

Data Path : C:\DOCUMENTS AND SETTINGS\AYUL\DESKTOP\BF051415\
 Data File : BF079238.D
 Acq On : 14 May 2015 17:46
 Operator : TP/IZ
 Sample : G2215-11MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-39SMS

Quant Time: Aug 05 04:07:44 2015
 Quant Method : C:\DOCUMENTS AND SETTINGS\AYUL\DESKTOP\BF051415\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 05:08:22 2015
 Response via : Initial Calibration

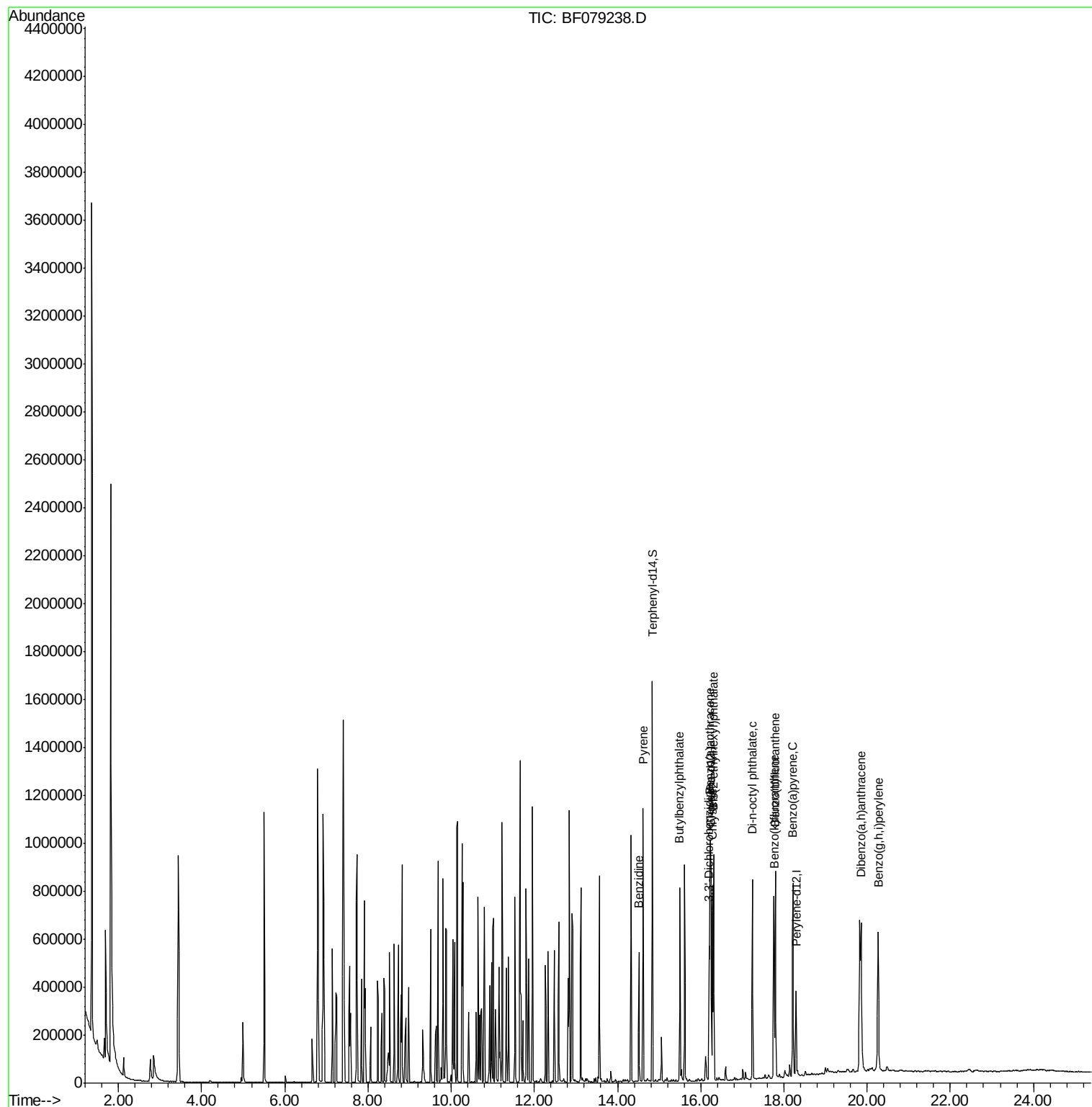
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.13
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.71
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.88
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.72
75) Chrysene-d12	16.24	240	201232	20.00	ng	0.22
86) Perylene-d12	18.30	264	215190	20.00	ng	0.48
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.84	82	10538	0.00	ng	0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	14.83	244	603316	71.78	ng	0.11
Target Compounds						
76) Benzidine	14.51	184	230222	42.45	ng	Qvalue 97
77) Pyrene	14.62	202	540524	46.61	ng	99
79) Butylbenzylphthalate	15.50	149	215845	42.58	ng	99
80) Benzo(a)anthracene	16.23	228	464231	42.13	ng	98
81) 3,3'-Dichlorobenzidine	16.21	252	145728	37.13	ng	# 96
82) Chrysene	16.29	228	442709	41.77	ng	99
83) Bis(2-ethylhexyl)phthalate	16.31	149	319588	41.63	ng	# 98
84) Di-n-octyl phthalate	17.25	149	528700	39.10	ng	98
87) Benzo(b)fluoranthene	17.79	252	457164	38.81	ng	# 96
88) Benzo(k)fluoranthene	17.76	252	504433	44.24	ng	99
89) Benzo(a)pyrene	18.22	252	479022	44.17	ng	99
90) Dibenzo(a,h)anthracene	19.86	278	460743	39.97	ng	99
91) Benzo(a,h,i)perylene	20.26	276	489710	42.39	ng	97

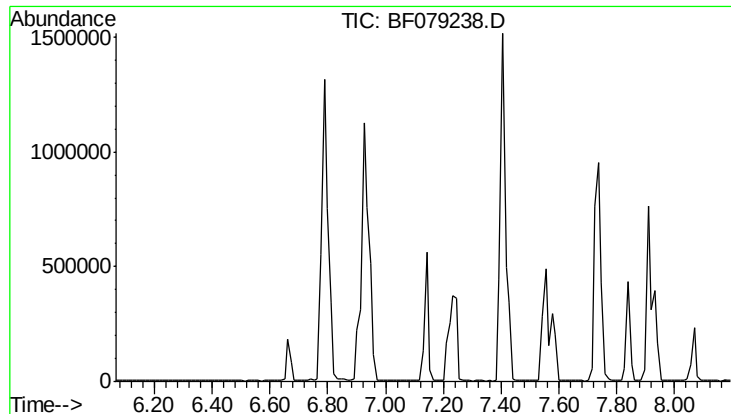
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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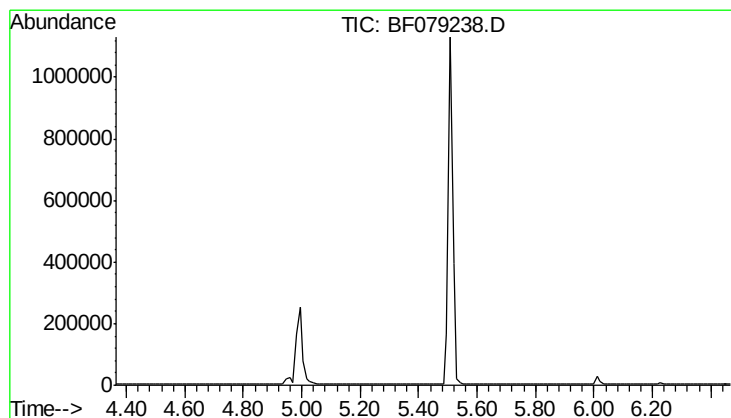
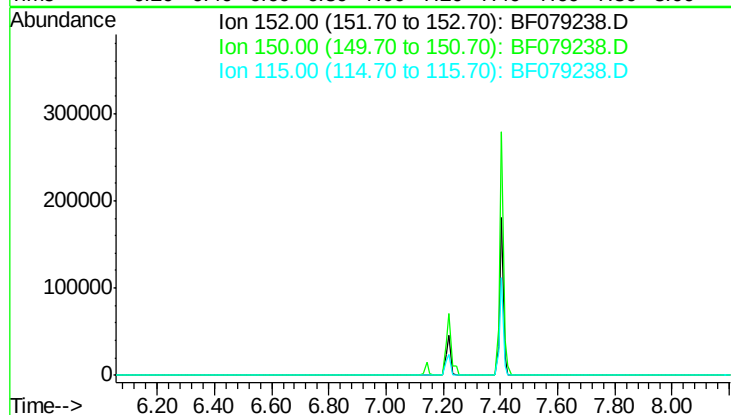




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 7.13 min
 Lab File: BF079238.D
 Acq: 14 May 2015 17:46

