

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104758.D
 Acq On : 24 Apr 2018 16:07
 Operator : JU/SJ
 Sample : J2503-01RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-2-1-PPERE

Quant Time: Apr 24 22:41:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

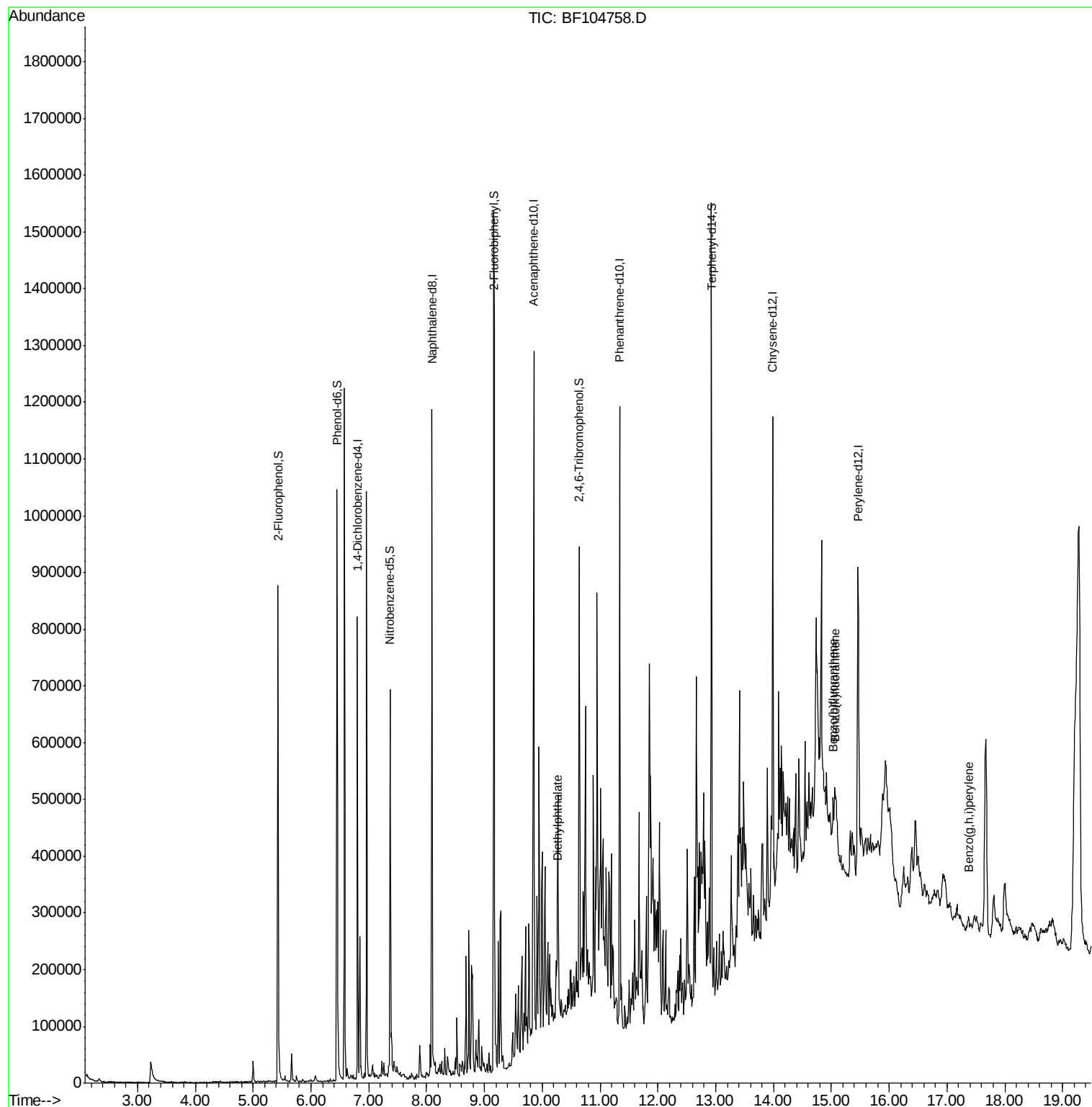
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	118946	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	496905	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	217421	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	347564	20.00	ng	0.00
75) Chrysene-d12	13.99	240	269604	20.00	ng	0.00
86) Perylene-d12	15.46	264	209924	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	285726	36.73	ng	0.01
7) Phenol-d6	6.45	99	368947	38.60	ng	0.00
23) Nitrobenzene-d5	7.37	82	225419	29.62	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	94159	41.75	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	492239	35.77	ng	0.00
78) Terphenyl-d14	12.93	244	470551	39.79	ng	0.00
Target Compounds						
59) Diethylphthalate	10.26	149	37961	2.223	ng	95
87) Benzo(b)fluoranthene	15.03	252	33540	2.530	ng	# 83
88) Benzo(k)fluoranthene	15.06	252	33607	2.685	ng	# 82
91) Benzo(g,h,i)perylene	17.37	276	21005	2.225	ng	95

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

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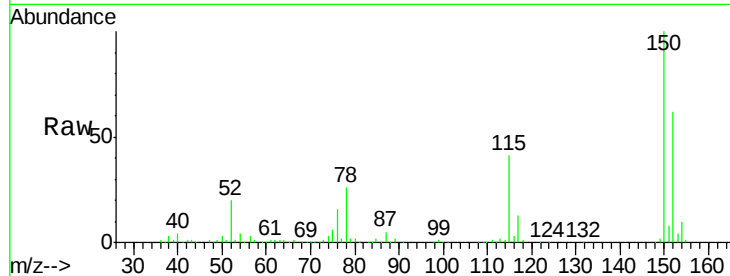


