

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
 Data File : BF082334.D
 Acq On : 16 Oct 2015 19:15
 Operator : UM/IZ
 Sample : G4051-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK1-DUP-20151015

Quant Time: Oct 17 01:15:39 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	202780	20.00	ng	0.24
21) Naphthalene-d8	8.21	136	259213	20.00	ng	0.08
38) Acenaphthene-d10	9.95	164	145002	20.00	ng	0.07
63) Phenanthrene-d10	11.44	188	275046	20.00	ng	0.07
75) Chrysene-d12	14.17	240	231630	20.00	ng	0.10
86) Perylene-d12	15.76	264	230034	20.00	ng	0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	396695	39.48	ng	0.10
7) Phenol-d6	6.56	99	552136	42.23	ng	0.08
23) Nitrobenzene-d5	7.49	82	327370	84.81	ng	0.07
41) 2,4,6-Tribromophenol	10.74	330	165242	121.51	ng	0.06
44) 2-Fluorobiphenyl	9.28	172	705772	80.72	ng	0.07
78) Terphenyl-d14	13.04	244	722062	82.61	ng	0.08
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.49	70	45187	4.92	ng	# 80
25) Isophorone	7.49	82	327364	42.02	ng	# 66
31) Naphthalene	8.23	128	64816	5.77	ng	98
37) 2-Methylnaphthalene	8.91	142	28115	3.61	ng	98
48) Acenaphthylene	9.82	152	206837	15.25	ng	98
49) Dimethylphthalate	9.67	163	189143	18.52	ng	99
51) Acenaphthene	9.99	154	60813	7.47	ng	99
54) Dibenzofuran	10.16	168	85685	7.67	ng	95
55) 4-Nitrophenol	10.16	139	30190	24.37	ng	# 13
57) Fluorene	10.50	166	91289	9.95	ng	99
66) 4-Bromophenyl-phenylether	10.74	248	10849	3.94	ng	# 1
70) Phenanthrene	11.47	178	1655045	122.76	ng	97
71) Anthracene	11.52	178	412767	29.71	ng	99
72) Carbazole	11.68	167	200477	15.82	ng	98
74) Fluoranthene	12.68	202	2181947	150.69	ng	97
77) Pyrene	12.90	202	1789760	130.20	ng	98
80) Benzo(a)anthracene	14.15	228	994813	82.54	ng	95
82) Chrysene	14.20	228	879370	69.25	ng	97
83) Bis(2-ethylhexyl)phthalate	14.14	149	24844	2.78	ng	# 92
85) Indeno(1,2,3-cd)pyrene	17.09	276	97536	9.66	ng	91
87) Benzo(b)fluoranthene	15.33	252	1480815	105.81	ng	98
88) Benzo(k)fluoranthene	15.33	252	1480815	125.88	ng	# 96
89) Benzo(a)pyrene	15.64	252	543984	45.23	ng	97
90) Dibenzo(a,h)anthracene	17.05	278	72153	7.32	ng	93
91) Benzo(g,h,i)perylene	17.72	276	452772	47.29	ng	98

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

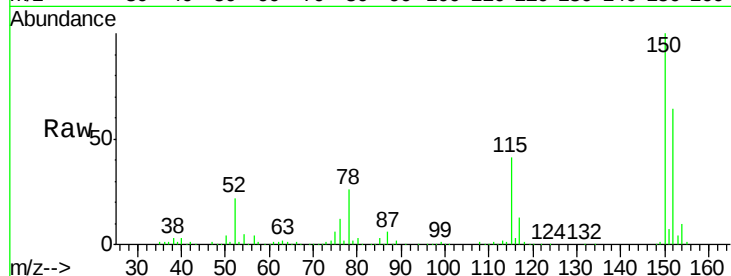


#1

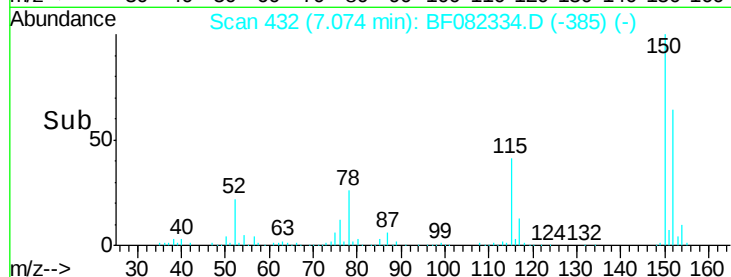
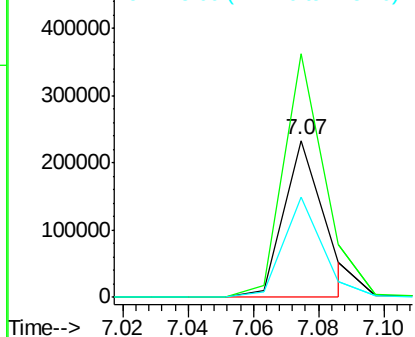
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 432
Delta R.T. 0.24 min
Lab File: BF082334.D
Acq: 16 Oct 2015 19:15

Instrument :
BNA_F
ClientSampleId :
TK1-DUP-20151015

Tot Ion:152 Resp: 202780
Ion Ratio Lower Upper
152 100
150 155.3 129.0 193.4
115 64.0 52.1 78.1



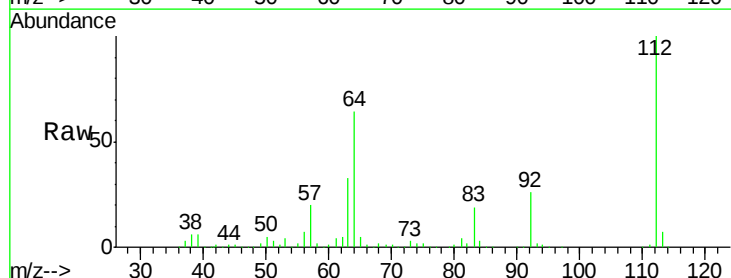
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



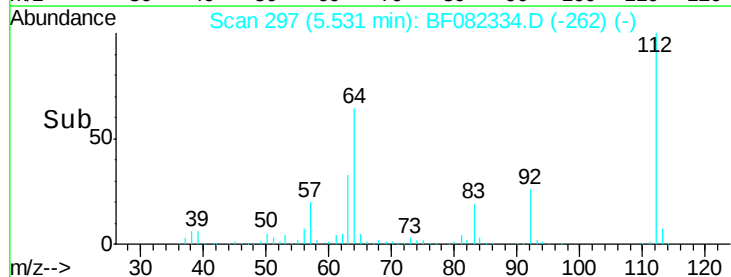
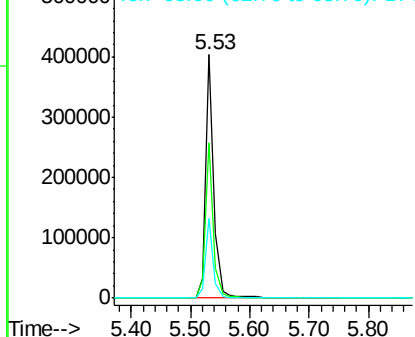
#5

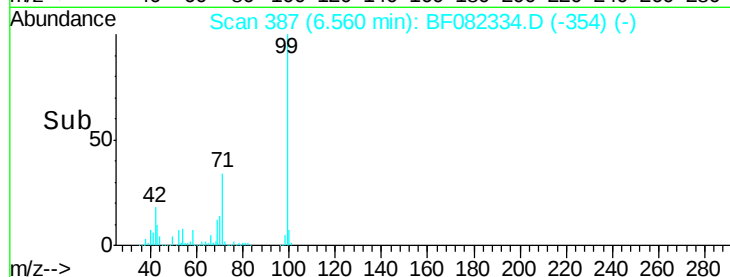
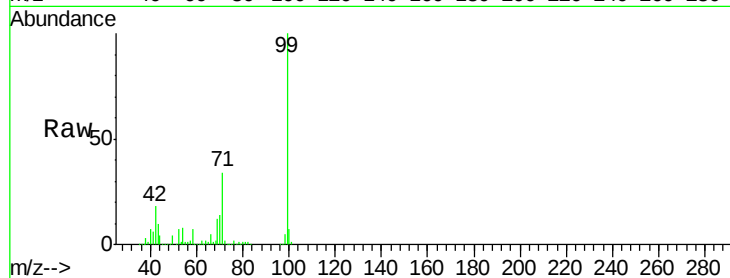
2-Fluorophenol
Concen: 39.48 ng
RT: 5.53 min Scan# 297
Delta R.T. 0.10 min
Lab File: BF082334.D
Acq: 16 Oct 2015 19:15

Tgt Ion:112 Resp: 396695
Ion Ratio Lower Upper
112 100
64 63.5 48.6 73.0
63 33.0 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: 42.23 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.08 min

Lab File: BF082334.D

Acq: 16 Oct 2015 19:15

Instrument :

BNA_F

ClientSampleId :

TK1-DUP-20151015

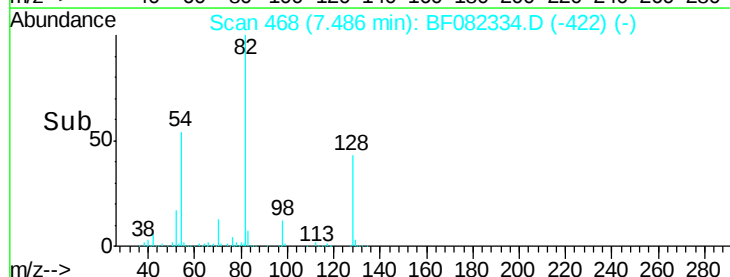
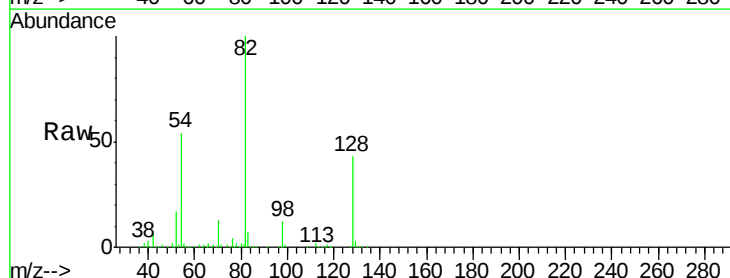
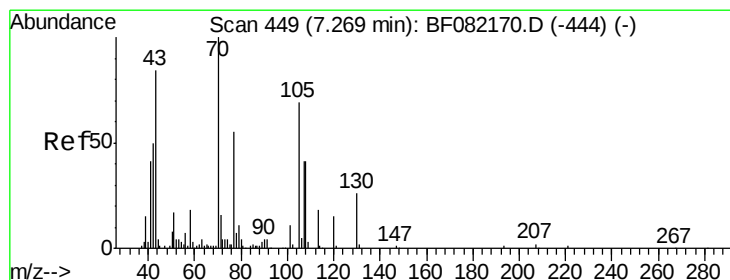
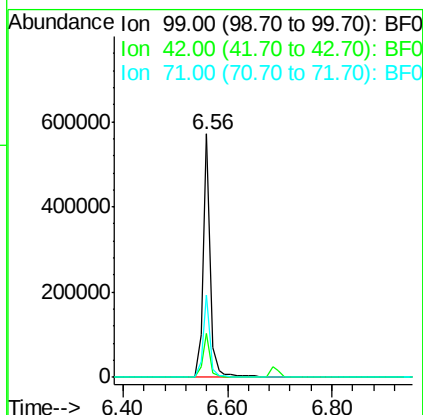
Tot Ion: 99 Resp: 552136

