

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083179.D
 Acq On : 23 Nov 2015 1:05
 Operator : UM/IZ
 Sample : G4496-05
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A19-COMP

Quant Time: Nov 23 06:07:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

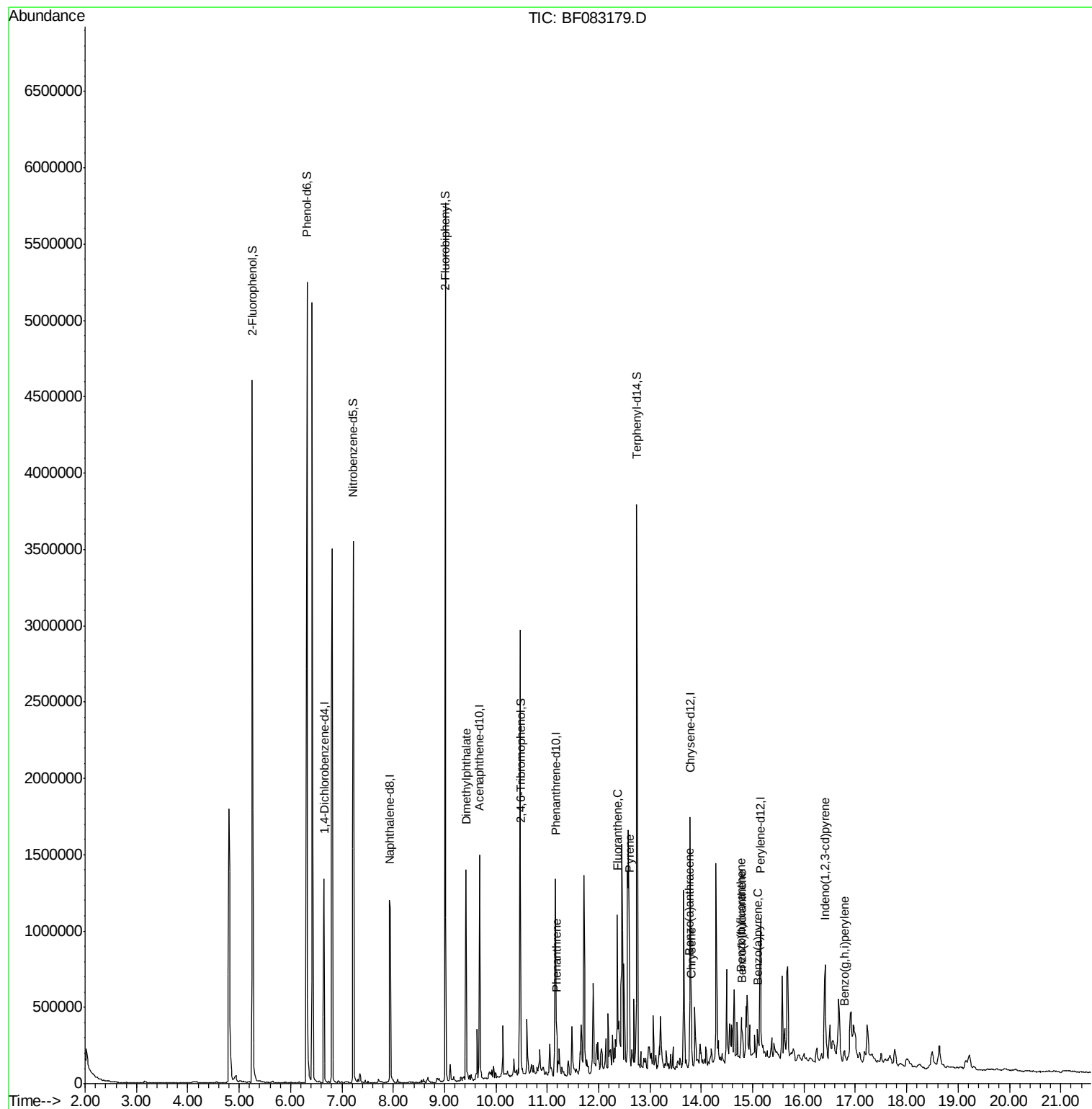
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	215895	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	787584	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	383954	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	662469	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	500829	20.00	ng	-0.02
86) Perylene-d12	15.15	264	463128	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1432613	100.32	ng	-0.02
7) Phenol-d6	6.32	99	2075990	112.36	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1333615	77.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	384262	97.82	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1824116	66.25	ng	-0.01
78) Terphenyl-d14	12.74	244	1458484	68.58	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.42	163	519357	17.57	ng	99
70) Phenanthrene	11.19	178	129221	3.39	ng	98
74) Fluoranthene	12.36	202	294257	7.53	ng	98
77) Pyrene	12.59	202	232395	6.79	ng	98
80) Benzo(a)anthracene	13.77	228	114596	3.70	ng	99
82) Chrysene	13.81	228	95354	3.32	ng	97
85) Indeno(1,2,3-cd)pyrene	16.41	276	56292	2.15	ng	97
87) Benzo(b)fluoranthene	14.78	252	122082m	3.86	ng	
88) Benzo(k)fluoranthene	14.79	252	51374m	2.18	ng	
89) Benzo(a)pyrene	15.10	252	84825	3.25	ng	# 94
91) Benzo(g,h,i)perylene	16.79	276	52366	2.26	ng	# 94

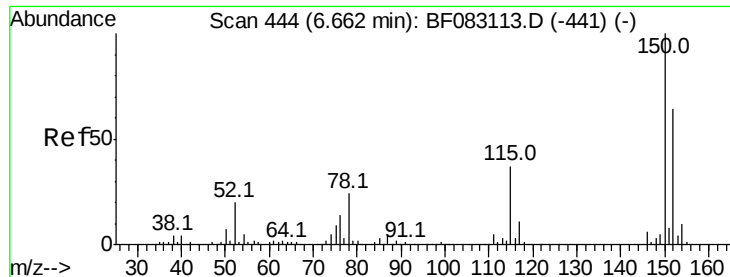
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083179.D
Acq On : 23 Nov 2015 1:05
Operator : UM/IZ
Sample : G4496-05
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A19-COMP

Quant Time: Nov 23 06:07:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF083179.D

Acq: 23 Nov 2015 1:05

Instrument :

BNA_F

ClientSampleId :

A19-COMP

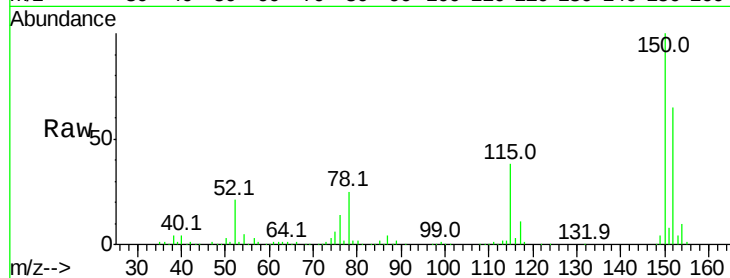
Tot Ion:152 Resp: 215895

Ion Ratio Lower Upper

152 100

150 154.9 125.8 188.8

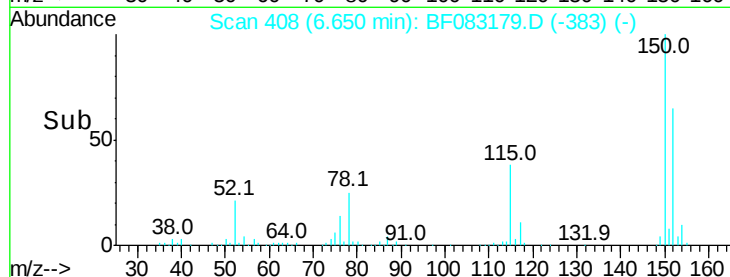
115 58.1 46.9 70.3



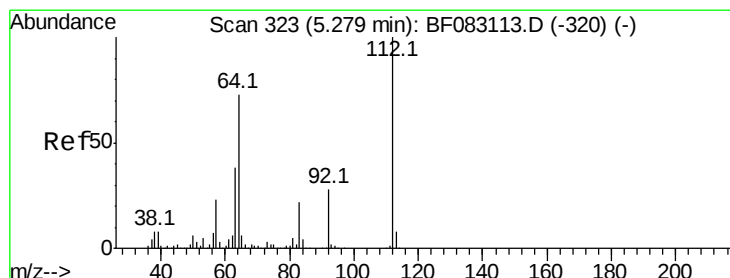
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 100.32 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083179.D