#1

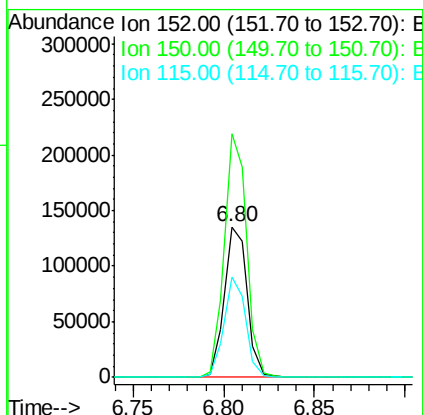
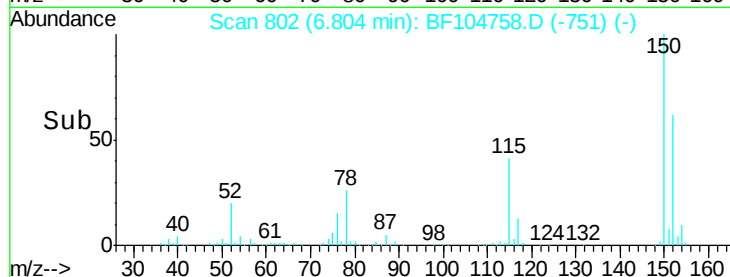
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104758.D
Acq: 24 Apr 2018 16:07

Instrument :
BNA_F
ClientSampleId :
DRUM-2-1-PPERE

Tot Ion:152 Resp: 118946
Ion Ratio Lower Upper
152 100
150 161.9 124.6 186.8
115 67.0 50.1 75.1



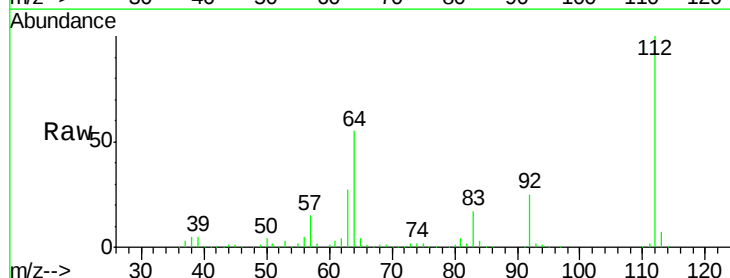
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



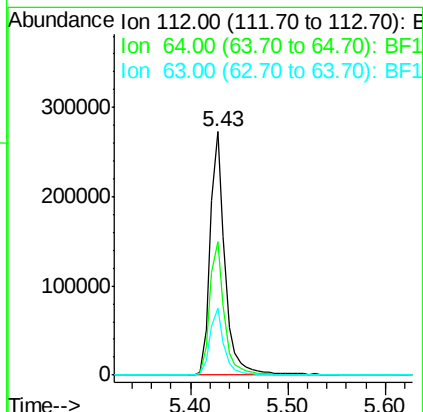
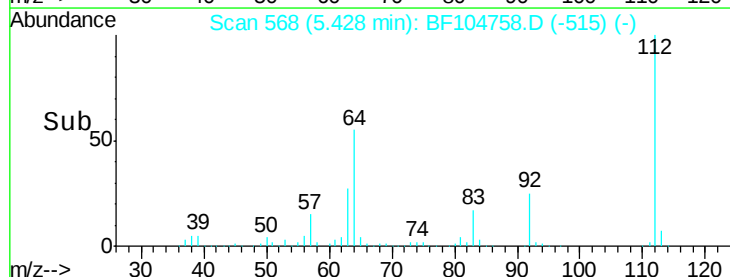
#5

2-Fluorophenol
Concen: 36.730 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104758.D
Acq: 24 Apr 2018 16:07

Tgt Ion:112 Resp: 285726
Ion Ratio Lower Upper
112 100
64 54.8 47.9 71.9
63 27.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 38.601 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104758.D

Acq: 24 Apr 2018 16:07

Instrument :

BNA_F

ClientSampleId :

DRUM-2-1-PPERE

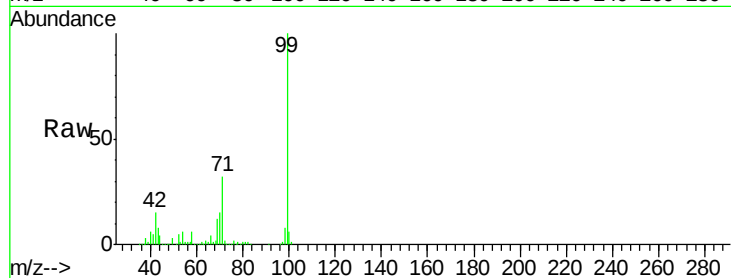
Tot Ion: 99 Resp: 368947

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

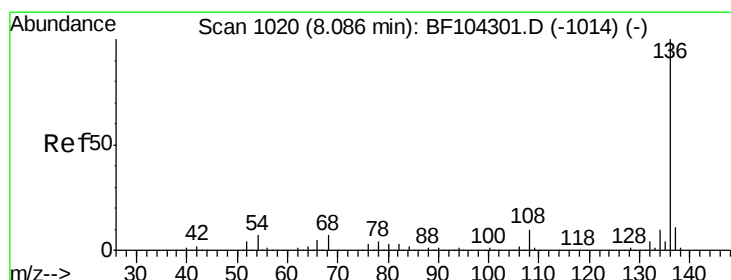
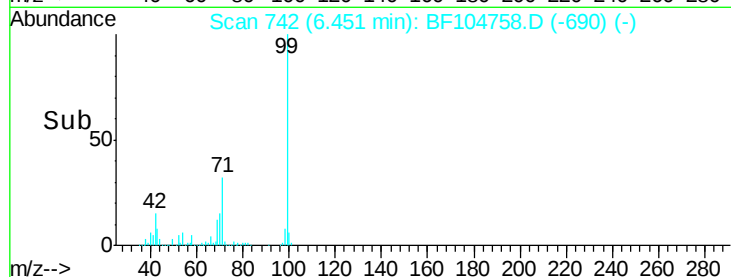
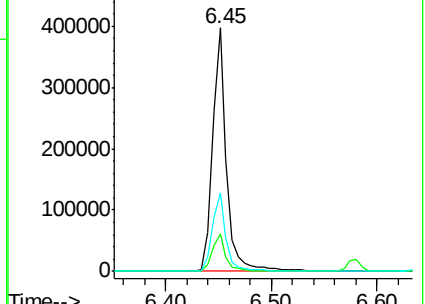
71 32.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104758.D

