

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102307.D
 Acq On : 22 Jan 2018 18:55
 Operator : SJ/JU
 Sample : J1218-01 50X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 00:09:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 13:38:42 2018
 Response via : Initial Calibration

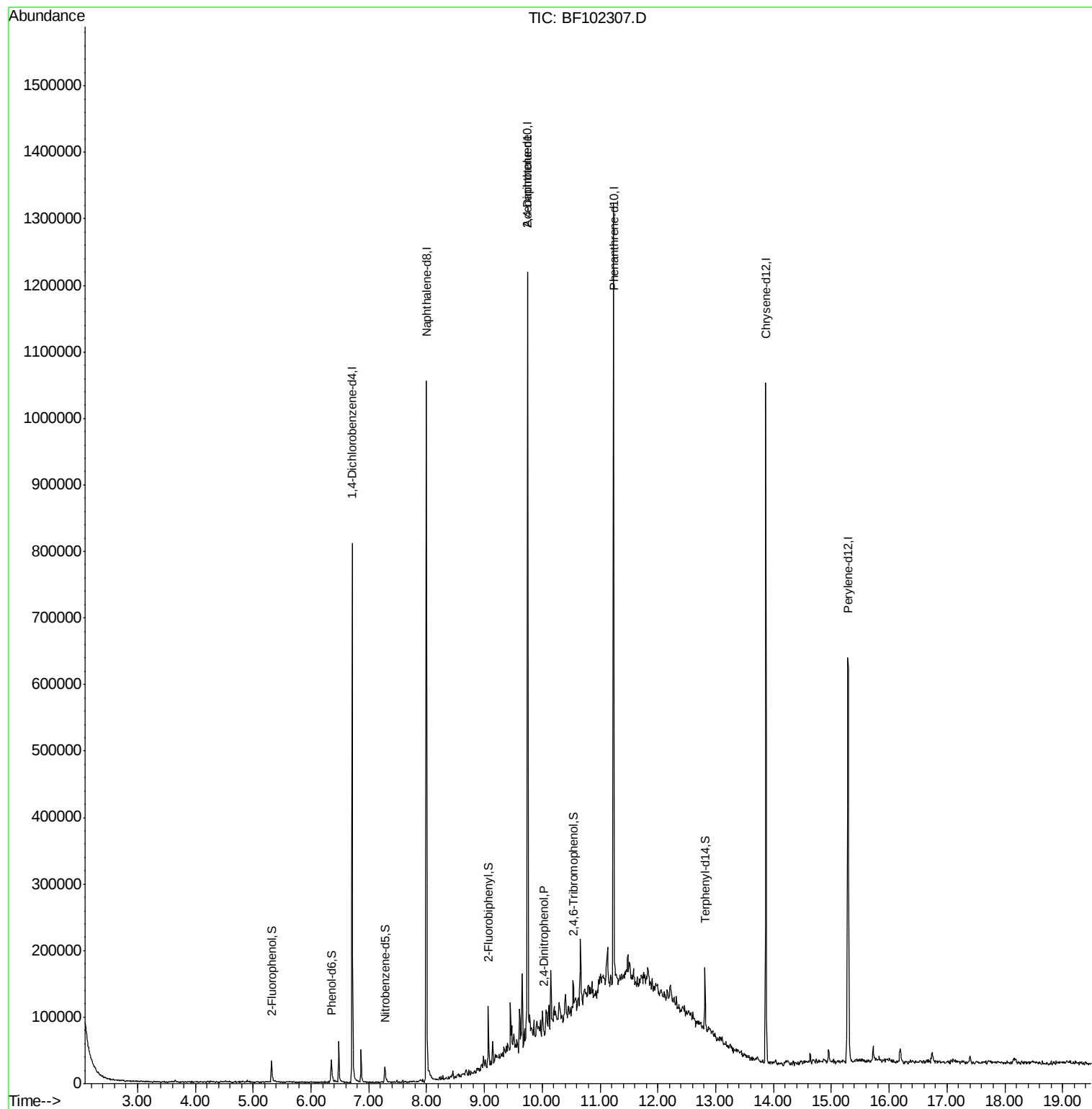
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	126588	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	528955	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	240605	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	406970	20.00	ng	0.00
75) Chrysene-d12	13.87	240	312863	20.00	ng	0.00
86) Perylene-d12	15.29	264	272168	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	14529	1.74	ng	0.00
7) Phenol-d6	6.35	99	21141	2.10	ng	0.00
23) Nitrobenzene-d5	7.27	82	13115	1.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	4243	1.78	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	29592	1.81	ng	-0.01
78) Terphenyl-d14	12.82	244	28509	2.05	ng	0.00
Target Compounds						
53) 2,4-Dinitrophenol	10.03	184	144	3.767	ng	# 1
56) 2,4-Dinitrotoluene	9.75	165	32598	6.182	ng	# 23