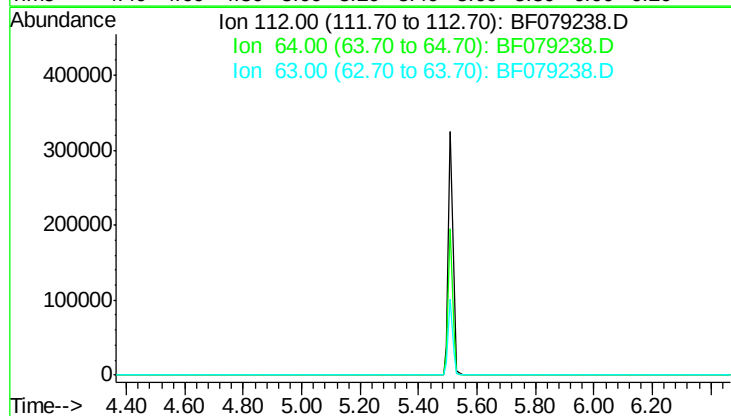
Instrument :
 BNA_F
 ClientSampleId :
 SB-39SMS

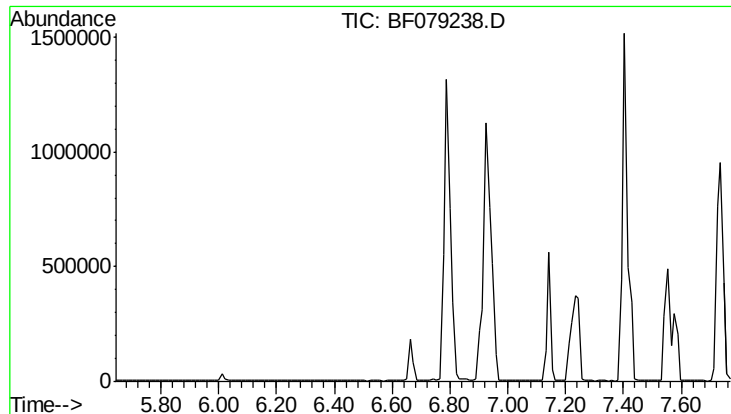
Tot Ion	152
Sig	Exp Ratio
152	100
150	154.8
115	61.7



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.42 min
 Lab File: BF079238.D
 Acq: 14 May 2015 17:46

Tgt Ion	112
Sig	Exp Ratio
112	100
64	55.2
63	28.4





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.71 min

Lab File: BF079238.D

Acq: 14 May 2015 17:46

Instrument :

BNA_F

ClientSampleId :

SB-39SMS

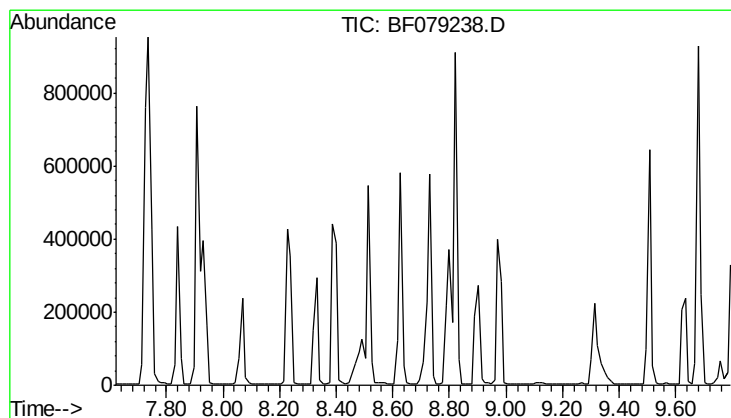
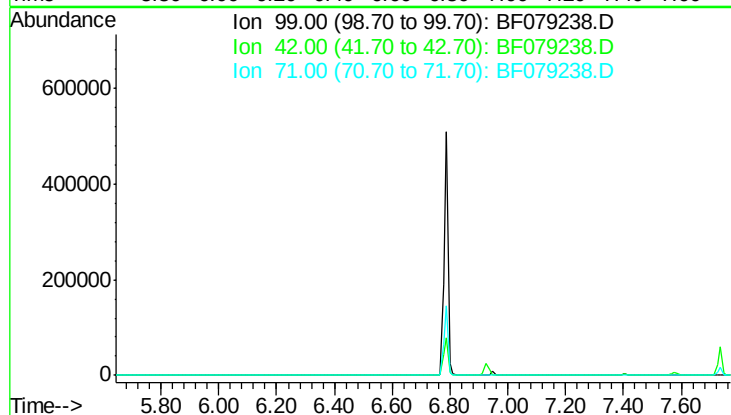
Tot Ion: 99

Sig Exp Ratio

99 100

42 21.4

71 32.9



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 8.71 min

Lab File: BF079238.D

Acq: 14 May 2015 17:46

Tgt Ion: 136

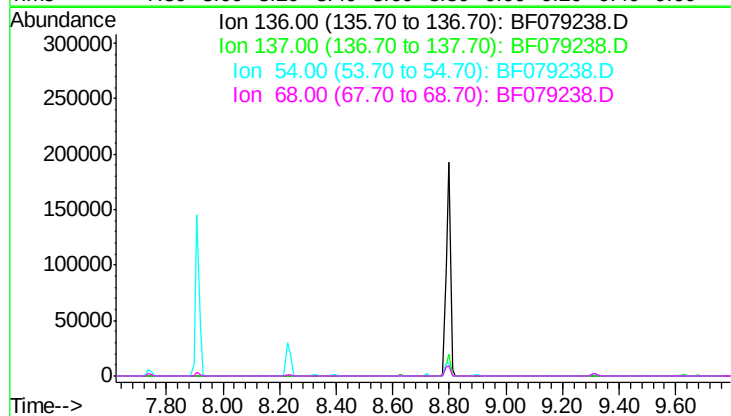
Sig Exp Ratio

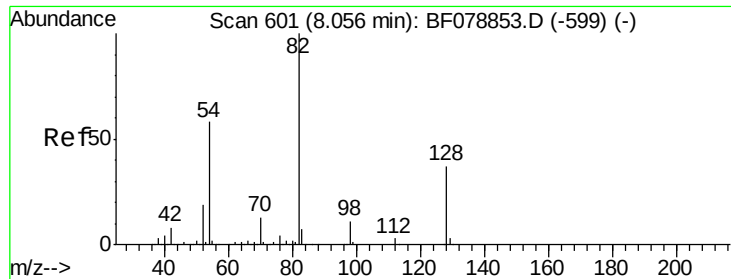
136 100

137 11.0

54 8.6

68 6.1

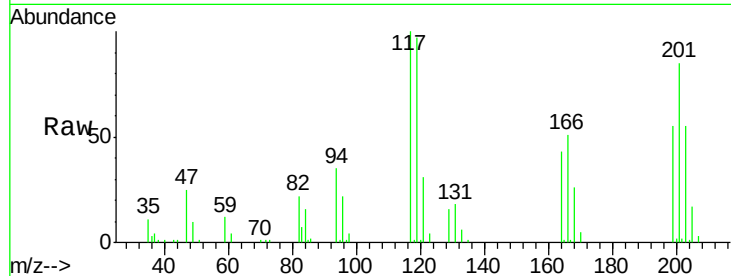




#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 7.84 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF079238.D
Acq: 14 May 2015 17:46

Instrument :
BNA_F
ClientSampleId :
SB-39SMS

Tot Ion	82	128	54
Resp	10538		
Ratio	100	0.0	0.0
Lower		29.7	46.2
Upper		44.5#	69.4#

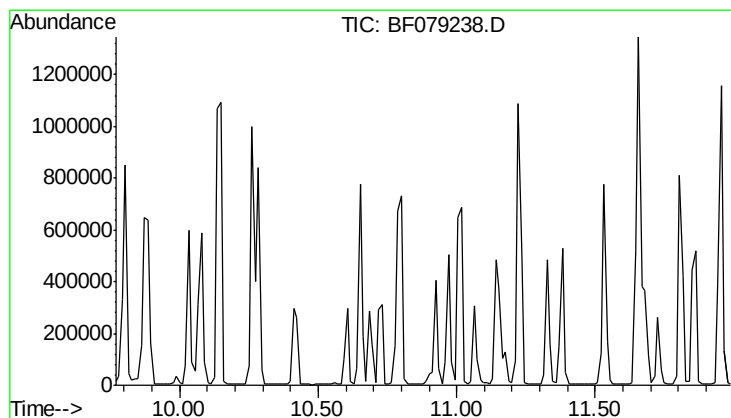
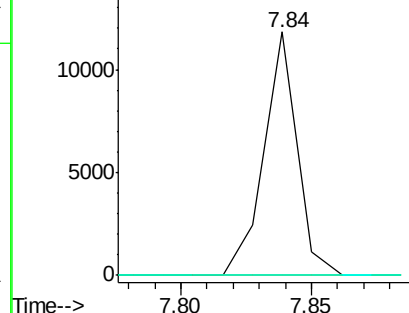
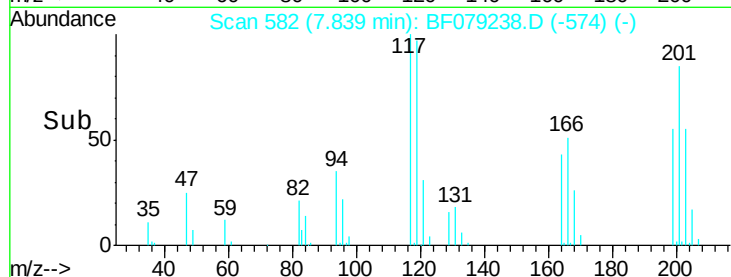