Acq: 24 Apr 2018 16:07

Tgt Ion: 136 Resp: 496905

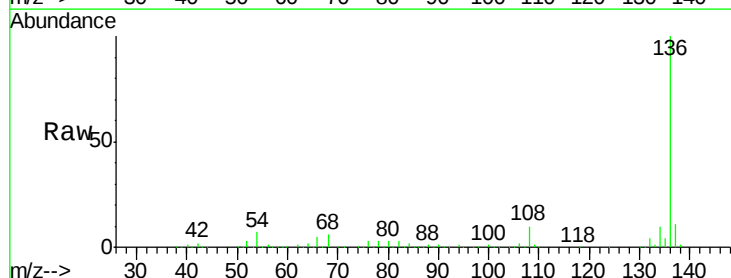
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.7 6.6 9.8

68 5.6 5.0 7.4

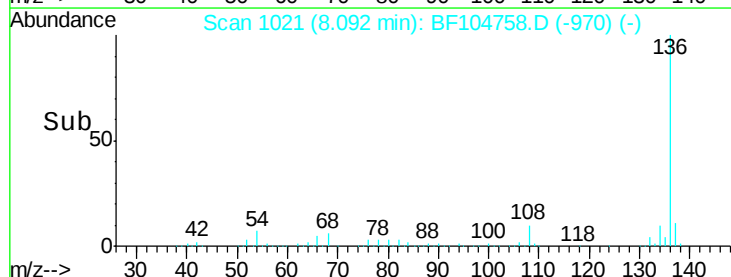
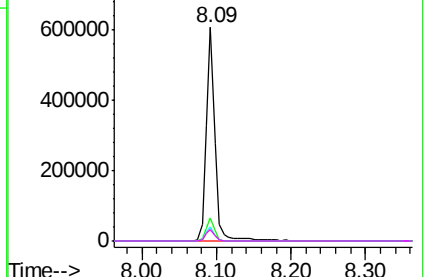


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

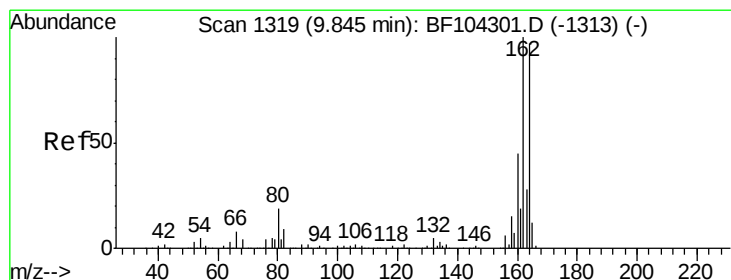
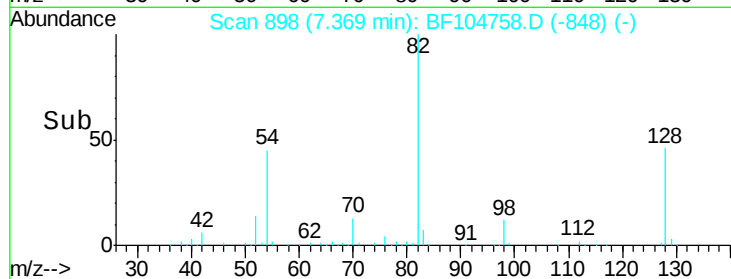
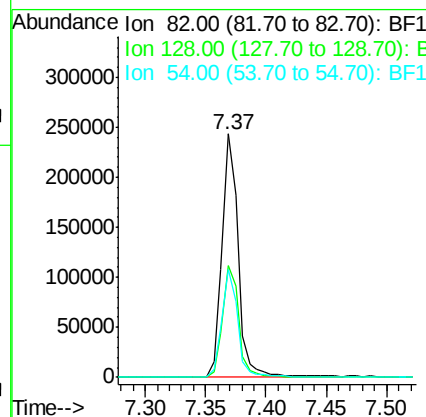
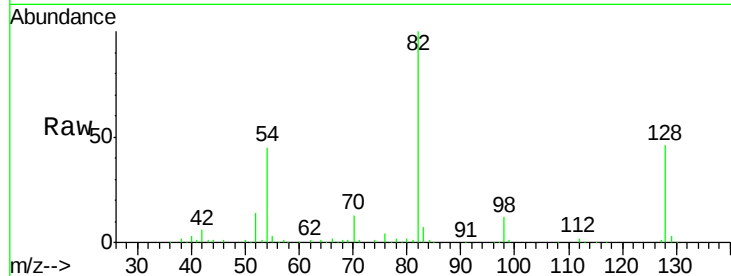




#23
 Nitrobenzene-d5
 Concen: 29.622 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104758.D
 Acq: 24 Apr 2018 16:07