Acq: 23 Nov 2015 1:05

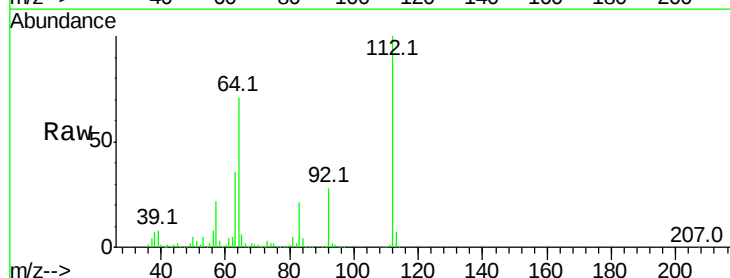
Tgt Ion:112 Resp: 1432613

Ion Ratio Lower Upper

112 100

64 70.7 58.4 87.6

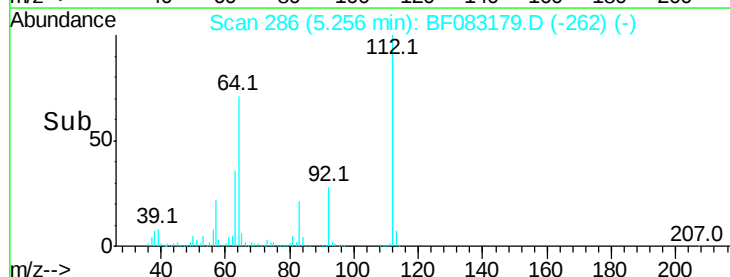
63 35.8 30.0 45.0



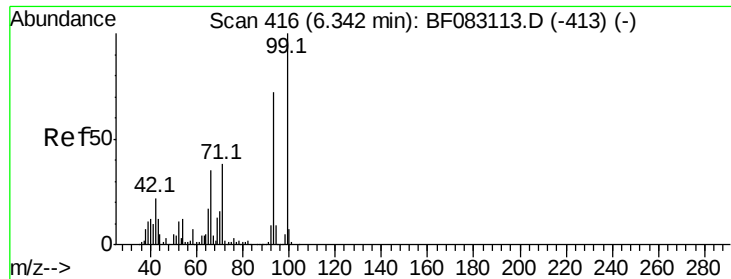
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 112.36 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083179.D

Acq: 23 Nov 2015 1:05

Instrument :

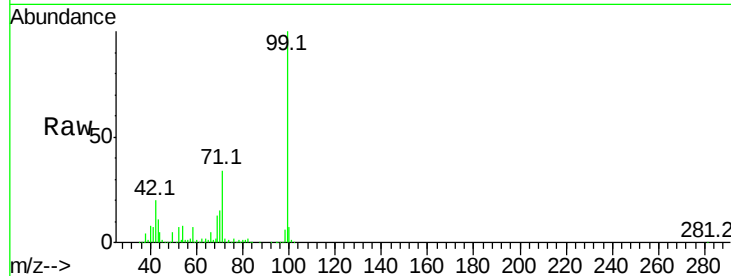
BNA_F

ClientSampleId :

A19-COMP

Tot Ion: 99 Resp: 2075990

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.7	26.5
71	34.3	30.2	45.4

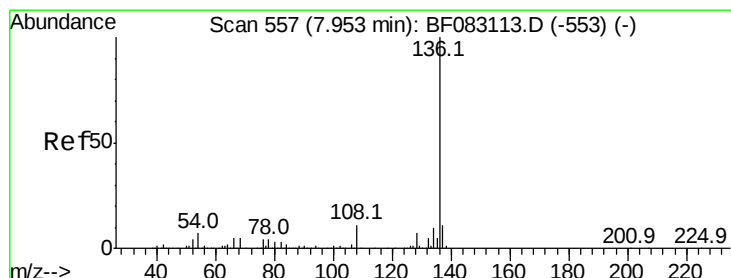
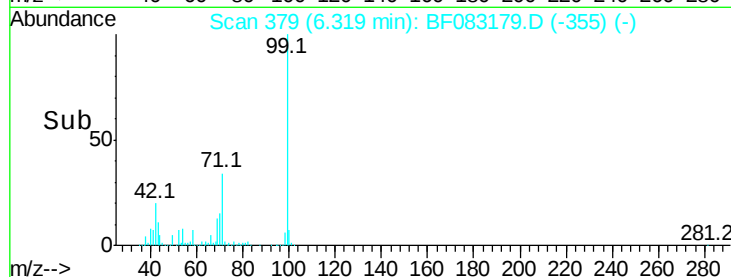


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

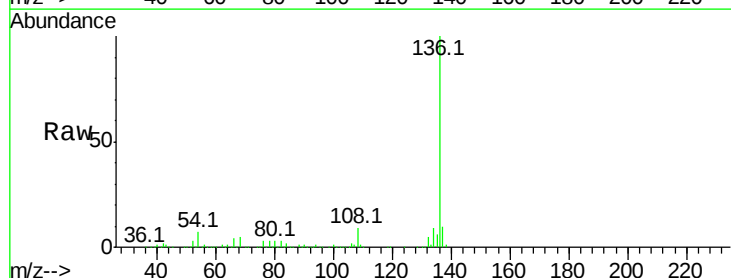
Delta R.T. -0.01 min

Lab File: BF083179.D

Acq: 23 Nov 2015 1:05

Tgt Ion: 136 Resp: 787584

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	6.9	5.8	8.6
68	5.4	3.8	5.8



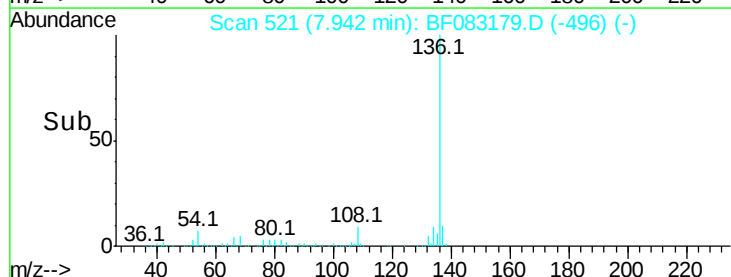
Abundance

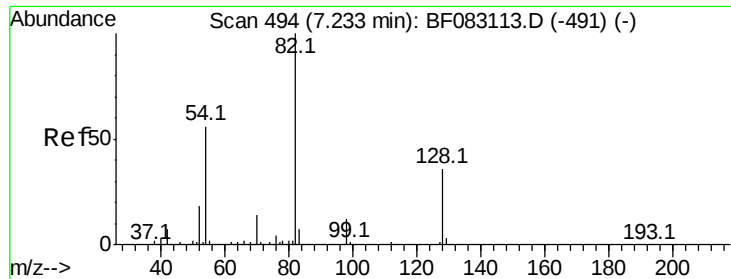
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 77.37 ng

RT: 7.22 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083179.D

Acq: 23 Nov 2015 1:05

Instrument :

BNA_F

ClientSampleId :