Ion Ratio Lower Upper

99 100

42 17.9 13.2 19.8

71 33.7 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.92 ng

RT: 7.49 min Scan# 468

Delta R.T. 0.23 min

Lab File: BF082334.D

Acq: 16 Oct 2015 19:15

Tgt Ion: 70 Resp: 45187

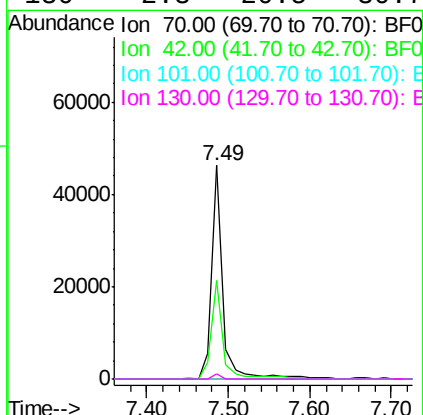
Ion Ratio Lower Upper

70 100

42 46.4 39.8 59.8

101 0.0 8.6 13.0#

130 2.3 20.5 30.7#

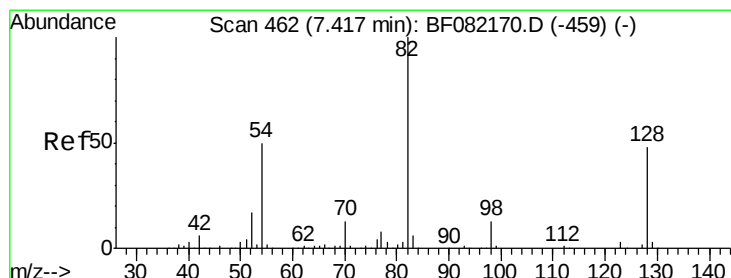
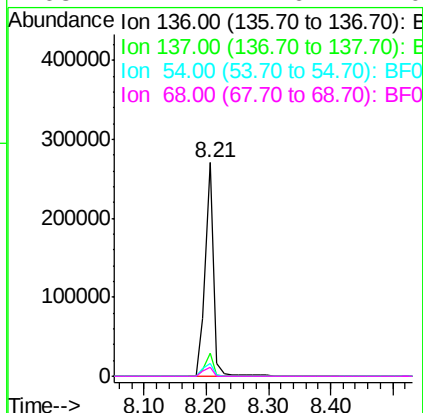
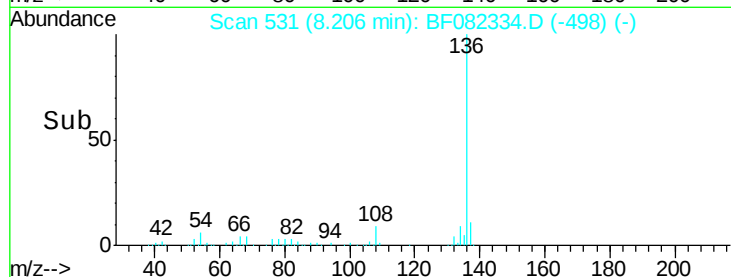
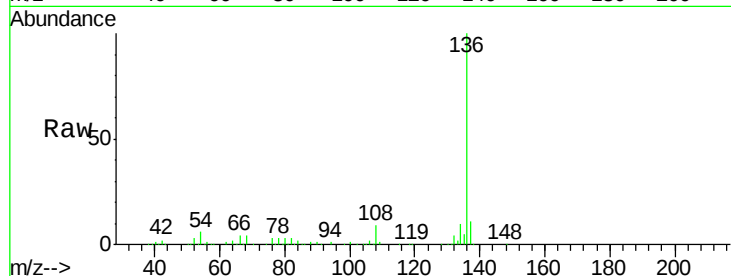




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 531
Delta R.T. 0.08 min
Lab File: BF082334.D
Acq: 16 Oct 2015 19:15

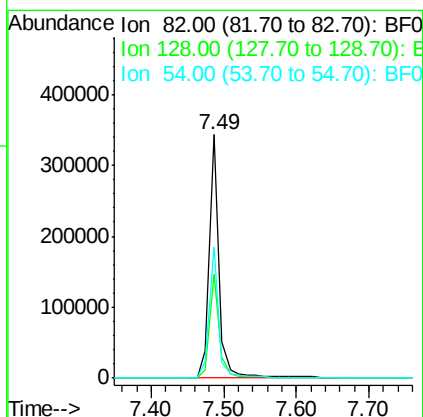
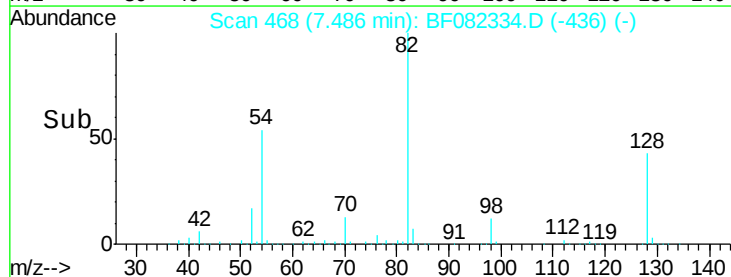
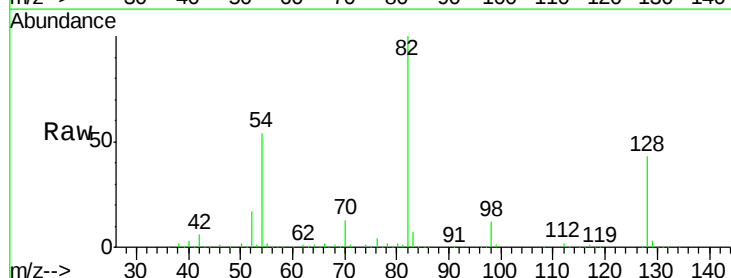
Instrument :
BNA_F
ClientSampleId :
TK1-DUP-20151015

Tot Ion:136	Resp:	259213
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.0 13.6
54	6.2	7.5 11.3#
68	4.2	4.6 7.0#



#23
Nitrobenzene-d5
Concen: 84.81 ng
RT: 7.49 min Scan# 468
Delta R.T. 0.07 min
Lab File: BF082334.D
Acq: 16 Oct 2015 19:15

Tgt Ion: 82	Resp:	327370
Ion Ratio	Lower	Upper
82	100	
128	42.7	38.7 58.1
54	53.8	40.1 60.1





#25

Isophorone

Concen: 42.02 ng

RT: 7.49 min Scan# 468

Delta R.T. -0.18 min

Lab File: BF082334.D

Acq: 16 Oct 2015 19:15

Instrument :

BNA_F

ClientSampleId :

TK1-DUP-20151015

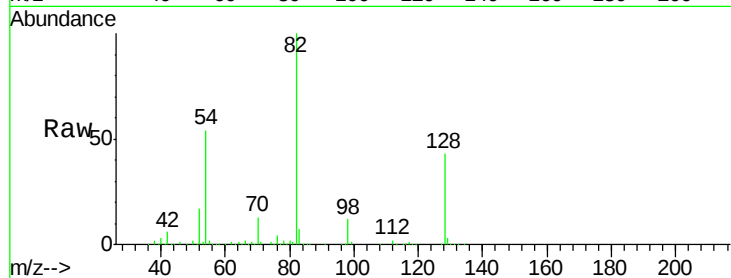
Tot Ion: 82 Resp: 327364

Ion Ratio Lower Upper

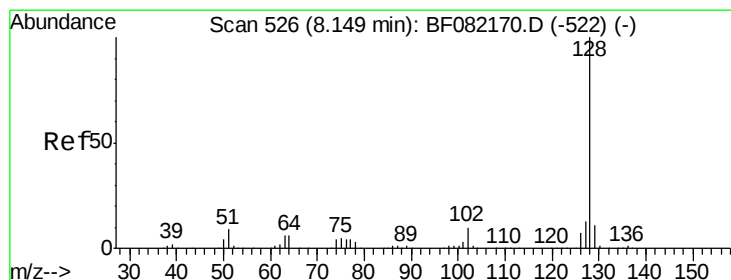
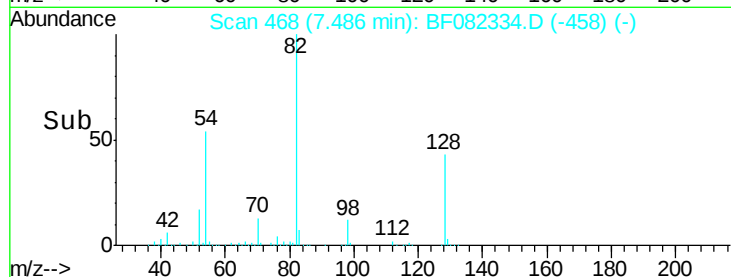
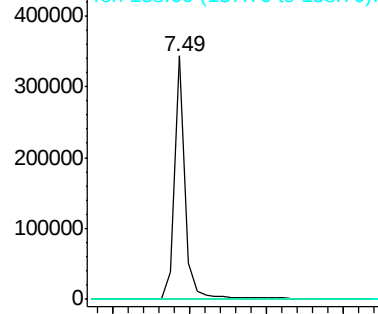
82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#



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



#31

Naphthalene

Concen: 5.77 ng

RT: 8.23 min Scan# 533

Delta R.T. 0.08 min

Lab File: BF082334.D

Acq: 16 Oct 2015 19:15

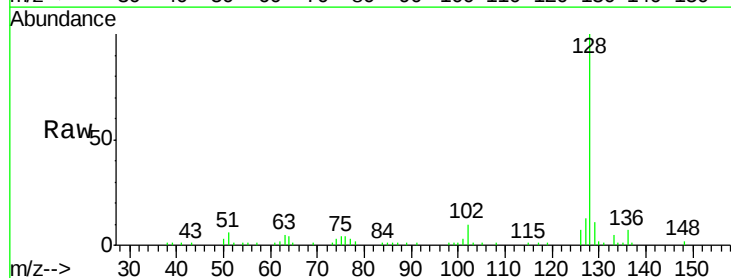
Tgt Ion: 128 Resp: 64816

Ion Ratio Lower Upper

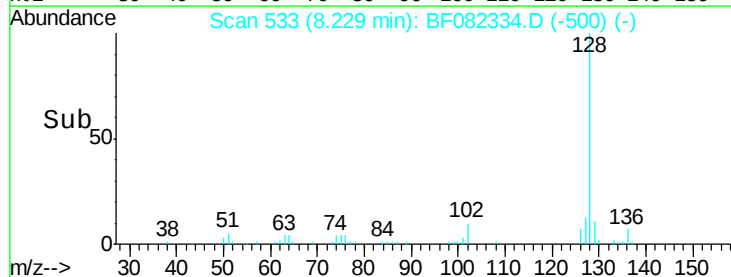
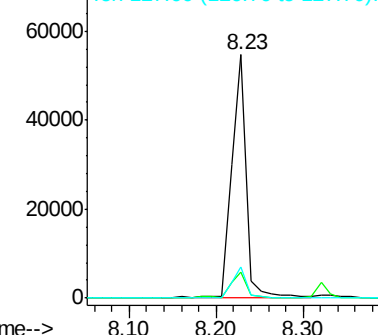
128 100

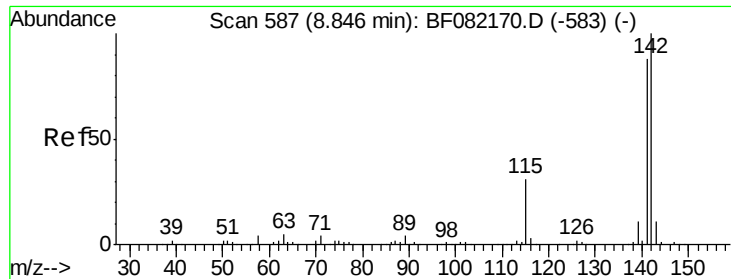
129 10.5 9.1 13.7

127 12.7 10.7 16.1



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

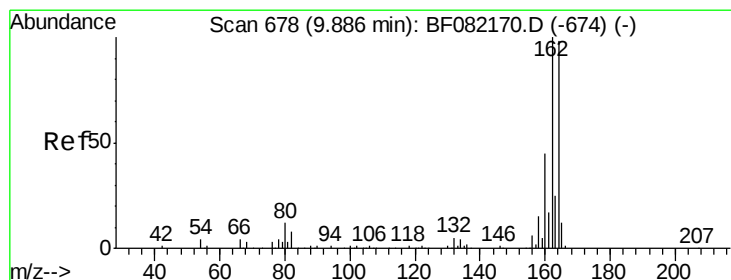
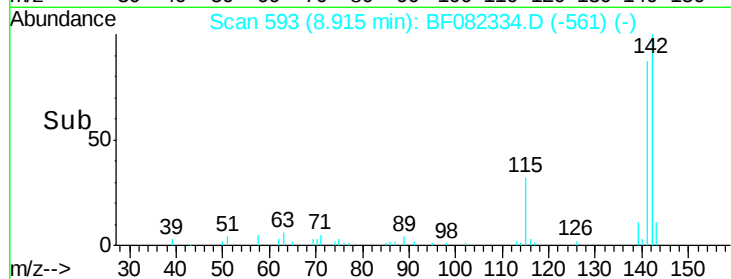
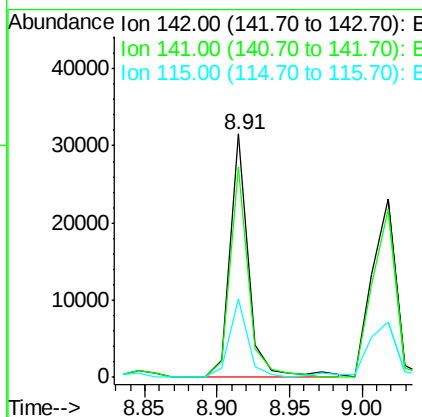
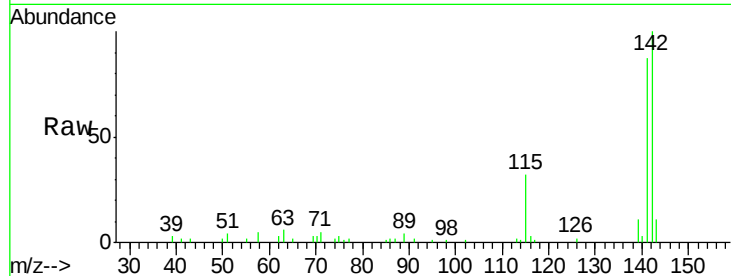




