

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
 Data File : BF083928.D
 Acq On : 18 Dec 2015 22:17
 Operator : UM/SJ
 Sample : G4759-05DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K210-10-15DL

Quant Time: Dec 19 04:18:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	74816	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	284841	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	180229	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	281001	20.00	ng	0.00
75) Chrysene-d12	14.03	240	207248	20.00	ng	0.00
86) Perylene-d12	15.47	264	207515	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	116954	24.46	ng	-0.01
7) Phenol-d6	6.50	99	120749	20.63	ng	-0.01
23) Nitrobenzene-d5	7.42	82	72887	14.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	35638	17.95	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	183931	12.04	ng	-0.01
78) Terphenyl-d14	12.97	244	142733	10.61	ng	-0.01

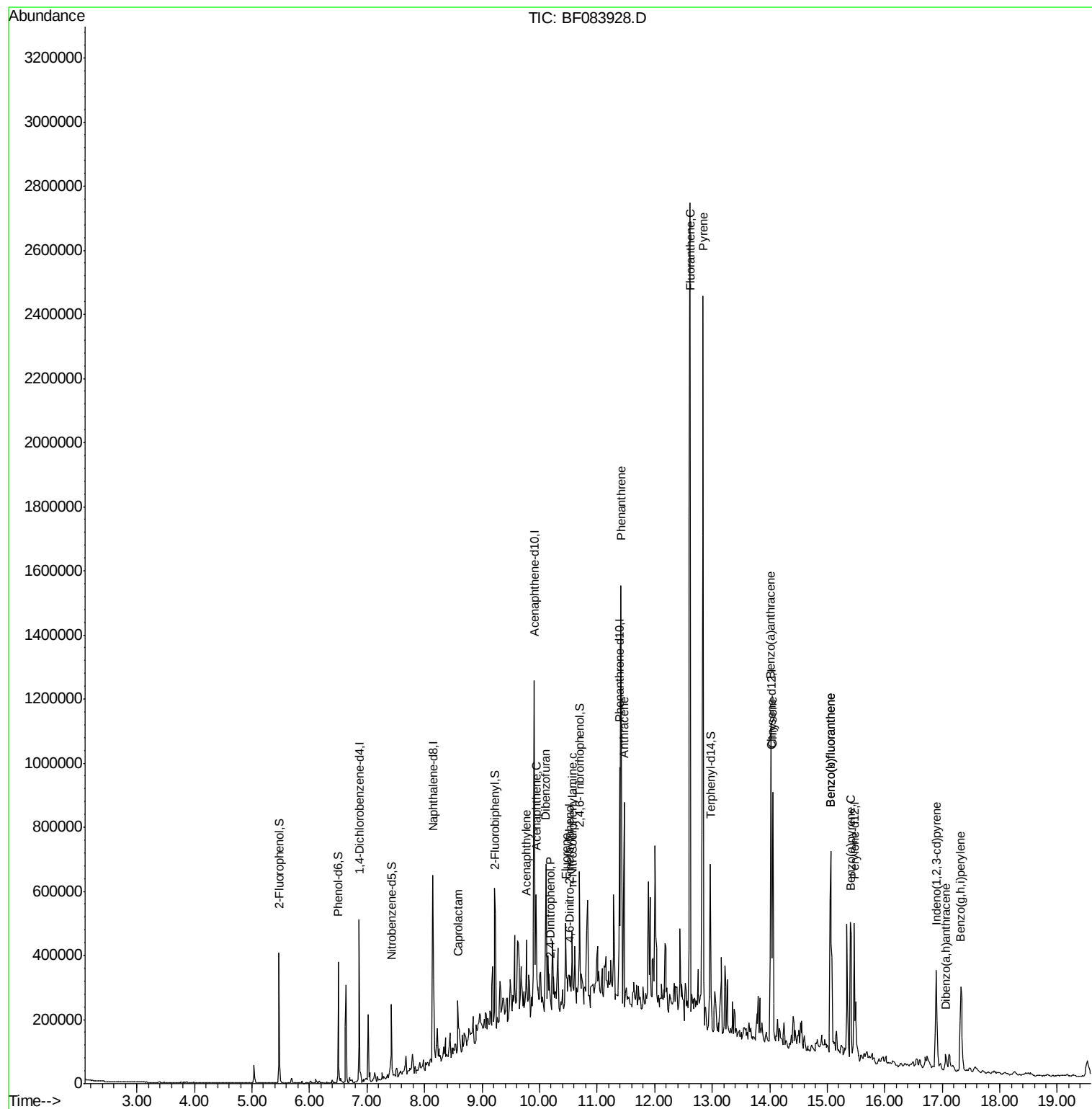
Target Compounds				Qvalue			
31) Naphthalene	8.17	128	20051	Below Cal	#	92	
35) Caprolactam	8.58	113	5543	4.02 ng	#	1	
36) 4-Chloro-3-methylphenol	8.68	107	1594	Below Cal	#	26	
45) 1,1'-Biphenyl	9.32	154	2315	Below Cal		75	
46) 2-Chloronaphthalene	9.33	162	349	Below Cal	#	1	
48) Acenaphthylene	9.77	152	56528	2.69 ng	#	95	
51) Acenaphthene	9.94	154	81086	6.28 ng		98	
53) 2,4-Dinitrophenol	10.19	184	1748	11.58 ng	#	72	
54) Dibenzofuran	10.11	168	127406	7.59 ng	#	93	
57) Fluorene	10.45	166	64000	2.16 ng		97	
64) 4,6-Dinitro-2-methylphenol	10.52	198	240	4.06 ng	#	1	
65) n-Nitrosodiphenylamine	10.57	169	29485	2.88 ng	#	63	
70) Phenanthrene	11.41	178	552313	32.53 ng		98	
71) Anthracene	11.47	178	343820	20.95 ng		99	
74) Fluoranthene	12.61	202	1255450	74.10 ng		97	
77) Pyrene	12.84	202	1178742	78.75 ng		99	
80) Benzo(a)anthracene	14.02	228	366877	28.79 ng		97	
82) Chrysene	14.05	228	231073	18.77 ng		99	
85) Indeno(1,2,3-cd)pyrene	16.90	276	220138	23.92 ng		95	
87) Benzo(b)fluoranthene	15.06	252	479402	31.69 ng	#	97	
88) Benzo(k)fluoranthene	15.06	252	479402	38.41 ng		99	
89) Benzo(a)pyrene	15.41	252	230408	18.44 ng		99	
90) Dibenzo(a,h)anthracene	17.06	278	31492	3.24 ng		97	
91) Benzo(g,h,i)perylene	17.32	276	224545	23.57 ng		97	

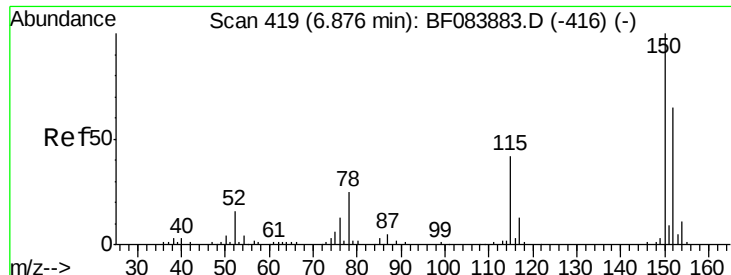
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

Instrument :

BNA_F

ClientSampleId :

K210-10-15DL

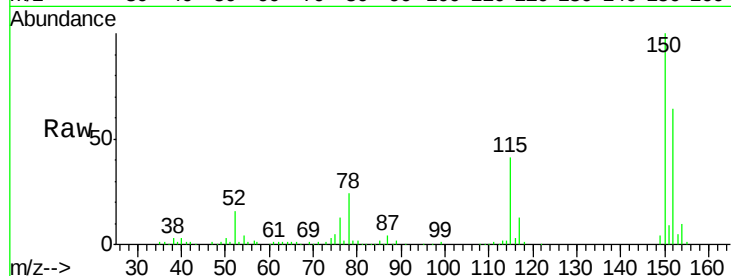
Tgt Ion:152 Resp: 74816

Ion Ratio Lower Upper

152 100

150 156.5 123.0 184.4

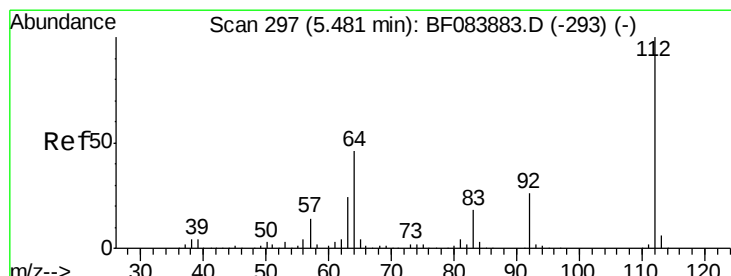
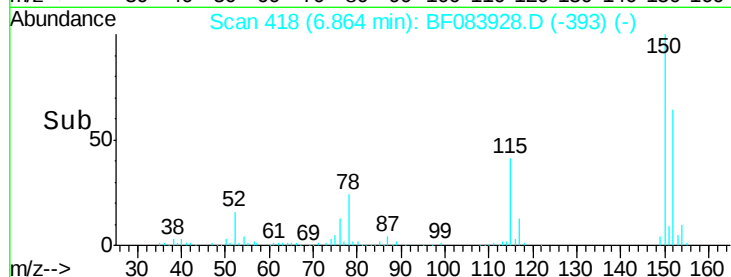
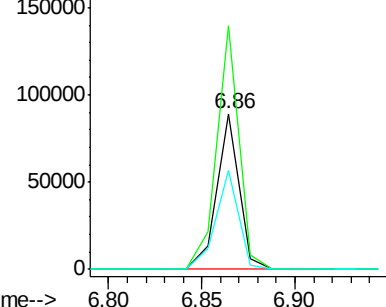
115 63.6 51.4 77.2



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: 24.46 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

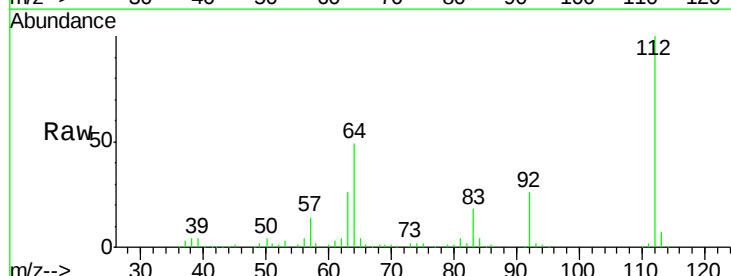
Tgt Ion:112 Resp: 116954

Ion Ratio Lower Upper

112 100

64 48.6 36.6 55.0

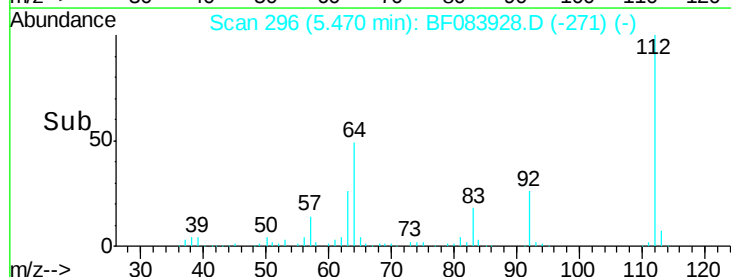
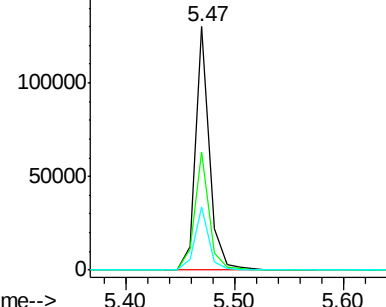
63 26.1 19.4 29.0