A19-COMP

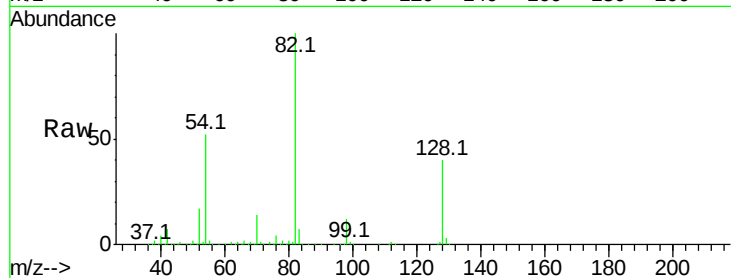
Tot Ion: 82 Resp: 1333615

Ion Ratio Lower Upper

82 100

128 39.7 28.5 42.7

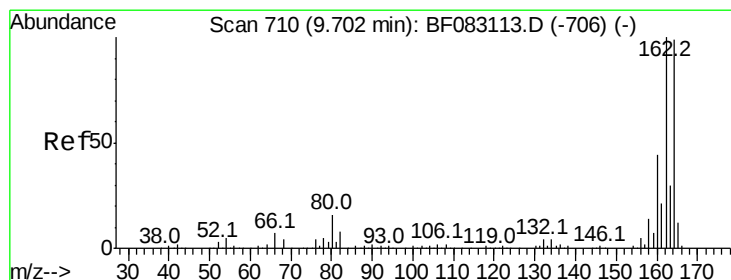
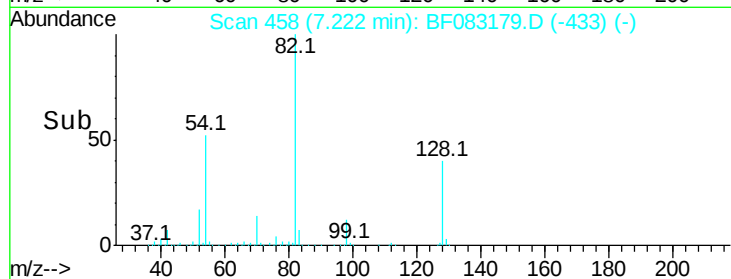
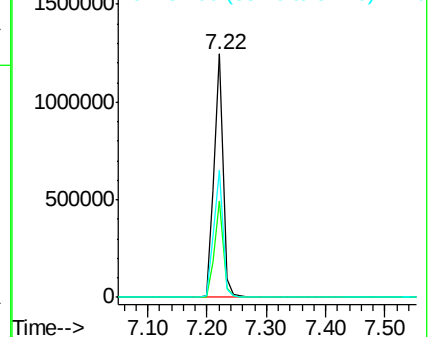
54 52.4 44.6 67.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF083179.D

Acq: 23 Nov 2015 1:05

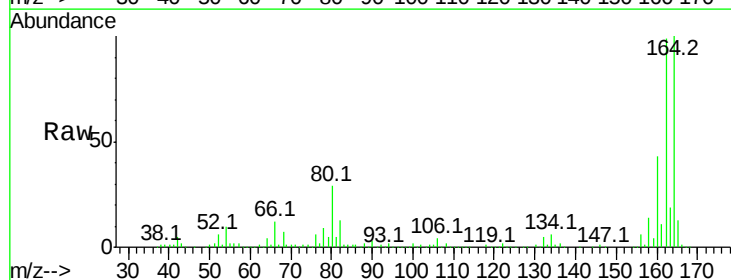
Tgt Ion: 164 Resp: 383954

Ion Ratio Lower Upper

164 100

162 99.1 81.2 121.8

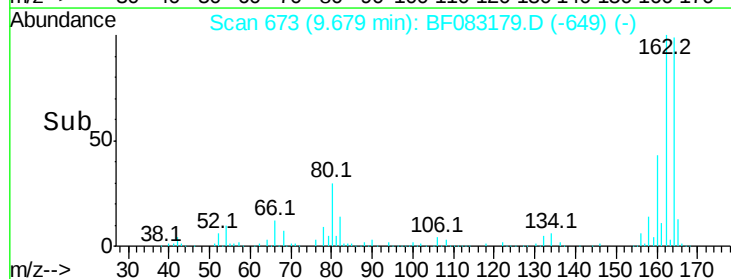
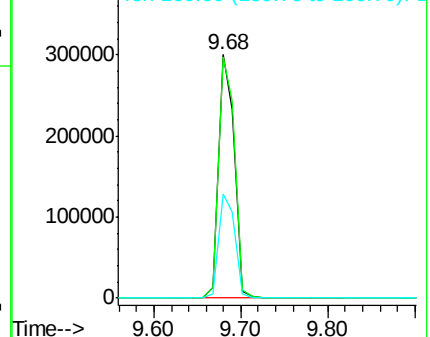
160 42.7 35.6 53.4

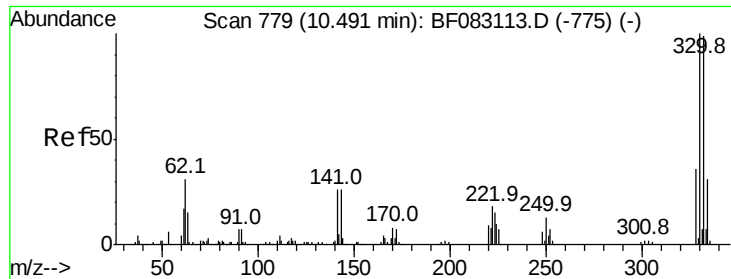


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

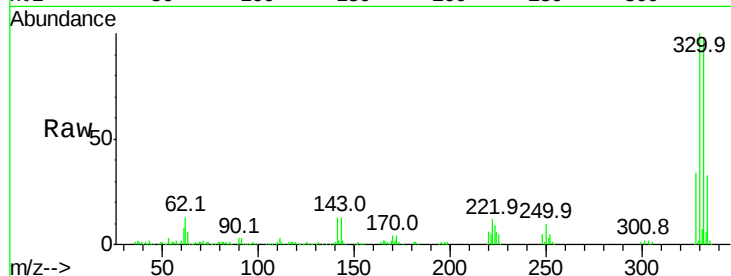




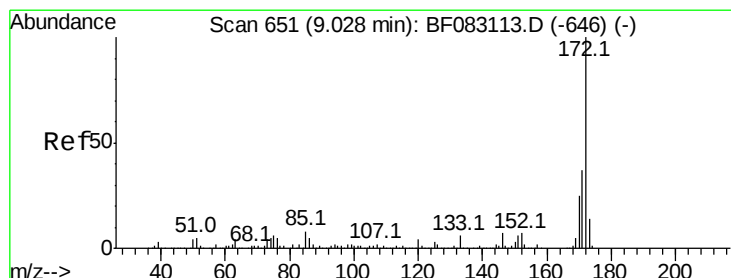
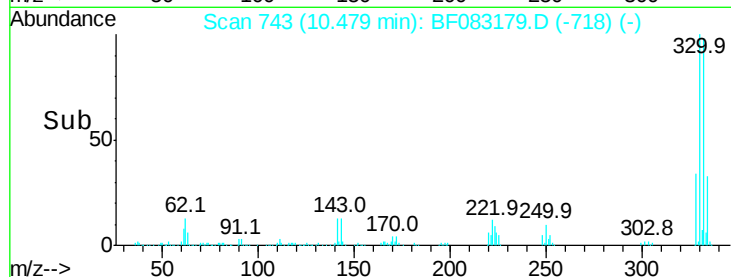
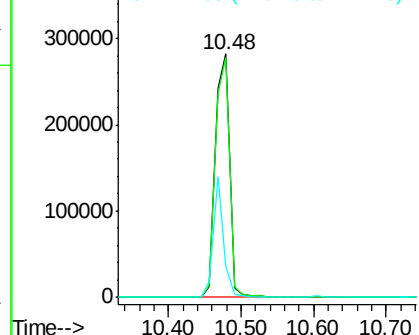
#41
 2,4,6-Tribromophenol
 Concen: 97.82 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083179.D
 Acq: 23 Nov 2015 1:05

Instrument :
 BNA_F
 ClientSampleId :
 A19-COMP

Tot Ion:330 Resp: 384262
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.7 116.5
 141 36.0 29.7 44.5

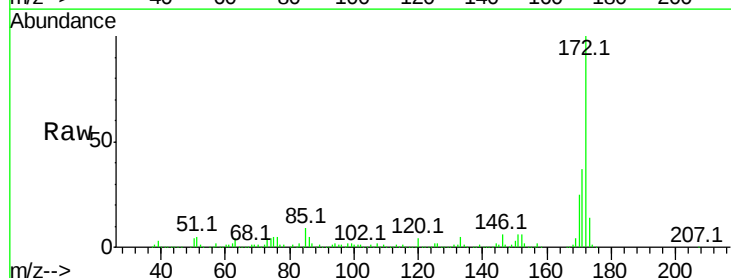


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

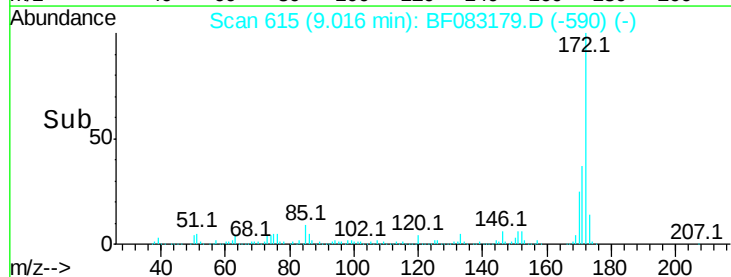
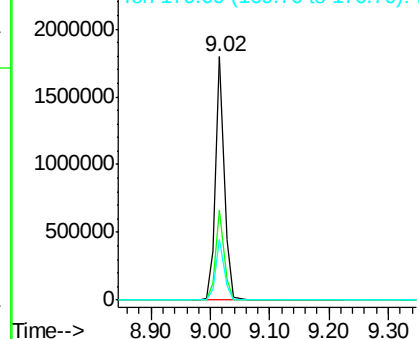


