

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101218.D
 Acq On : 7 Dec 2017 21:07
 Operator : SJ/JU
 Sample : I6717-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-3(10-20)

Quant Time: Dec 08 00:44:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

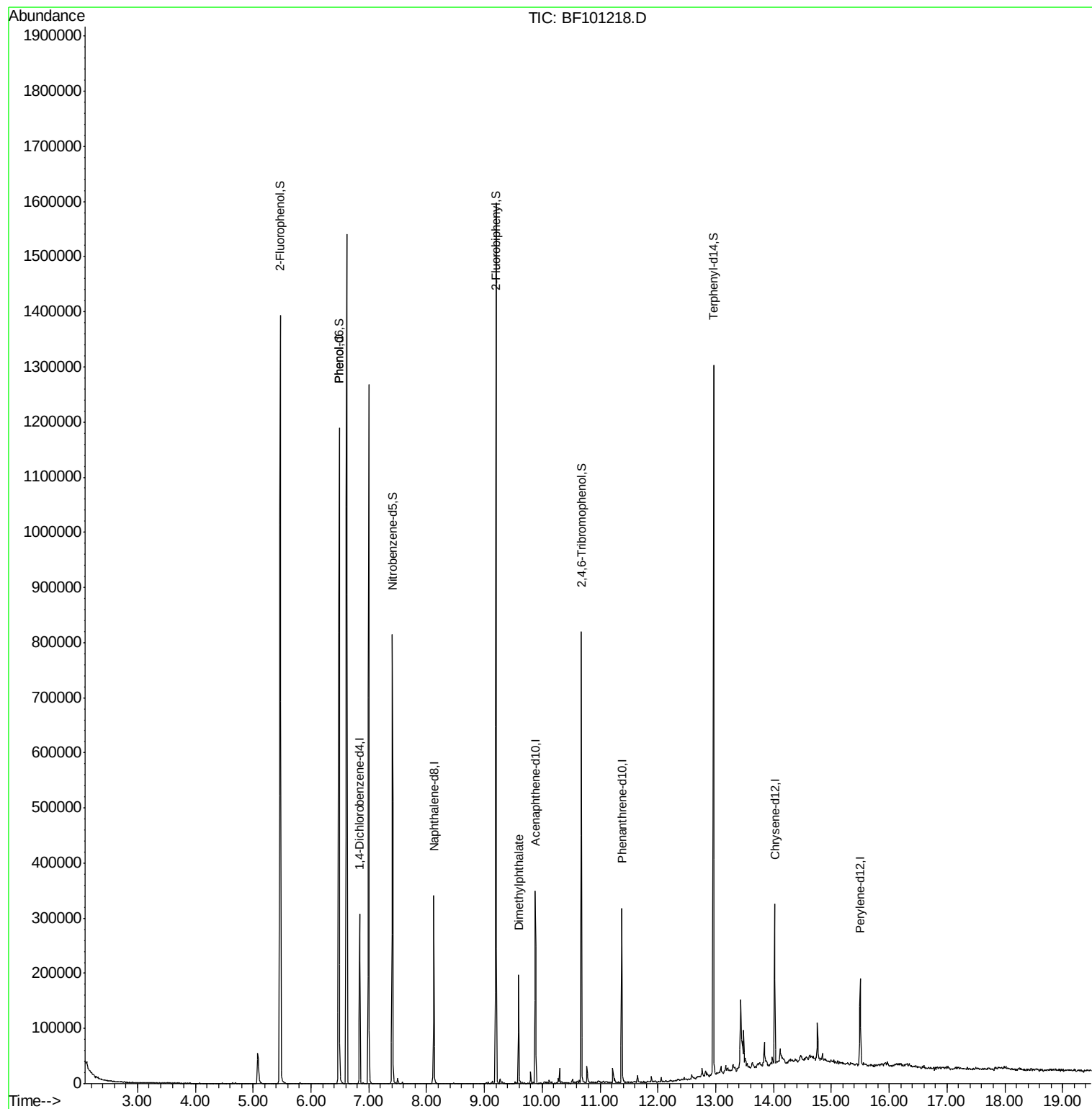
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	44467	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	160852	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	64997	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	111888	20.00	ng	0.00
75) Chrysene-d12	14.02	240	91526	20.00	ng	0.00
86) Perylene-d12	15.50	264	71917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	399526	148.47	ng	0.00
7) Phenol-d6	6.49	99	483227	147.91	ng	0.00
23) Nitrobenzene-d5	7.41	82	276019	102.36	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	100127	128.24	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	531612	111.91	ng	0.00
78) Terphenyl-d14	12.96	244	431176	103.04	ng	0.00
Target Compounds						
10) Phenol	6.49	94	12132	3.340	ng	82
49) Dimethylphthalate	9.59	163	68612	13.089	ng	99