#37
2-Methylnaphthalene
Concen: 3.61 ng
RT: 8.91 min Scan# 593
Delta R.T. 0.07 min
Lab File: BF082334.D
Acq: 16 Oct 2015 19:15

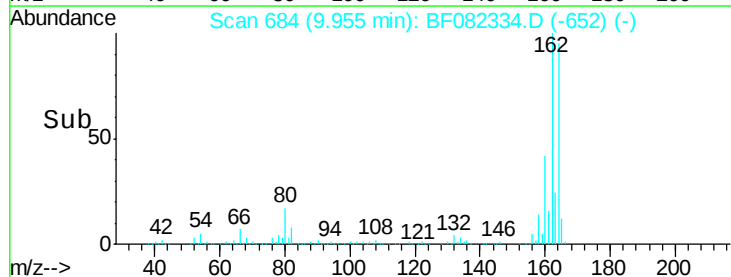
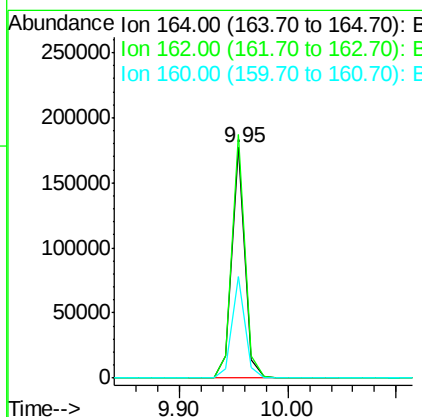
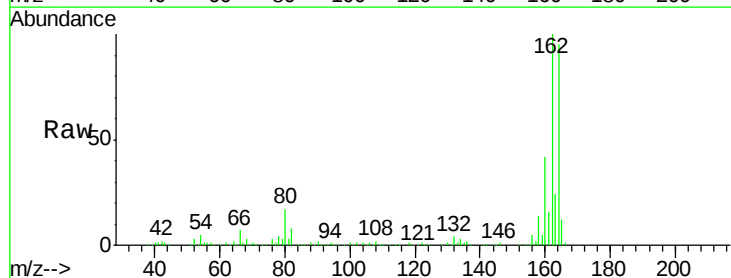
Instrument :
BNA_F
ClientSampleId :
TK1-DUP-20151015

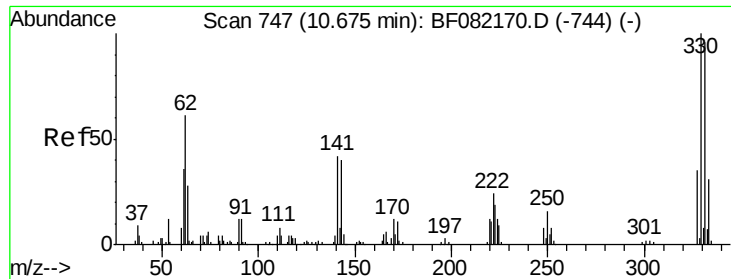
Tot Ion:142 Resp: 28115
Ion Ratio Lower Upper
142 100
141 86.6 70.4 105.6
115 32.1 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.07 min
Lab File: BF082334.D
Acq: 16 Oct 2015 19:15

Tgt Ion:164 Resp: 145002
Ion Ratio Lower Upper
164 100
162 105.6 81.6 122.4
160 44.3 36.4 54.6

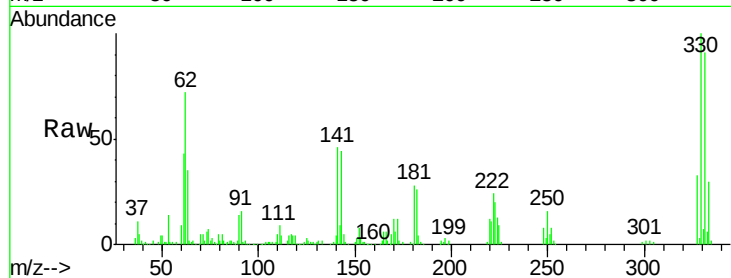




#41
 2,4,6-Tribromophenol
 Concen: 121.51 ng
 RT: 10.74 min Scan# 753
 Delta R.T. 0.06 min
 Lab File: BF082334.D
 Acq: 16 Oct 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 TK1-DUP-20151015

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.9	77.1	115.7
141	36.6	29.8	44.8

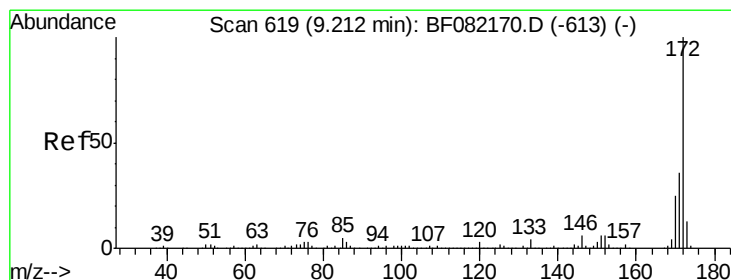
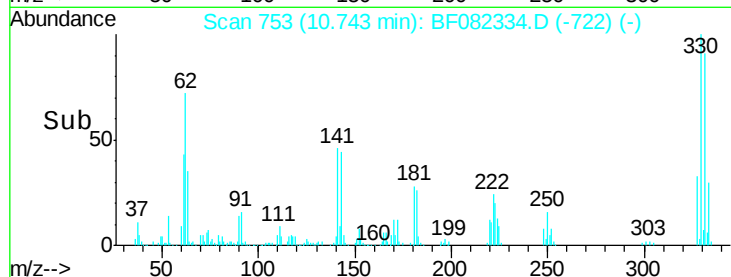
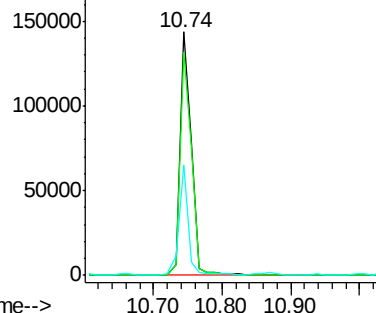


Abundance

Ion 329.80 (329.50 to 330.50): E

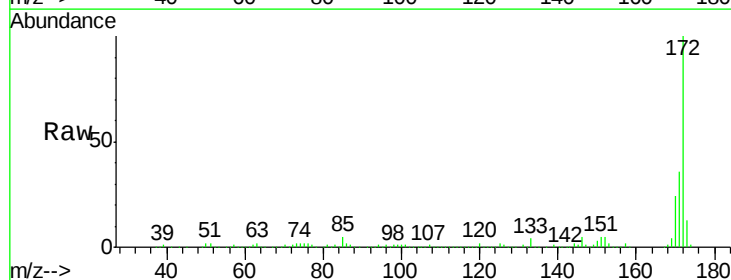
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.72 ng
 RT: 9.28 min Scan# 625
 Delta R.T. 0.07 min
 Lab File: BF082334.D
 Acq: 16 Oct 2015 19:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	24.3	19.7	29.5

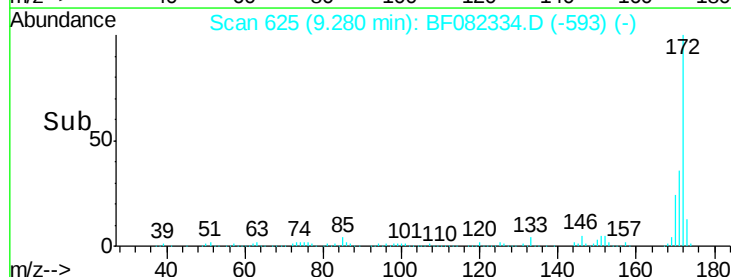
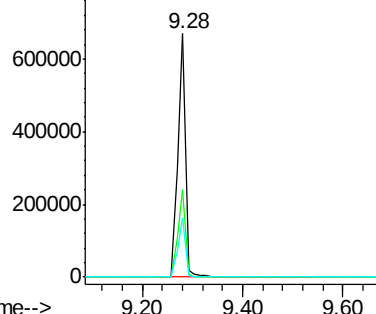


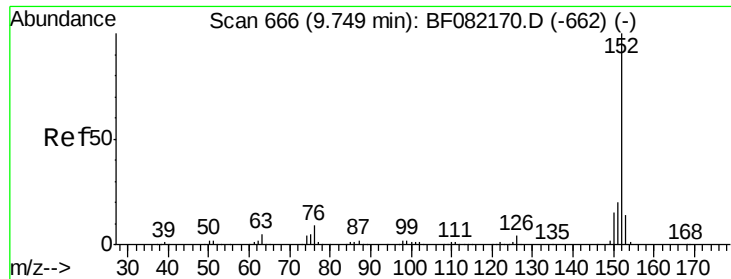
Abundance

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: 15.25 ng

RT: 9.82 min Scan# 672

Delta R.T. 0.07 min

Lab File: BF082334.D

Acq: 16 Oct 2015 19:15

Instrument :

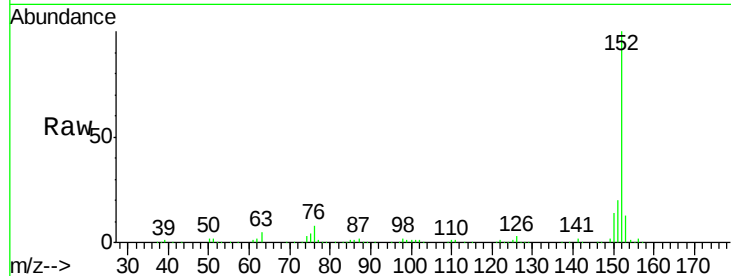
BNA_F

ClientSampleId :

TK1-DUP-20151015

Tot Ion:152 Resp: 206837

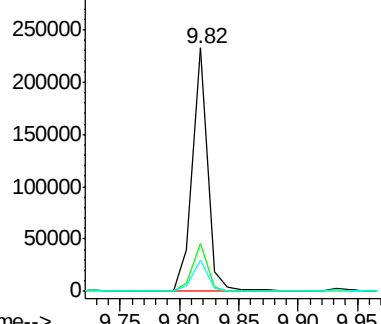
Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.4	24.6
153	12.8	10.8	16.2



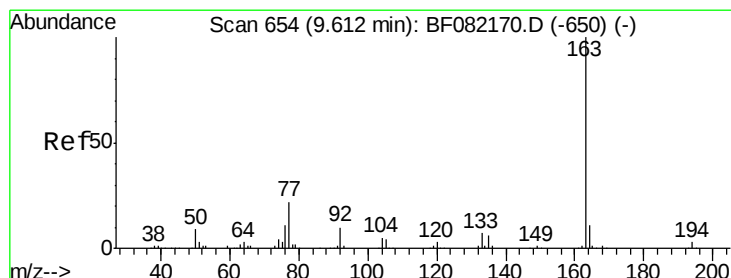
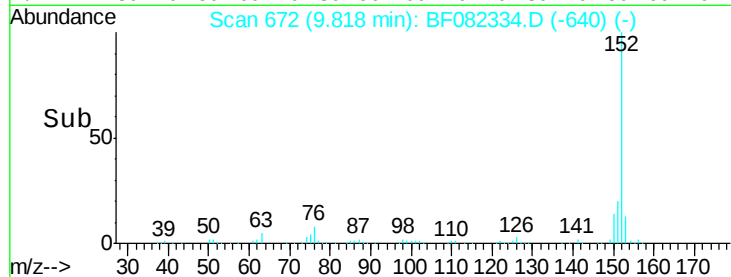
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#49

Dimethylphthalate

Concen: 18.52 ng

RT: 9.67 min Scan# 659

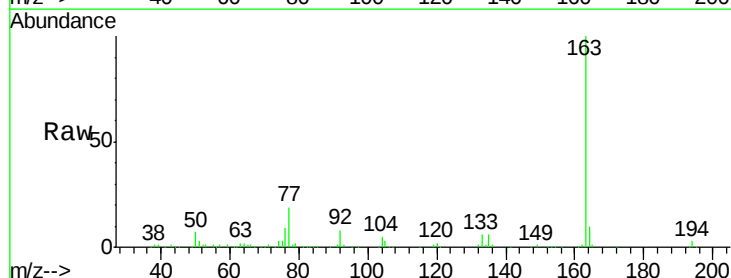
Delta R.T. 0.06 min

Lab File: BF082334.D

Acq: 16 Oct 2015 19:15

Tgt Ion:163 Resp: 189143

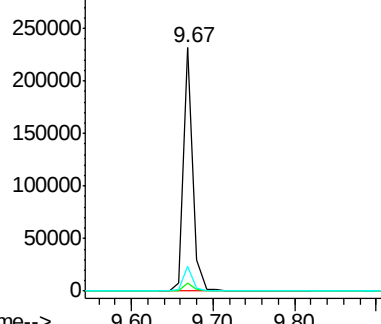
Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.2	8.5	12.7