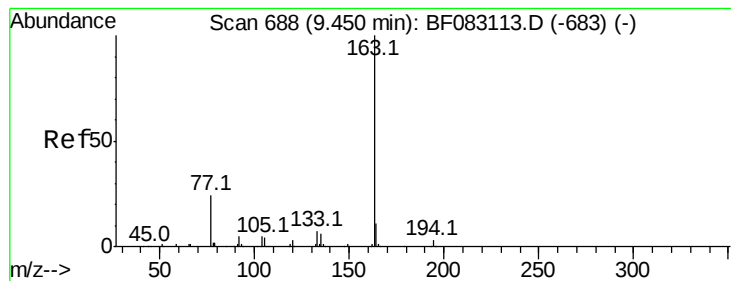
#44
 2-Fluorobiphenyl
 Concen: 66.25 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083179.D
 Acq: 23 Nov 2015 1:05

Tgt Ion:172 Resp: 1824116
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.5 44.3
 170 24.8 19.9 29.9



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





#49

Dimethylphthalate

Concen: 17.57 ng

RT: 9.42 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF083179.D

Acq: 23 Nov 2015 1:05

Instrument :

BNA_F

ClientSampleId :

A19-COMP

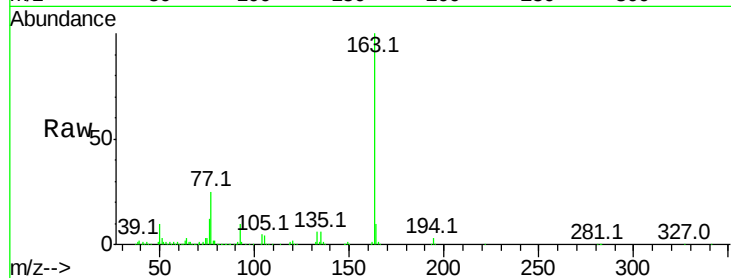
Tot Ion:163 Resp: 519357

Ion Ratio Lower Upper

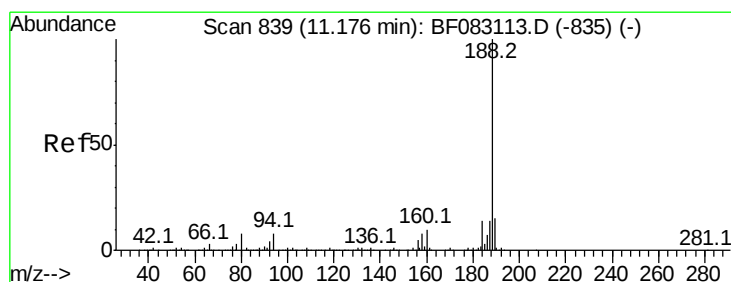
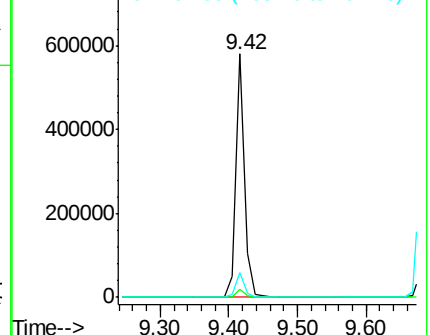
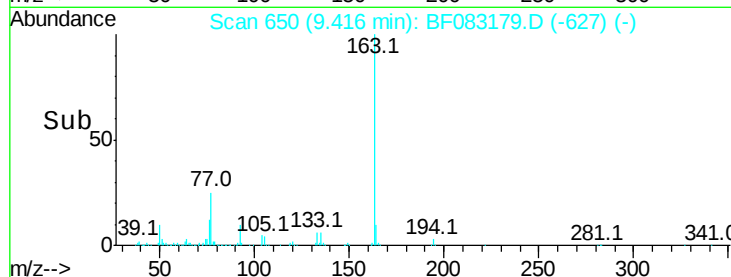
163 100

194 3.3 2.6 4.0

164 10.4 8.6 12.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF083179.D

Acq: 23 Nov 2015 1:05

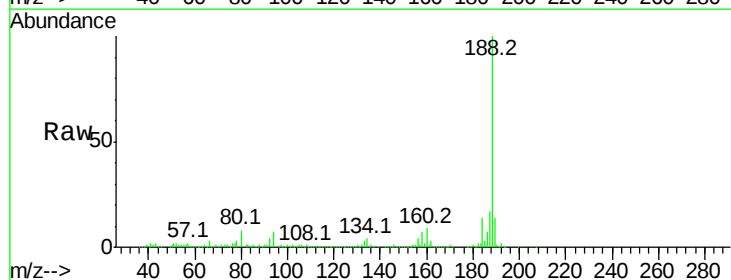
Tgt Ion:188 Resp: 662469

Ion Ratio Lower Upper

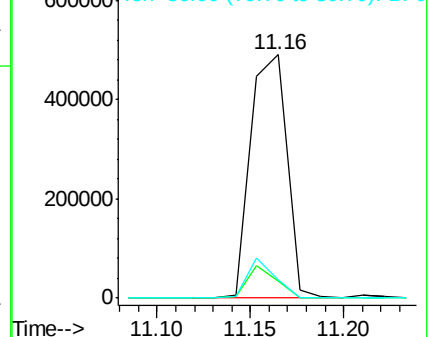
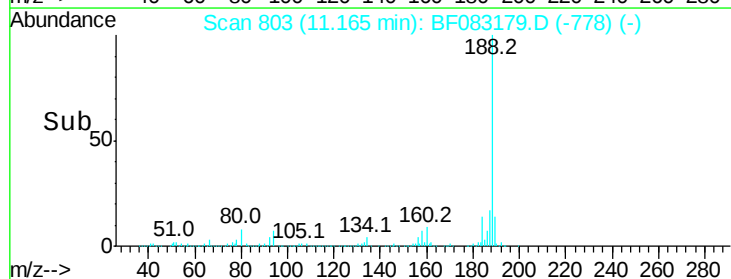
188 100

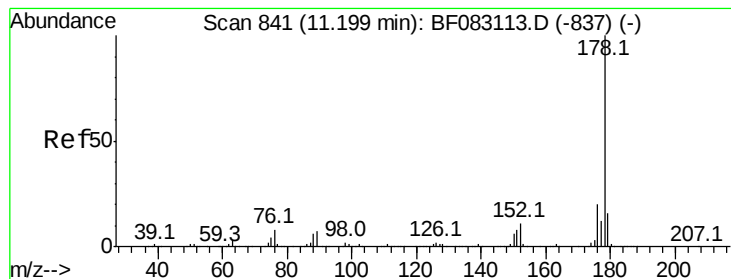
94 7.1 6.0 9.0

80 7.7 6.7 10.1



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





#70

Phenanthrene

Concen: 3.39 ng

RT: 11.19 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF083179.D

Acq: 23 Nov 2015 1:05

Instrument :

BNA_F

ClientSampleId :