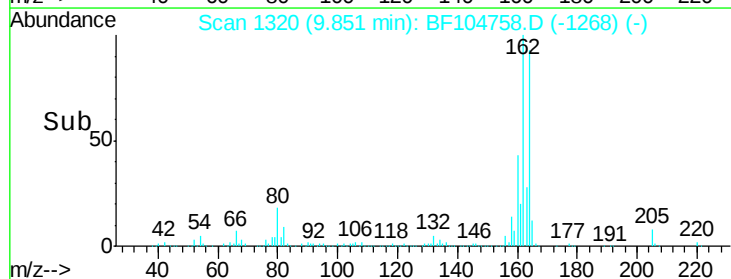
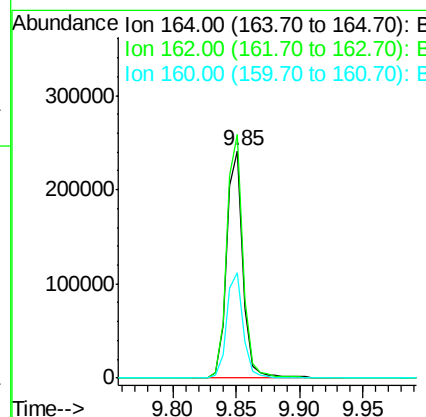
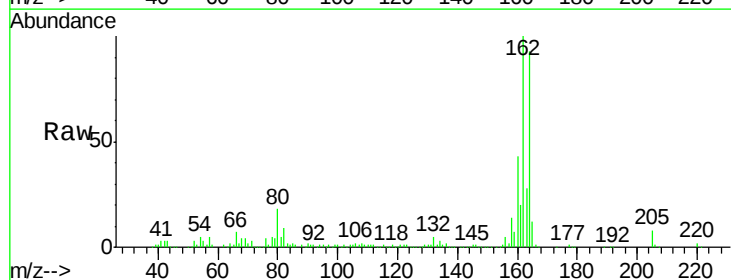
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-2-1-PPERE

Tot Ion: 82 Resp: 225419
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.1 54.1
 54 44.5 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF104758.D
 Acq: 24 Apr 2018 16:07

Tgt Ion:164 Resp: 217421
 Ion Ratio Lower Upper
 164 100
 162 107.1 86.1 129.1
 160 46.2 38.3 57.5

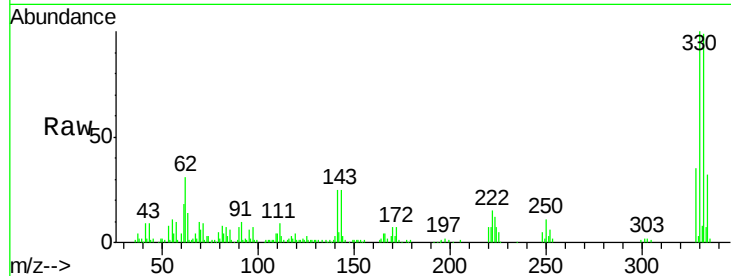




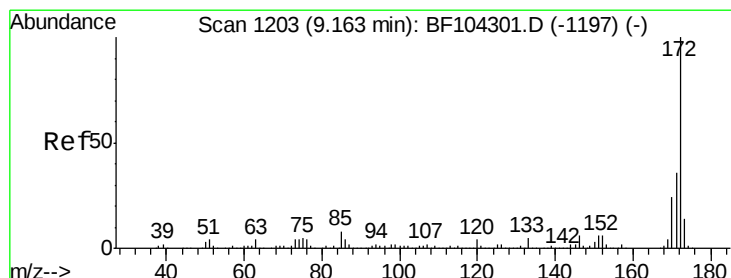
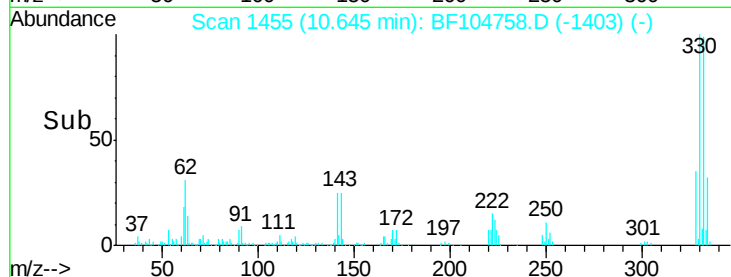
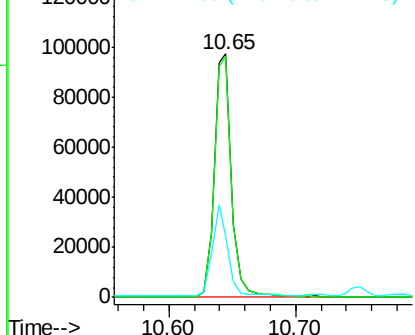
#41
 2,4,6-Tribromophenol
 Concen: 41.749 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104758.D
 Acq: 24 Apr 2018 16:07

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-2-1-PPERE

Tot Ion:330 Resp: 94159
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.6
 141 32.9 29.9 44.9