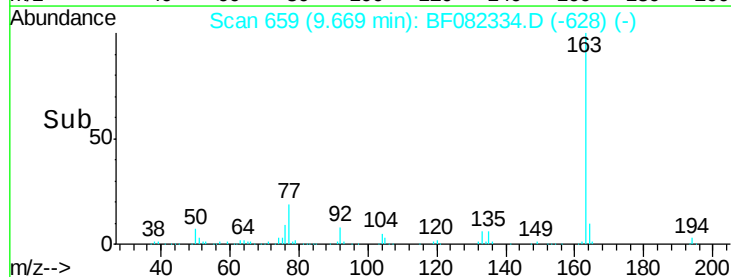
Abundance Ion 163.00 (162.70 to 163.70): E

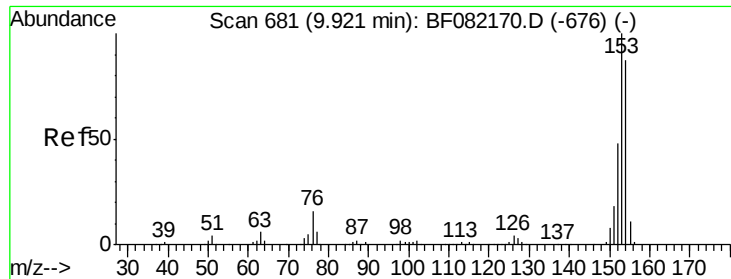
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->





#51

Acenaphthene

Concen: 7.47 ng

RT: 9.99 min Scan# 687

Delta R.T. 0.07 min

Lab File: BF082334.D

Acq: 16 Oct 2015 19:15

Instrument :

BNA_F

ClientSampleId :

TK1-DUP-20151015

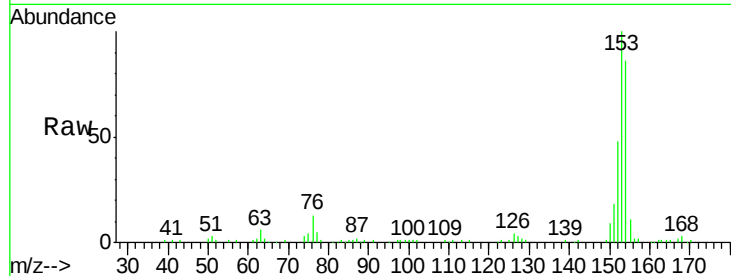
Tot Ion:154 Resp: 60813

Ion Ratio Lower Upper

154 100

153 115.9 91.4 137.2

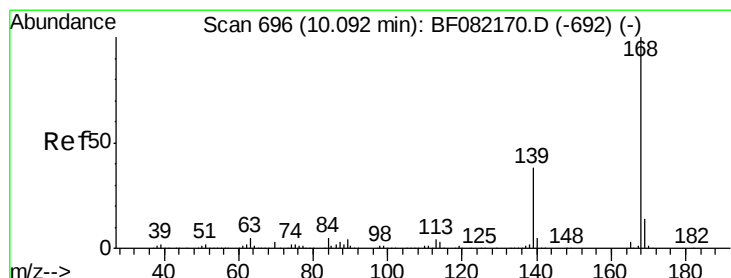
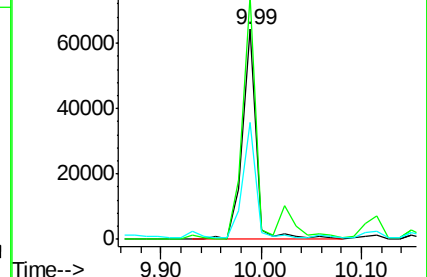
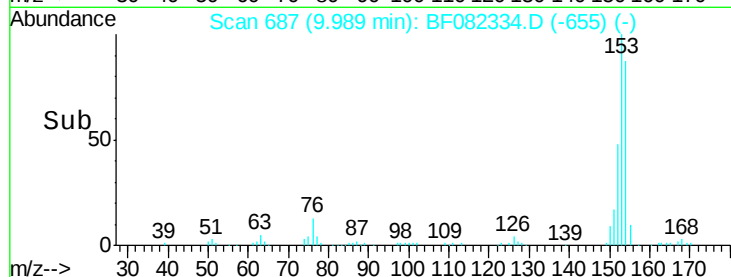
152 55.9 44.3 66.5



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: 7.67 ng

RT: 10.16 min Scan# 702

Delta R.T. 0.07 min

Lab File: BF082334.D

Acq: 16 Oct 2015 19:15

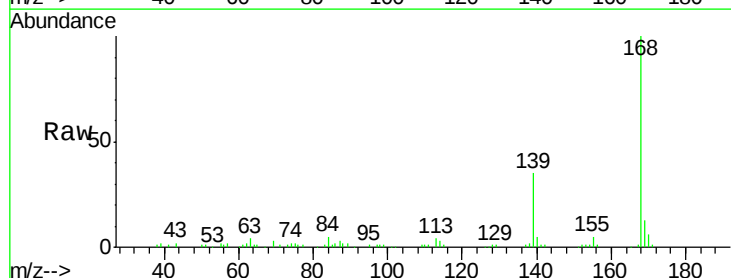
Tgt Ion:168 Resp: 85685

Ion Ratio Lower Upper

168 100

139 34.7 31.0 46.6

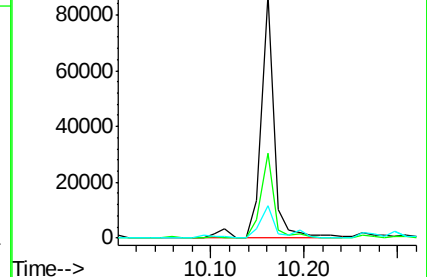
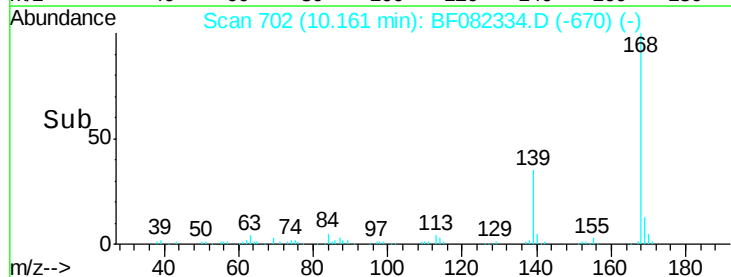
169 13.3 10.9 16.3

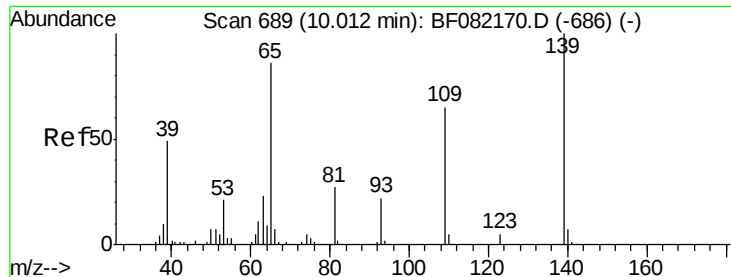


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 24.37 ng

RT: 10.16 min Scan# 702

Delta R.T. 0.14 min

Lab File: BF082334.D

Acq: 16 Oct 2015 19:15

Instrument :

BNA_F

ClientSampleId :

TK1-DUP-20151015

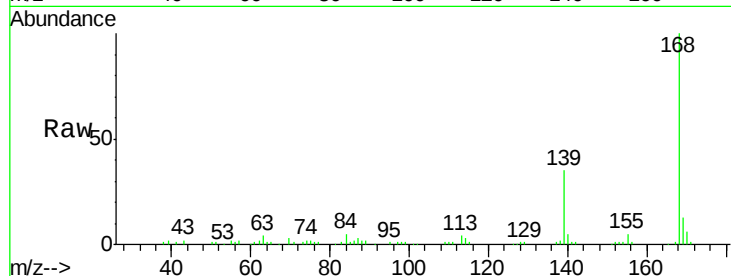
Tot Ion:139 Resp: 30190

Ion Ratio Lower Upper

139 100

109 1.8 44.8 84.8#

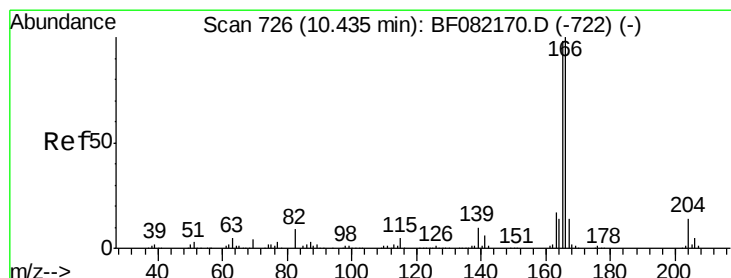
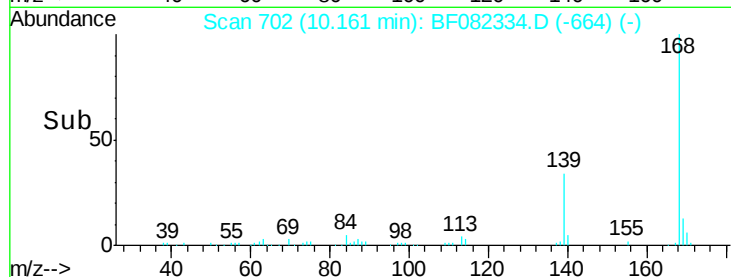
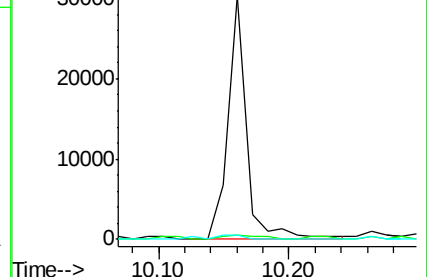
65 1.7 67.7 107.7#



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: 9.95 ng

RT: 10.50 min Scan# 732

Delta R.T. 0.07 min

Lab File: BF082334.D

Acq: 16 Oct 2015 19:15

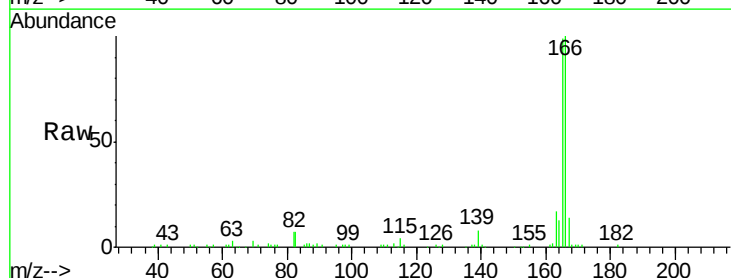
Tgt Ion:166 Resp: 91289

Ion Ratio Lower Upper

166 100

165 98.8 78.3 117.5

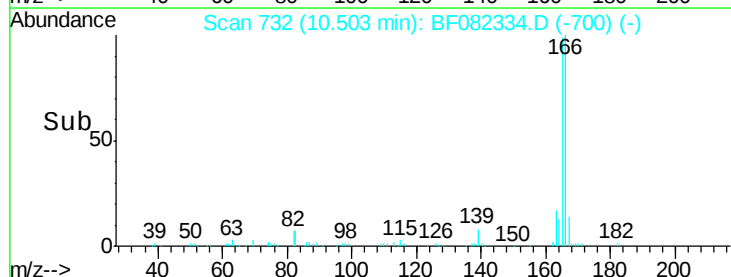
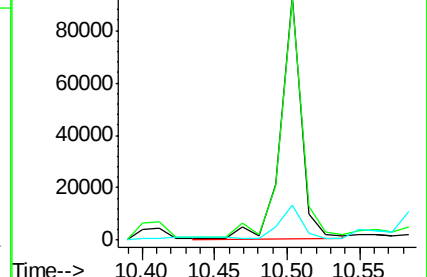
167 14.3 10.8 16.2

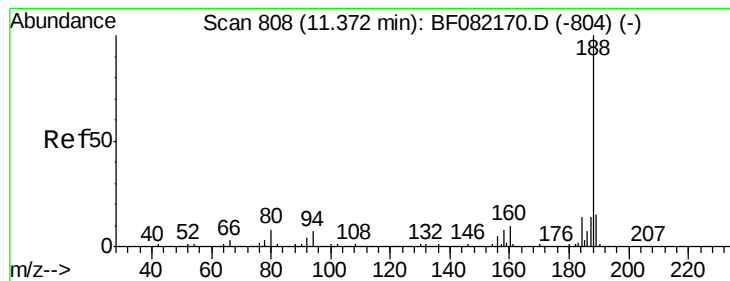


Abundance Ion 166.00 (165.70 to 166.70): E

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: BF082334.D

Acq: 16 Oct 2015 19:15

Instrument :

BNA_F

ClientSampleId :