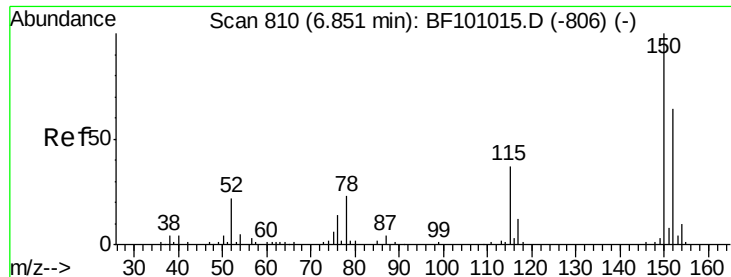
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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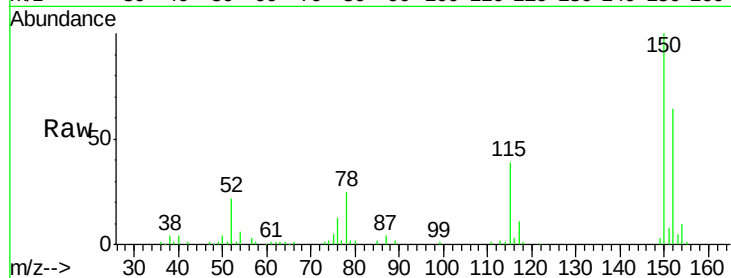


#1

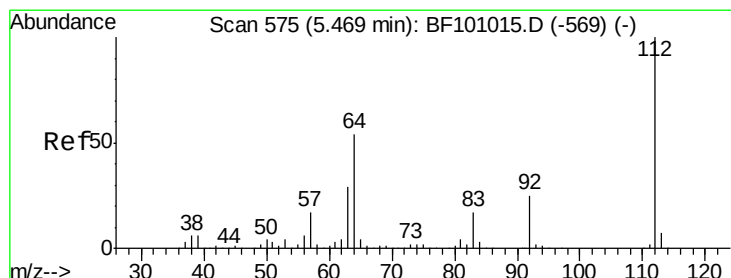
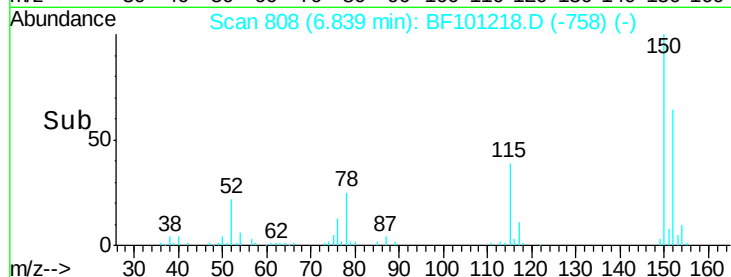
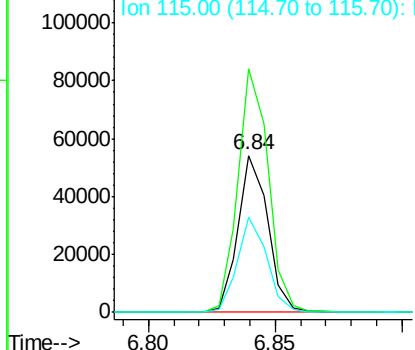
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101218.D
Acq: 7 Dec 2017 21:07

Instrument :
BNA_F
ClientSampleId :
PB-3(10-20)

Tot Ion:152 Resp: 44467
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 61.0 50.1 75.1



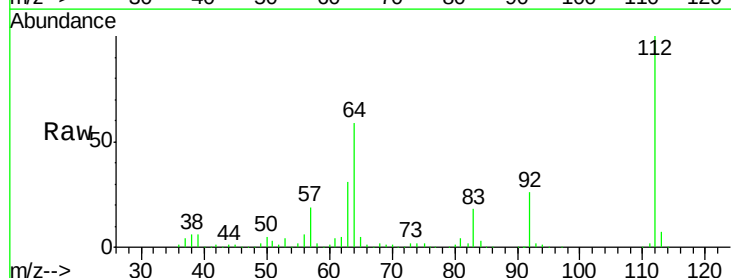
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



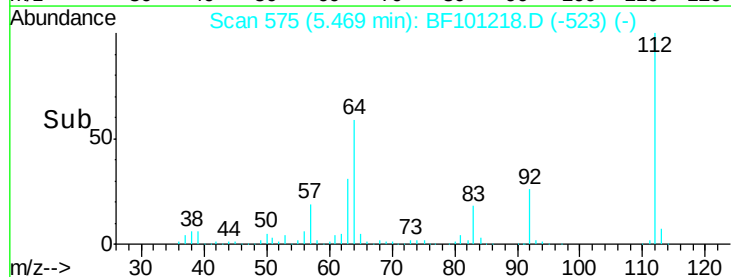
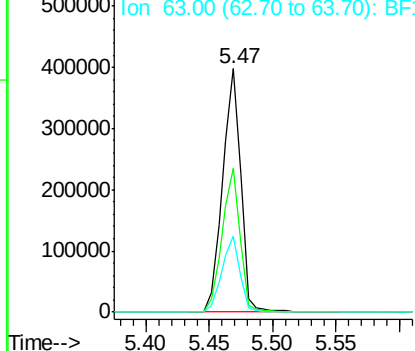
#5

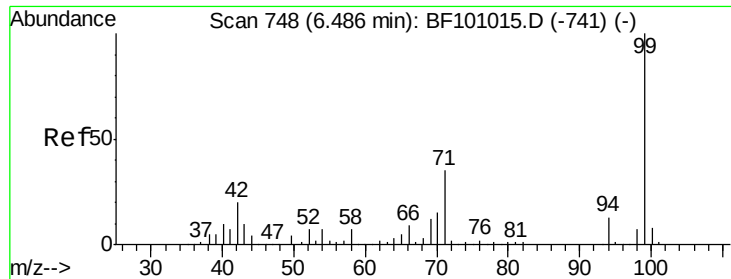
2-Fluorophenol
Concen: 148.468 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101218.D
Acq: 7 Dec 2017 21:07