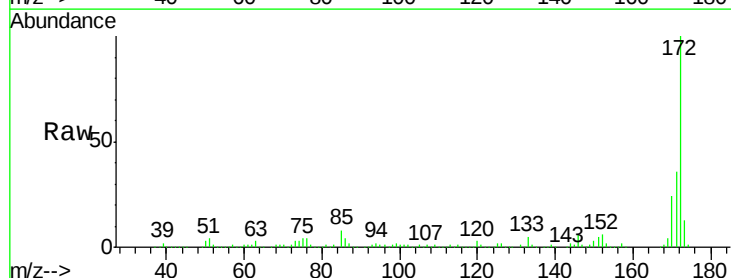


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

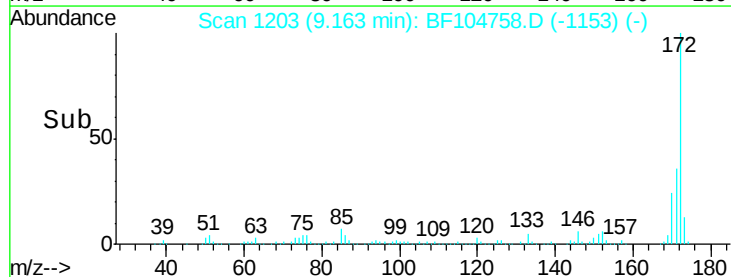
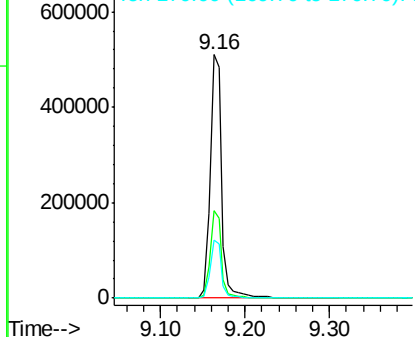


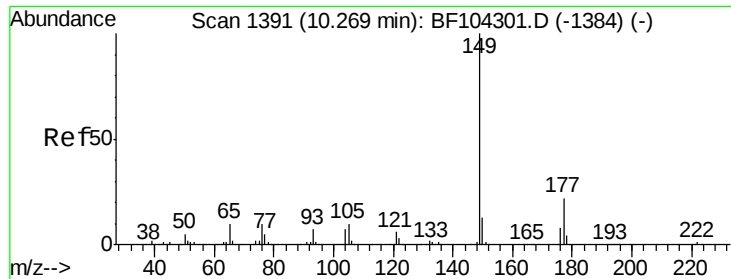
#44
 2-Fluorobiphenyl
 Concen: 35.765 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104758.D
 Acq: 24 Apr 2018 16:07

Tgt Ion:172 Resp: 492239
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.7 19.6 29.4



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

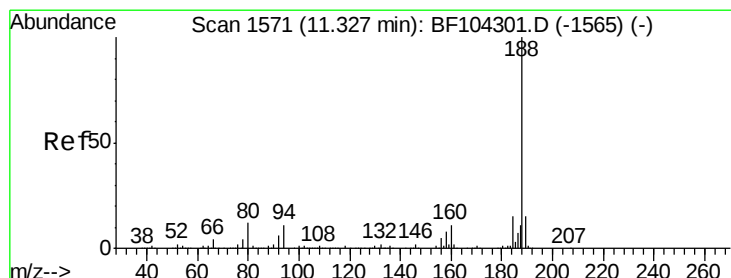
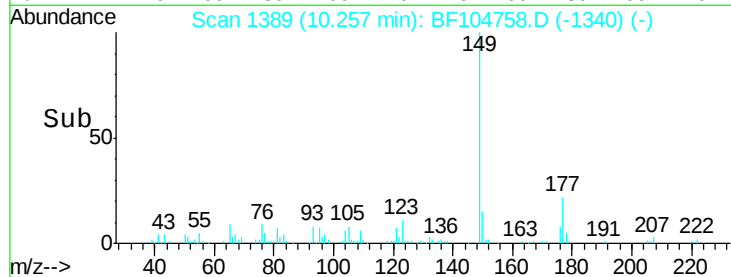
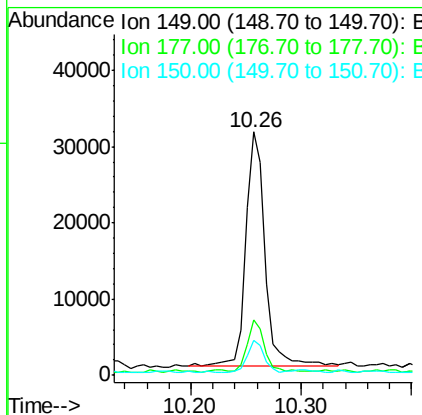
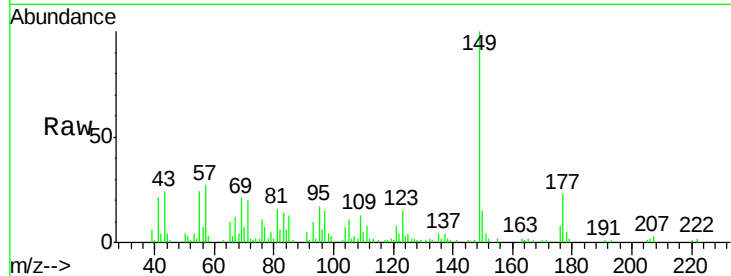




#59
Diethylphthalate
Concen: 2.223 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF104758.D
Acq: 24 Apr 2018 16:07