TK1-DUP-20151015

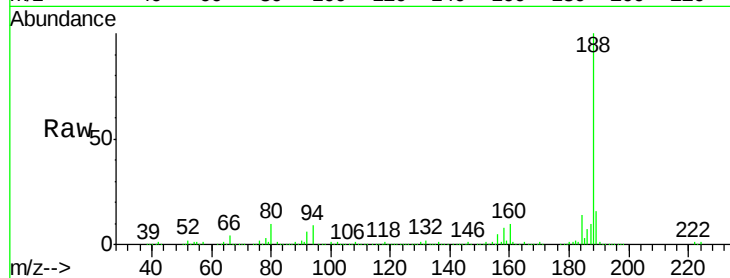
Tot Ion:188 Resp: 275046

Ion Ratio Lower Upper

188 100

94 9.0 5.8 8.6#

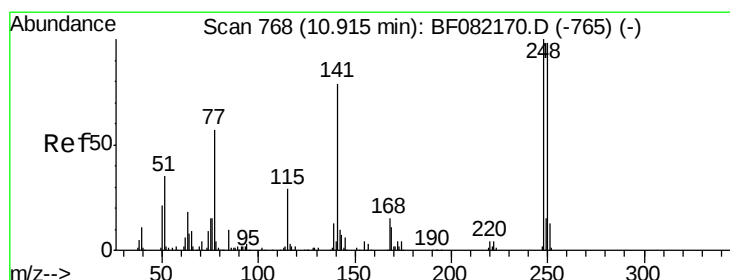
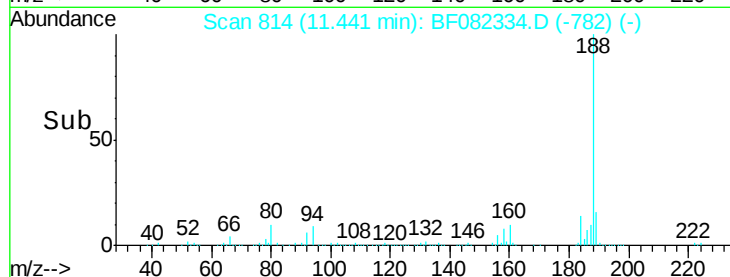
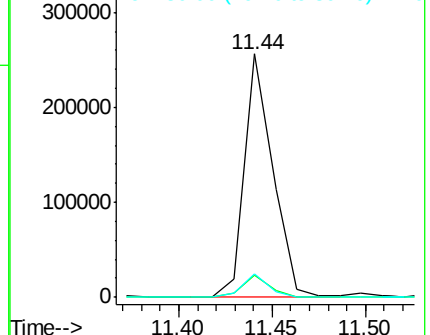
80 9.9 6.4 9.6#



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: 3.94 ng

RT: 10.74 min Scan# 753

Delta R.T. -0.17 min

Lab File: BF082334.D

Acq: 16 Oct 2015 19:15

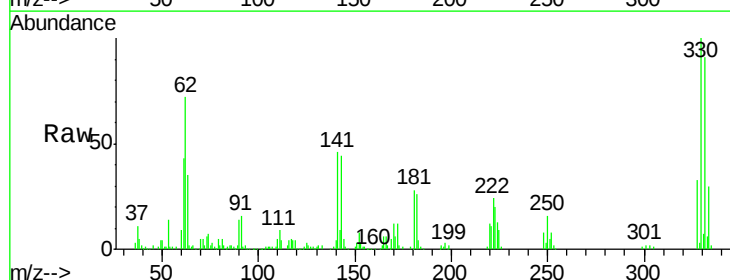
Tgt Ion:248 Resp: 10849

Ion Ratio Lower Upper

248 100

250 200.3 78.6 117.8#

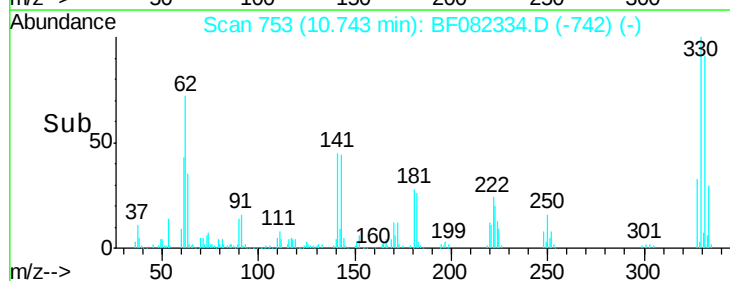
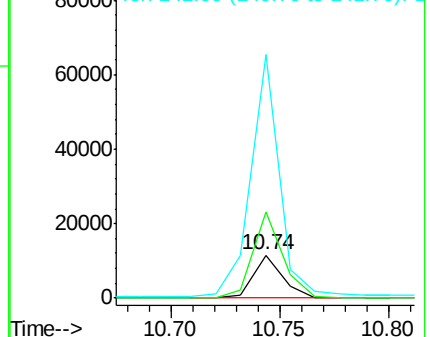
141 566.7 63.3 94.9#

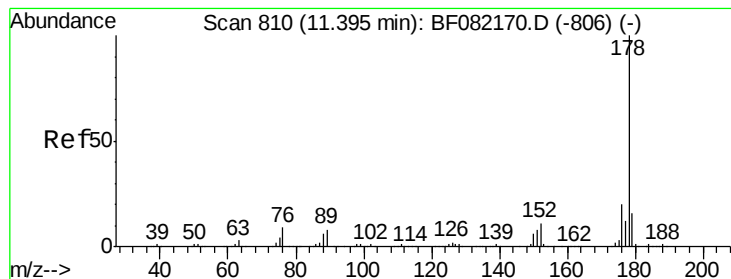


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 122.76 ng

RT: 11.47 min Scan# 817

Delta R.T. 0.08 min

Lab File: BF082334.D

Acq: 16 Oct 2015 19:15

Instrument :

BNA_F

ClientSampleId :

TK1-DUP-20151015

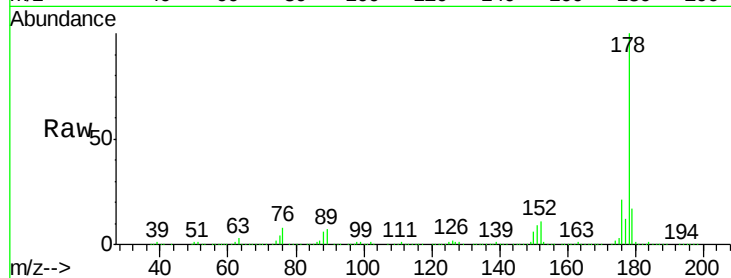
Tot Ion:178 Resp: 1655045

Ion Ratio Lower Upper

178 100

176 21.4 16.0 24.0

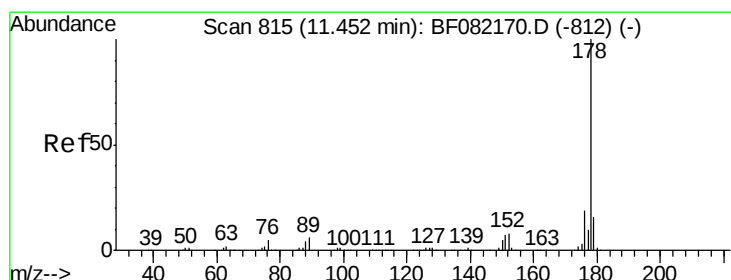
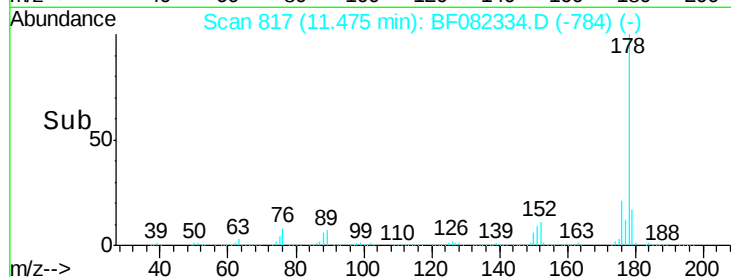
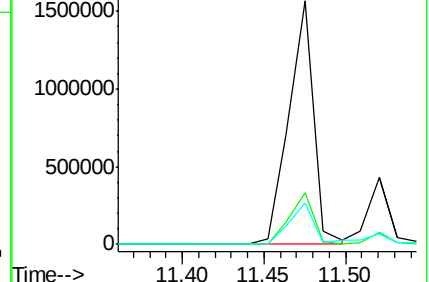
179 16.8 12.6 19.0



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: 29.71 ng

RT: 11.52 min Scan# 821

Delta R.T. 0.07 min

Lab File: BF082334.D

Acq: 16 Oct 2015 19:15

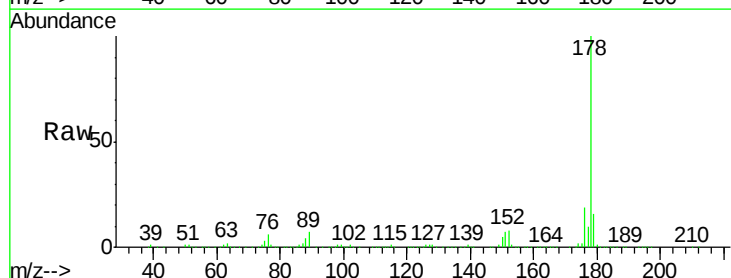
Tgt Ion:178 Resp: 412767

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.0

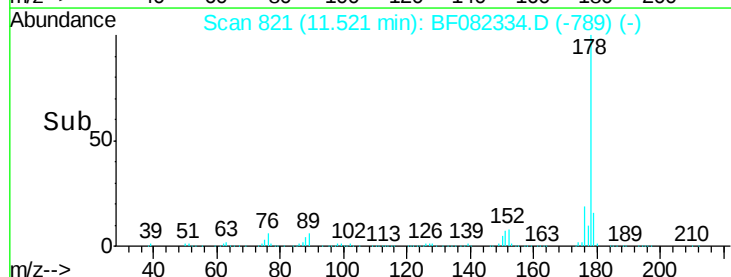
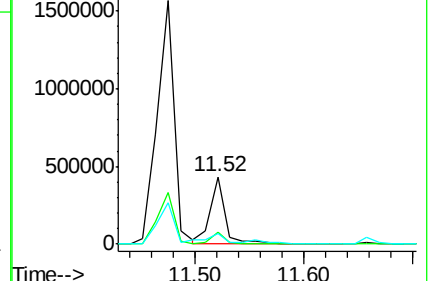
179 16.0 12.5 18.7

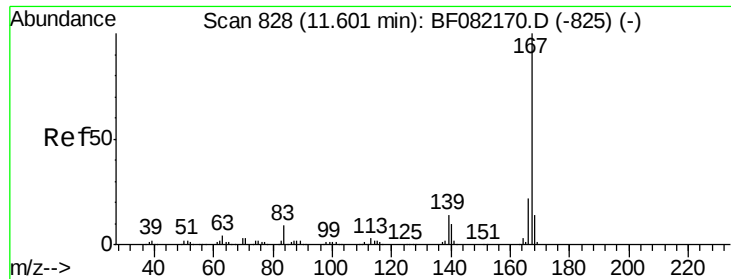


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 15.82 ng

RT: 11.68 min Scan# 835

Delta R.T. 0.07 min

Lab File: BF082334.D

Acq: 16 Oct 2015 19:15

Instrument :

BNA_F

ClientSampleId :

TK1-DUP-20151015

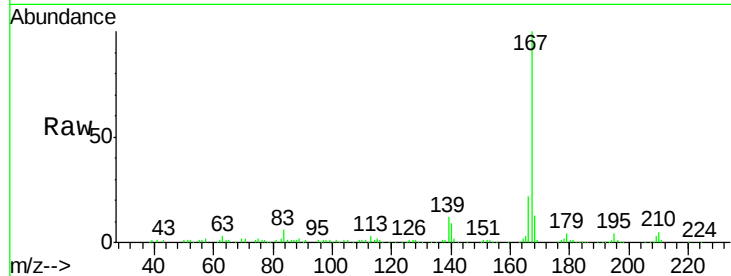
Tot Ion:167 Resp: 200477

Ion Ratio Lower Upper

167 100

166 22.0 17.3 25.9

139 12.1 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

11.68

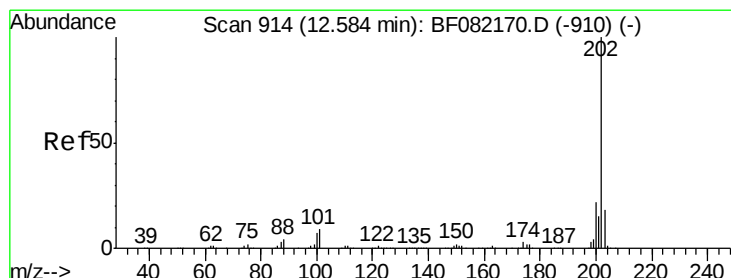
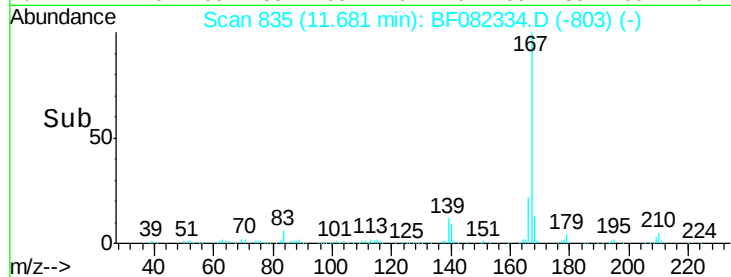
150000