Abundance

Ion 82.00 (81.70 to 82.70): BF0

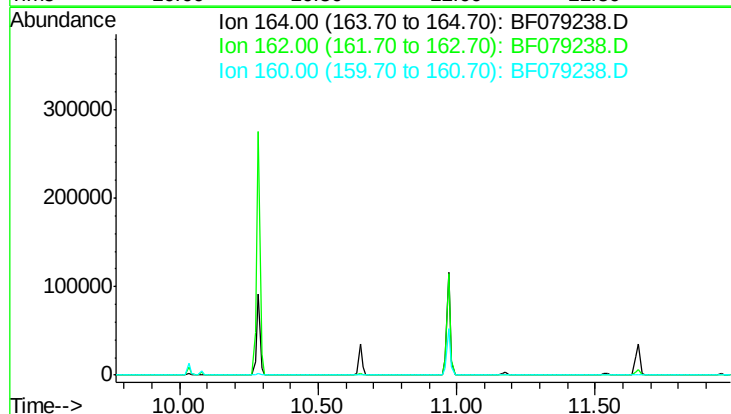
Ion 128.00 (127.70 to 128.70): B

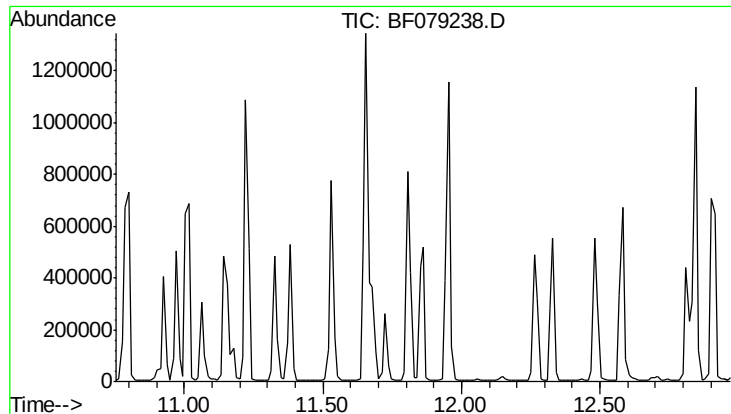
Ion 54.00 (53.70 to 54.70): BF0



#38
Acenaphthene-d10
Concen: 0.00 ng
Expected RT: 10.88 min
Lab File: BF079238.D
Acq: 14 May 2015 17:46

Tgt Ion	164	162	160
Sig	100	101.7	45.7
Exp Ratio			

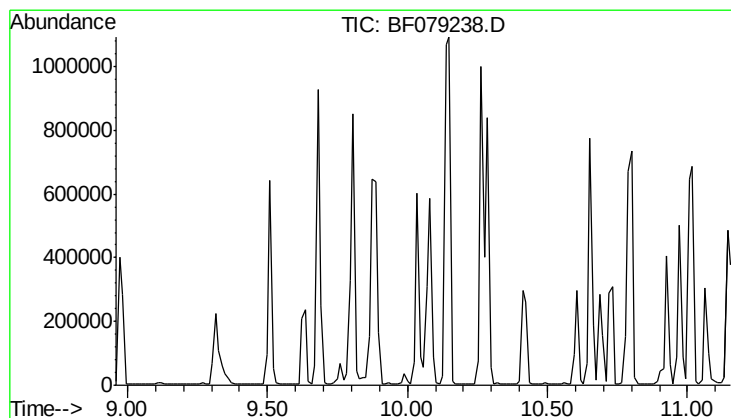
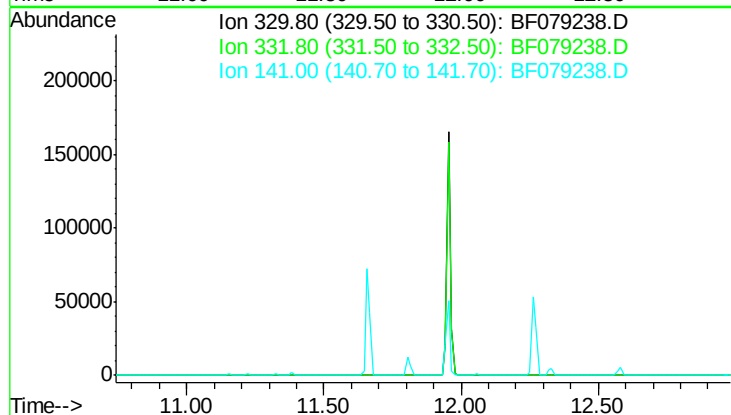




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 11.86 min
 Lab File: BF079238.D
 Acq: 14 May 2015 17:46

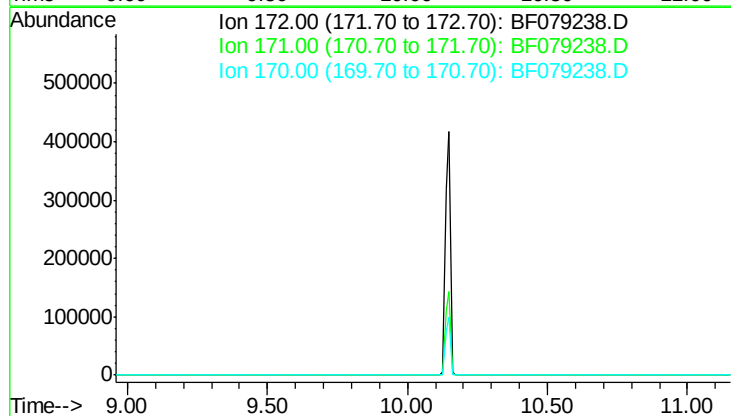
Instrument :
 BNA_F
 ClientSampleId :
 SB-39SMS

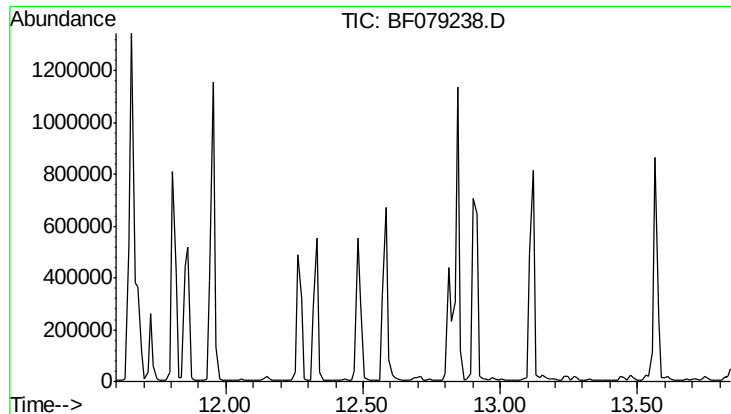
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.1
 141 34.8



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 10.06 min
 Lab File: BF079238.D
 Acq: 14 May 2015 17:46

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 35.4
 170 24.3

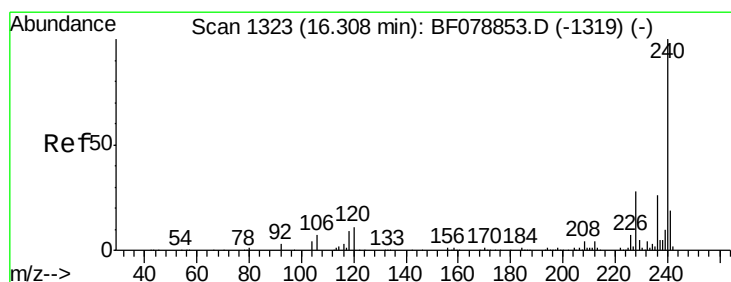
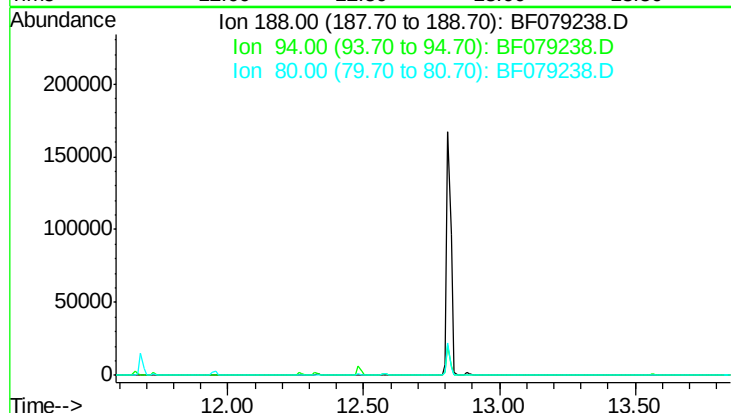