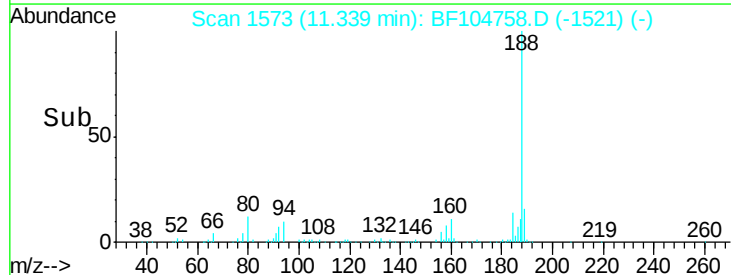
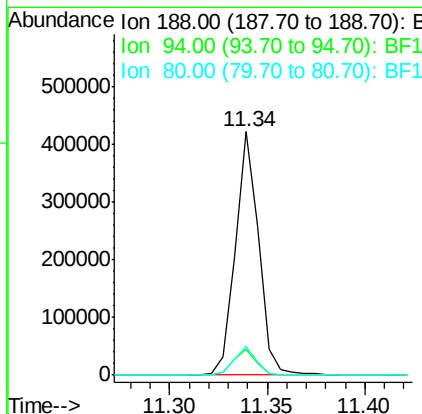
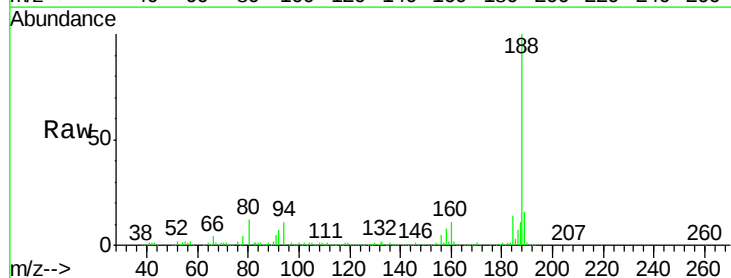
Instrument :
BNA_F
ClientSampleId :
DRUM-2-1-PPERE

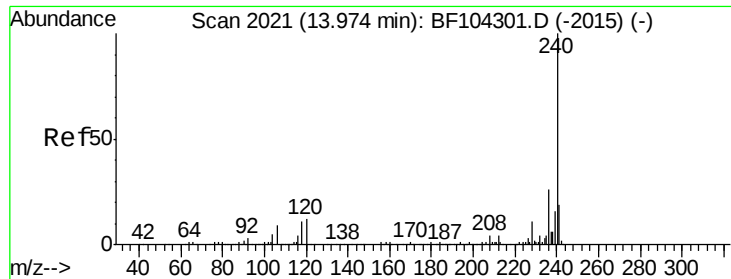
Tot Ion:149 Resp: 37961
Ion Ratio Lower Upper
149 100
177 22.7 16.1 24.1
150 14.6 10.1 15.1



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104758.D
Acq: 24 Apr 2018 16:07

Tgt Ion:188 Resp: 347564
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.8 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF104758.D

Acq: 24 Apr 2018 16:07

Instrument :

BNA_F

ClientSampleId :

DRUM-2-1-PPERE

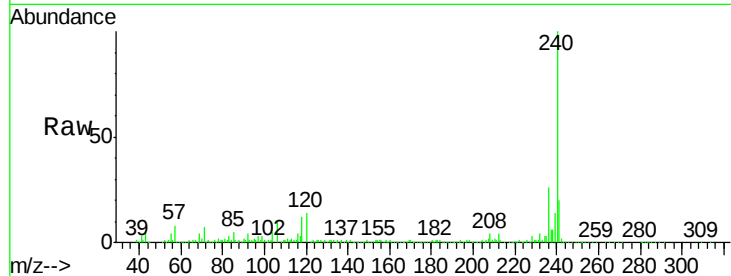
Tot Ion:240 Resp: 269604

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

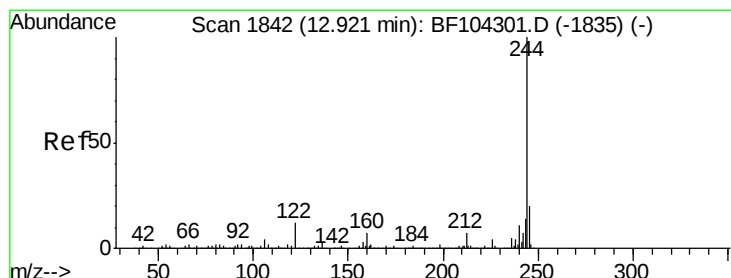
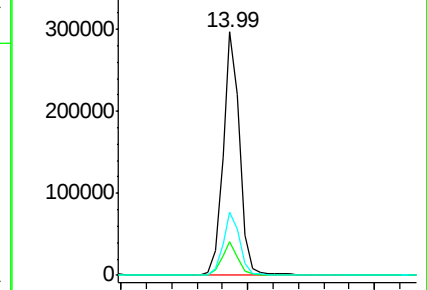
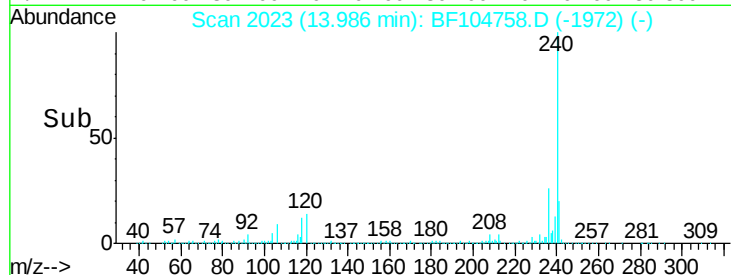
236 25.9 20.7 31.1