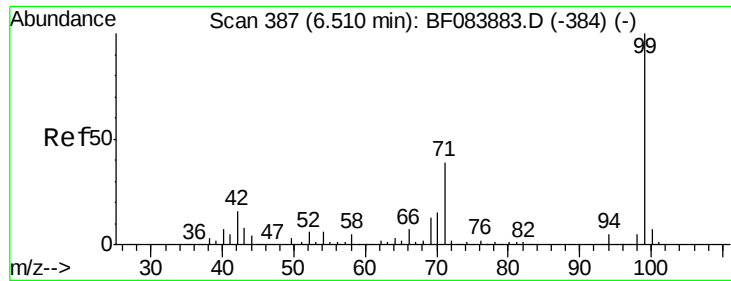


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.63 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

Instrument :

BNA_F

ClientSampleId :

K210-10-15DL

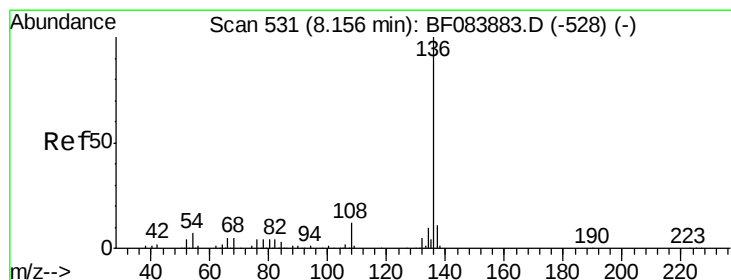
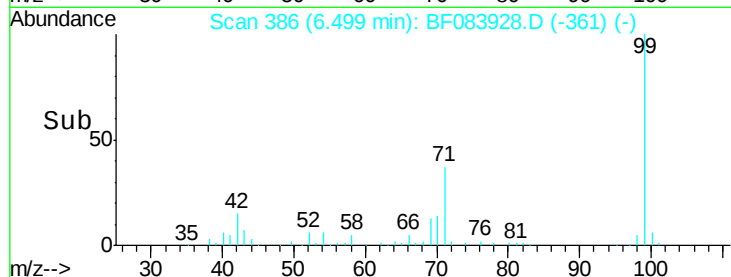
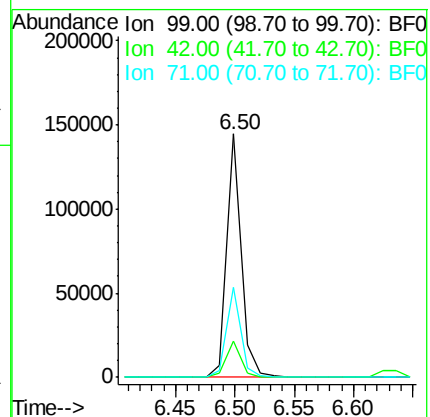
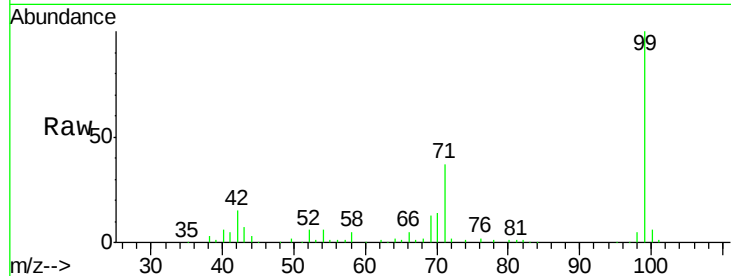
Tgt Ion: 99 Resp: 120749

Ion Ratio Lower Upper

99 100

42 14.9 12.8 19.2

71 37.1 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

Tgt Ion: 136 Resp: 284841

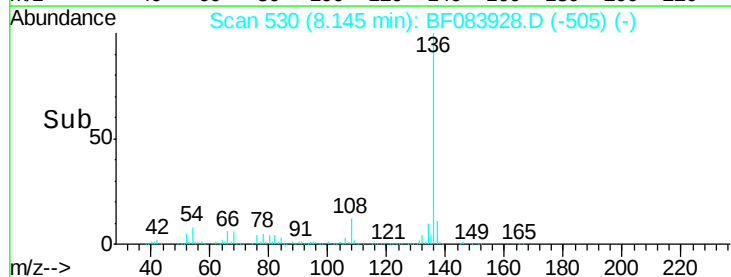
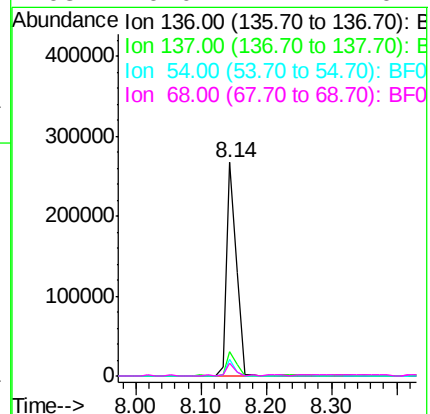
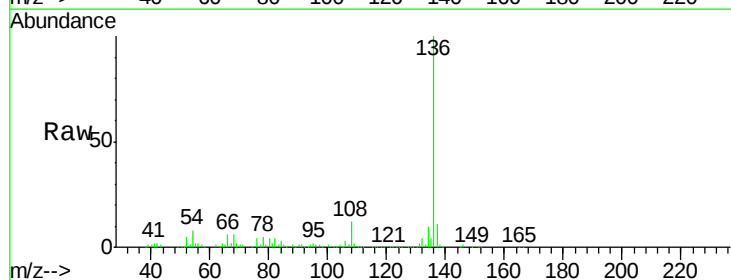
Ion Ratio Lower Upper

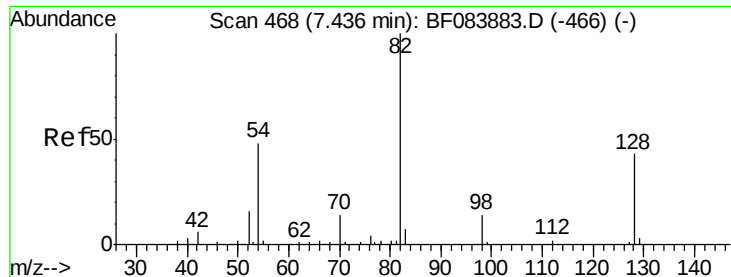
136 100

137 11.3 8.7 13.1

54 7.6 5.8 8.8

68 6.0 4.2 6.2

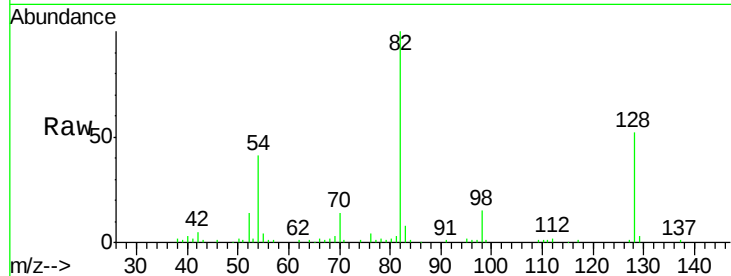




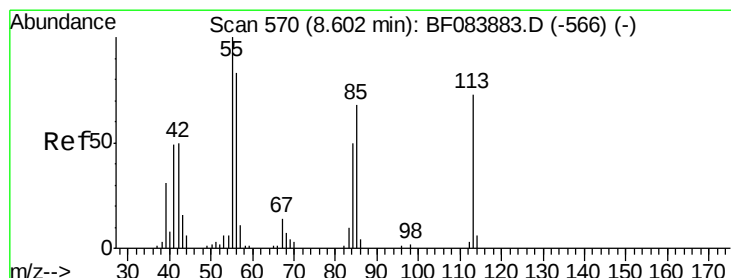
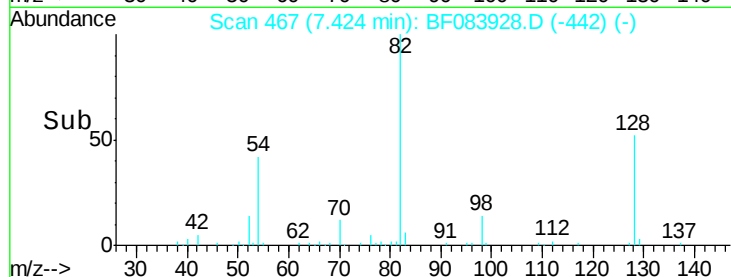
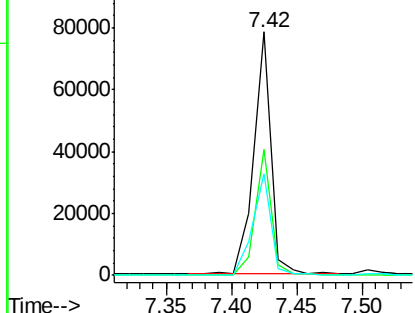
#23
 Nitrobenzene-d5
 Concen: 14.60 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF083928.D
 Acq: 18 Dec 2015 22:17

Instrument :
 BNA_F
 ClientSampleId :
 K210-10-15DL

Tgt Ion: 82 Resp: 72887
 Ion Ratio Lower Upper
 82 100
 128 51.5 34.6 51.8
 54 41.5 38.4 57.6

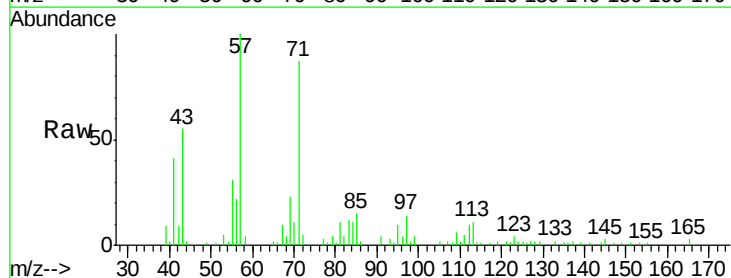


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

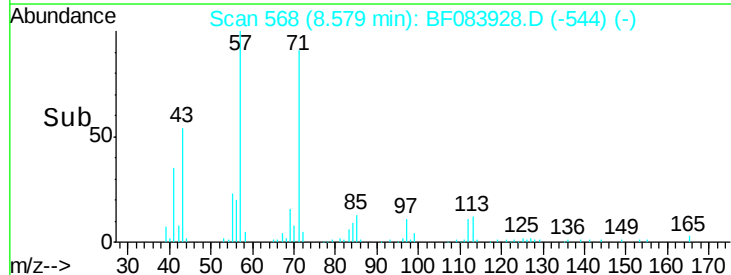
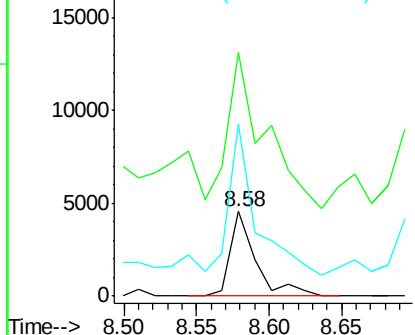