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 12.72 min
 Lab File: BF079238.D
 Acq: 14 May 2015 17:46

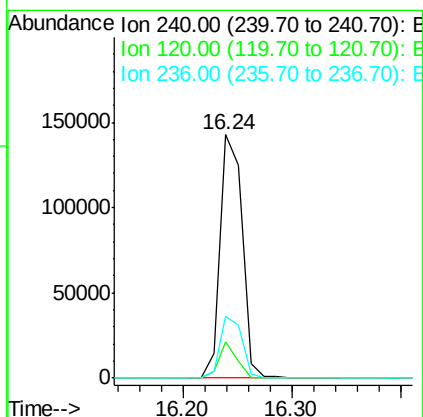
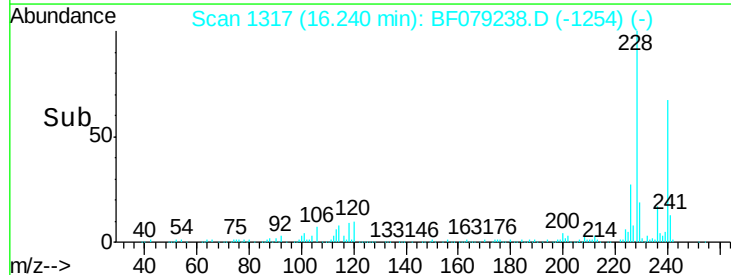
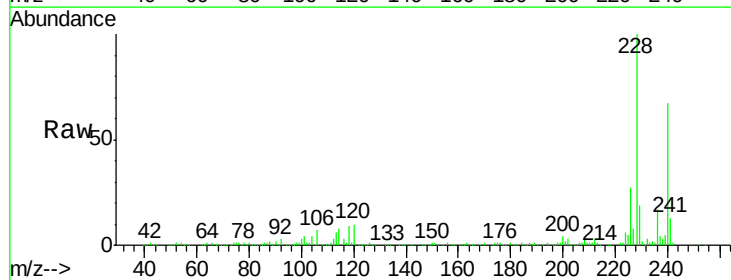
Instrument :
 BNA_F
 ClientSampleId :
 SB-39SMS

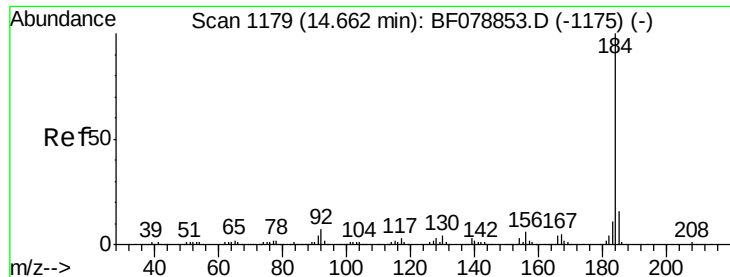
Tot Ion: 188
 Sig Exp Ratio
 188 100
 94 11.7
 80 12.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.24 min Scan# 1317
 Delta R.T. 0.22 min
 Lab File: BF079238.D
 Acq: 14 May 2015 17:46

Tgt Ion: 240 Resp: 201232
 Ion Ratio Lower Upper
 240 100
 120 15.0 8.6 12.8#
 236 25.3 21.0 31.6





#76

Benzidine

Concen: 42.45 ng

RT: 14.51 min Scan# 1166

Delta R.T. 0.10 min

Lab File: BF079238.D

Acq: 14 May 2015 17:46

Instrument :

BNA_F

ClientSampleId :

SB-39SMS

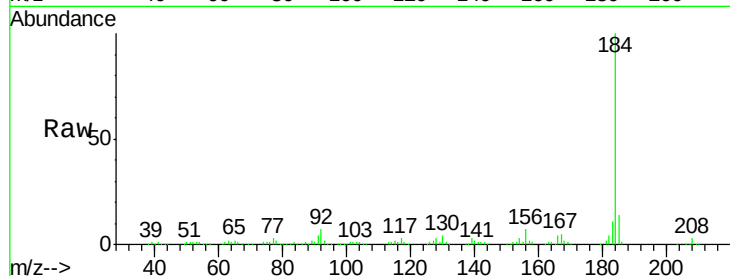
Tot Ion:184 Resp: 230222

Ion Ratio Lower Upper

184 100

185 14.2 12.8 19.2

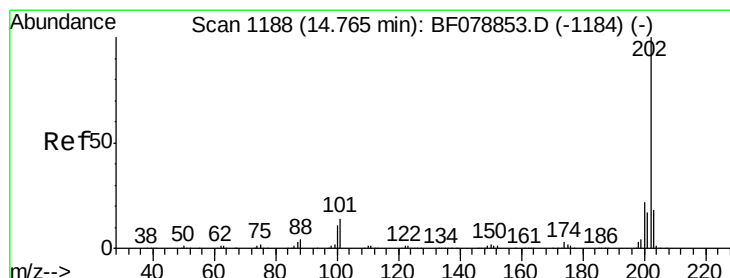
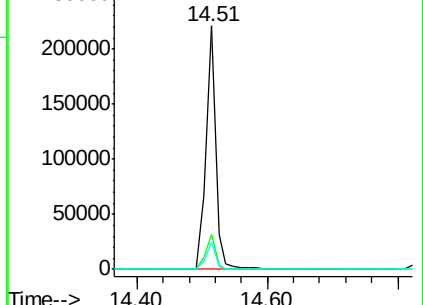
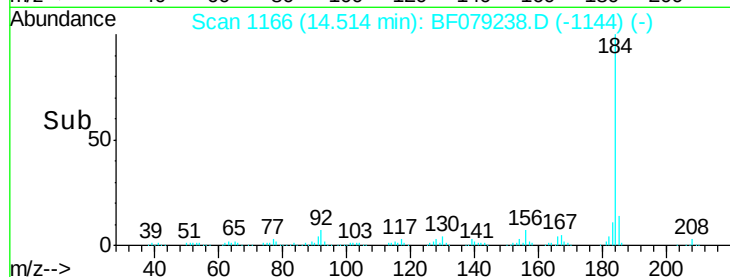
183 11.1 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 46.61 ng

RT: 14.62 min Scan# 1175

Delta R.T. 0.11 min

Lab File: BF079238.D

Acq: 14 May 2015 17:46

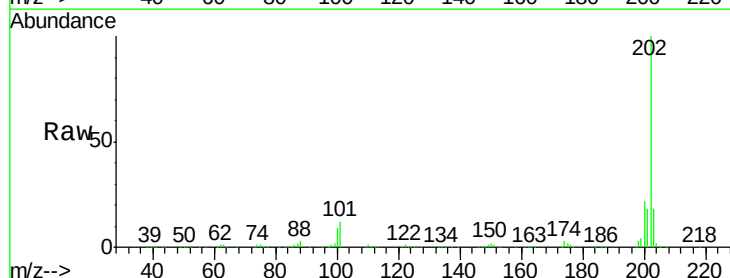
Tgt Ion:202 Resp: 540524

Ion Ratio Lower Upper

202 100

200 21.9 17.5 26.3

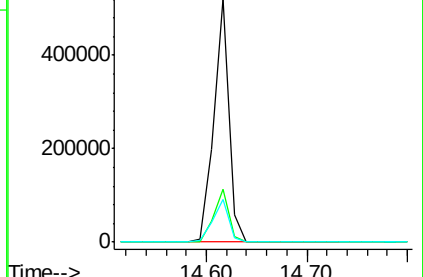
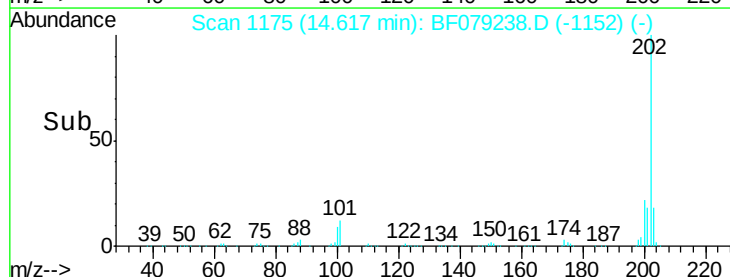
203 17.6 14.7 22.1

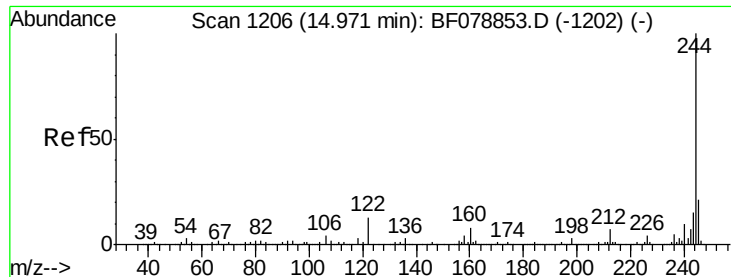


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 71.78 ng

RT: 14.83 min Scan# 1194

Delta R.T. 0.11 min

Lab File: BF079238.D

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Instrument :