Tgt Ion:112 Resp: 399526
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 31.1 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: 147.906 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101218.D

Acq: 7 Dec 2017 21:07

Instrument :

BNA_F

ClientSampleId :

PB-3(10-20)

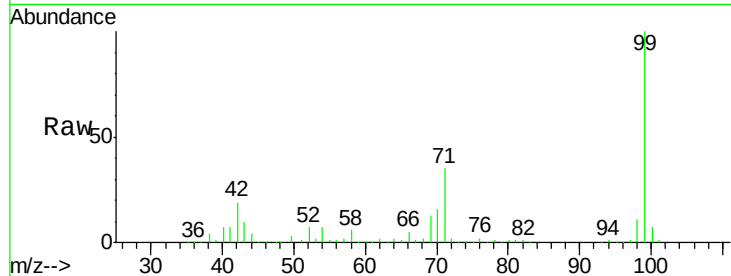
Tot Ion: 99 Resp: 483227

Ion Ratio Lower Upper

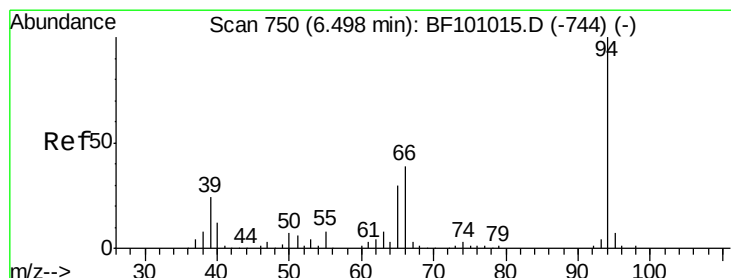
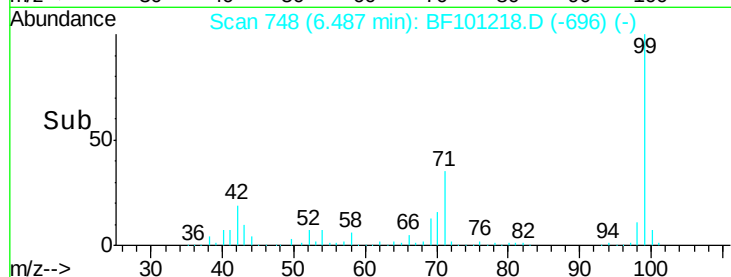
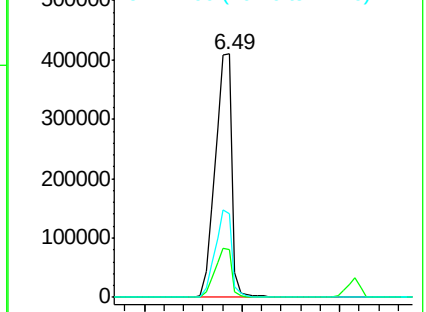
99 100

42 19.4 14.5 21.7

71 34.5 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



#10

Phenol

Concen: 3.340 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101218.D

Acq: 7 Dec 2017 21:07

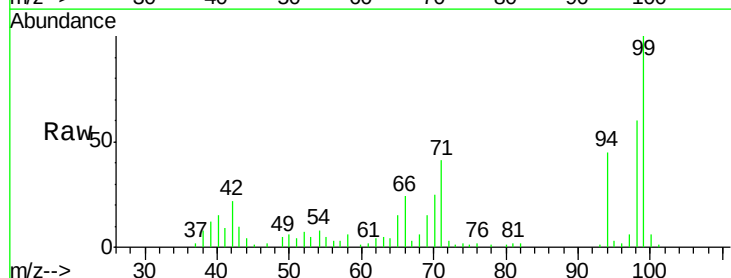
Tgt Ion: 94 Resp: 12132

Ion Ratio Lower Upper

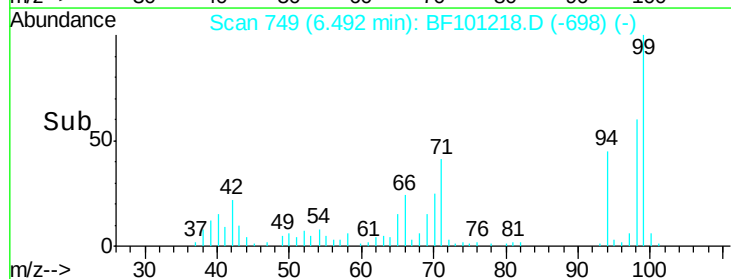
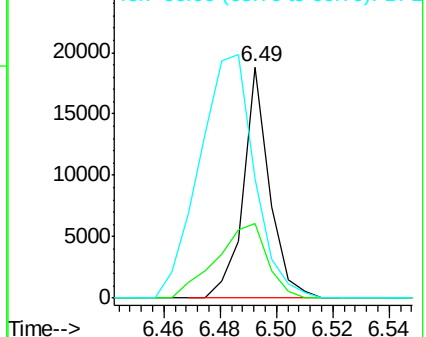
94 100