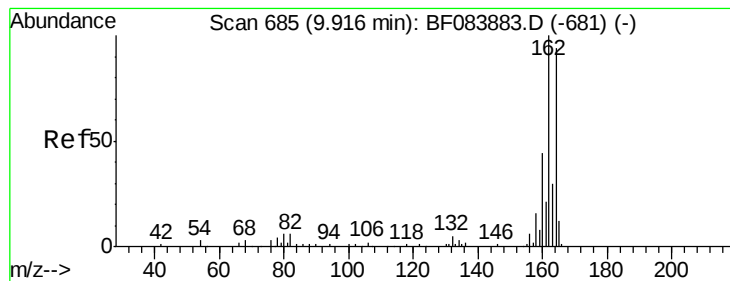
#35
 Caprolactam
 Concen: 4.02 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.02 min
 Lab File: BF083928.D
 Acq: 18 Dec 2015 22:17

Tgt Ion: 113 Resp: 5543
 Ion Ratio Lower Upper
 113 100
 55 287.7 116.9 156.9#
 56 203.2 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): BF0
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

Instrument :

BNA_F

ClientSampleId :

K210-10-15DL

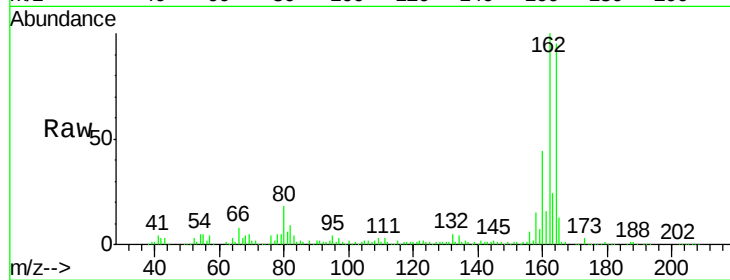
Tgt Ion:164 Resp: 180229

Ion Ratio Lower Upper

164 100

162 105.4 85.1 127.7

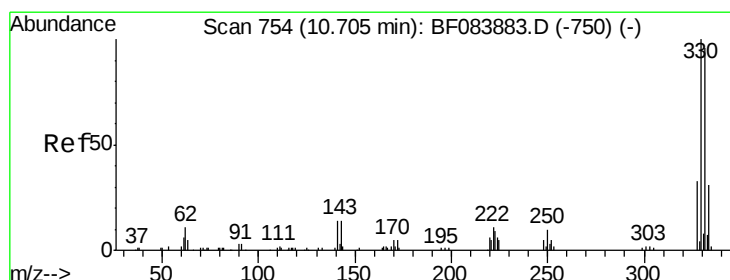
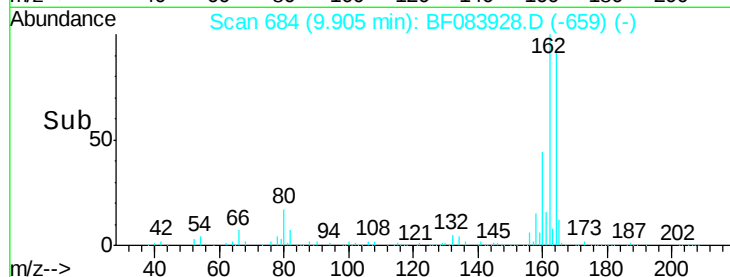
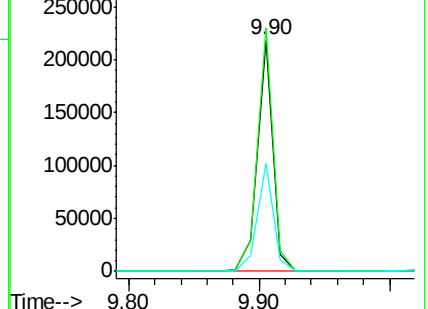
160 46.8 37.5 56.3



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: 17.95 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

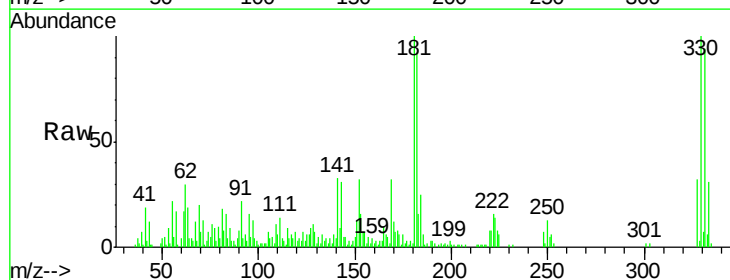
Tgt Ion:330 Resp: 35638

Ion Ratio Lower Upper

330 100

332 94.3 76.6 114.8

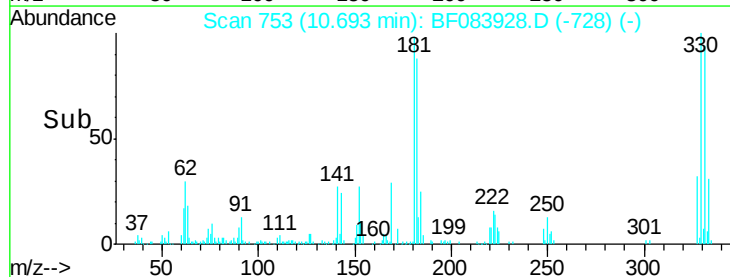
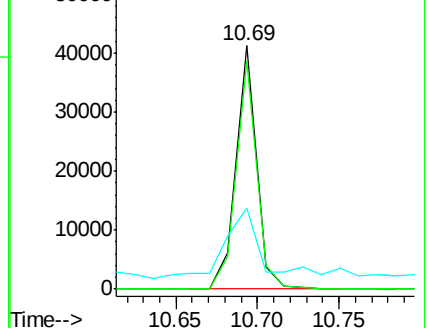
141 43.9 27.8 41.6#

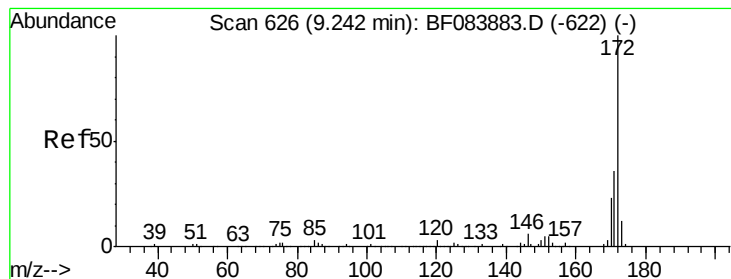


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

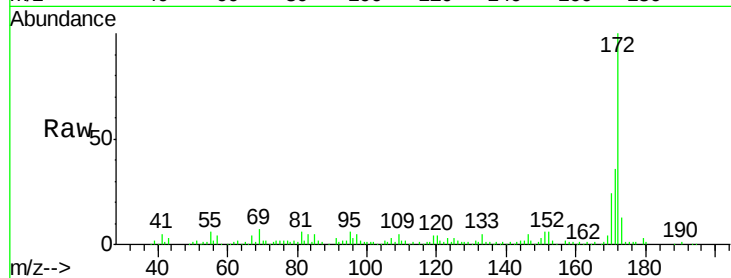




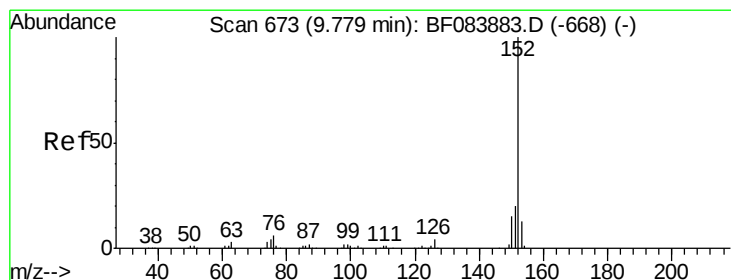
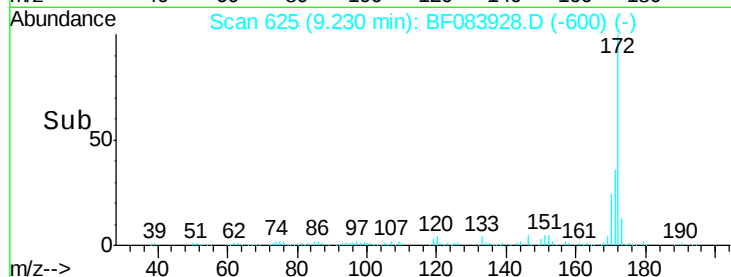
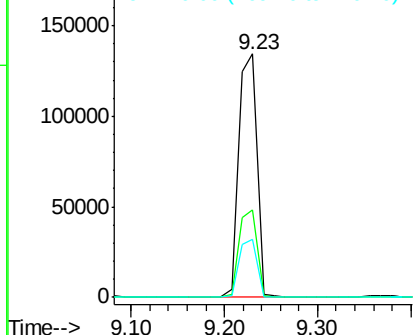
#44
 2-Fluorobiphenyl
 Concen: 12.04 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083928.D
 Acq: 18 Dec 2015 22:17

Instrument :
 BNA_F
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 K210-10-15DL

Tgt Ion:172 Resp: 183931
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 23.7 18.6 27.8

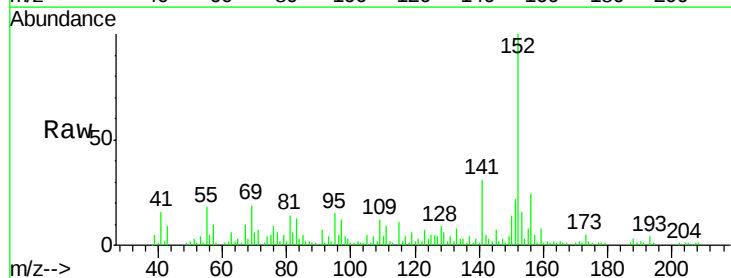


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

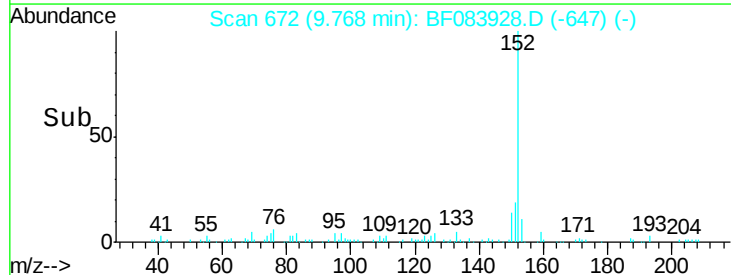
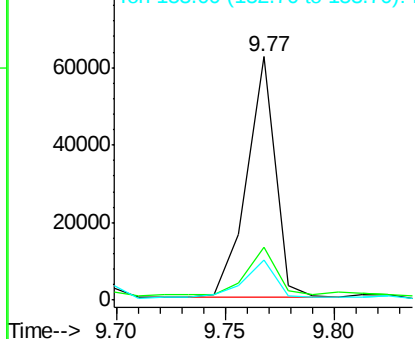


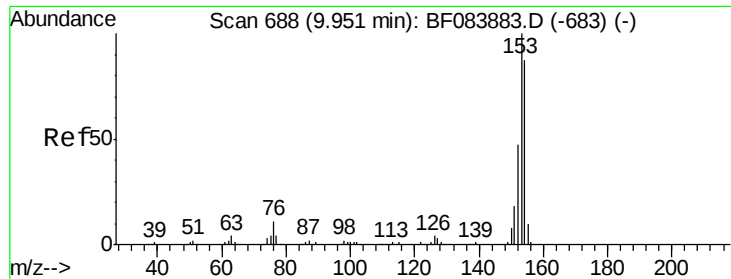
#48
 Acenaphthylene
 Concen: 2.69 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF083928.D
 Acq: 18 Dec 2015 22:17