A19-COMP

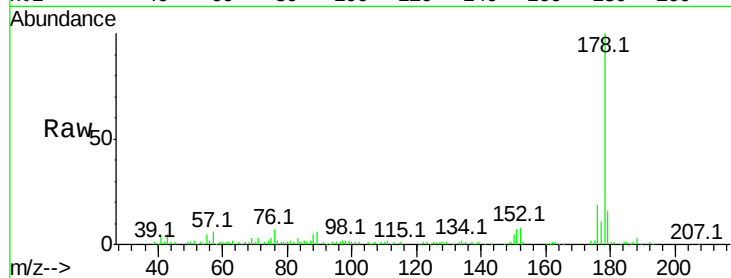
Tot Ion:178 Resp: 129221

Ion Ratio Lower Upper

178 100

176 19.0 16.2 24.2

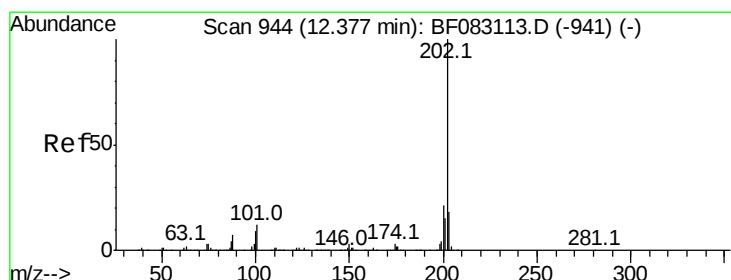
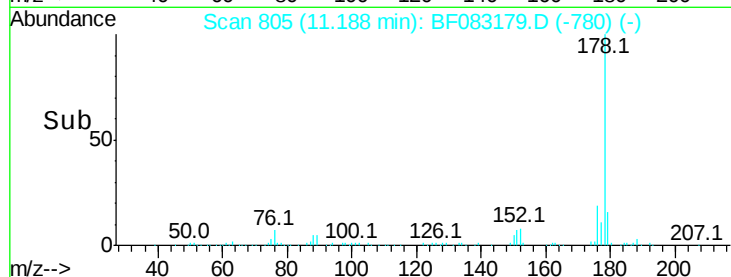
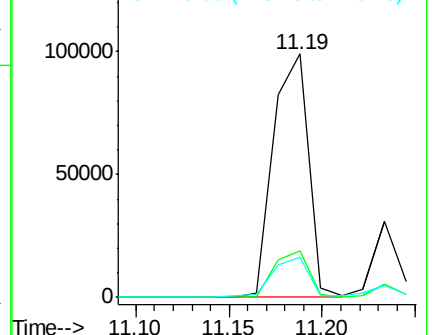
179 16.4 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 7.53 ng

RT: 12.36 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF083179.D

Acq: 23 Nov 2015 1:05

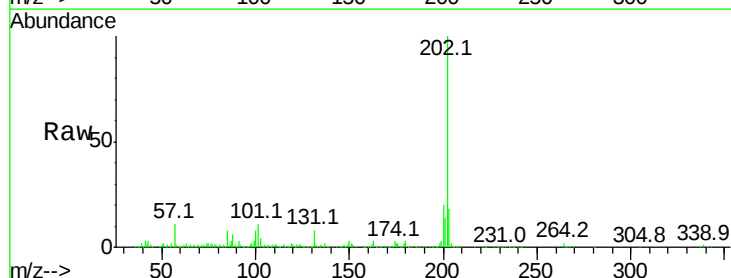
Tgt Ion:202 Resp: 294257

Ion Ratio Lower Upper

202 100

101 11.3 0.0 32.3

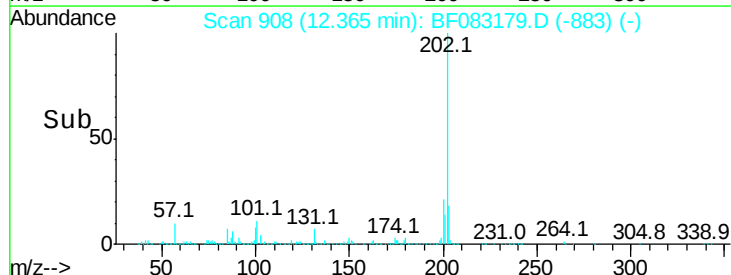
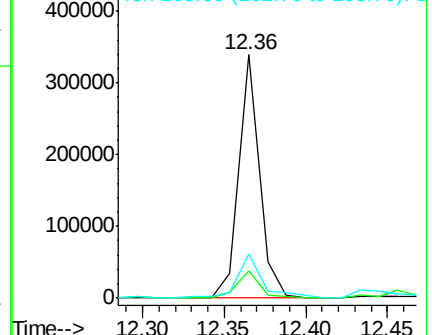
203 17.8 0.0 38.4

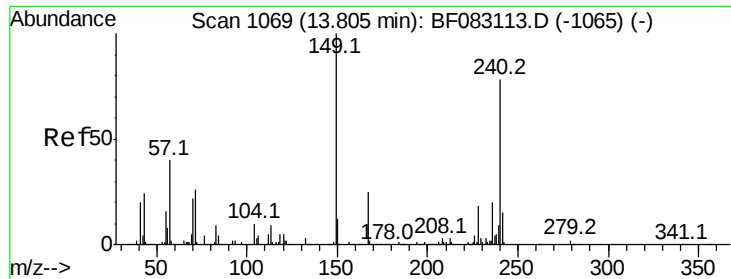


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083179.D

Acq: 23 Nov 2015 1:05

Instrument :

BNA_F

ClientSampleId :

A19-COMP

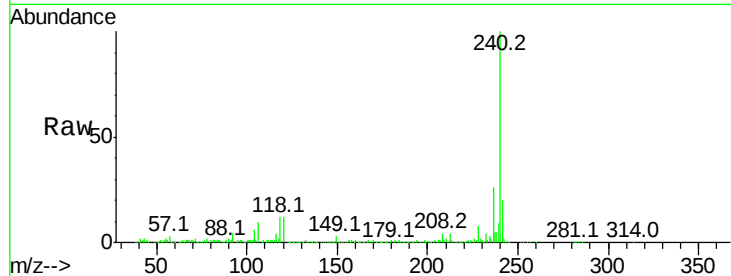
Tot Ion:240 Resp: 500829

Ion Ratio Lower Upper

240 100

120 12.4 5.4 8.2#

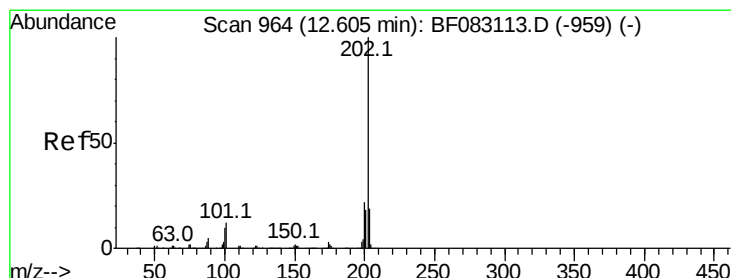
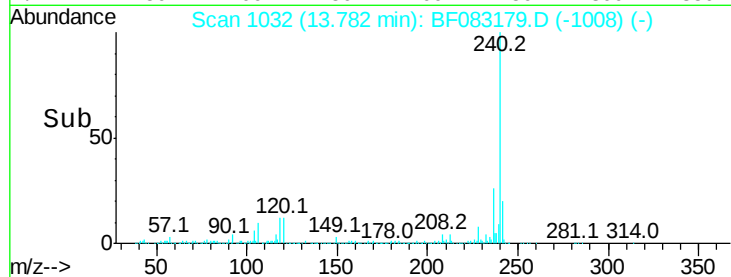
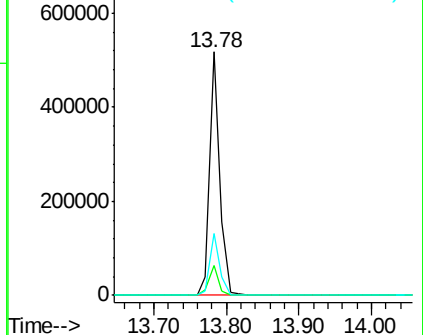
236 25.6 20.6 31.0