100000

50000

0

Time-->



#74

Fluoranthene

Concen: 150.69 ng

RT: 12.68 min Scan# 922

Delta R.T. 0.08 min

Lab File: BF082334.D

Acq: 16 Oct 2015 19:15

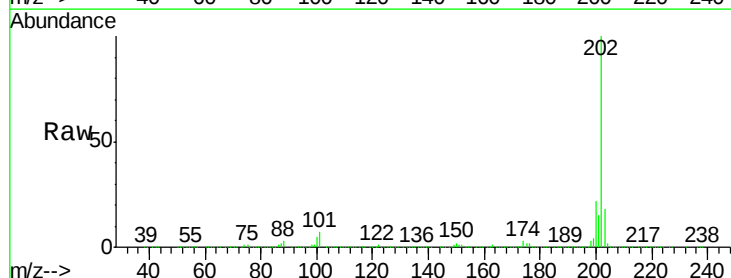
Tgt Ion:202 Resp: 2181947

Ion Ratio Lower Upper

202 100

101 6.9 0.0 29.3

203 18.3 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

12.68

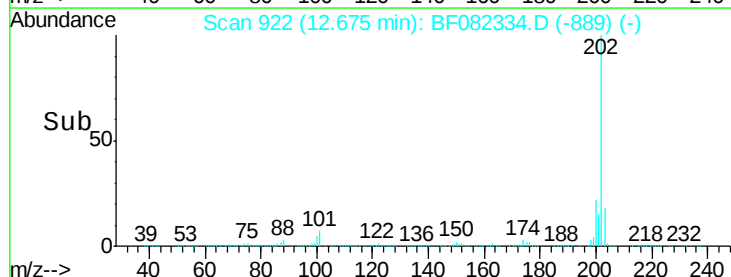
1500000

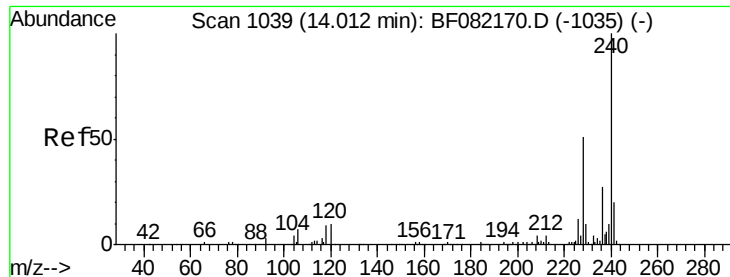
1000000

500000

0

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.17 min Scan# 1053

Delta R.T. 0.10 min

Lab File: BF082334.D

Acq: 16 Oct 2015 19:15

Instrument :

BNA_F

ClientSampleId :

TK1-DUP-20151015

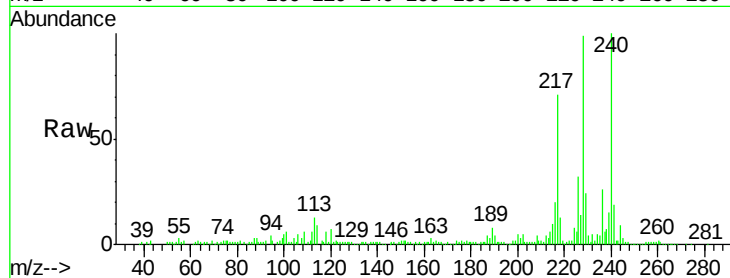
Tot Ion:240 Resp: 231630

Ion Ratio Lower Upper

240 100

120 6.6 8.1 12.1#

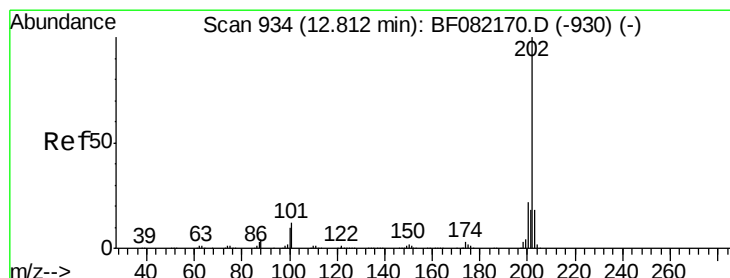
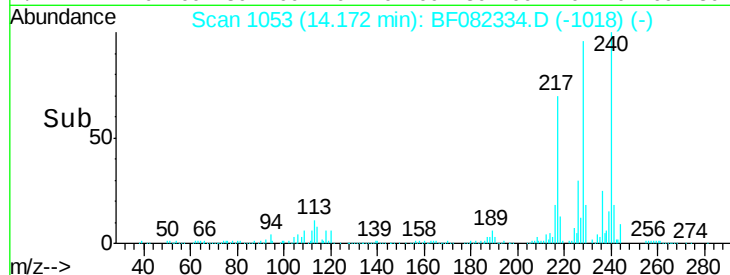
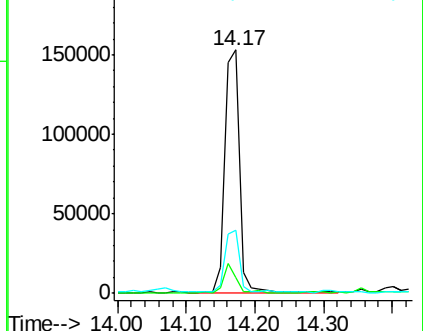
236 25.7 21.3 31.9



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: 130.20 ng

RT: 12.90 min Scan# 942

Delta R.T. 0.08 min

Lab File: BF082334.D

Acq: 16 Oct 2015 19:15

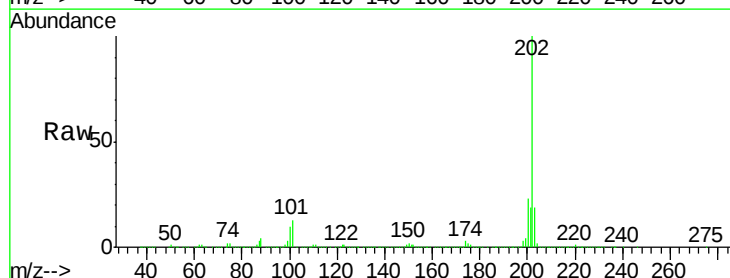
Tgt Ion:202 Resp: 1789760

Ion Ratio Lower Upper

202 100

200 23.0 17.9 26.9

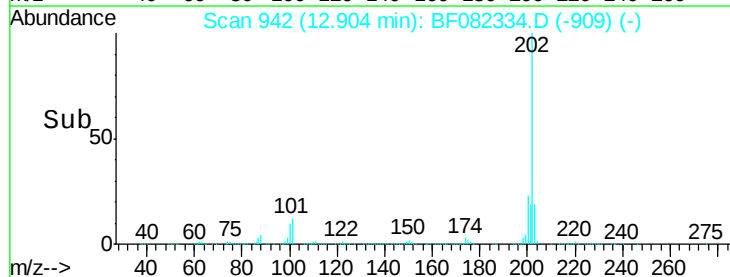
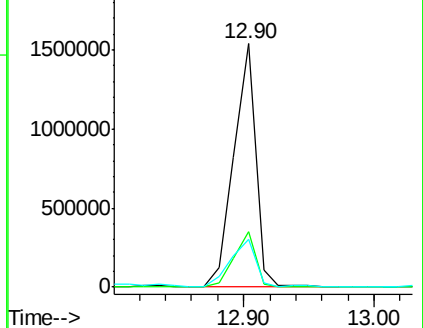
203 19.4 14.5 21.7

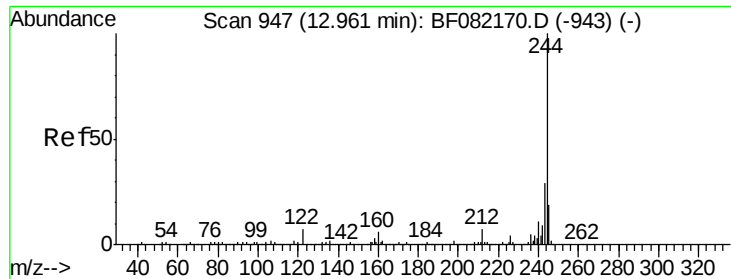


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 82.61 ng

RT: 13.04 min Scan# 954

Delta R.T. 0.08 min

Lab File: BF082334.D

Acq: 16 Oct 2015 19:15

Instrument :

BNA_F

ClientSampleId :

TK1-DUP-20151015

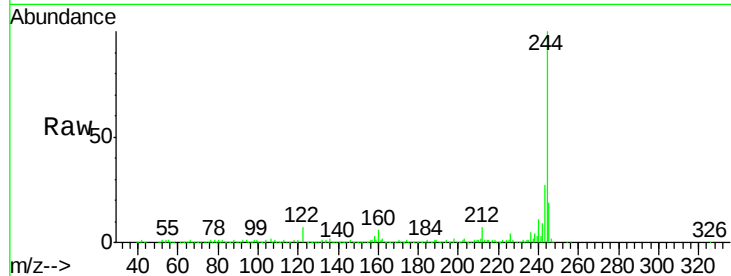
Tot Ion:244 Resp: 722062

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

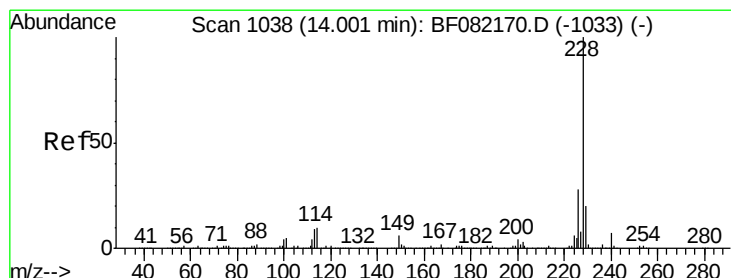
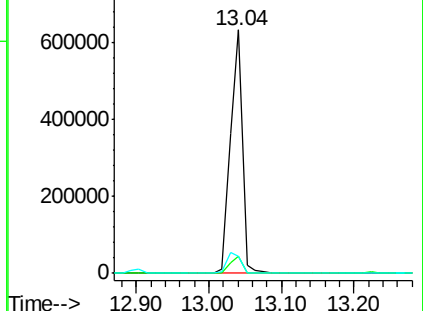
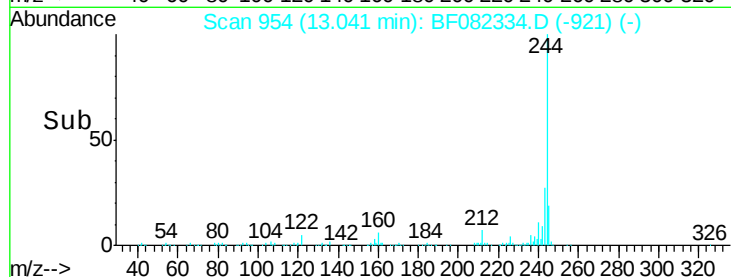
122 6.9 5.9 8.9



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: 82.54 ng

RT: 14.15 min Scan# 1051

Delta R.T. 0.09 min

Lab File: BF082334.D

Acq: 16 Oct 2015 19:15

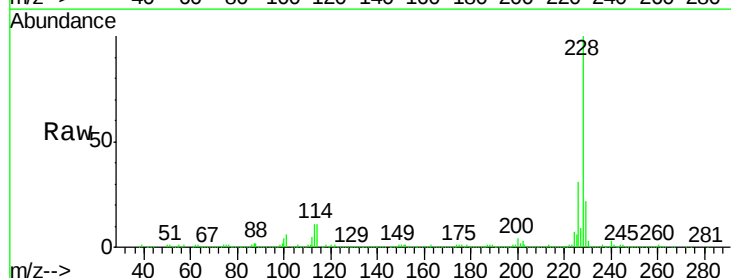
Tgt Ion:228 Resp: 994813

Ion Ratio Lower Upper

228 100

226 31.3 22.3 33.5

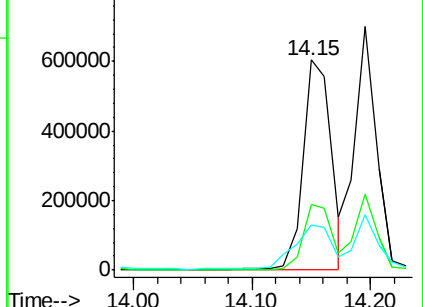
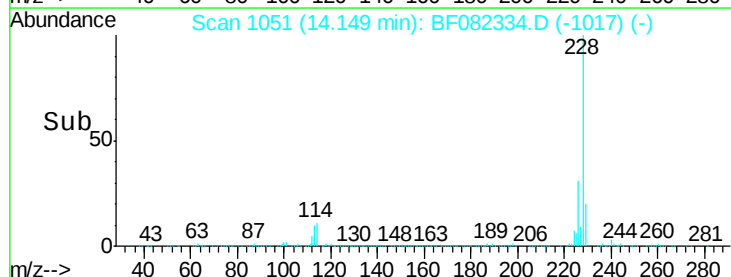
229 21.8 16.2 24.2