BNA_F

ClientSampleId :

SB-39SMS

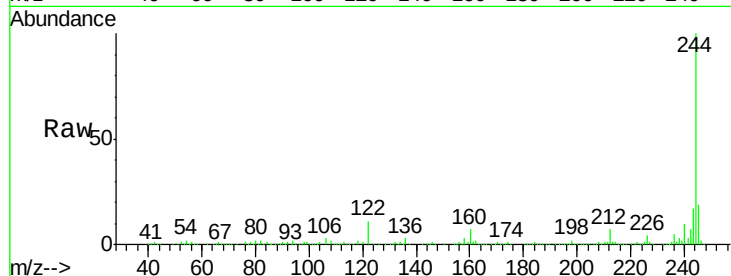
Tot Ion:244 Resp: 603316

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

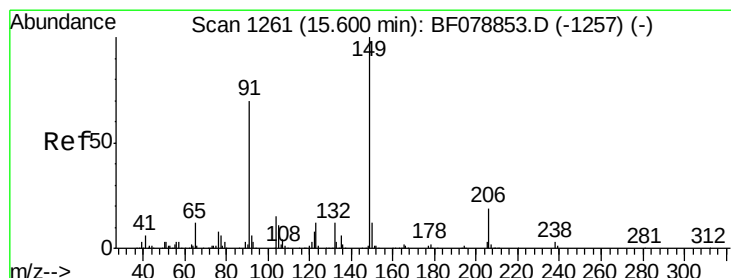
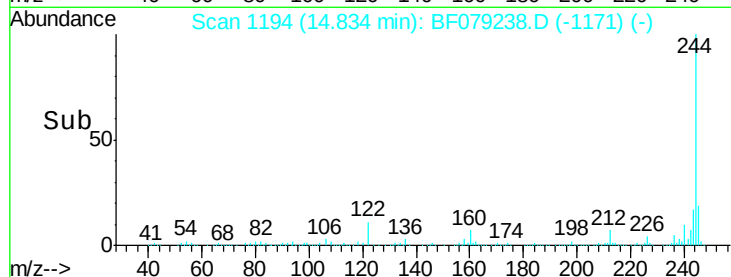
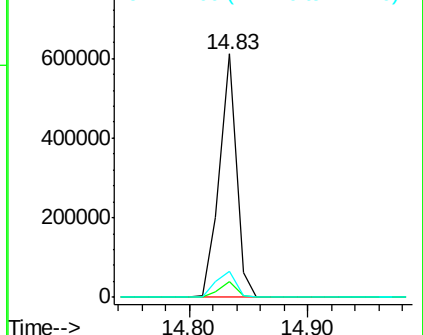
122 10.6 10.5 15.7



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



#79

Butylbenzylphthalate

Concen: 42.58 ng

RT: 15.50 min Scan# 1252

Delta R.T. 0.16 min

Lab File: BF079238.D

Acq: 14 May 2015 17:46

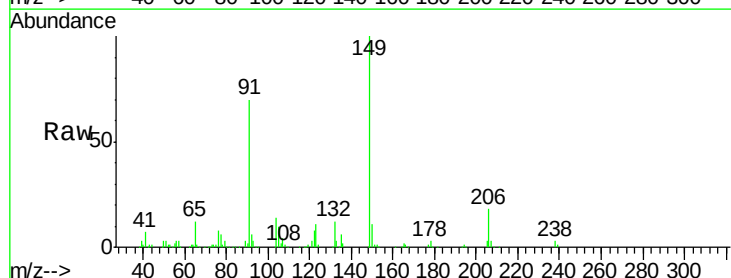
Tgt Ion:149 Resp: 215845

Ion Ratio Lower Upper

149 100

91 69.8 56.2 84.2

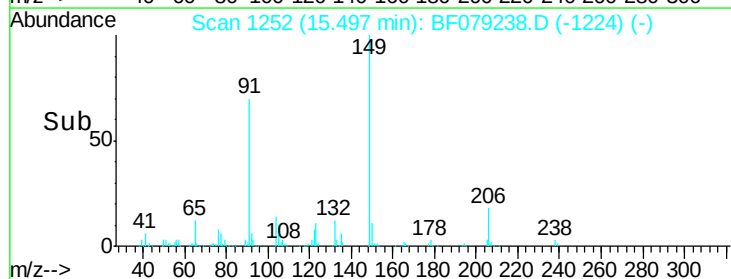
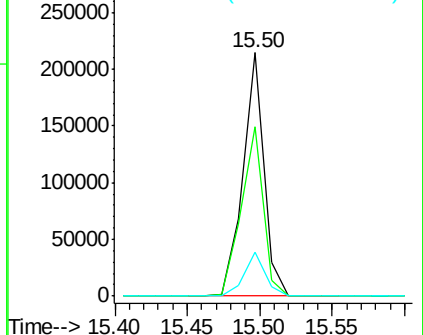
206 18.1 15.2 22.8

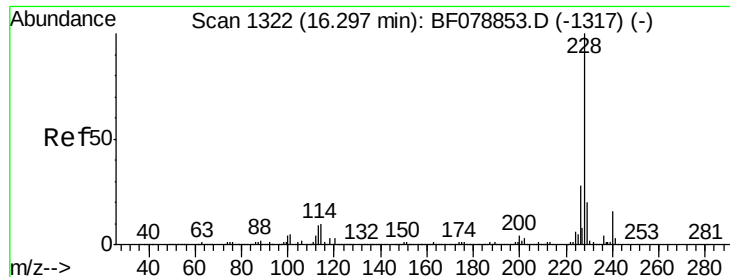


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 42.13 ng

RT: 16.23 min Scan# 1316

Delta R.T. 0.22 min

Lab File: BF079238.D

Acq: 14 May 2015 17:46

Instrument :

BNA_F

ClientSampleId :

SB-39SMS

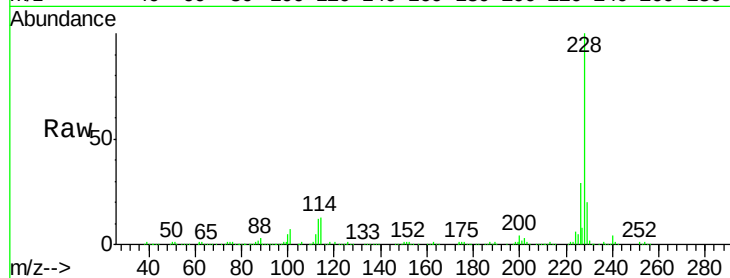
Tot Ion:228 Resp: 464231

Ion Ratio Lower Upper

228 100

226 29.1 22.3 33.5

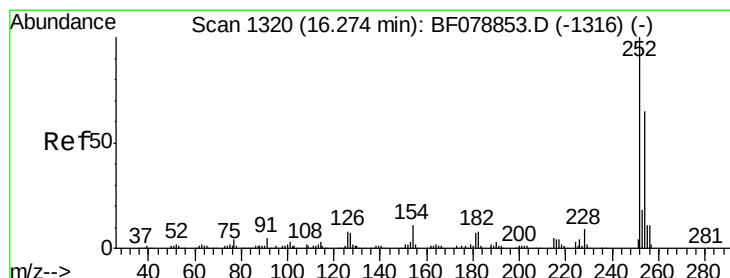
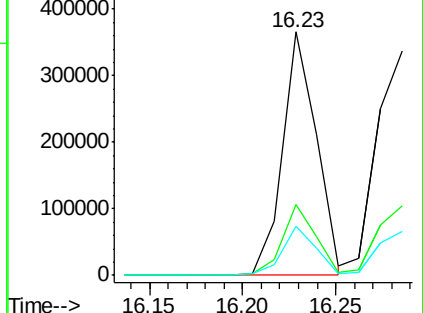
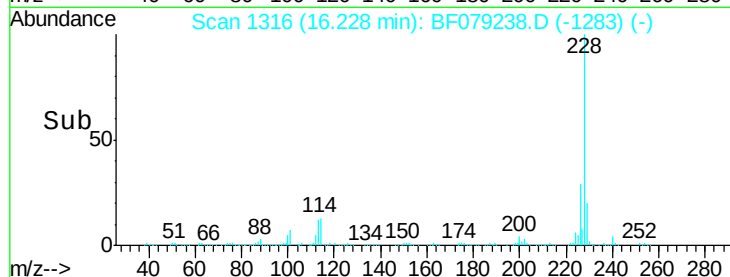
229 20.4 16.1 24.1