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: 6.79 ng

RT: 12.59 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF083179.D

Acq: 23 Nov 2015 1:05

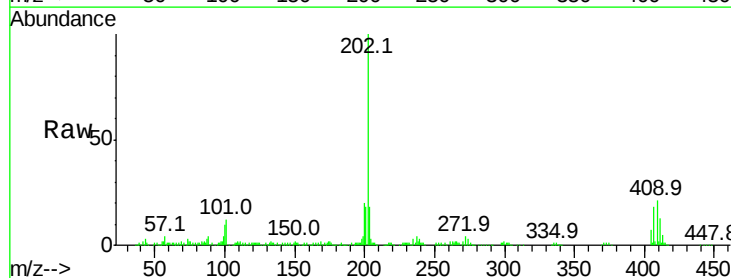
Tgt Ion:202 Resp: 232395

Ion Ratio Lower Upper

202 100

200 20.5 17.8 26.6

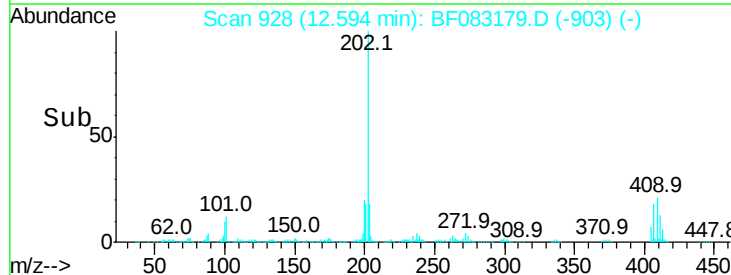
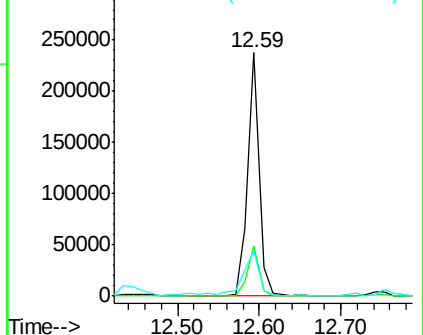
203 18.3 15.0 22.4

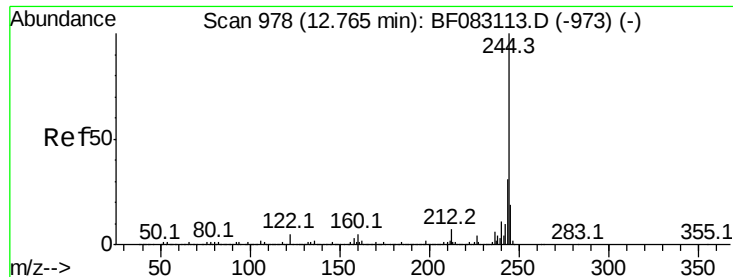


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 68.58 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083179.D

Acq: 23 Nov 2015 1:05

Instrument :

BNA_F

ClientSampleId :

A19-COMP

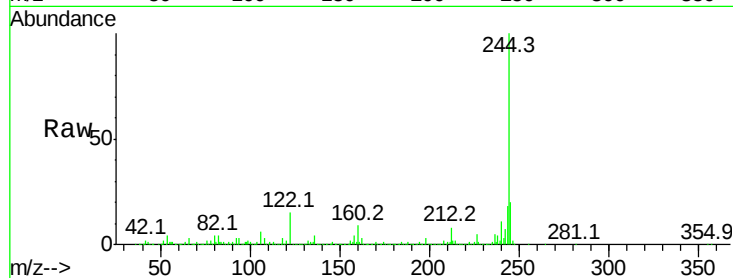
Tot Ion:244 Resp: 1458484

Ion Ratio Lower Upper

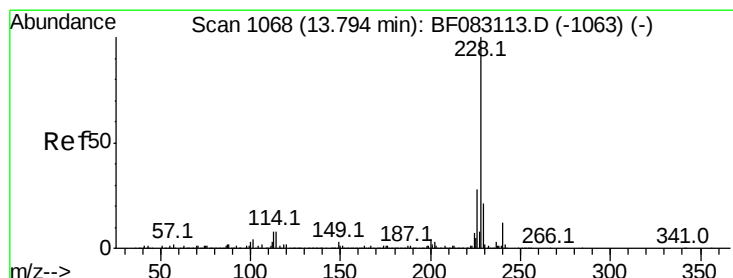
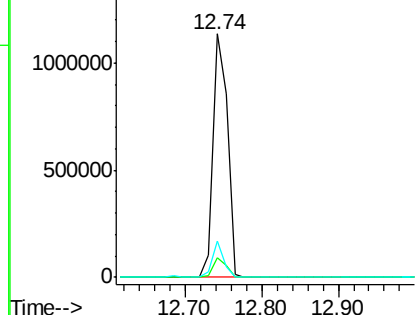
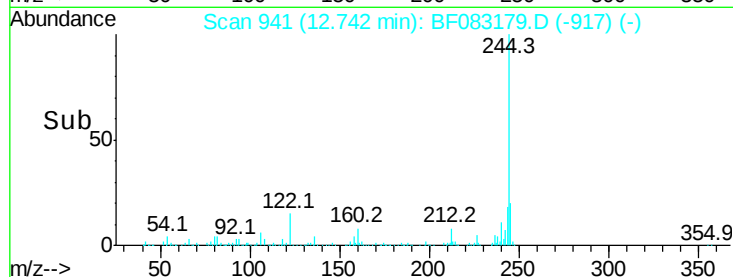
244 100

212 7.9 5.4 8.2

122 15.0 4.3 6.5#



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: 3.70 ng

RT: 13.77 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF083179.D

Acq: 23 Nov 2015 1:05

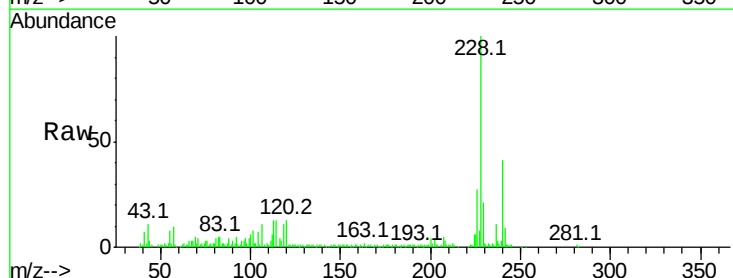
Tgt Ion:228 Resp: 114596

Ion Ratio Lower Upper

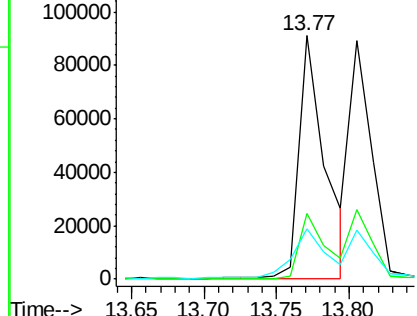
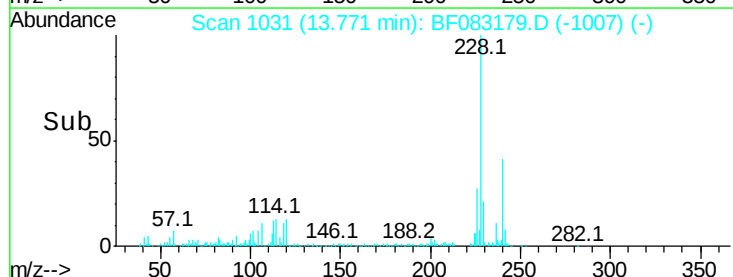
228 100

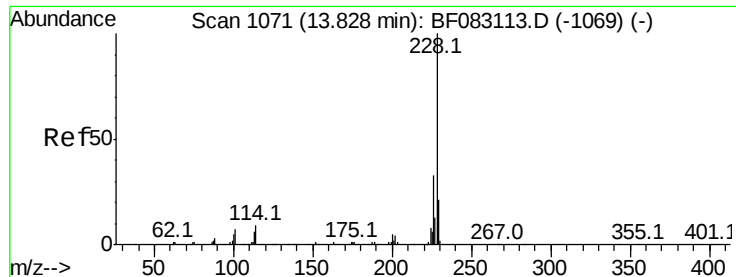
226 27.1 22.6 33.8

229 20.9 16.6 24.8



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: 3.32 ng

RT: 13.81 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF083179.D

Acq: 23 Nov 2015 1:05

Instrument :

BNA_F

ClientSampleId :