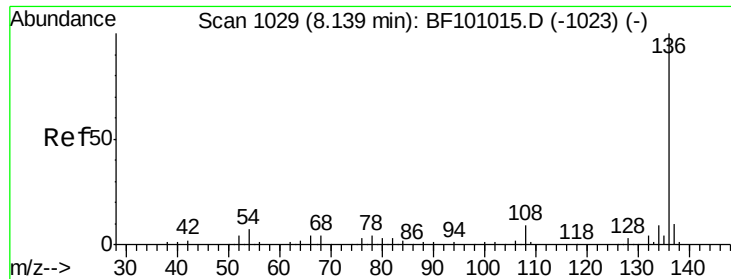
65 32.2 7.9 47.9

66 51.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

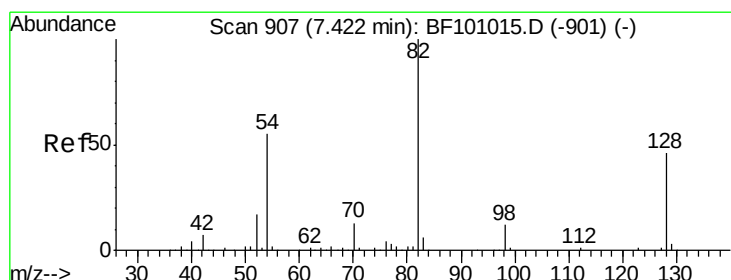
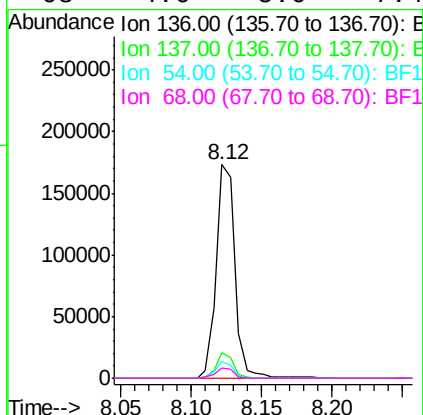
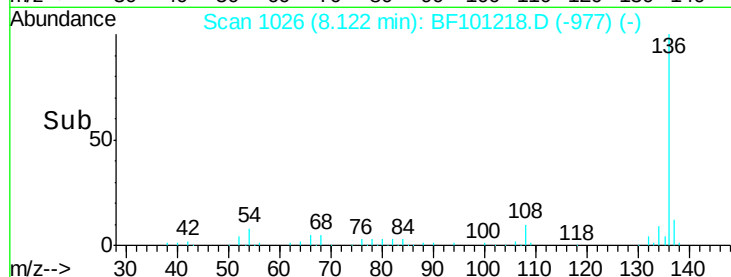
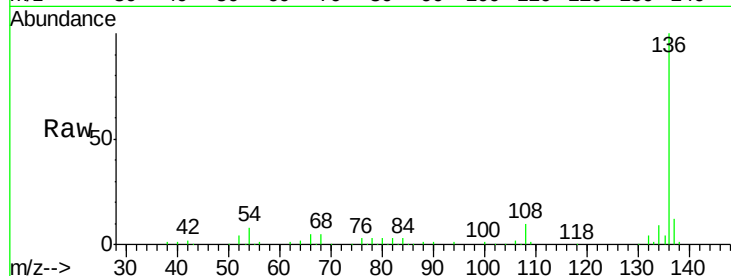




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF101218.D
Acq: 7 Dec 2017 21:07

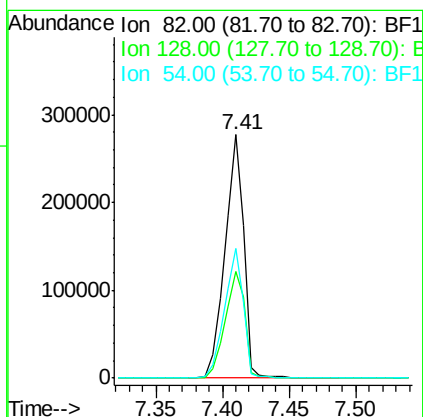
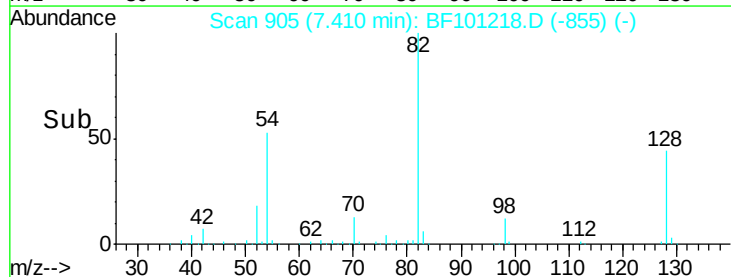
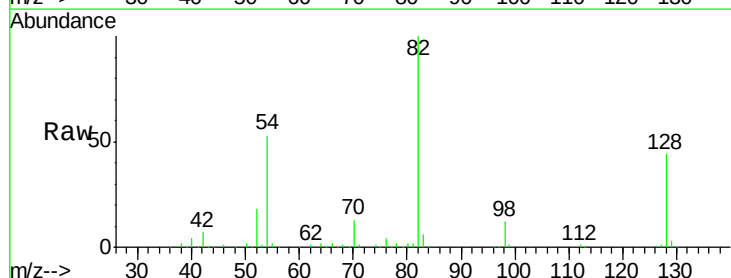
Instrument :
BNA_F
ClientSampleId :
PB-3(10-20)

