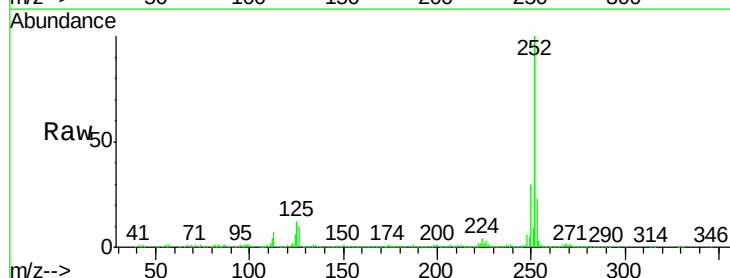
Tgt Ion:252 Resp: 429531

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

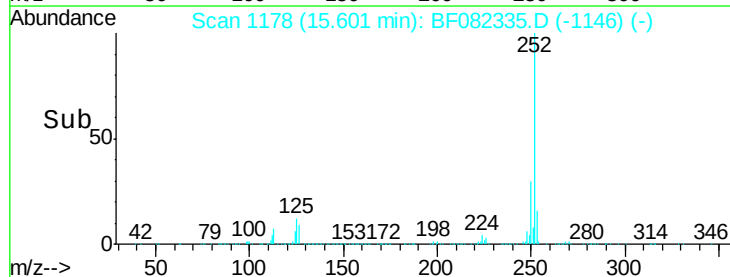
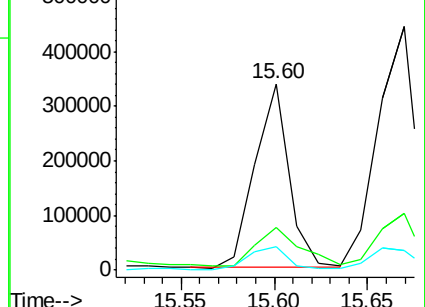
125 12.4 8.9 13.3

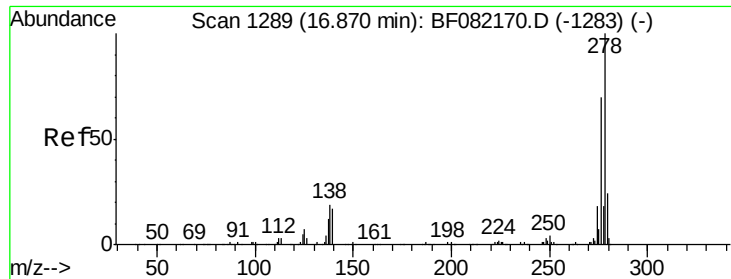


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

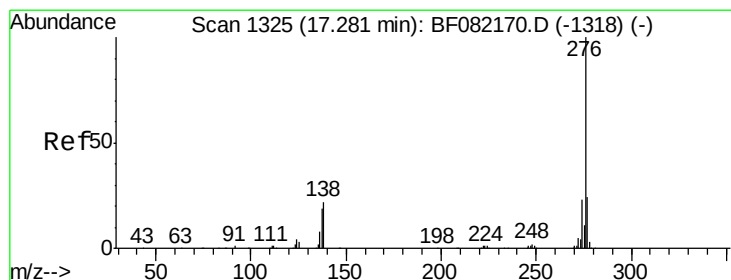
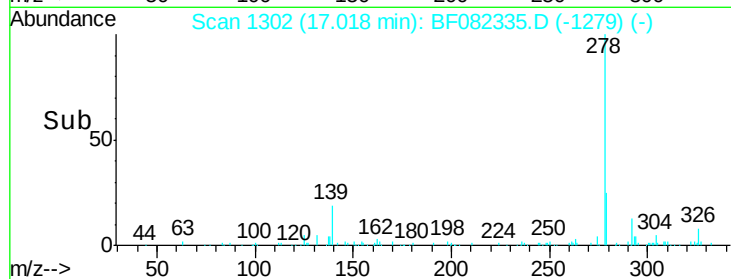
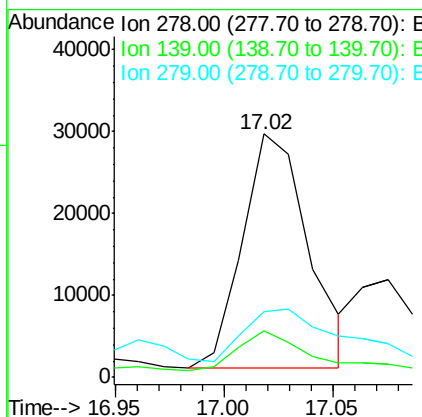
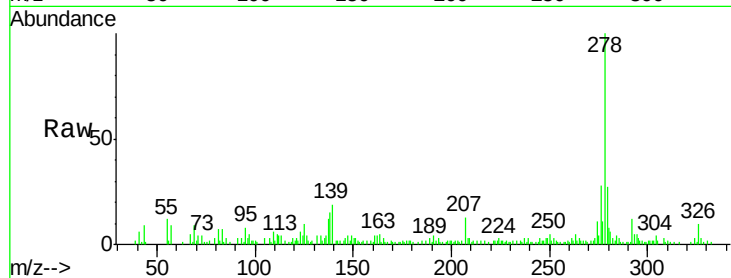




#90
Dibenzo(a,h)anthracene
Concen: 6.56 ng
RT: 17.02 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BF082335.D
Acq: 16 Oct 2015 19:44

Instrument :
BNA_F
ClientSampleId :
TK1-5-20151015

Tot Ion:278 Resp: 60635
Ion Ratio Lower Upper
278 100
139 19.3 13.3 19.9
279 27.2 18.9 28.3



#91
Benzo(g,h,i)perylene
Concen: 40.61 ng
RT: 17.67 min Scan# 1359
Delta R.T. 0.21 min
Lab File: BF082335.D
Acq: 16 Oct 2015 19:44

Tgt Ion:276 Resp: 364591
Ion Ratio Lower Upper
276 100
277 24.6 18.8 28.2
138 22.0 17.4 26.2