Tgt Ion:152 Resp: 56528
 Ion Ratio Lower Upper
 152 100
 151 21.6 16.3 24.5
 153 16.2 10.4 15.6#



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





#51

Acenaphthene

Concen: 6.28 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

Instrument :

BNA_F

ClientSampleId :

K210-10-15DL

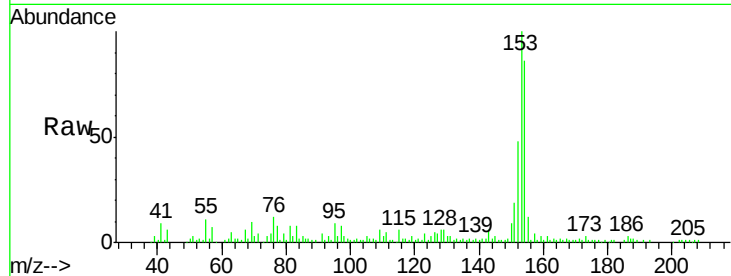
Tgt Ion:154 Resp: 81086

Ion Ratio Lower Upper

154 100

153 116.5 91.5 137.3

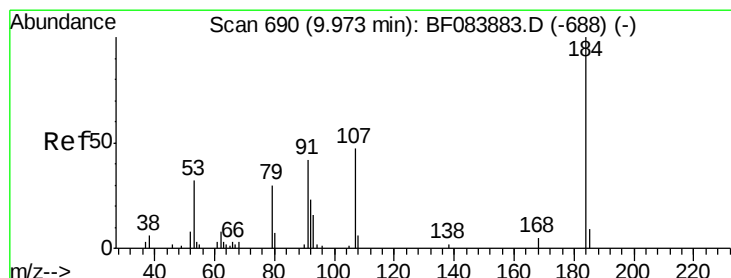
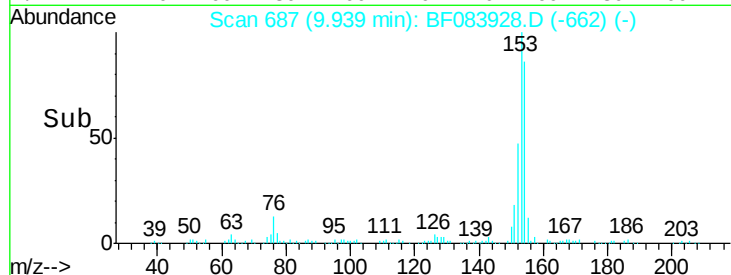
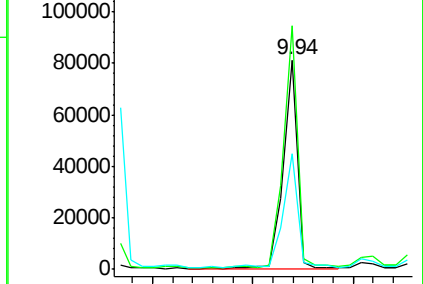
152 55.4 43.0 64.6



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



#53

2,4-Dinitrophenol

Concen: 11.58 ng

RT: 10.19 min Scan# 709

Delta R.T. 0.22 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

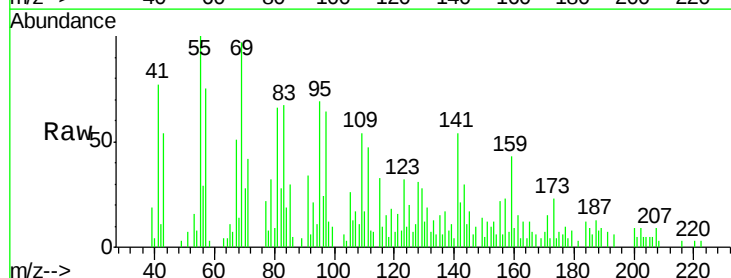
Tgt Ion:184 Resp: 1748

Ion Ratio Lower Upper

184 100

63 33.7 43.1 64.7#

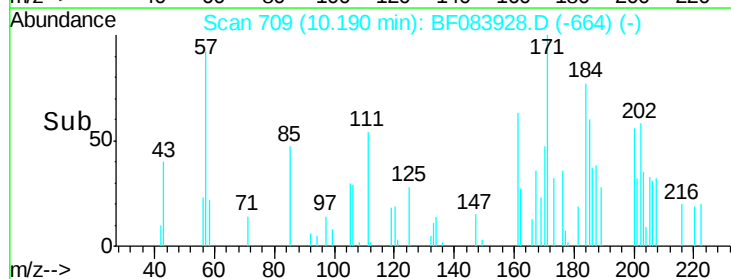
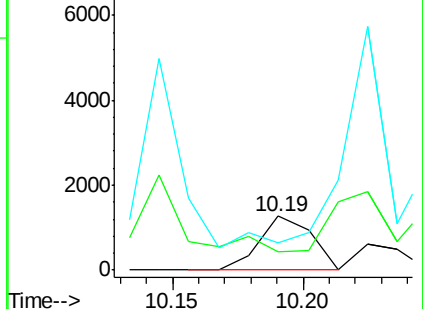
154 51.1 60.5 90.7#

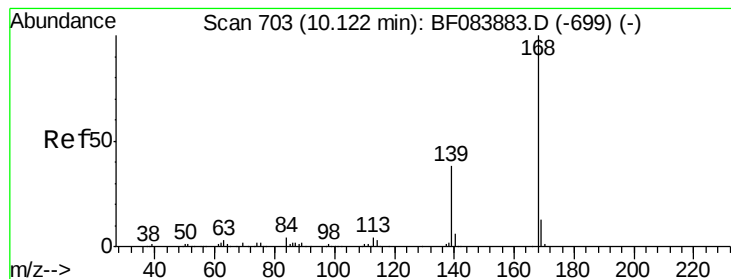


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 7.59 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

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K210-10-15DL

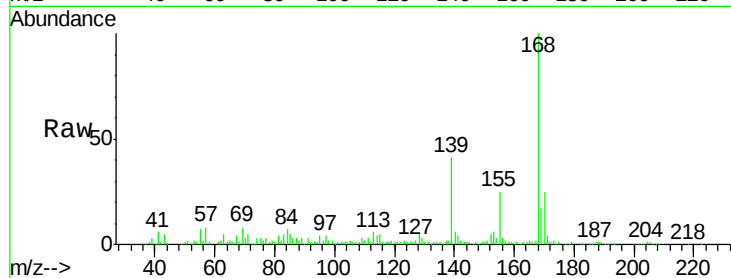
Tgt Ion:168 Resp: 127406

Ion Ratio Lower Upper

168 100

139 41.2 30.5 45.7

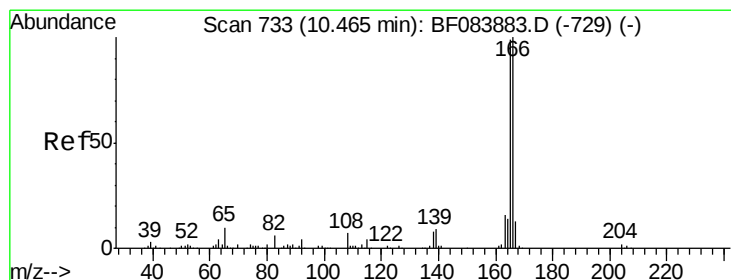
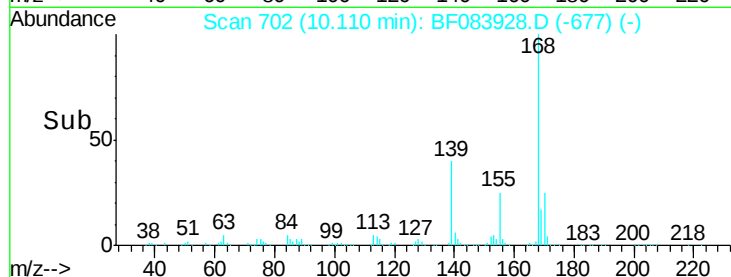
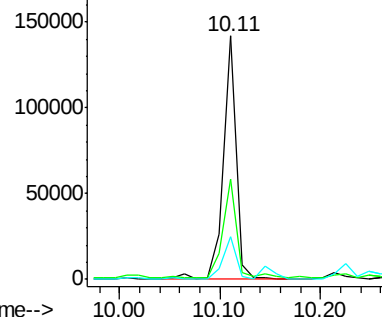
169 17.3 10.4 15.6#



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



#57

Fluorene

Concen: 2.16 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

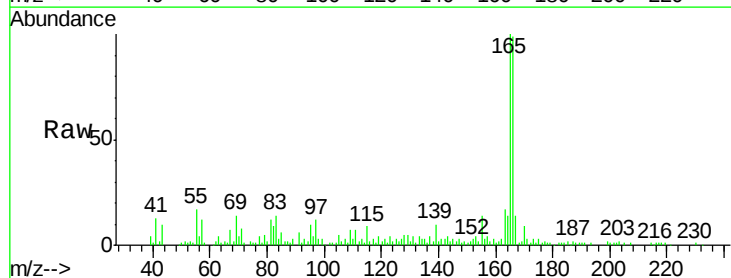
Tgt Ion:166 Resp: 64000

Ion Ratio Lower Upper

166 100

165 101.2 79.1 118.7

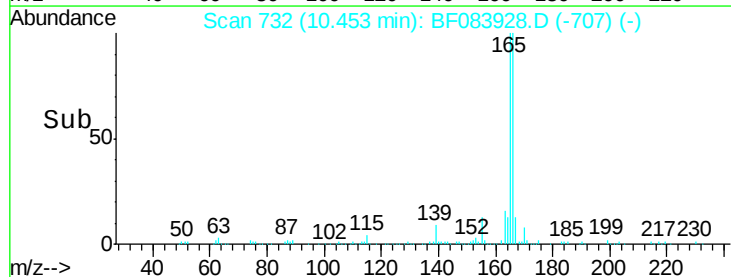
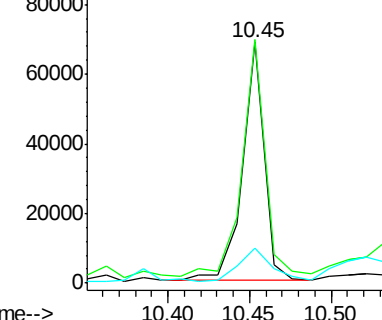
167 14.6 10.4 15.6

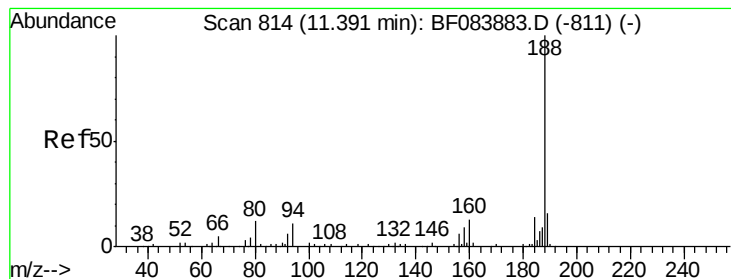


Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.39 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

Instrument :

BNA_F

ClientSampleId :