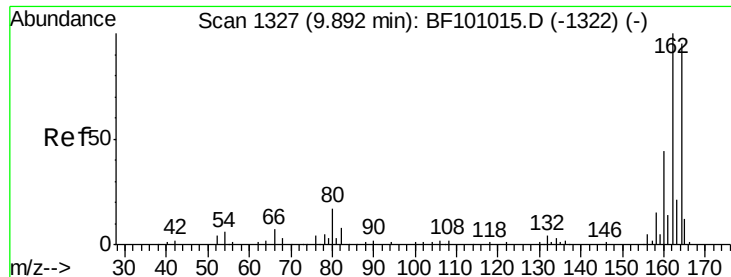
Tot Ion:136	Resp: 160852
Ion Ratio	Lower Upper
136 100	
137 11.7	8.9 13.3
54 7.9	6.6 9.8
68 4.6	5.0 7.4#



#23
Nitrobenzene-d5
Concen: 102.364 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101218.D
Acq: 7 Dec 2017 21:07

Tgt Ion: 82	Resp: 276019
Ion Ratio	Lower Upper
82 100	
128 44.0	36.1 54.1
54 53.4	41.4 62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF101218.D

Acq: 7 Dec 2017 21:07

Instrument :

BNA_F

ClientSampleId :

PB-3(10-20)

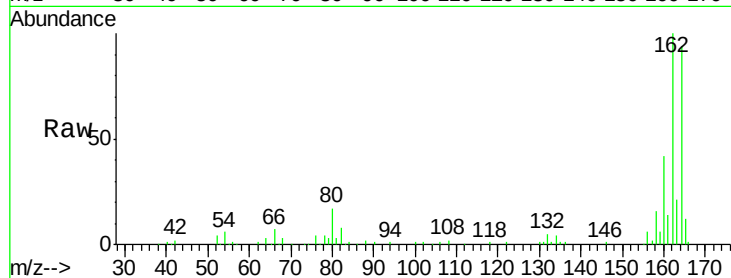
Tot Ion:164 Resp: 64997

Ion Ratio Lower Upper

164 100

162 106.9 86.1 129.1

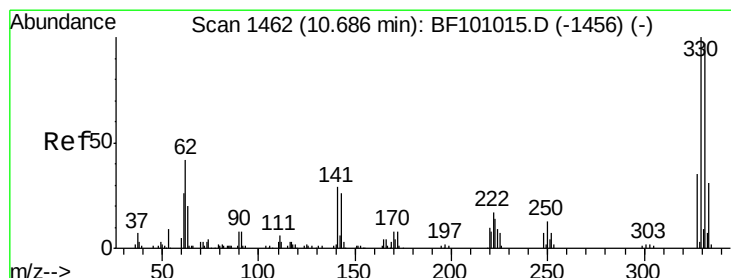
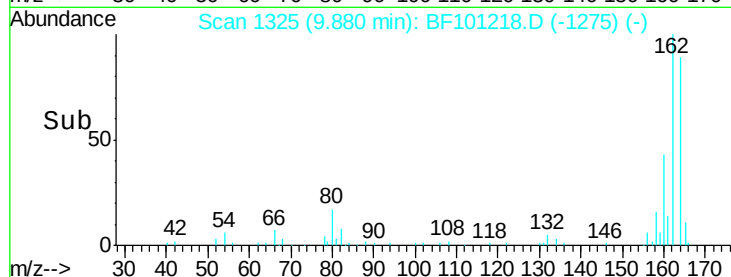
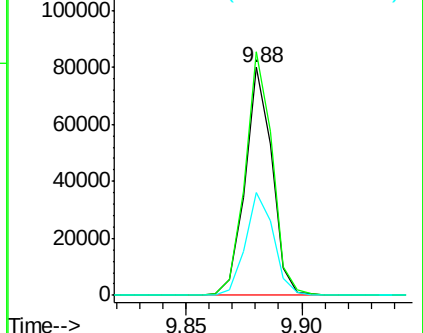
160 45.4 38.3 57.5



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: 128.237 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF101218.D