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



#78

Terphenyl-d14

Concen: 39.791 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104758.D

Acq: 24 Apr 2018 16:07

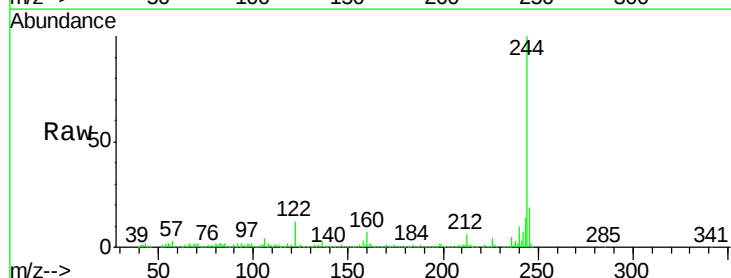
Tgt Ion:244 Resp: 470551

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

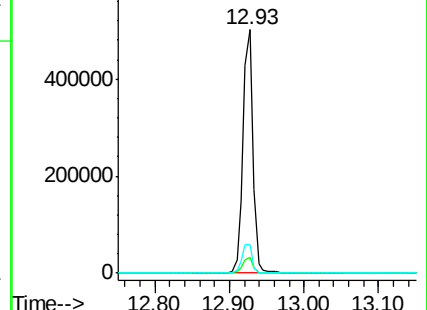
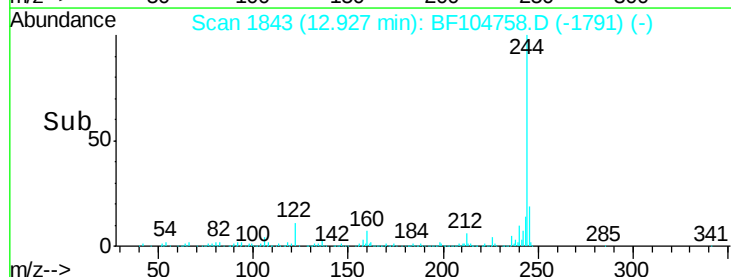
122 11.5 11.0 16.4

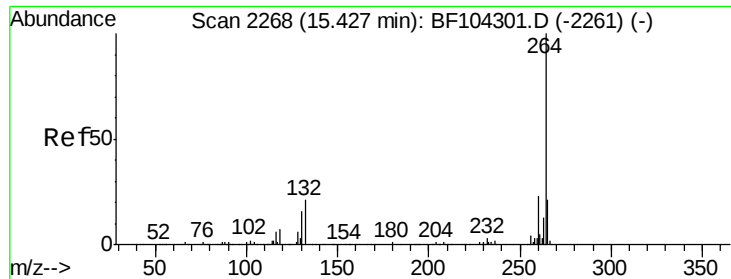


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

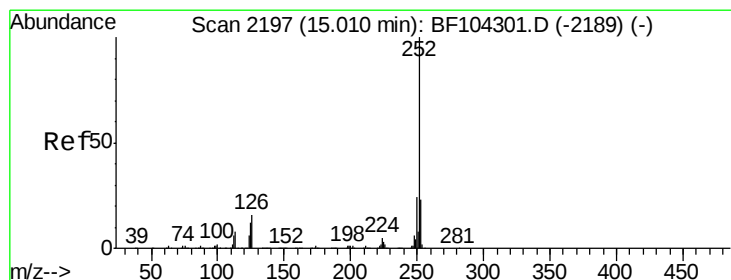
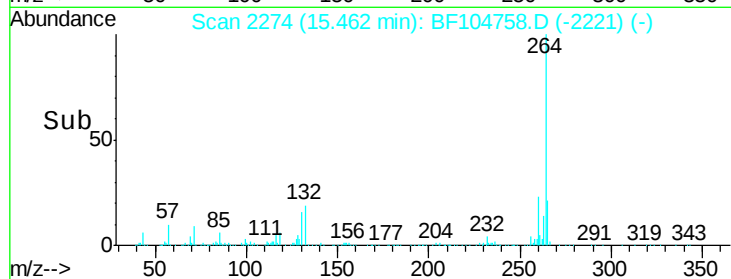
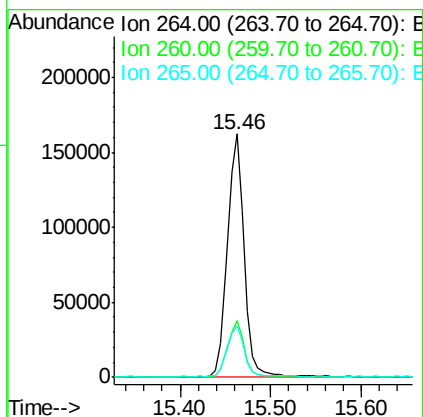
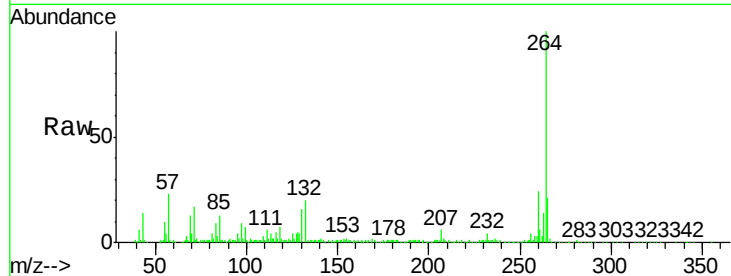




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104758.D
Acq: 24 Apr 2018 16:07

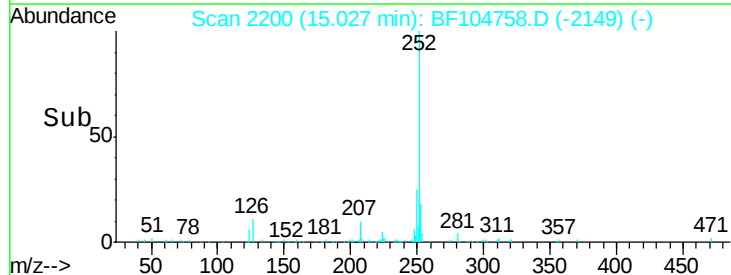
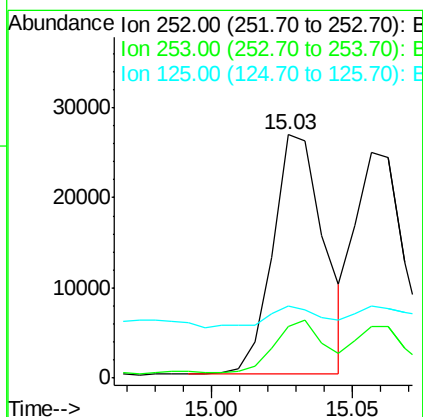
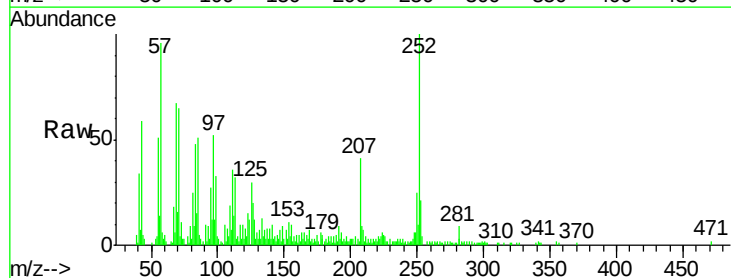
Instrument :
BNA_F
ClientSampleId :
DRUM-2-1-PPERE