K210-10-15DL

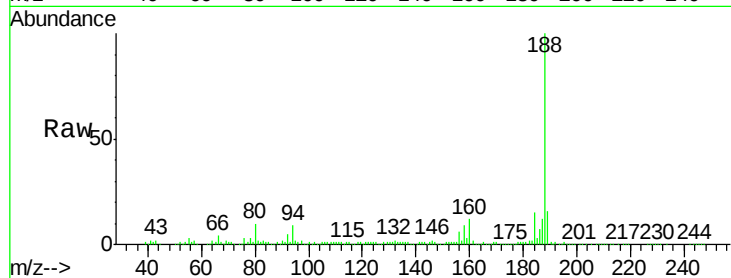
Tgt Ion:188 Resp: 281001

Ion Ratio Lower Upper

188 100

94 9.4 9.0 13.4

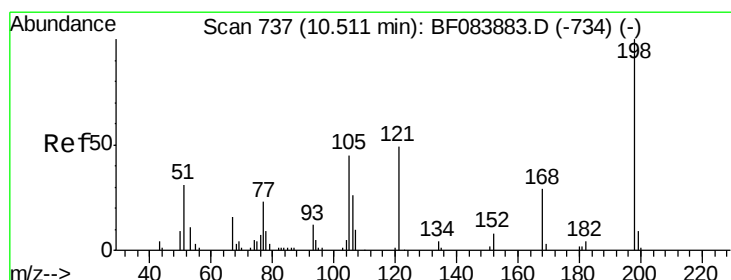
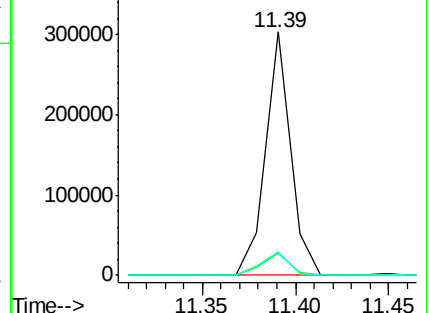
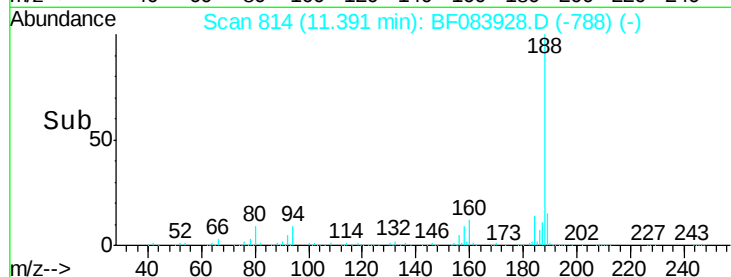
80 9.7 9.6 14.4



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



#64

4,6-Dinitro-2-methylphenol

Concen: 4.06 ng

RT: 10.52 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

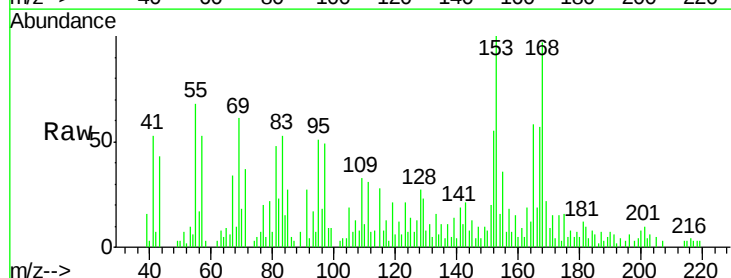
Tgt Ion:198 Resp: 240

Ion Ratio Lower Upper

198 100

51 251.7 18.9 58.9#

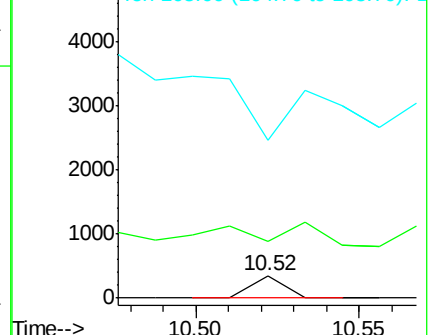
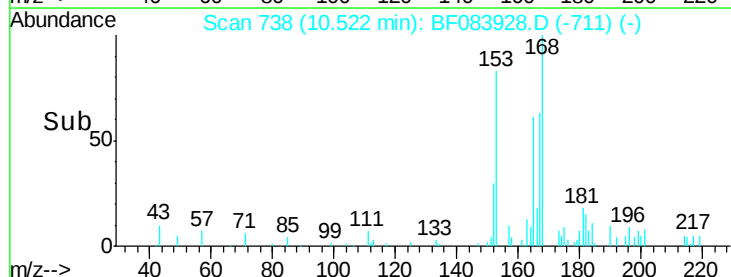
105 700.3 26.4 66.4#

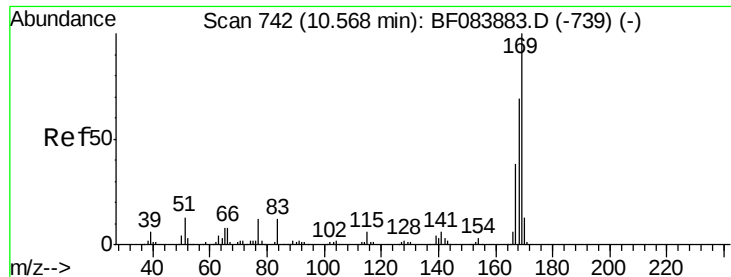


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 2.88 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

Instrument :

BNA_F

ClientSampleId :

K210-10-15DL

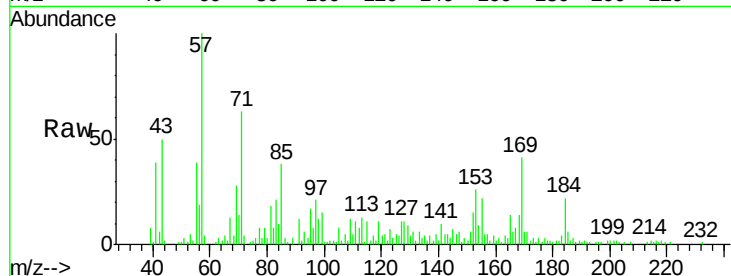
Tgt Ion:169 Resp: 29485

Ion Ratio Lower Upper

169 100

168 34.7 55.1 82.7#

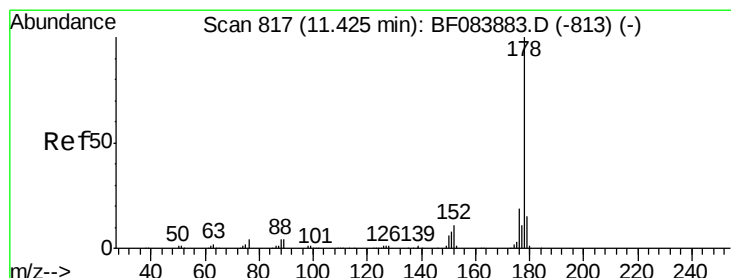
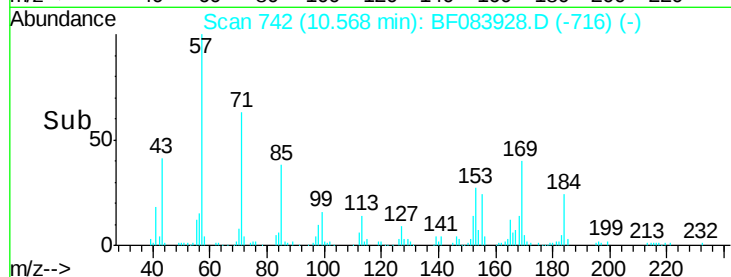
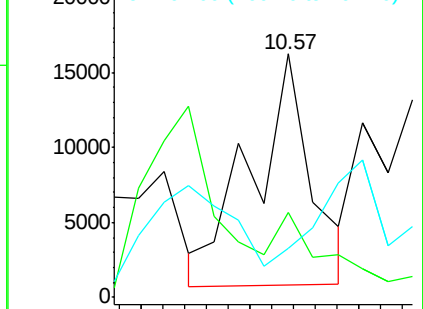
167 20.2 30.0 45.0#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 32.53 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

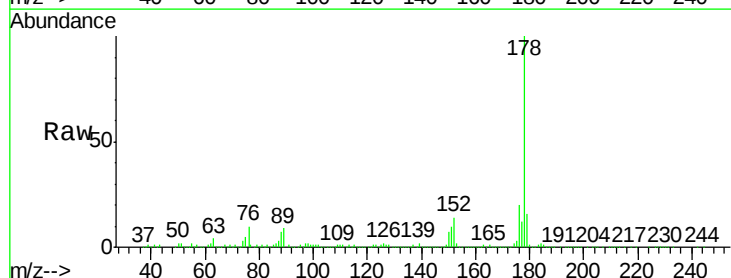
Tgt Ion:178 Resp: 552313

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

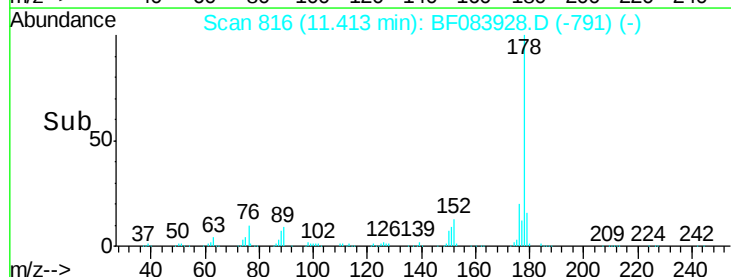
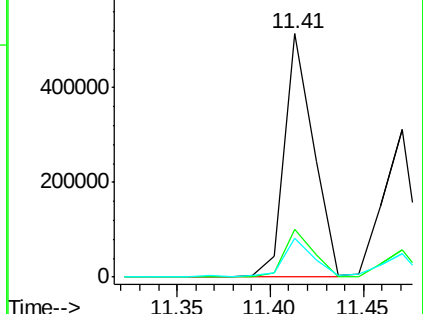
179 16.0 12.0 18.0

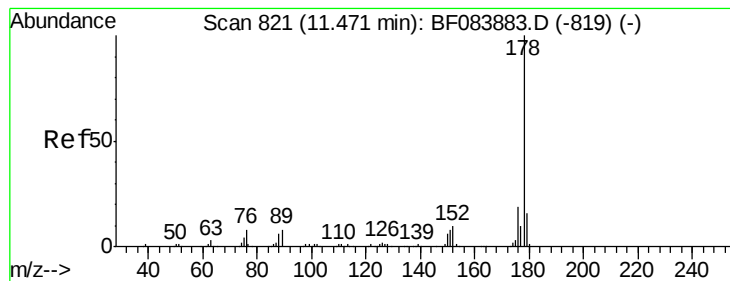


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 20.95 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

Instrument :

BNA_F

ClientSampleId :