Acq: 7 Dec 2017 21:07

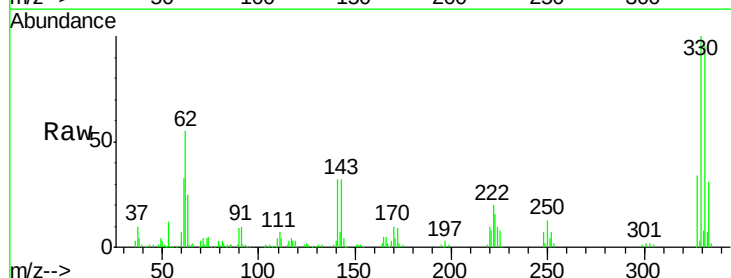
Tgt Ion:330 Resp: 100127

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

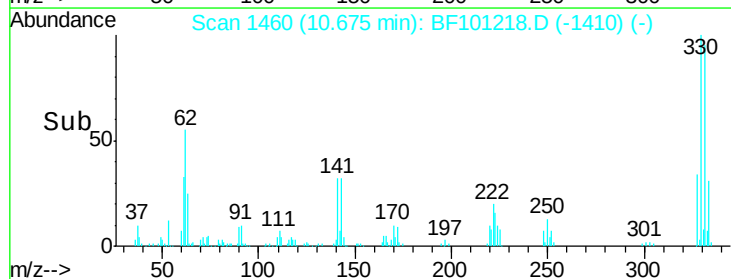
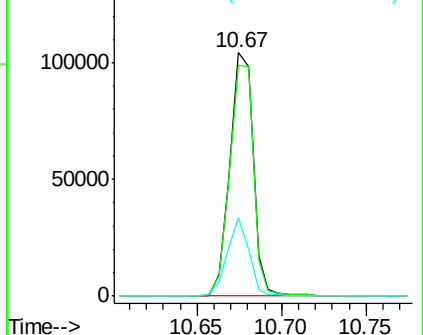
141 30.0 29.9 44.9

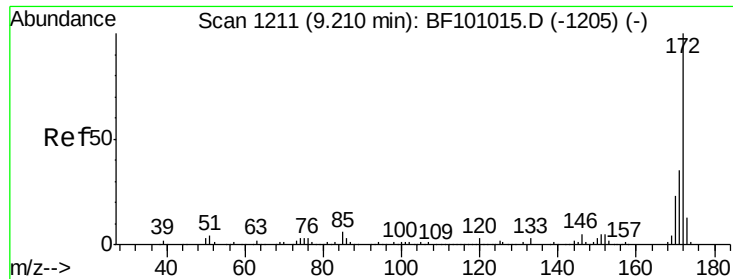


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

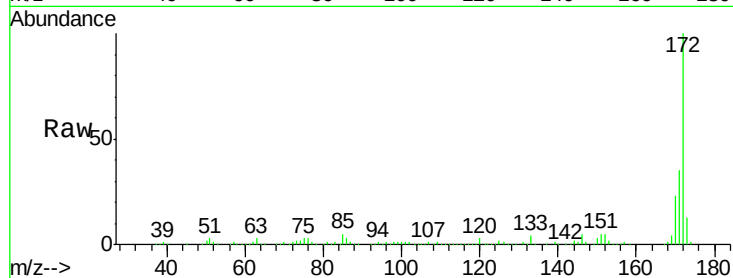




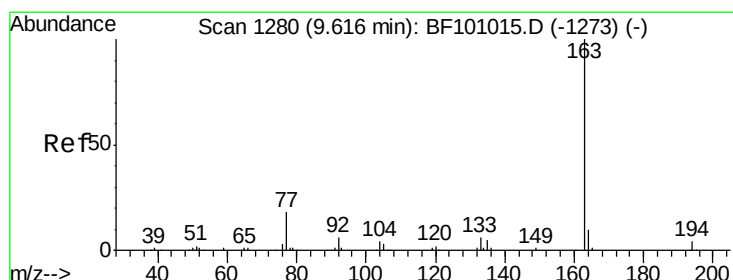
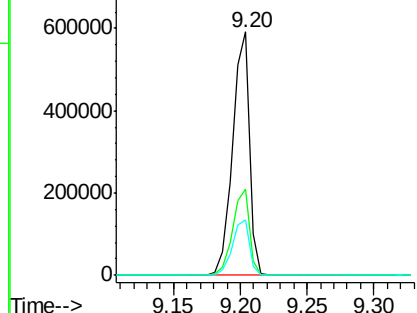
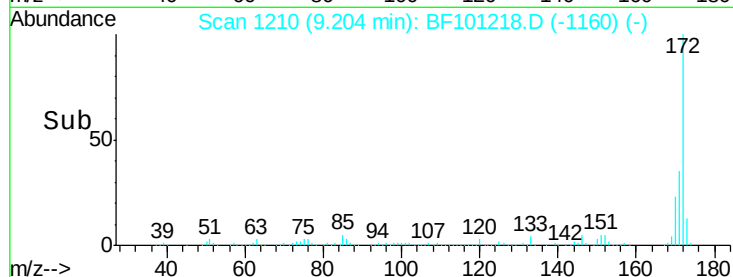
#44
 2-Fluorobiphenyl
 Concen: 111.905 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101218.D
 Acq: 7 Dec 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :
 PB-3(10-20)

Tot Ion:172 Resp: 531612
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 23.0 19.6 29.4