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



#81

3,3'-Dichlorobenzidine

Concen: 37.13 ng

RT: 16.21 min Scan# 1314

Delta R.T. 0.22 min

Lab File: BF079238.D

Acq: 14 May 2015 17:46

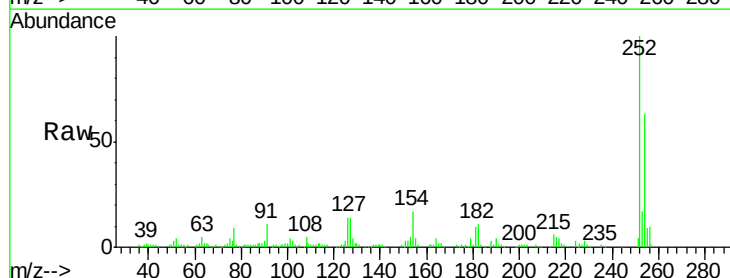
Tgt Ion:252 Resp: 145728

Ion Ratio Lower Upper

252 100

254 63.4 52.2 78.2

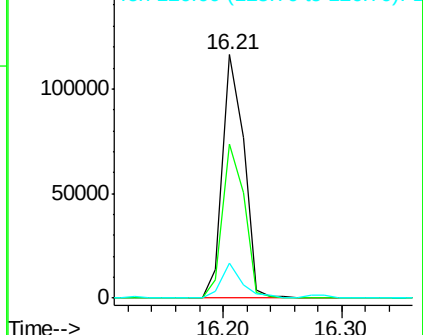
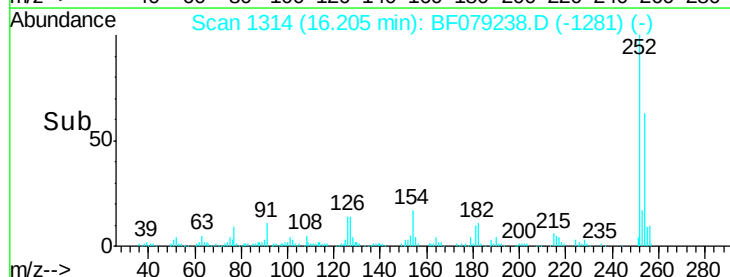
126 14.4 6.6 9.8#

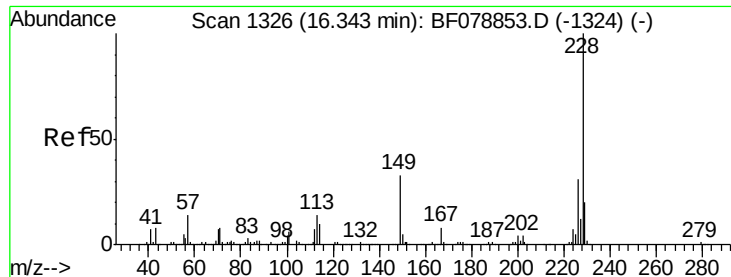


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 41.77 ng

RT: 16.29 min Scan# 1321

Delta R.T. 0.23 min

Lab File: BF079238.D

Acq: 14 May 2015 17:46

Instrument :

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ClientSampleId :

SB-39SMS

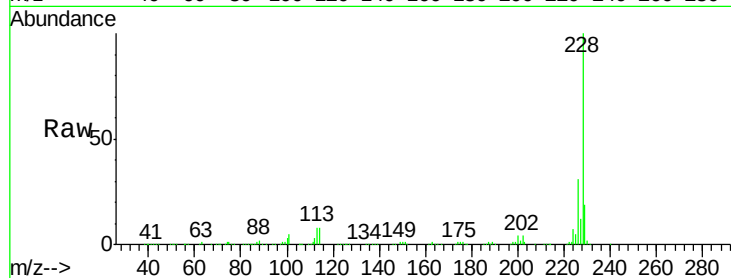
Tot Ion:228 Resp: 442709

Ion Ratio Lower Upper

228 100

226 31.0 24.8 37.2

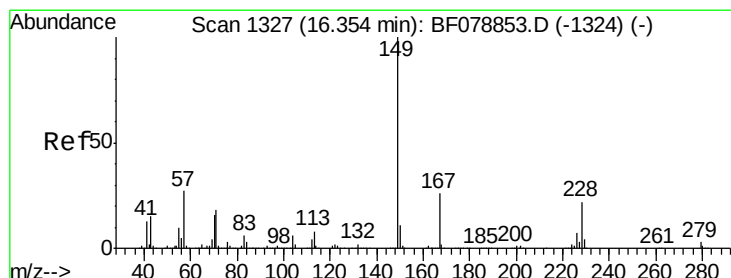
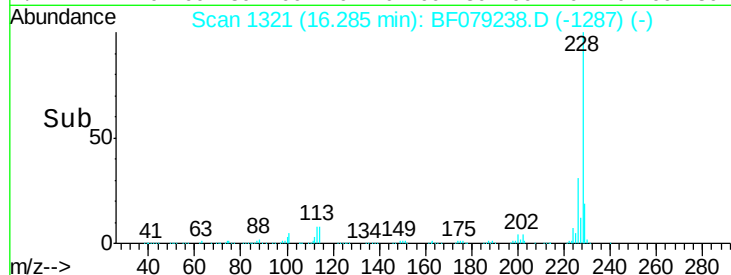
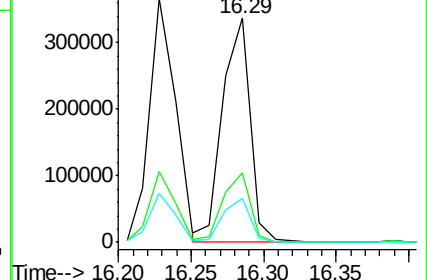
229 19.4 16.1 24.1



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 41.63 ng

RT: 16.31 min Scan# 1323

Delta R.T. 0.24 min

Lab File: BF079238.D

Acq: 14 May 2015 17:46

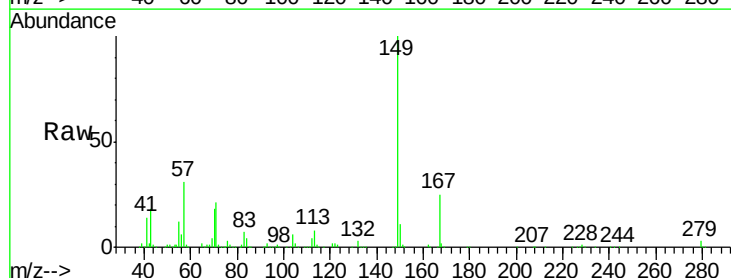
Tgt Ion:149 Resp: 319588

Ion Ratio Lower Upper

149 100

167 25.2 21.2 31.8

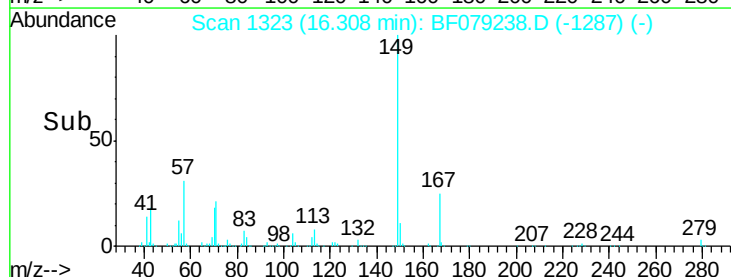
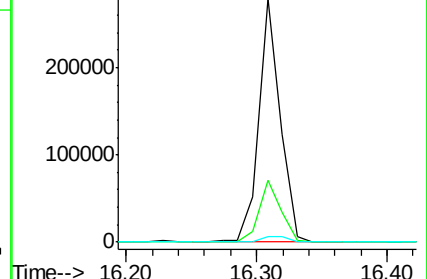
279 2.5 2.6 4.0#