A19-COMP

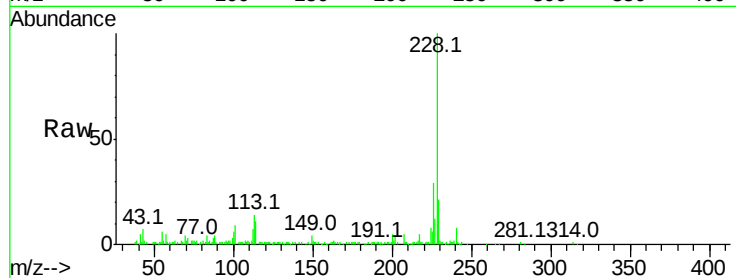
Tot Ion:228 Resp: 95354

Ion Ratio Lower Upper

228 100

226 29.1 25.5 38.3

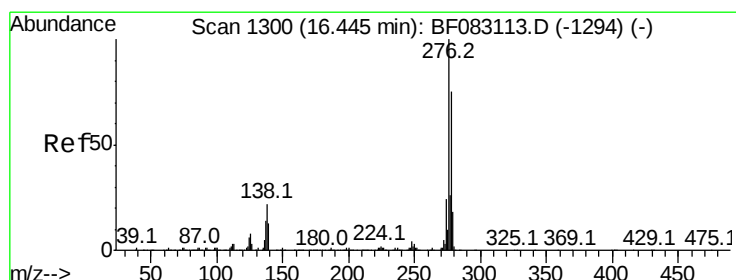
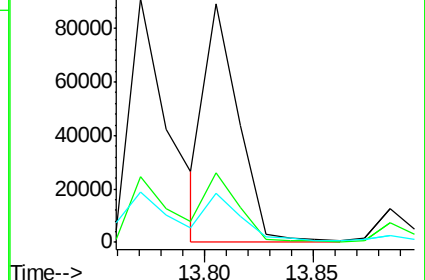
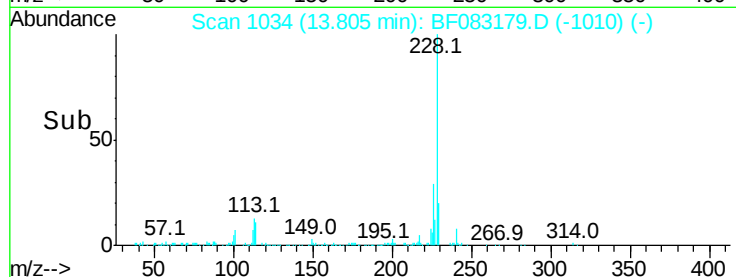
229 20.9 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.15 ng

RT: 16.41 min Scan# 1262

Delta R.T. -0.03 min

Lab File: BF083179.D

Acq: 23 Nov 2015 1:05

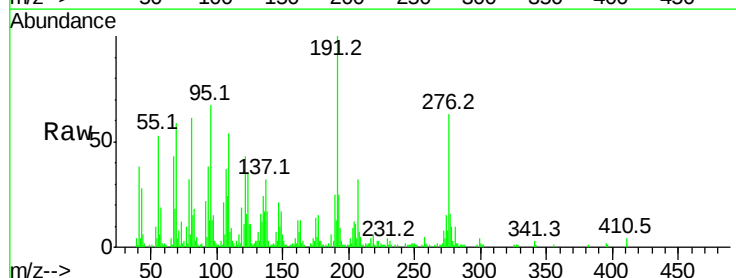
Tgt Ion:276 Resp: 56292

Ion Ratio Lower Upper

276 100

138 23.7 18.0 27.0

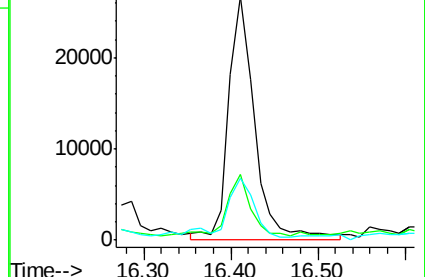
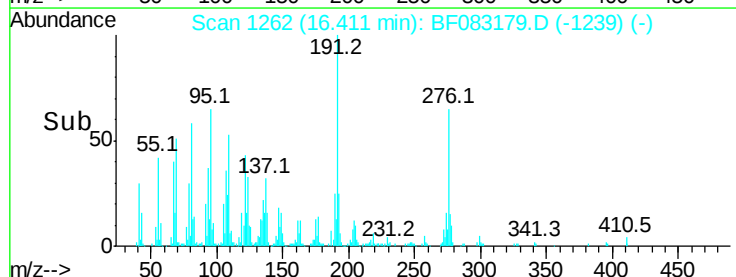
277 27.5 20.2 30.4

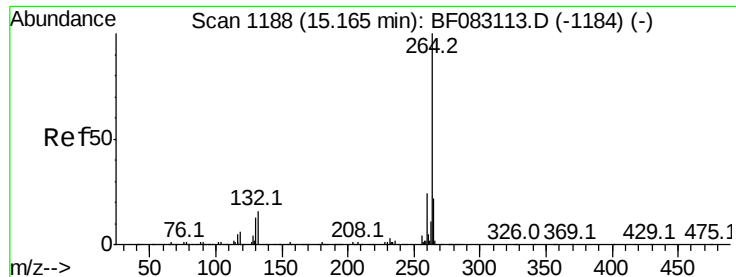


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

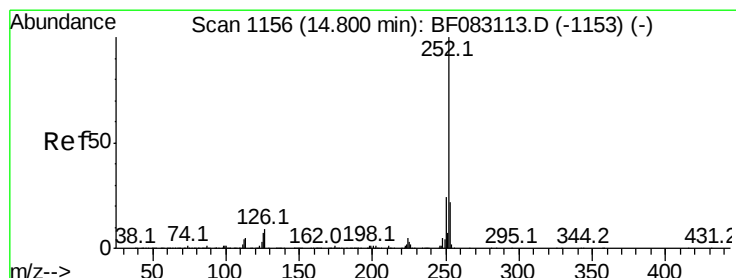
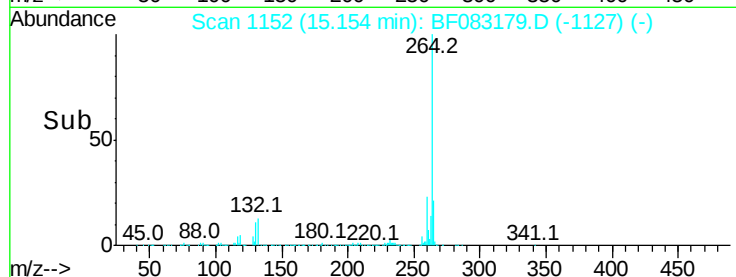
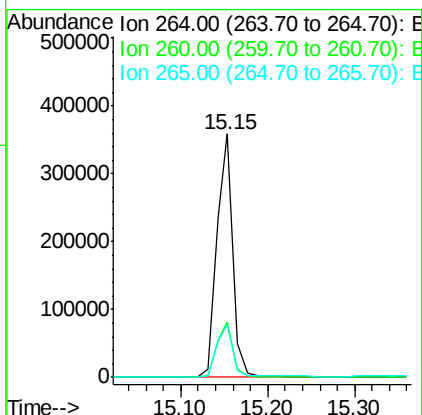
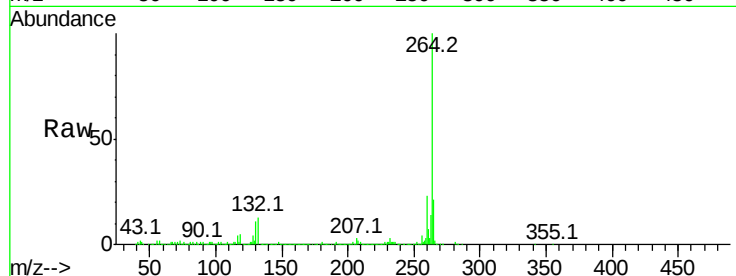




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF083179.D
Acq: 23 Nov 2015 1:05