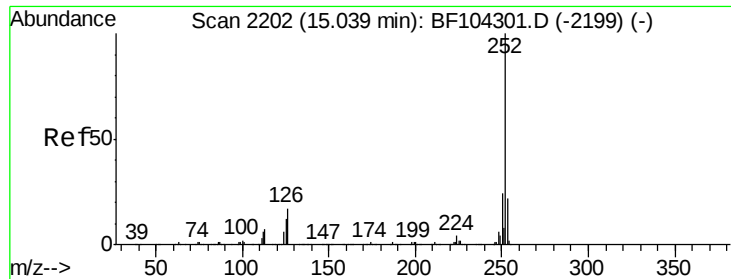
Tot Ion:264 Resp: 209924
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.1 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 2.530 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BF104758.D
Acq: 24 Apr 2018 16:07

Tgt Ion:252 Resp: 33540
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 29.9 9.0 13.6#





#88

Benzo(k)fluoranthene

Concen: 2.685 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BF104758.D

Acq: 24 Apr 2018 16:07

Instrument :

BNA_F

ClientSampleId :

DRUM-2-1-PPERE

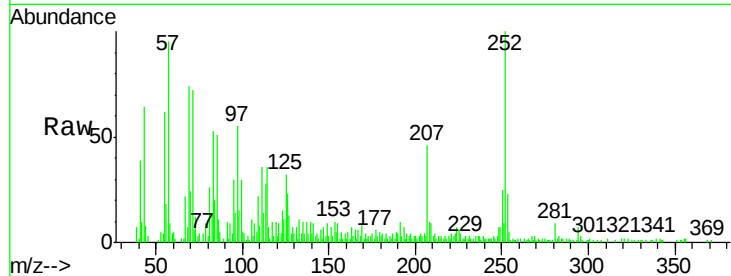
Tot Ion:252 Resp: 33607

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

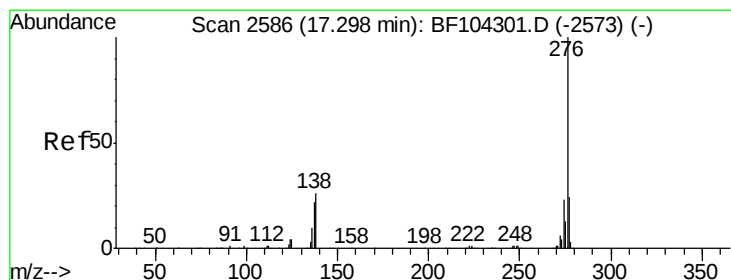
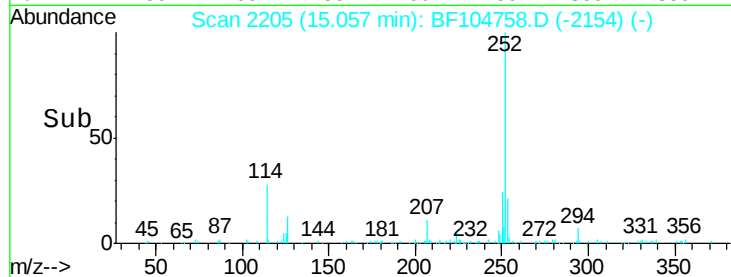
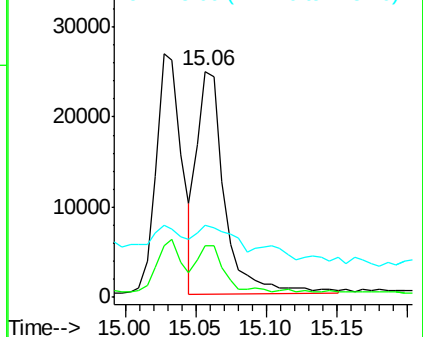
125 32.2 10.2 15.2#



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



#91

Benzo(g,h,i)perylene

Concen: 2.225 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.02 min

Lab File: BF104758.D

Acq: 24 Apr 2018 16:07

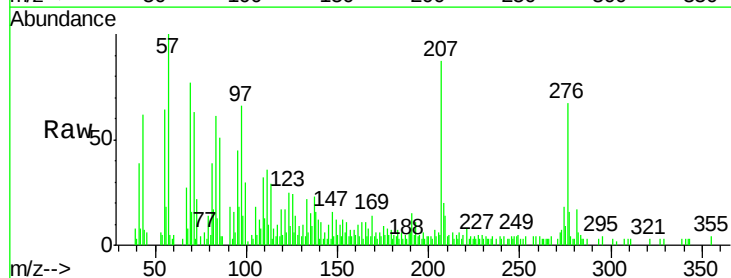
Tgt Ion:276 Resp: 21005

Ion Ratio Lower Upper

276 100

277 24.4 17.9 26.9

138 24.7 21.8 32.8



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