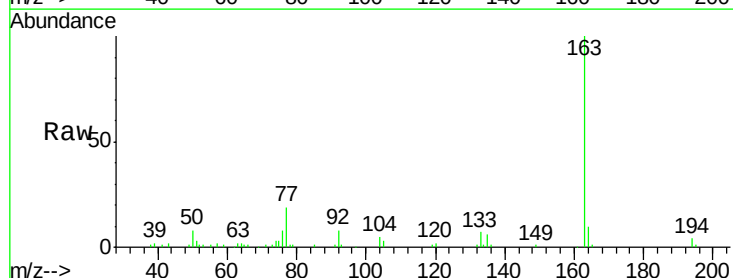


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

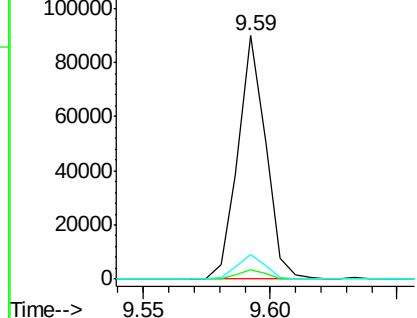
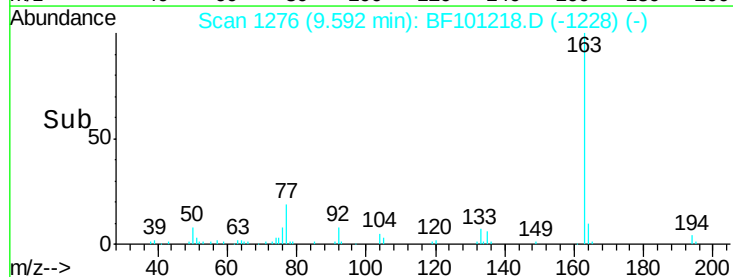


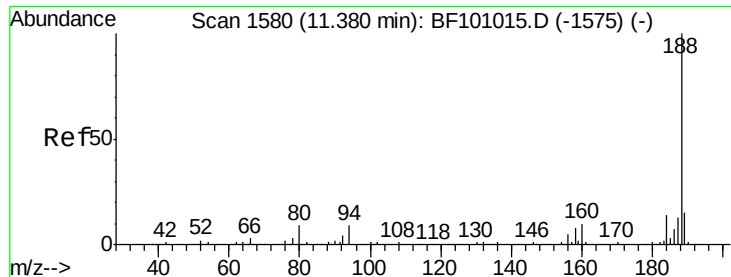
#49
 Dimethylphthalate
 Concen: 13.089 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF101218.D
 Acq: 7 Dec 2017 21:07

Tgt Ion:163 Resp: 68612
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 10.3 8.2 12.2



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

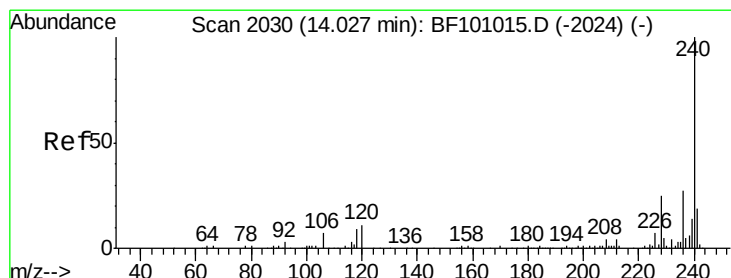
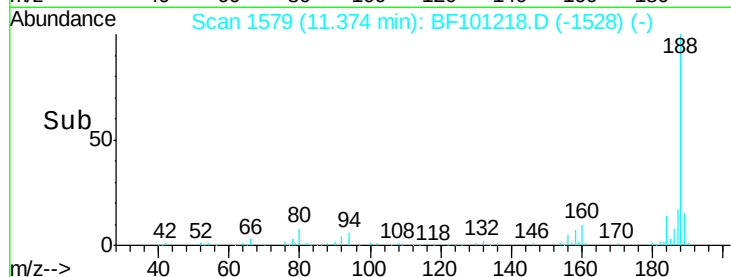
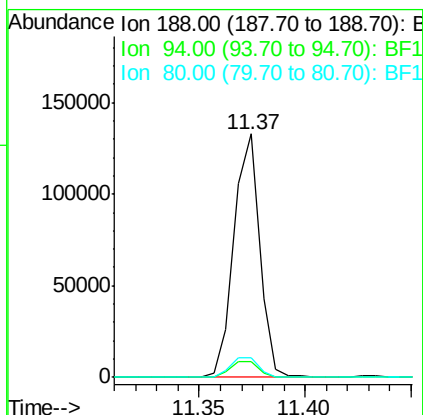
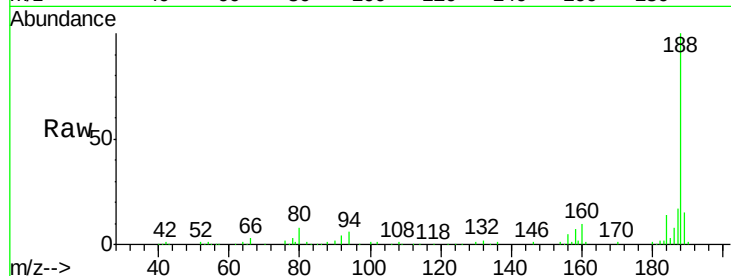




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101218.D
Acq: 7 Dec 2017 21:07