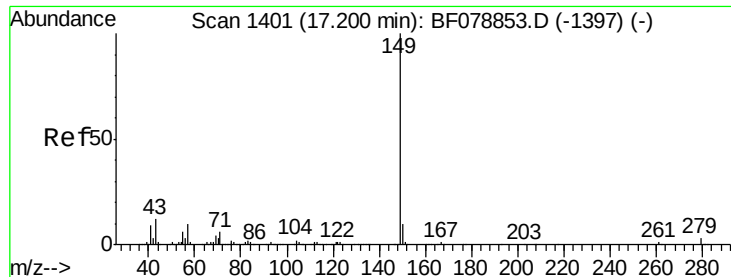


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

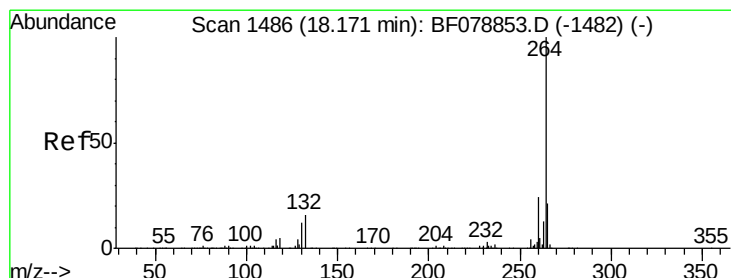
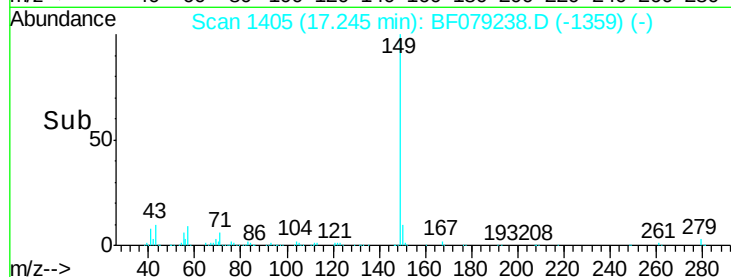
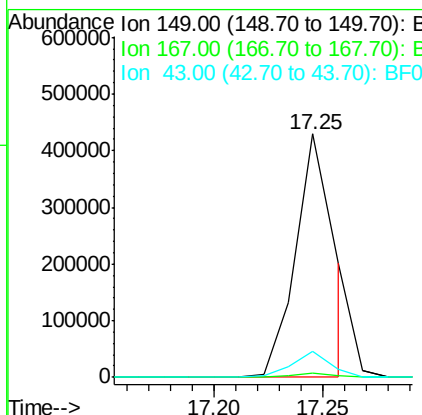
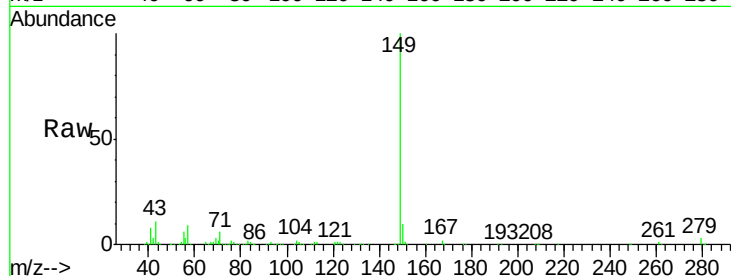




#84
Di-n-octyl phthalate
Concen: 39.10 ng
RT: 17.25 min Scan# 1405
Delta R.T. 0.35 min
Lab File: BF079238.D
Acq: 14 May 2015 17:46

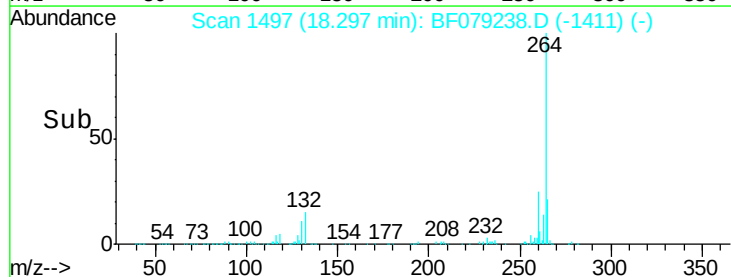
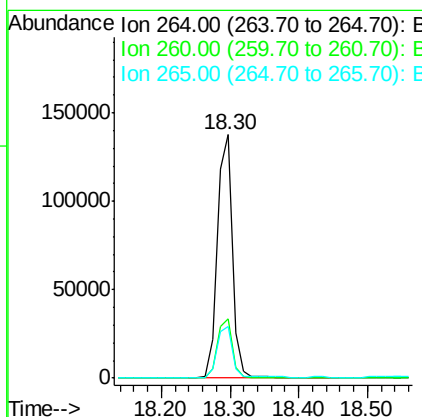
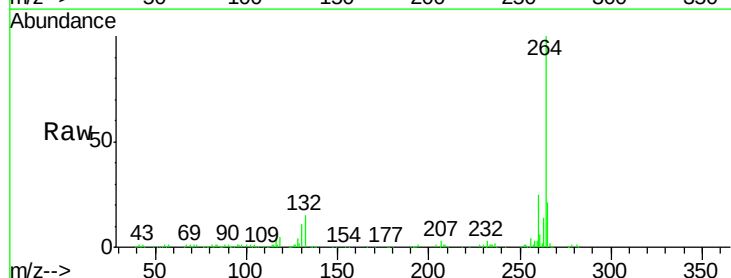
Instrument :
BNA_F
ClientSampleId :
SB-39SMS

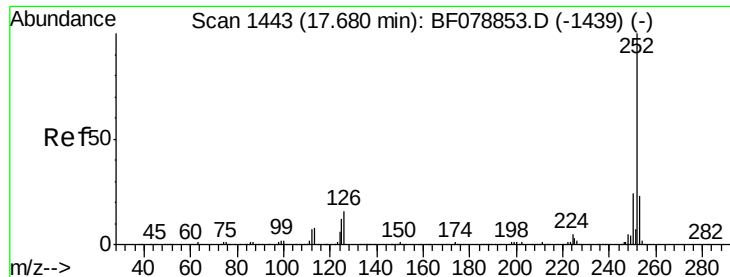
Tot Ion:149 Resp: 528700
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.4 9.0 13.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 18.30 min Scan# 1497
Delta R.T. 0.48 min
Lab File: BF079238.D
Acq: 14 May 2015 17:46

Tgt Ion:264 Resp: 215190
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.1 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 38.81 ng

RT: 17.79 min Scan# 1453

Delta R.T. 0.45 min

Lab File: BF079238.D

Acq: 14 May 2015 17:46

Instrument :

BNA_F

ClientSampleId :

SB-39SMS

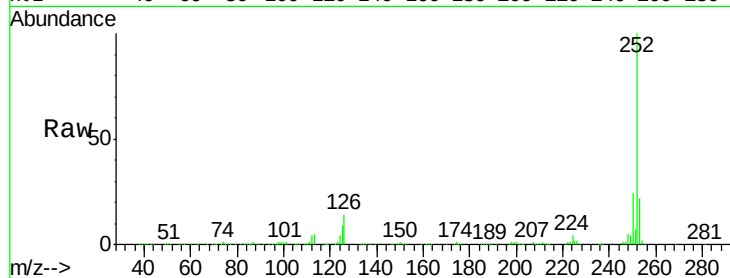
Tot Ion:252 Resp: 457164

Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

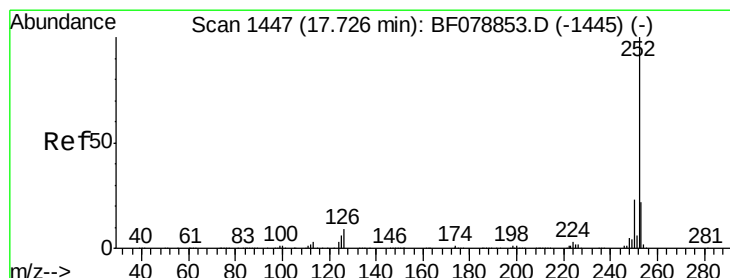
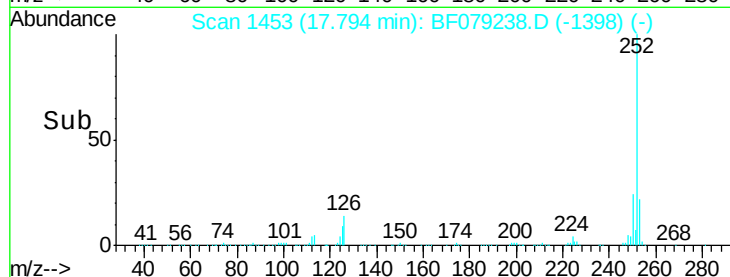
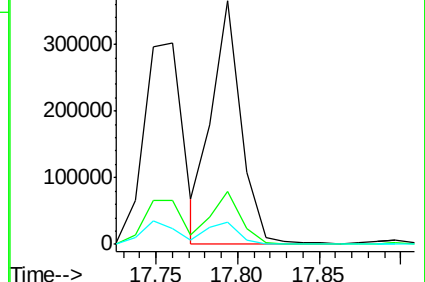
125 9.1 9.4 14.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.24 ng

RT: 17.76 min Scan# 1450

Delta R.T. 0.38 min

Lab File: BF079238.D

Acq: 14 May 2015 17:46

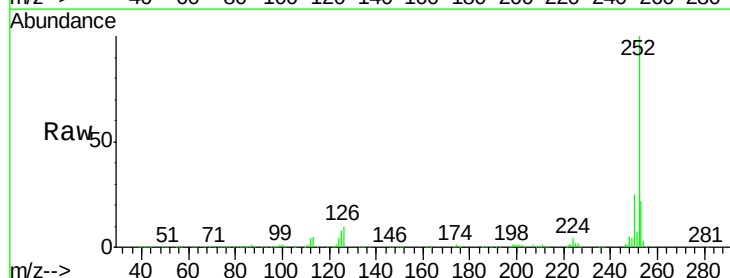
Tgt Ion:252 Resp: 504433

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

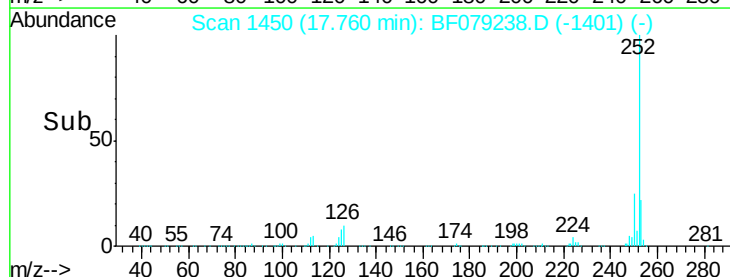
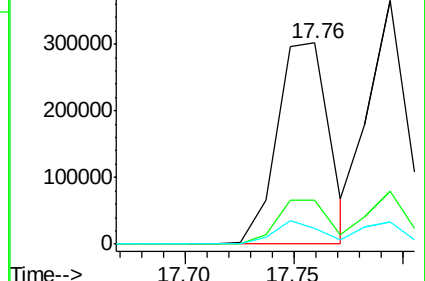
125 7.5 6.1 9.1