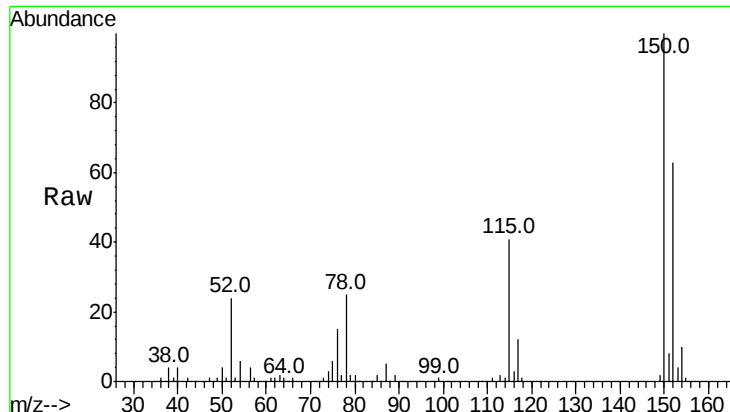
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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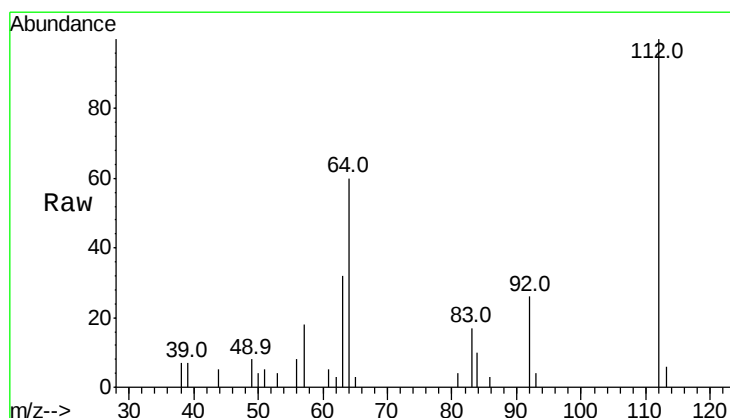
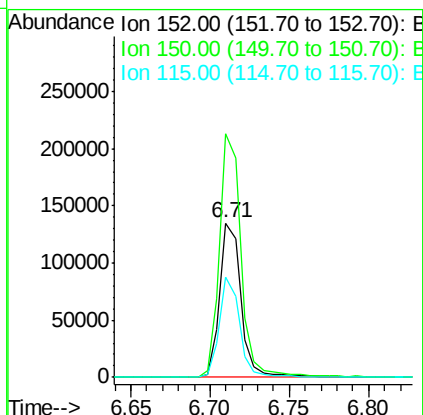
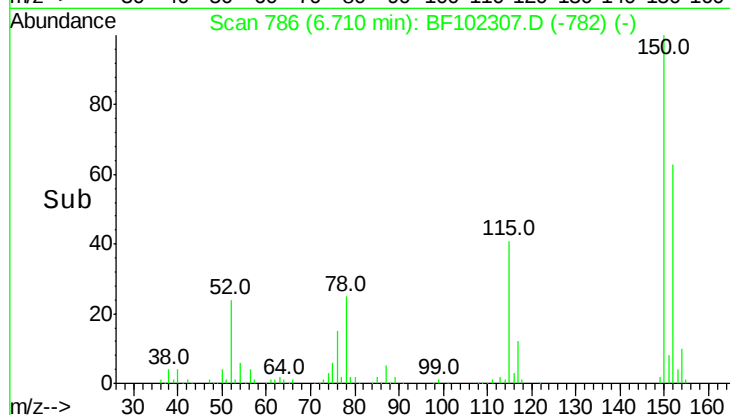




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102307.D
 Acq: 22 Jan 2018 18:55

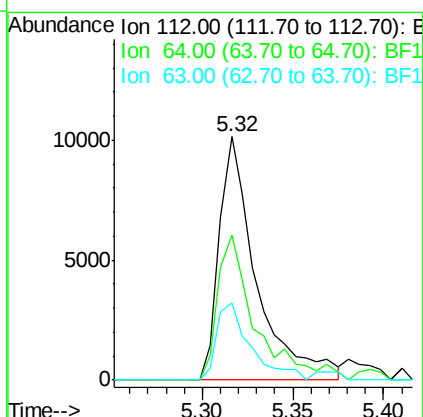
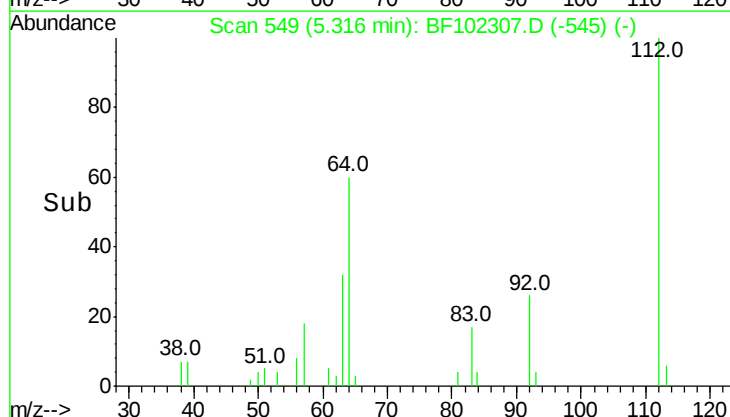
Instrument :
 BNA_F
 ClientSampleId :