K210-10-15DL

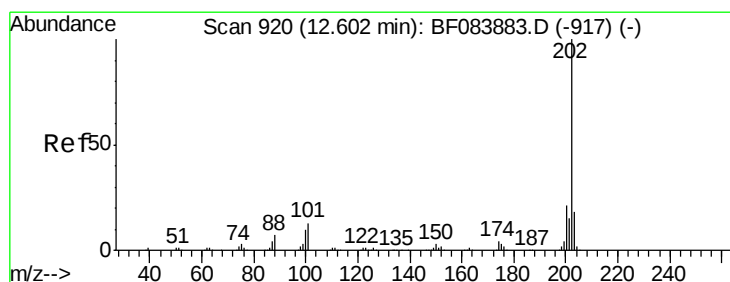
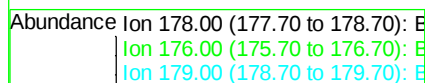
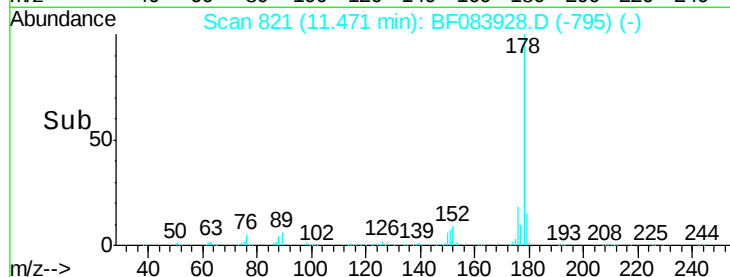
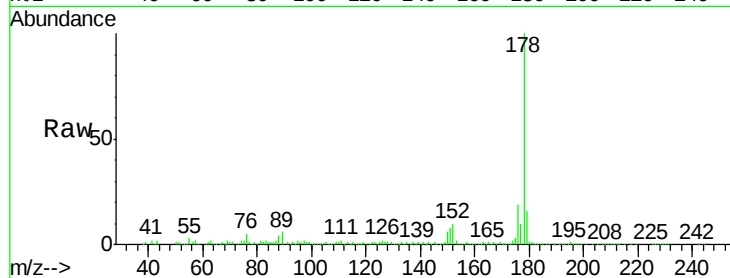
Tgt Ion:178 Resp: 343820

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.0

179 15.8 12.5 18.7



#74

Fluoranthene

Concen: 74.10 ng

RT: 12.61 min Scan# 921

Delta R.T. 0.01 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

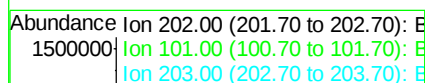
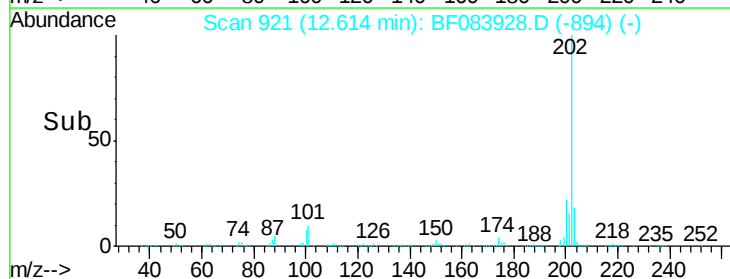
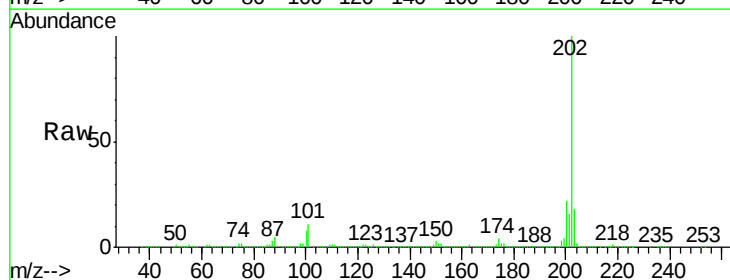
Tgt Ion:202 Resp: 1255450

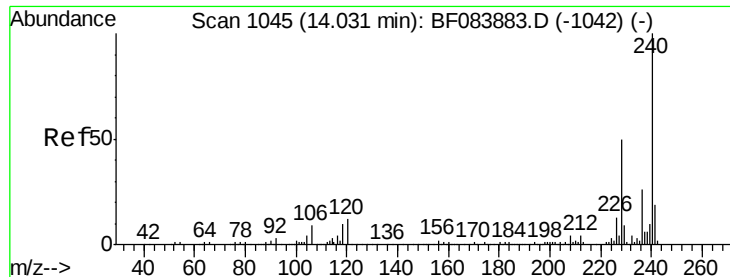
Ion Ratio Lower Upper

202 100

101 10.5 0.0 32.8

203 18.3 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

Instrument :

BNA_F

ClientSampleId :

K210-10-15DL

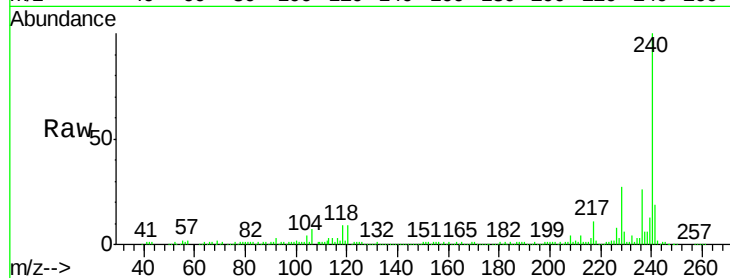
Tgt Ion:240 Resp: 207248

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

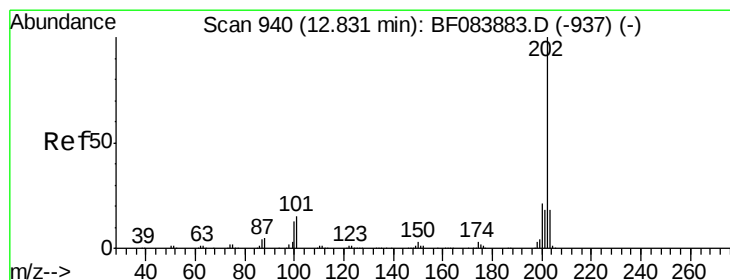
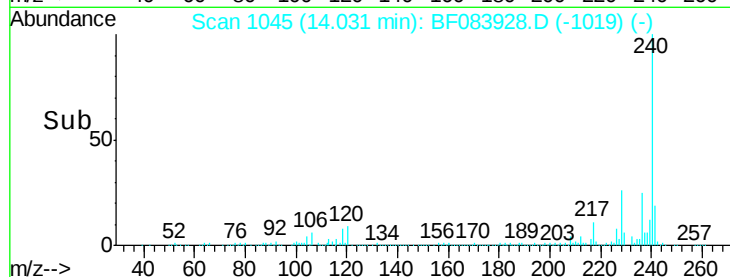
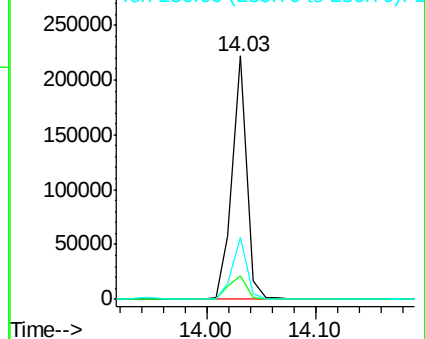
236 25.5 20.6 31.0



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: 78.75 ng

RT: 12.84 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

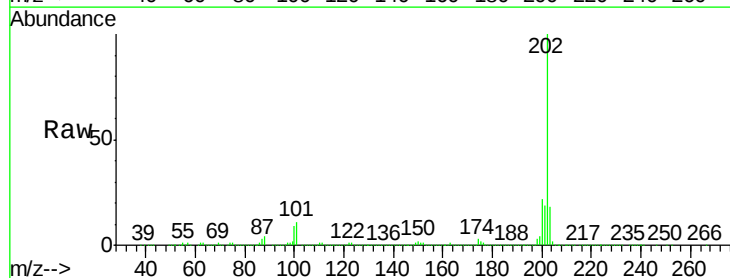
Tgt Ion:202 Resp: 1178742

Ion Ratio Lower Upper

202 100

200 22.3 17.2 25.8

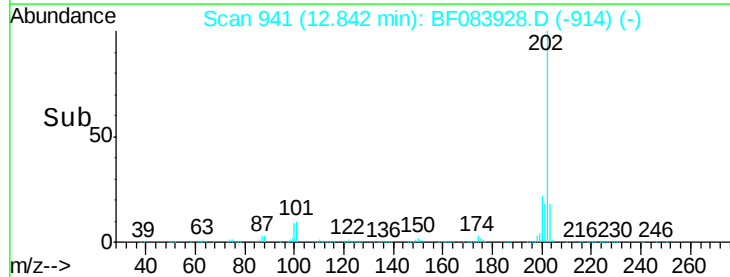
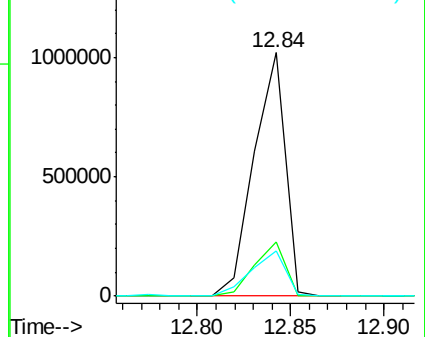
203 18.4 14.3 21.5

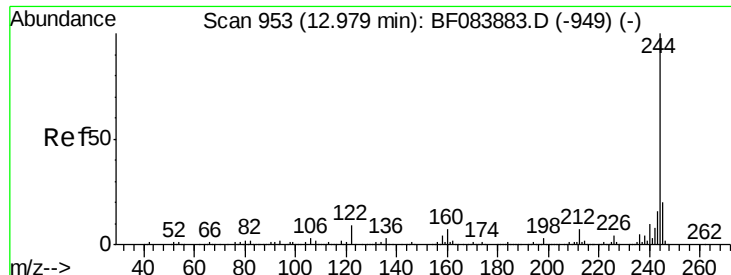


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 10.61 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

Instrument :

BNA_F

ClientSampleId :

K210-10-15DL

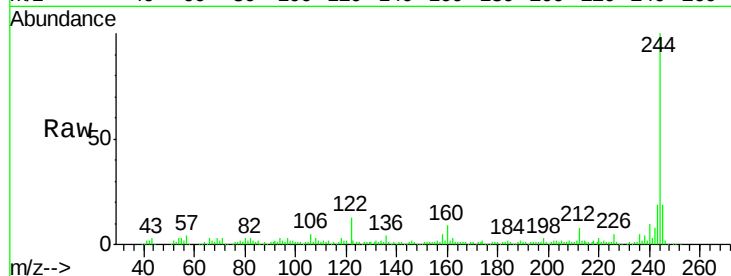
Tgt Ion:244 Resp: 142733

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

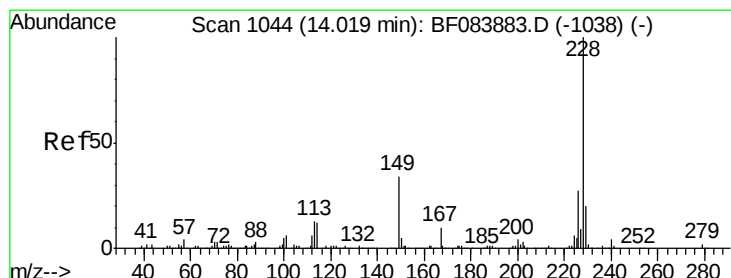
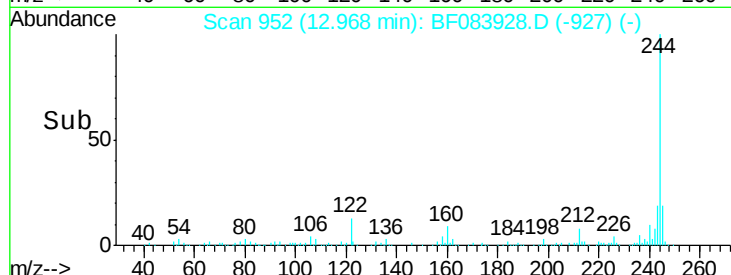
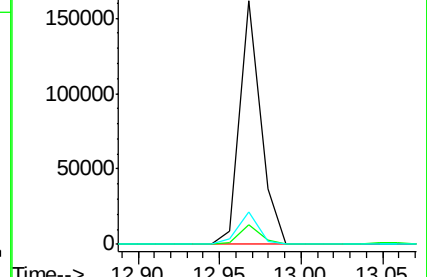
122 13.4 7.4 11.0#