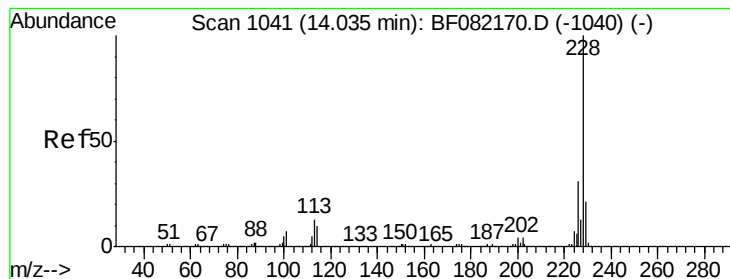


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 69.25 ng

RT: 14.20 min Scan# 1055

Delta R.T. 0.10 min

Lab File: BF082334.D

Acq: 16 Oct 2015 19:15

Instrument :

BNA_F

ClientSampleId :

TK1-DUP-20151015

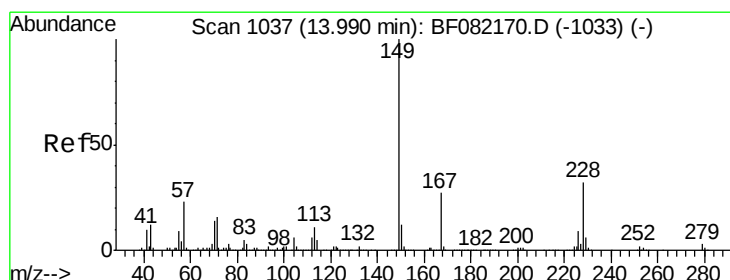
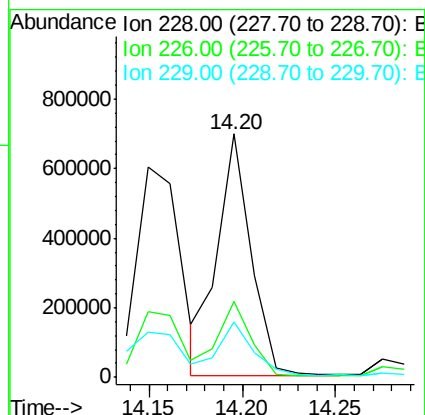
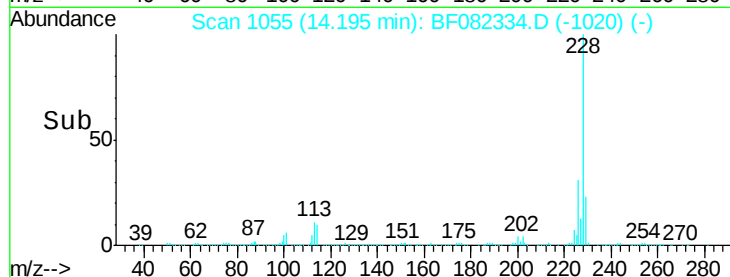
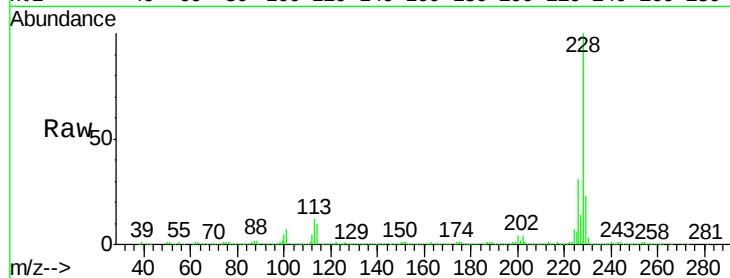
Tot Ion:228 Resp: 879370

Ion Ratio Lower Upper

228 100

226 31.1 24.4 36.6

229 22.9 16.3 24.5



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.78 ng

RT: 14.14 min Scan# 1050

Delta R.T. 0.10 min

Lab File: BF082334.D

Acq: 16 Oct 2015 19:15

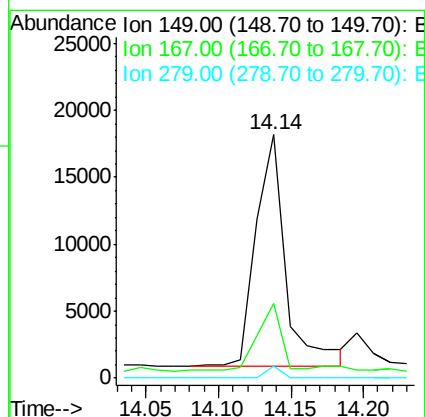
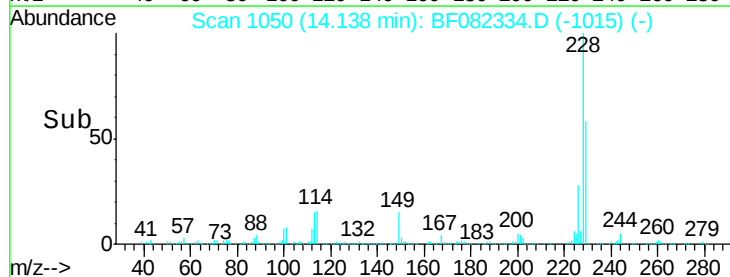
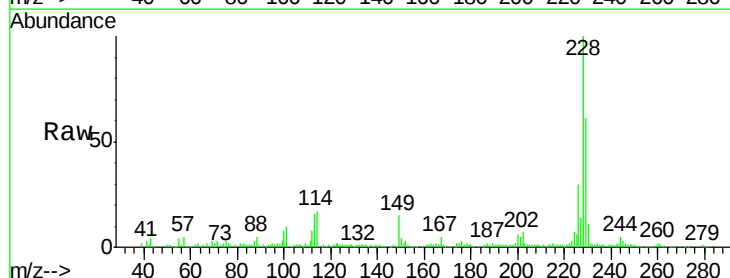
Tgt Ion:149 Resp: 24844

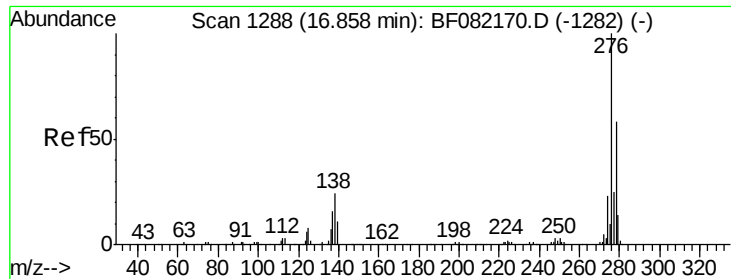
Ion Ratio Lower Upper

149 100

167 30.8 21.3 31.9

279 4.7 2.6 4.0#

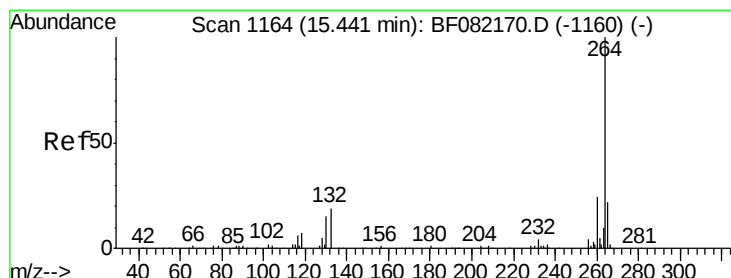
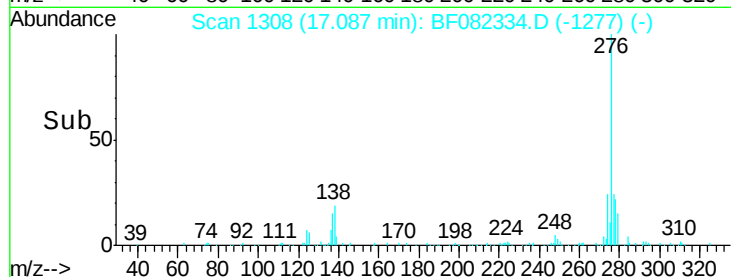
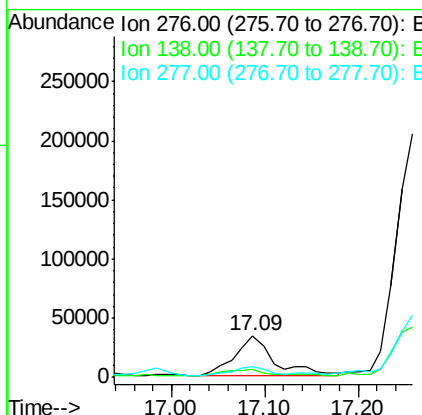
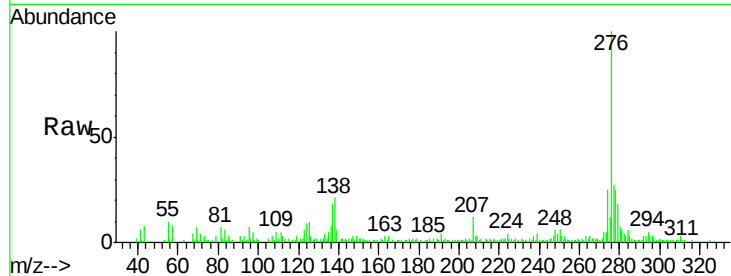




#85
Indeno(1,2,3-cd)pyrene
Concen: 9.66 ng
RT: 17.09 min Scan# 1308
Delta R.T. 0.06 min
Lab File: BF082334.D
Acq: 16 Oct 2015 19:15

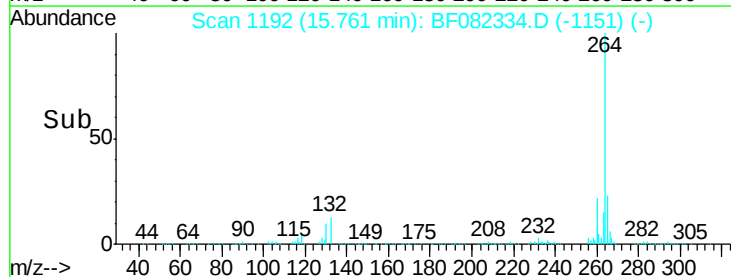
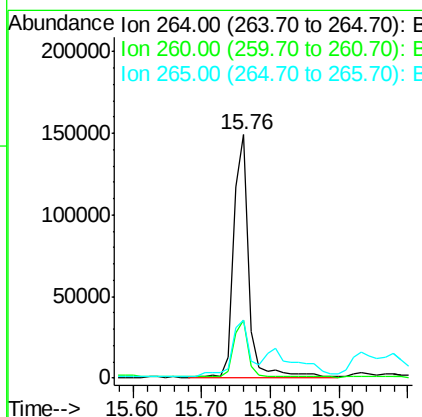
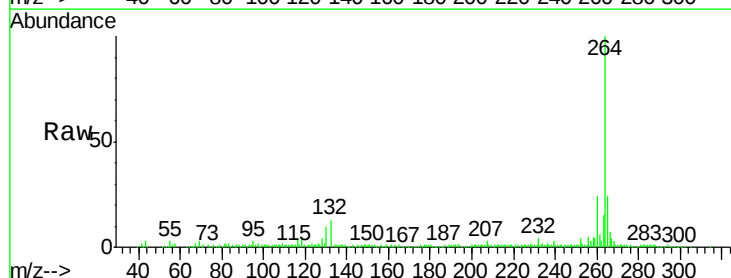
Instrument :
BNA_F
ClientSampleId :
TK1-DUP-20151015

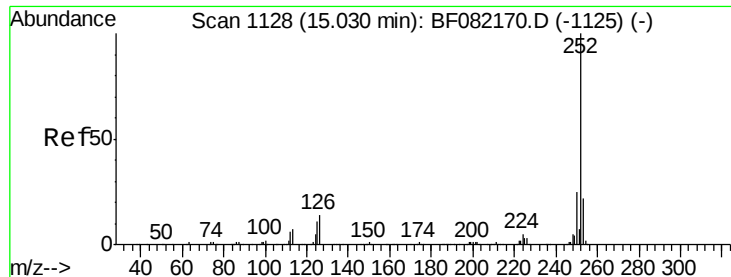
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.2	19.7	29.5
277	20.8	20.1	30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.76 min Scan# 1192
Delta R.T. 0.17 min
Lab File: BF082334.D
Acq: 16 Oct 2015 19:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	24.0	17.3	25.9