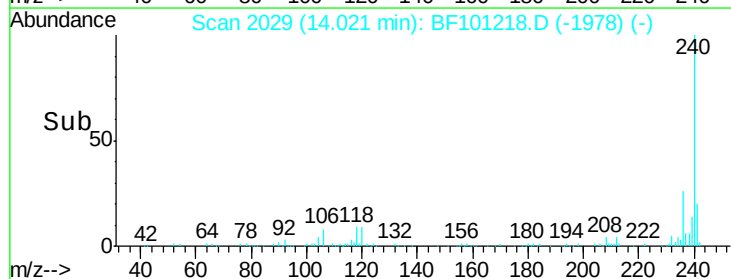
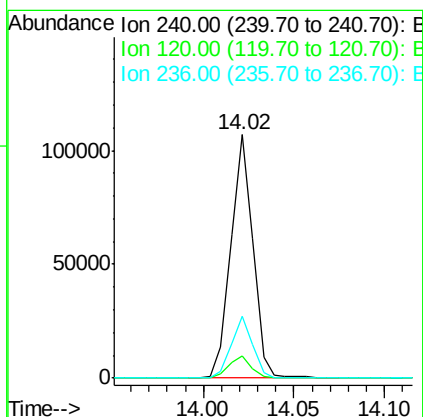
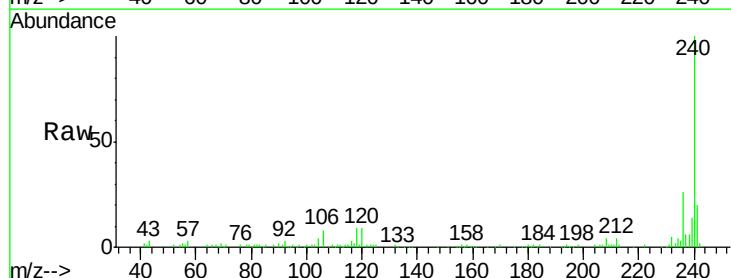
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ClientSampleId :
PB-3(10-20)

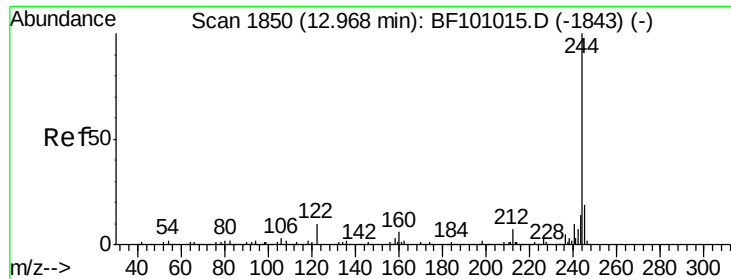
Tot Ion:188 Resp: 111888
Ion Ratio Lower Upper
188 100
94 6.4 8.5 12.7#
80 7.9 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101218.D
Acq: 7 Dec 2017 21:07

Tgt Ion:240 Resp: 91526
Ion Ratio Lower Upper
240 100
120 9.1 9.5 14.3#
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 103.041 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF101218.D

Acq: 7 Dec 2017 21:07

Instrument :

BNA_F

ClientSampleId :

PB-3(10-20)

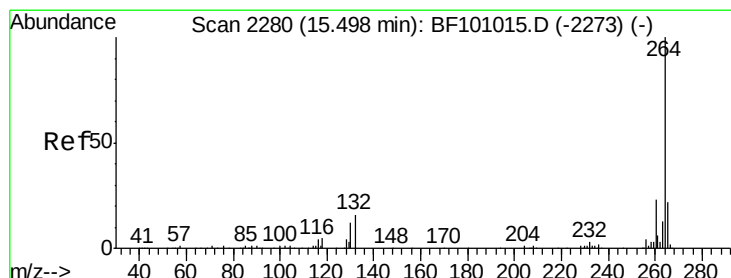
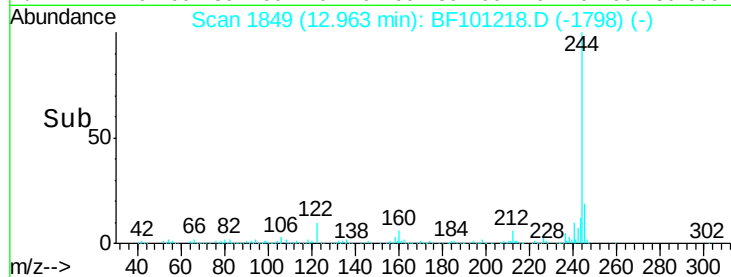
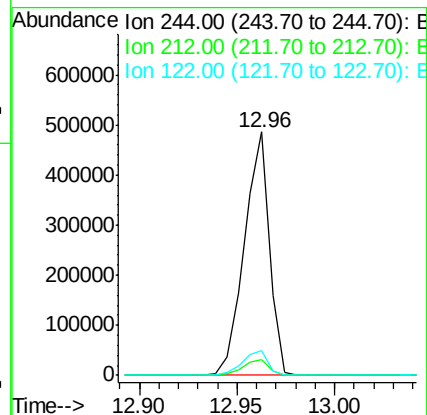
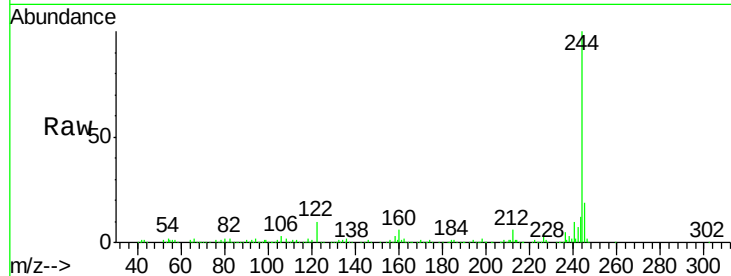
Tot Ion:244 Resp: 431176

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 10.1 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF101218.D

Acq: 7 Dec 2017 21:07

Tgt Ion:264 Resp: 71917

Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

265 21.9 17.5 26.3