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: 28.79 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

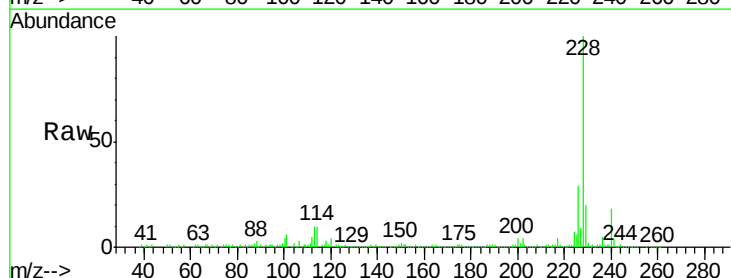
Tgt Ion:228 Resp: 366877

Ion Ratio Lower Upper

228 100

226 29.4 21.8 32.6

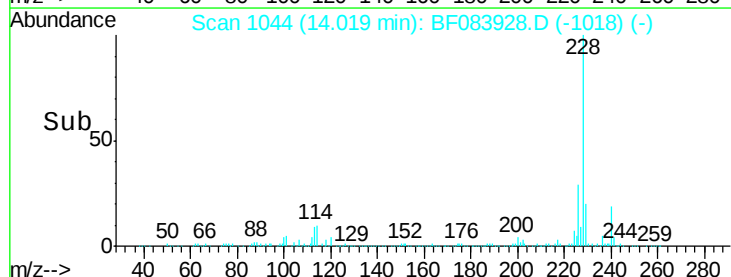
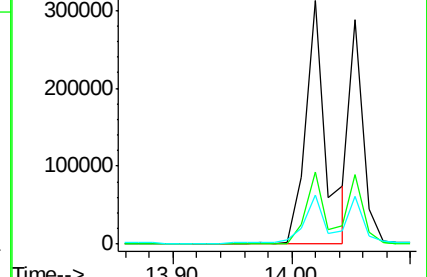
229 20.4 15.8 23.8

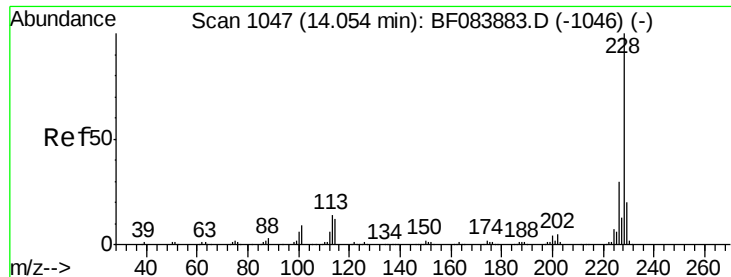


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 18.77 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

Instrument :

BNA_F

ClientSampleId :

K210-10-15DL

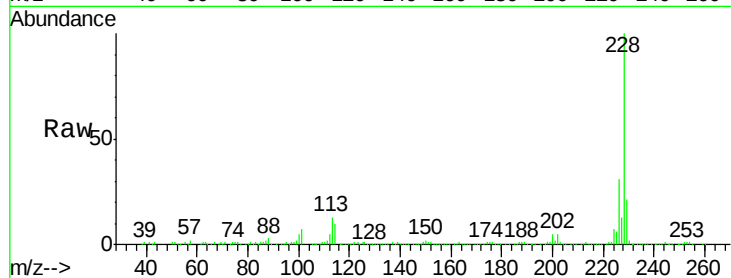
Tgt Ion:228 Resp: 231073

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

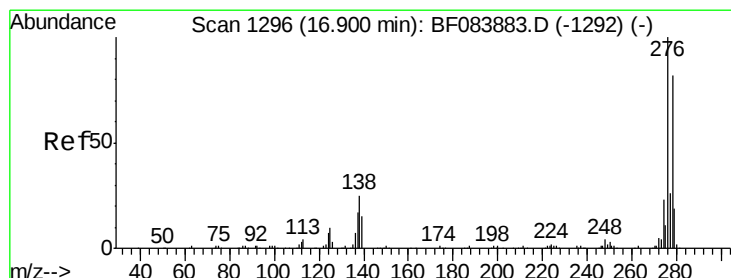
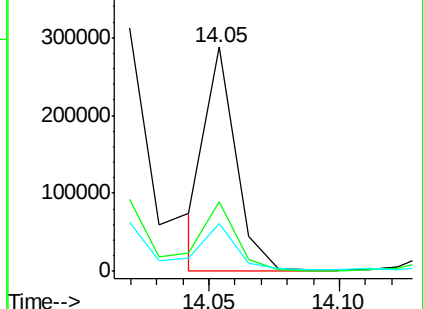
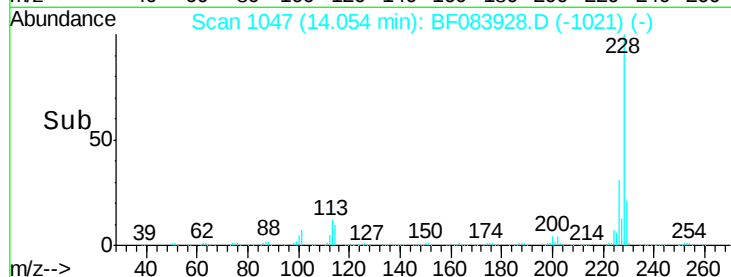
229 21.2 16.1 24.1



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: 23.92 ng

RT: 16.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

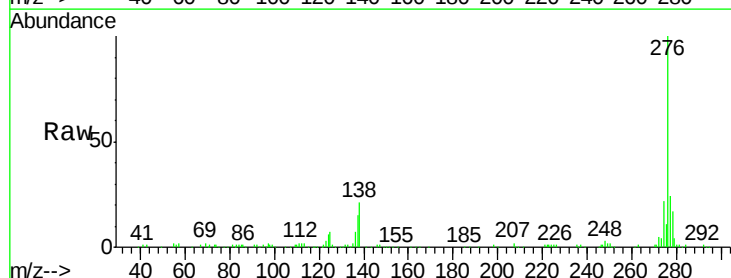
Tgt Ion:276 Resp: 220138

Ion Ratio Lower Upper

276 100

138 22.7 20.6 30.8

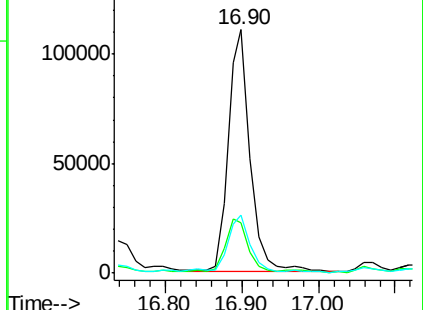
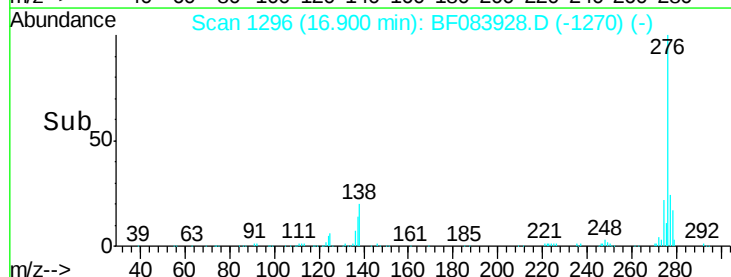
277 23.5 20.1 30.1

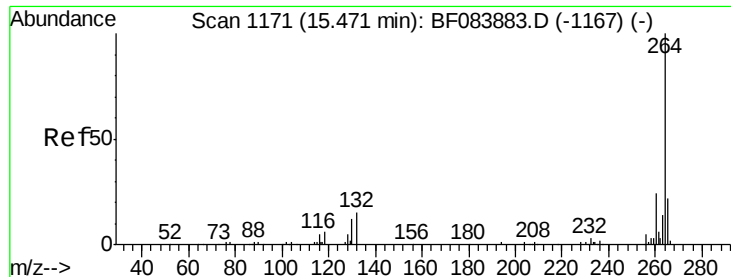


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

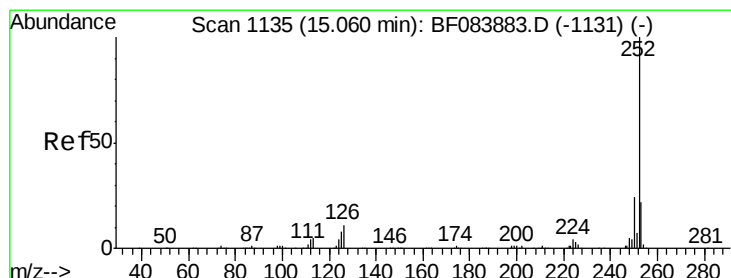
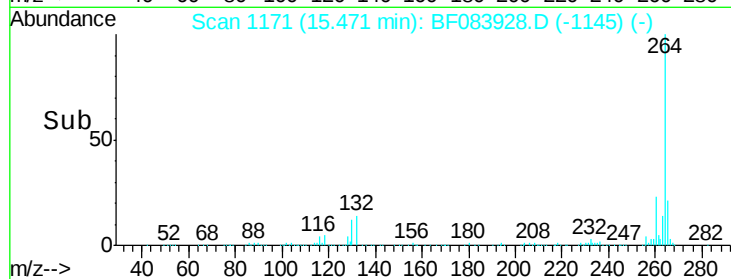
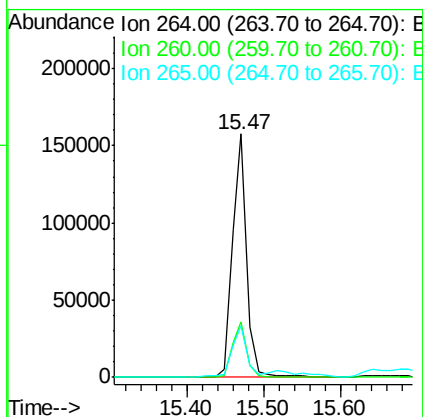
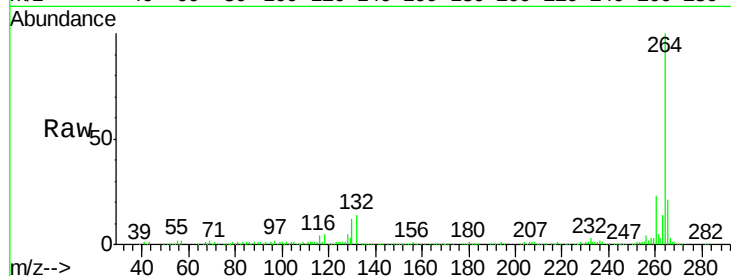




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF083928.D
Acq: 18 Dec 2015 22:17