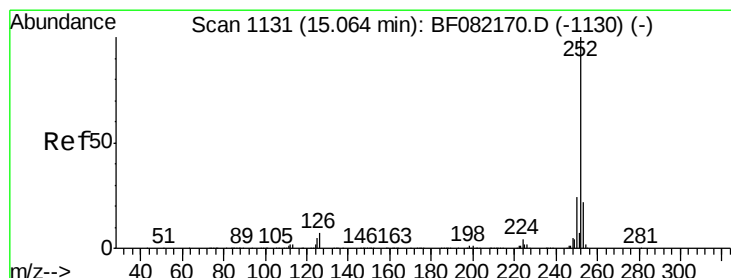
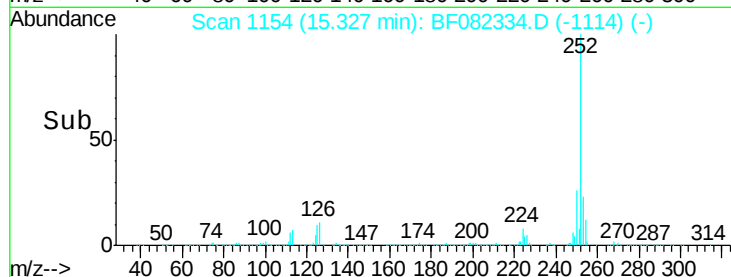
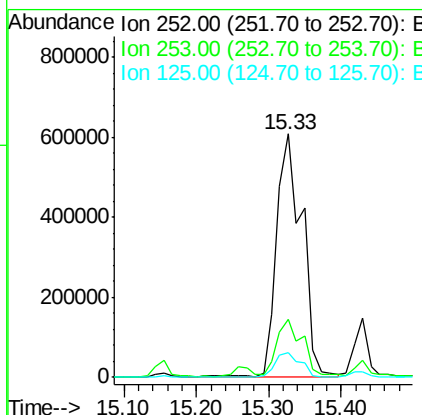
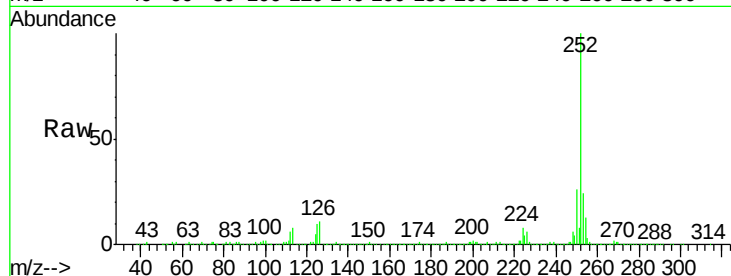




#87
Benzo(b)fluoranthene
Concen: 105.81 ng
RT: 15.33 min Scan# 1154
Delta R.T. 0.16 min
Lab File: BF082334.D
Acq: 16 Oct 2015 19:15

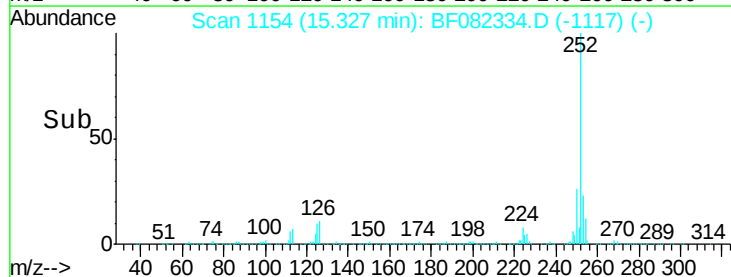
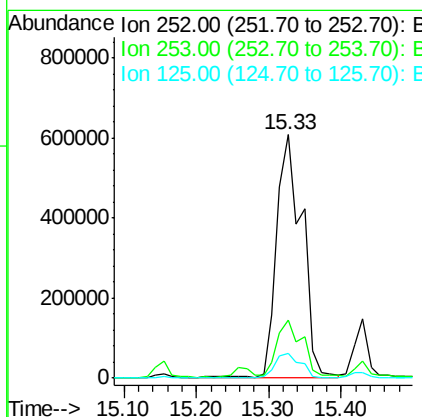
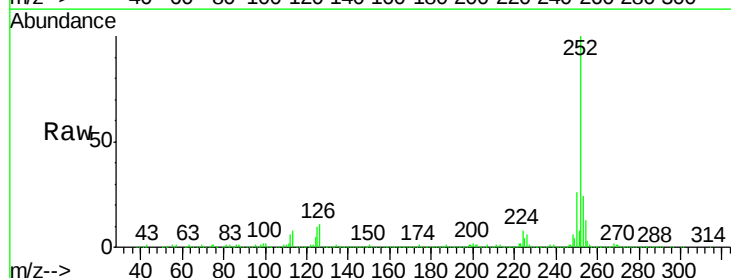
Instrument :
BNA_F
ClientSampleId :
TK1-DUP-20151015

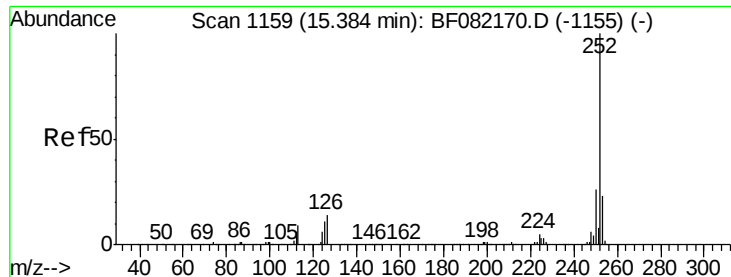
Tot Ion:252 Resp: 1480815
Ion Ratio Lower Upper
252 100
253 23.6 18.0 27.0
125 10.3 8.6 12.8



#88
Benzo(k)fluoranthene
Concen: 125.88 ng
RT: 15.33 min Scan# 1154
Delta R.T. 0.13 min
Lab File: BF082334.D
Acq: 16 Oct 2015 19:15

Tgt Ion:252 Resp: 1480815
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.6
125 10.3 6.7 10.1#





#89

Benzo(a)pyrene

Concen: 45.23 ng

RT: 15.64 min Scan# 1181

Delta R.T. 0.10 min

Lab File: BF082334.D

Acq: 16 Oct 2015 19:15

Instrument :

BNA_F

ClientSampleId :

TK1-DUP-20151015

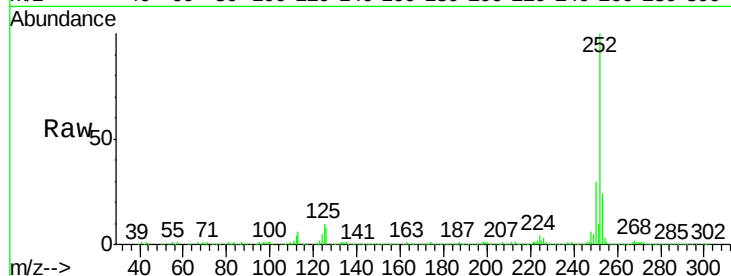
Tot Ion:252 Resp: 543984

Ion Ratio Lower Upper

252 100

253 23.9 18.2 27.2

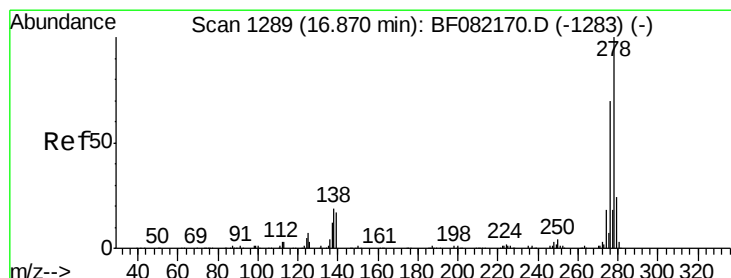
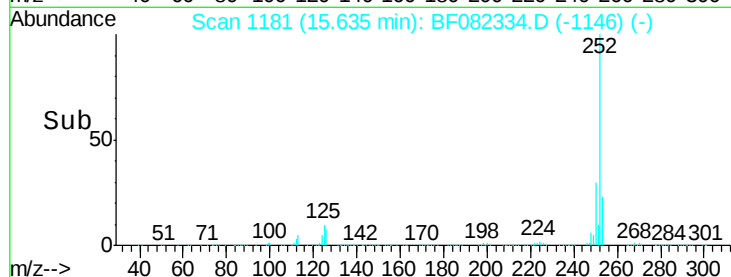
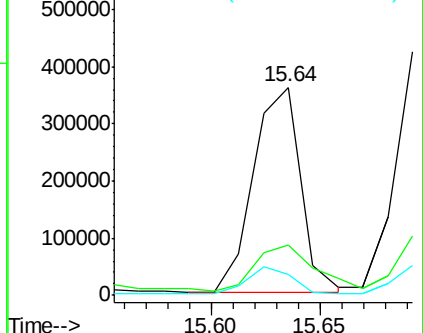
125 10.1 8.9 13.3



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: 7.32 ng

RT: 17.05 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF082334.D

Acq: 16 Oct 2015 19:15

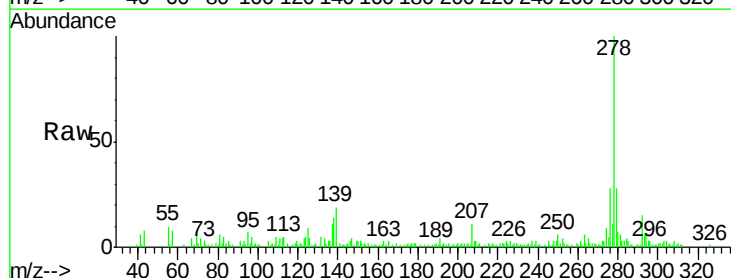
Tgt Ion:278 Resp: 72153

Ion Ratio Lower Upper

278 100

139 18.7 13.3 19.9

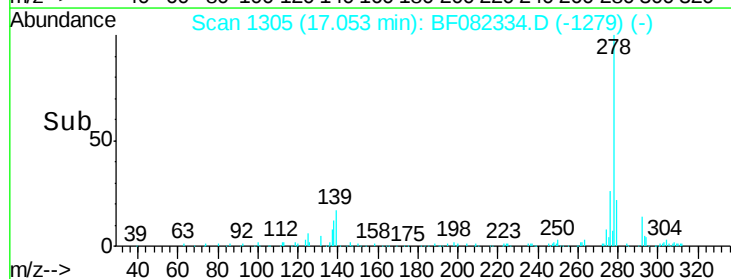
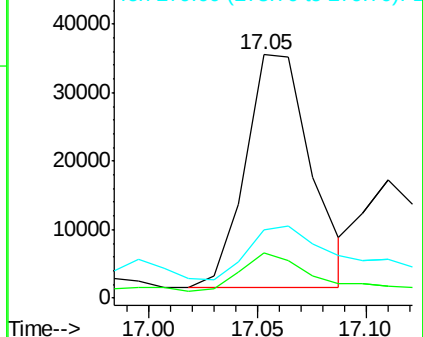
279 27.8 18.9 28.3

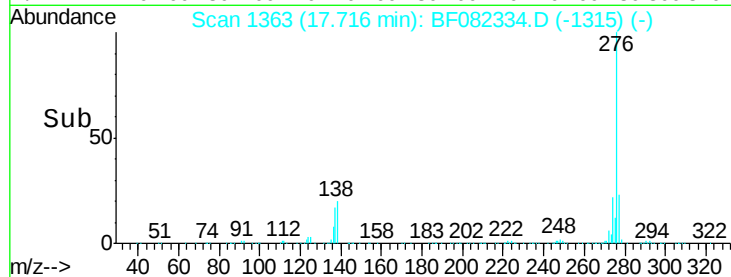
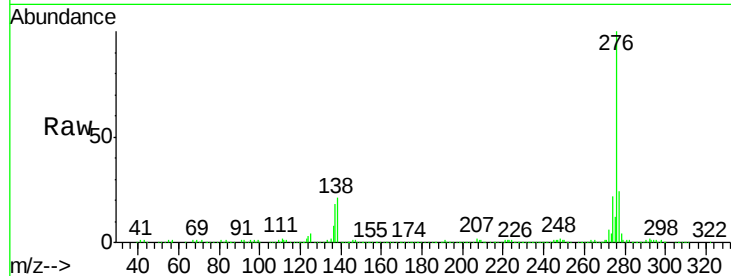
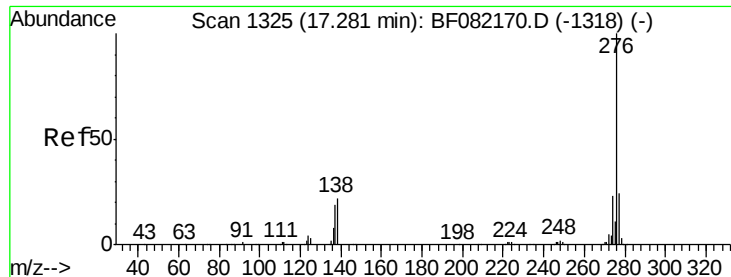


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 47.29 ng

RT: 17.72 min Scan# 1363

Delta R.T. 0.25 min

Lab File: BF082334.D

Acq: 16 Oct 2015 19:15

Instrument :

BNA_F

ClientSampleId :

TK1-DUP-20151015

Tot Ion: 276 Resp: 452772

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 20.7 17.4 26.2