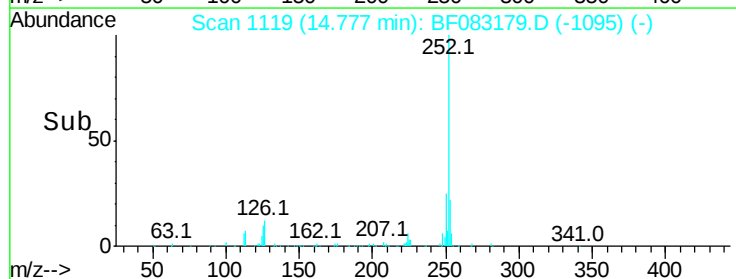
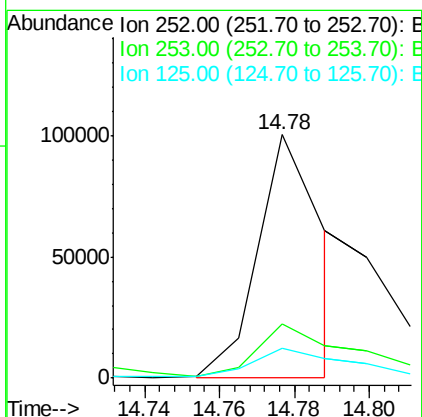
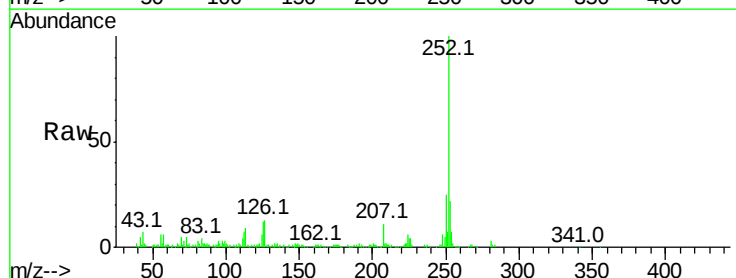
Instrument :
BNA_F
ClientSampleId :
A19-COMP

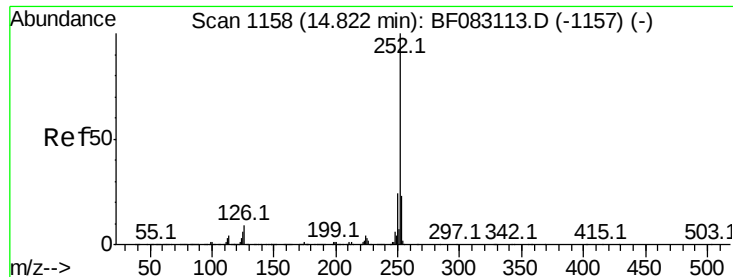
Tot Ion:264 Resp: 463128
Ion Ratio Lower Upper
264 100
260 23.0 19.1 28.7
265 21.5 18.2 27.4



#87
Benzo(b)fluoranthene
Concen: 3.86 ng m
RT: 14.78 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF083179.D
Acq: 23 Nov 2015 1:05

Tgt Ion:252 Resp: 122082
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 12.0 5.6 8.4#

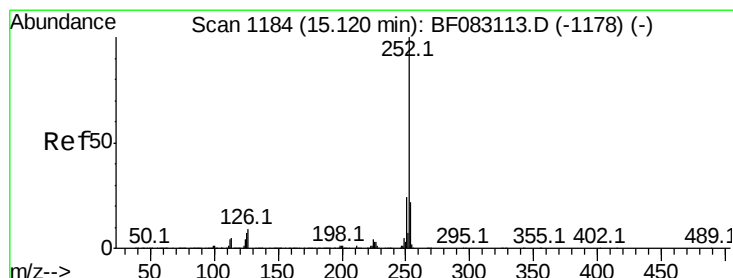
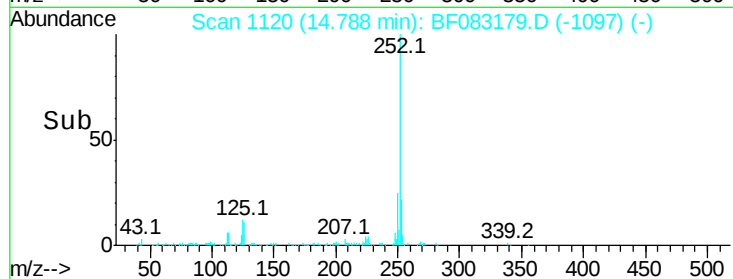
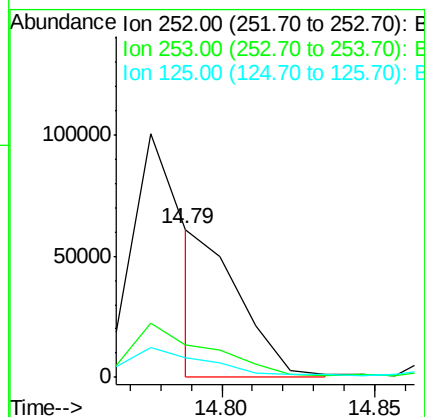
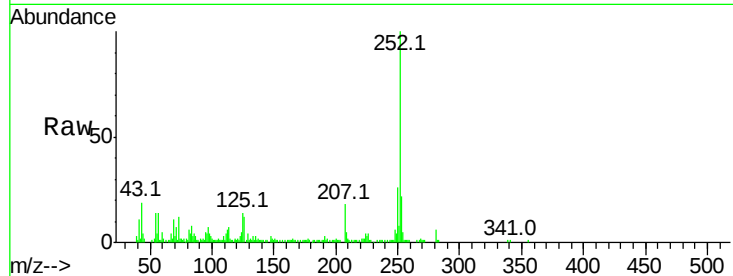




#88
Benzo(k)fluoranthene
Concen: 2.18 ng m
RT: 14.79 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BF083179.D
Acq: 23 Nov 2015 1:05

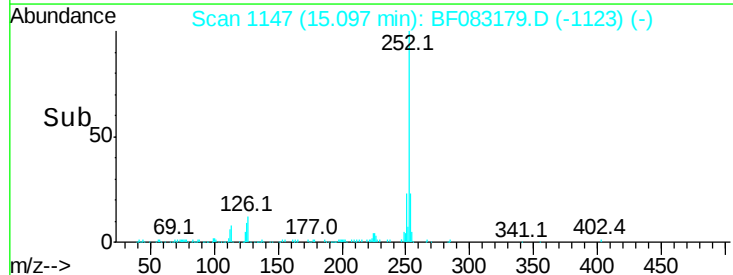
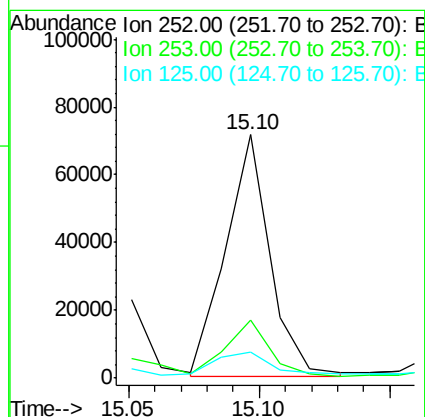
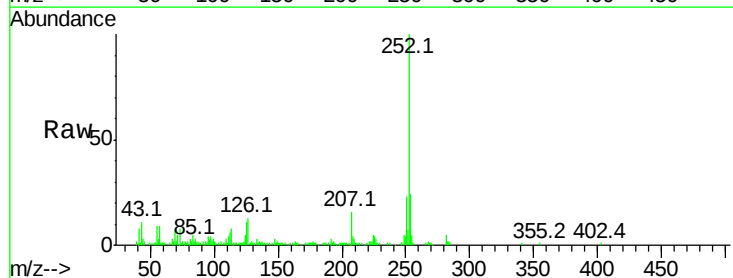
Instrument :
BNA_F
ClientSampleId :
A19-COMP

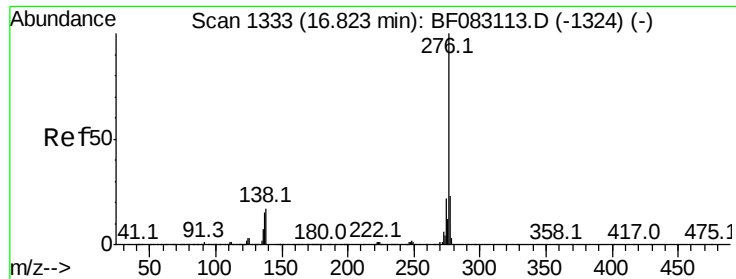
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	13.6	6.8	10.2



#89
Benzo(a)pyrene
Concen: 3.25 ng
RT: 15.10 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BF083179.D
Acq: 23 Nov 2015 1:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	10.5	5.4	8.0





#91
 Benzo(a,h,i)perylene
 Concen: 2.26 ng
 RT: 16.79 min Scan# 1295
 Delta R.T. -0.03 min
 Lab File: BF083179.D
 Acq: 23 Nov 2015 1:05

Instrument :
 BNA_F
 ClientSampleId :
 A19-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.7	28.1
138	22.7	13.9	20.9