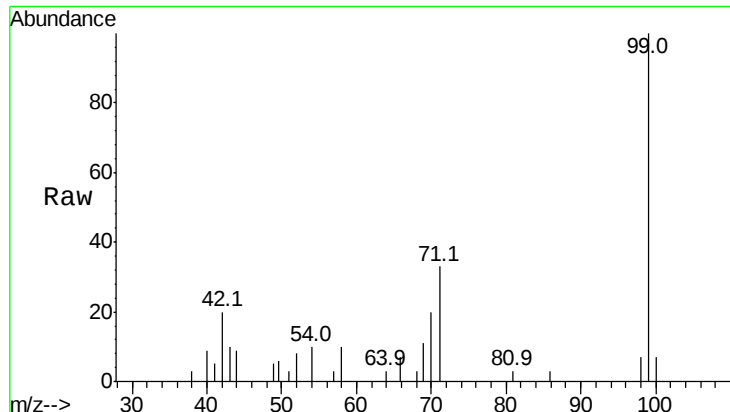
Tot Ion:152 Resp: 126588
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.6 186.8
 115 65.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 1.740 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF102307.D
 Acq: 22 Jan 2018 18:55

Tgt Ion:112 Resp: 14529
 Ion Ratio Lower Upper
 112 100
 64 59.6 47.9 71.9
 63 31.9 23.7 35.5





#7

Phenol-d6

Concen: 2.100 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102307.D

Acq: 22 Jan 2018 18:55

Instrument :

BNA_F

ClientSampleId :

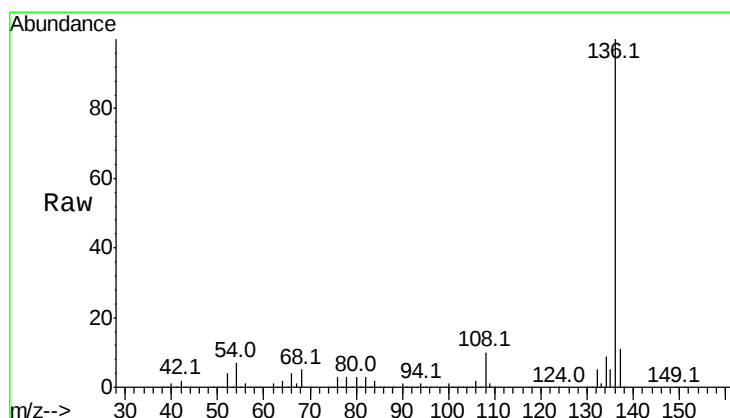
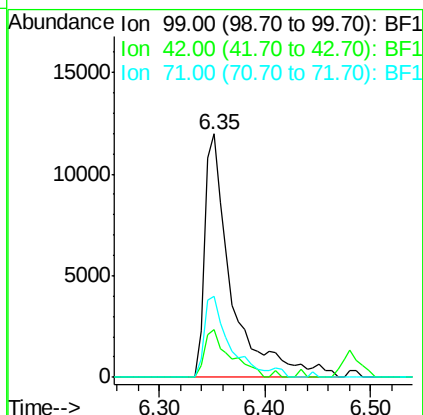
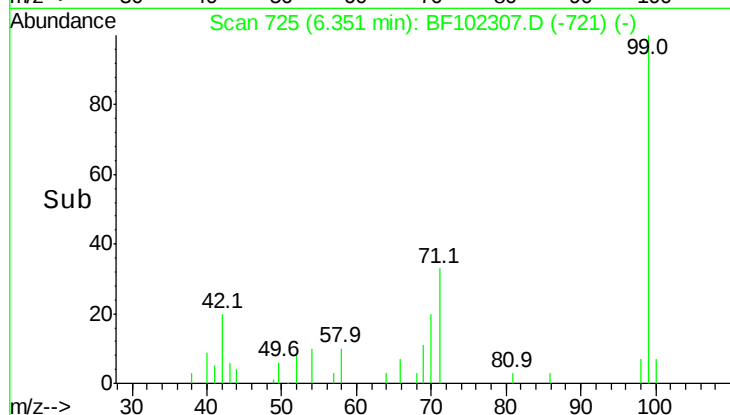
Tot Ion: 99 Resp: 21141