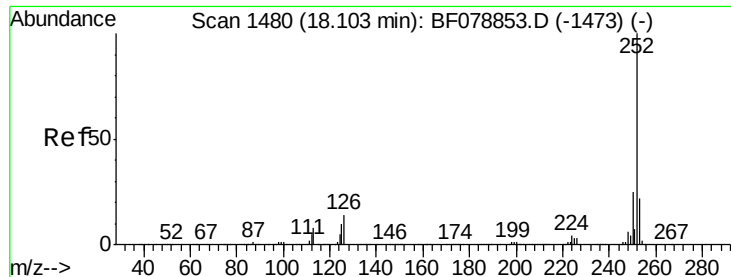


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.17 ng

RT: 18.22 min Scan# 1490

Delta R.T. 0.47 min

Lab File: BF079238.D

Acq: 14 May 2015 17:46

Instrument :

BNA_F

ClientSampleId :

SB-39SMS

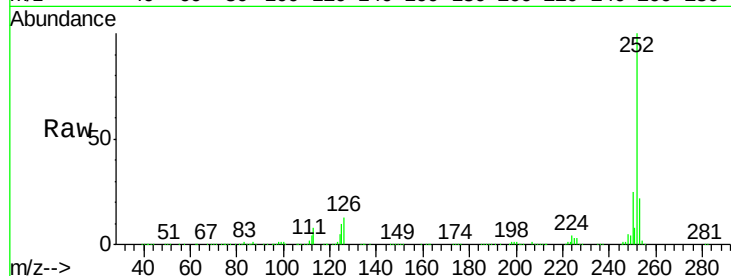
Tot Ion:252 Resp: 479022

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

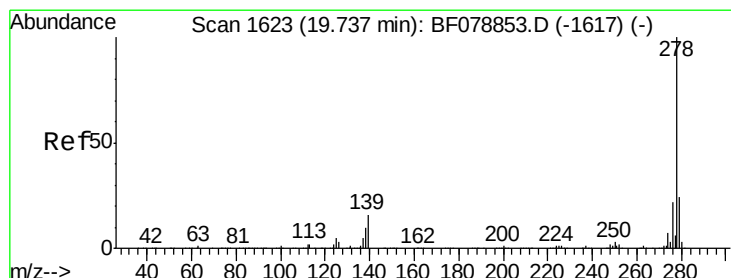
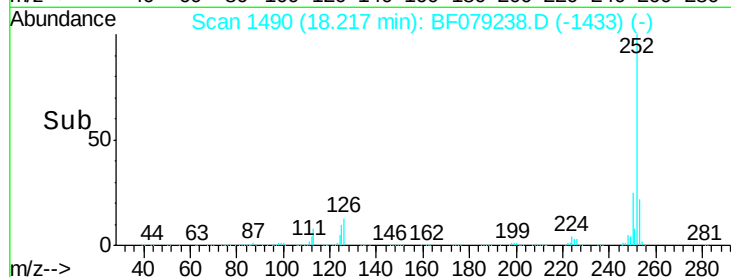
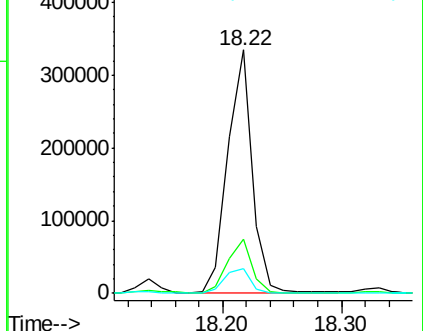
125 9.9 8.2 12.2



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: 39.97 ng

RT: 19.86 min Scan# 1634

Delta R.T. 0.62 min

Lab File: BF079238.D

Acq: 14 May 2015 17:46

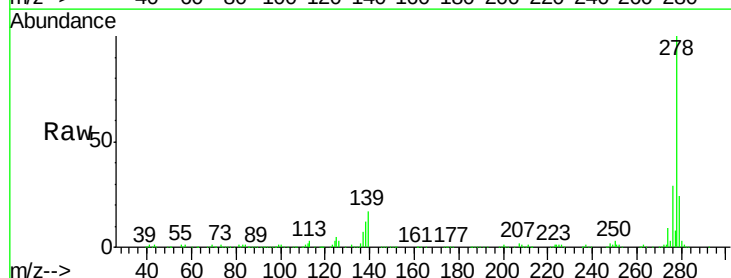
Tgt Ion:278 Resp: 460743

Ion Ratio Lower Upper

278 100

139 16.9 13.1 19.7

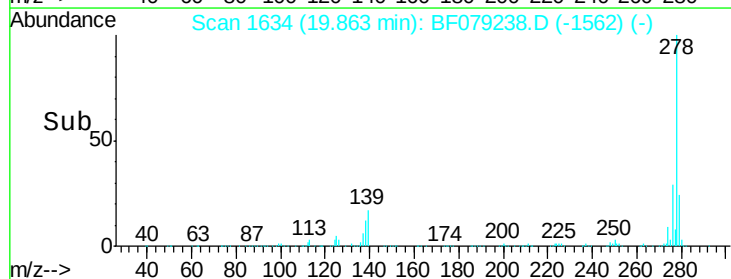
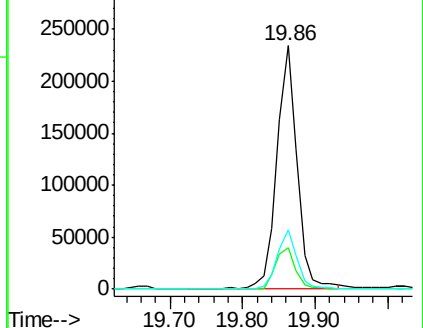
279 24.1 19.1 28.7

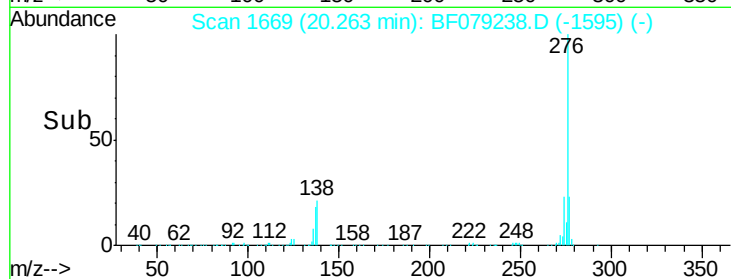
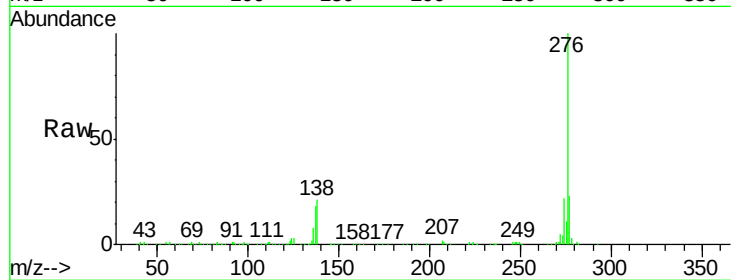
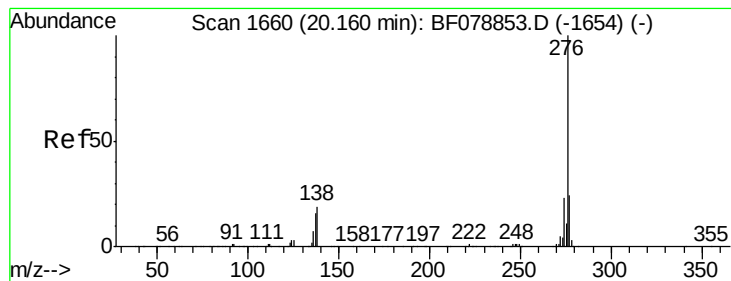


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.39 ng

RT: 20.26 min Scan# 1669

Delta R.T. 0.64 min

Lab File: BF079238.D

Acq: 14 May 2015 17:46

Instrument :

BNA_F

ClientSampleId :

SB-39SMS

Tot Ion: 276 Resp: 489710

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 21.4 15.2 22.8