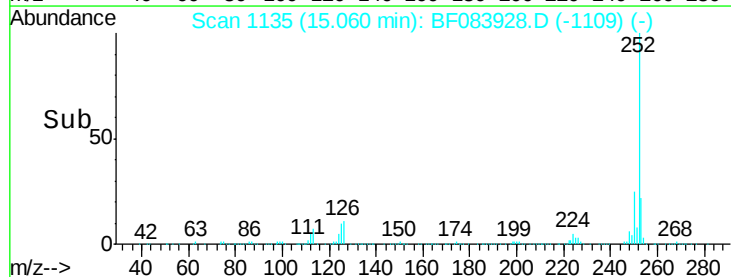
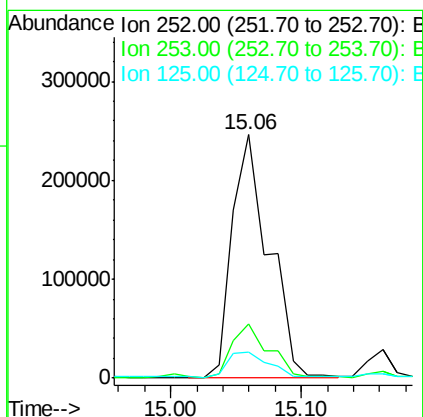
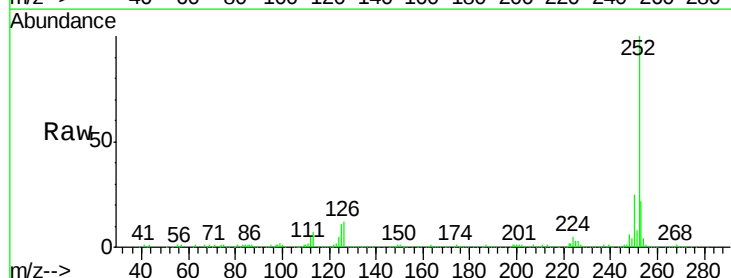
Instrument :
BNA_F
ClientSampleId :
K210-10-15DL

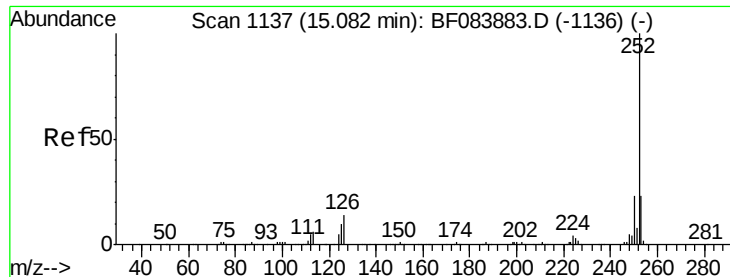
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.2
265	21.4	17.8	26.6



#87
Benzo(b)fluoranthene
Concen: 31.69 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF083928.D
Acq: 18 Dec 2015 22:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	10.8	6.5	9.7#





#88

Benzo(k)fluoranthene

Concen: 38.41 ng

RT: 15.06 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

Instrument :

BNA_F

ClientSampleId :

K210-10-15DL

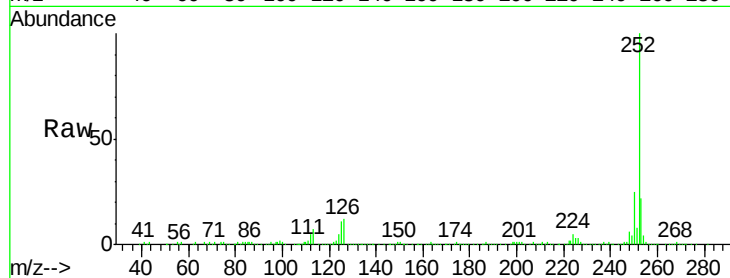
Tgt Ion:252 Resp: 479402

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

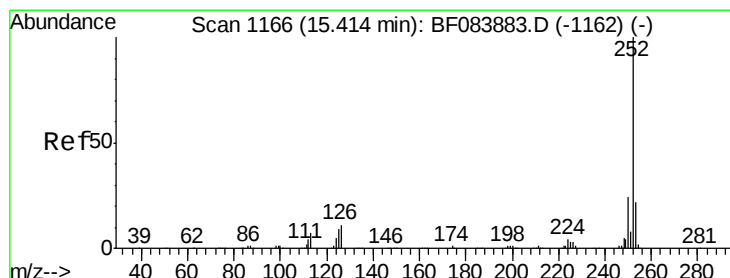
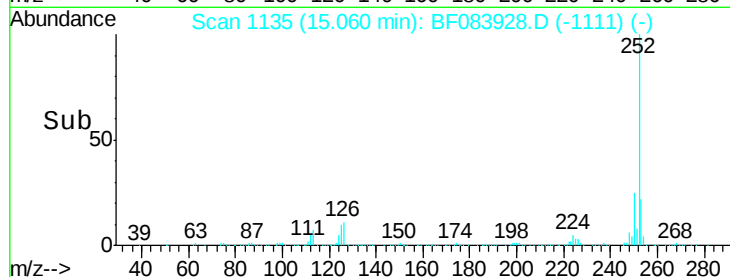
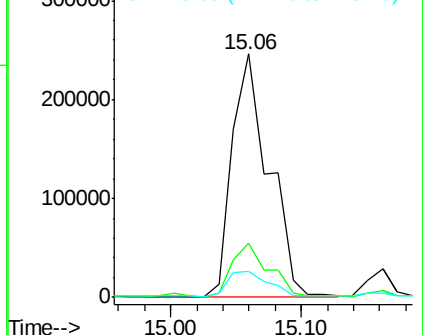
125 10.8 9.0 13.6



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: 18.44 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

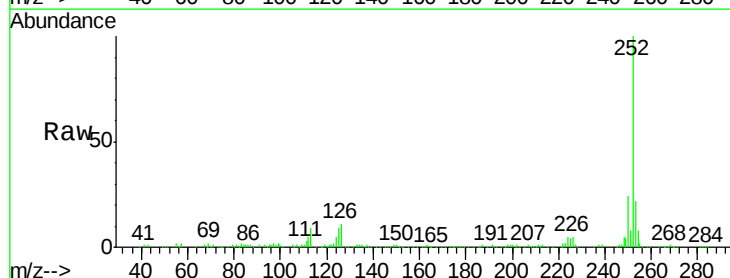
Tgt Ion:252 Resp: 230408

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

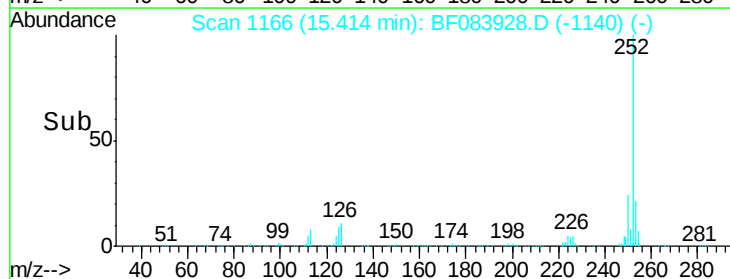
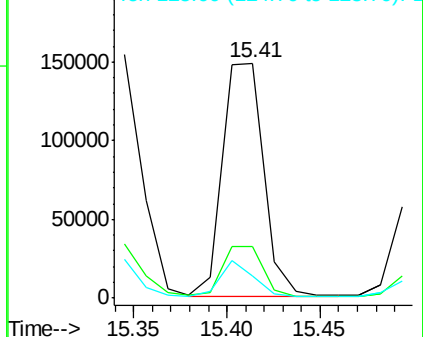
125 9.5 7.0 10.4

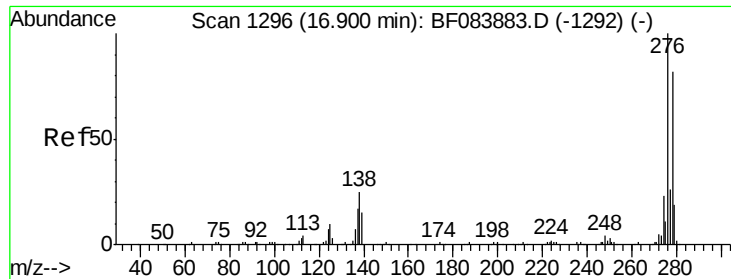


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 3.24 ng

RT: 17.06 min Scan# 1310

Delta R.T. 0.16 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

Instrument :

BNA_F

ClientSampleId :

K210-10-15DL

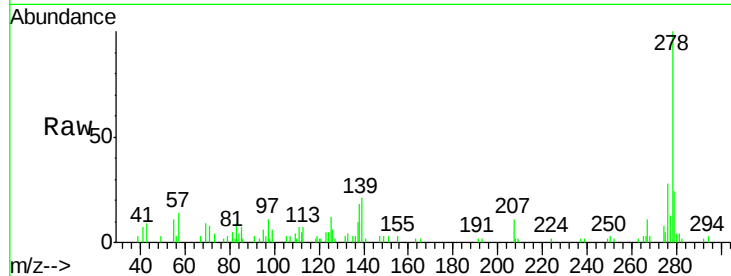
Tgt Ion:278 Resp: 31492

Ion Ratio Lower Upper

278 100

139 20.7 15.0 22.4

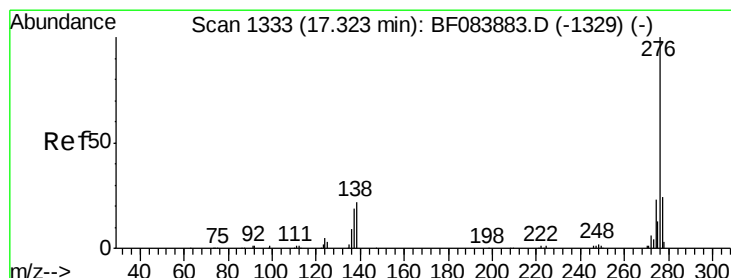
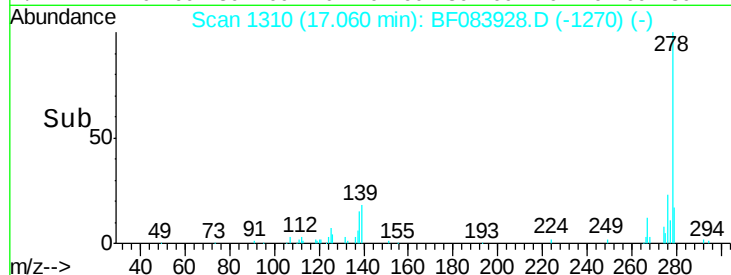
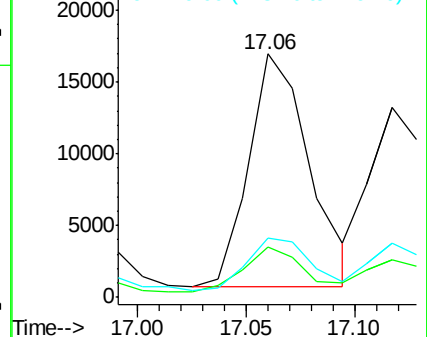
279 24.2 18.9 28.3



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(g,h,i)perylene

Concen: 23.57 ng

RT: 17.32 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF083928.D

Acq: 18 Dec 2015 22:17

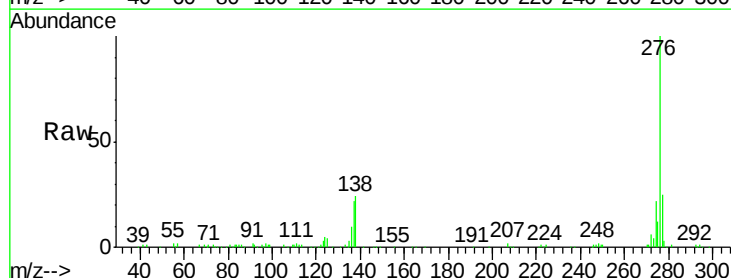
Tgt Ion:276 Resp: 224545

Ion Ratio Lower Upper

276 100

277 24.5 18.8 28.2

138 24.4 17.8 26.6



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