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 33.5 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102307.D

Acq: 22 Jan 2018 18:55

Tgt Ion:136 Resp: 528955

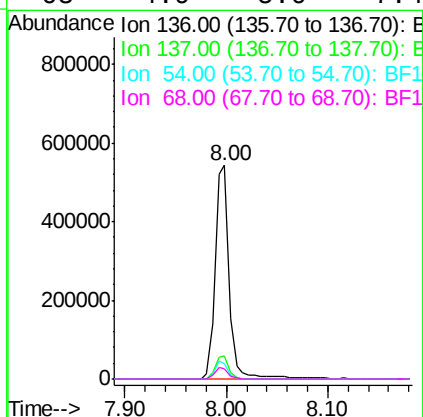
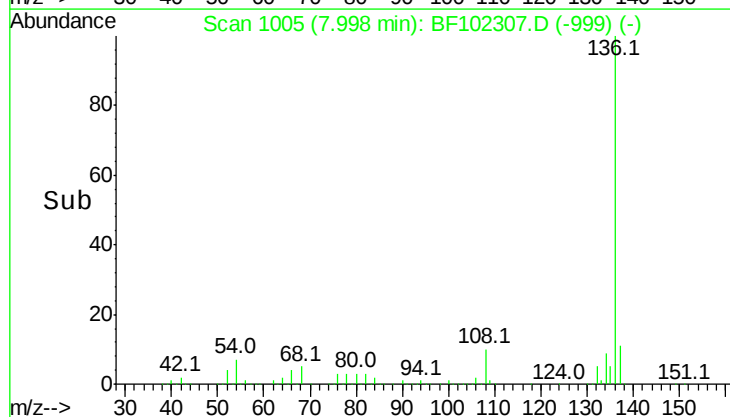
Ion Ratio Lower Upper

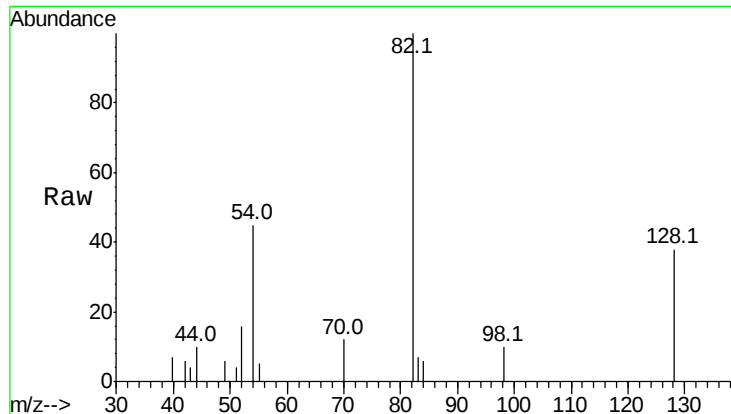
136 100

137 10.9 8.9 13.3

54 7.3 6.6 9.8

68 4.9 5.0 7.4#

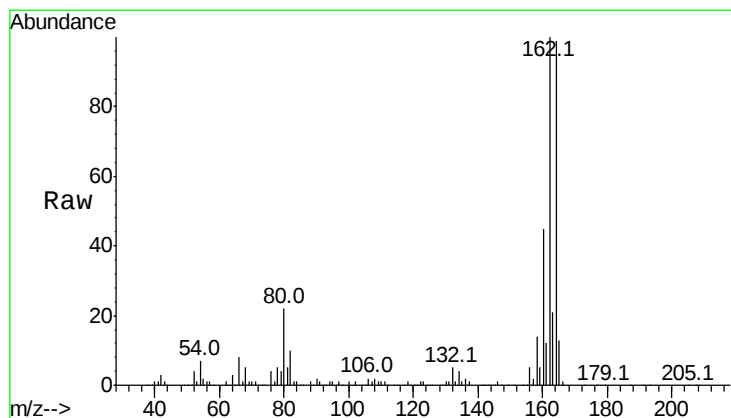
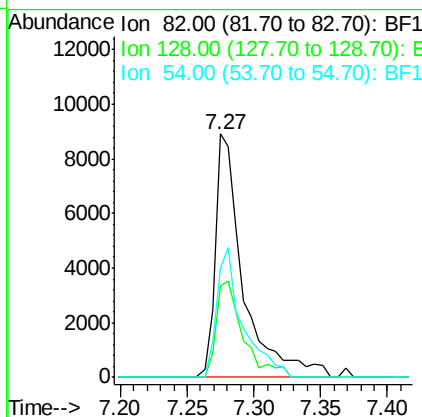
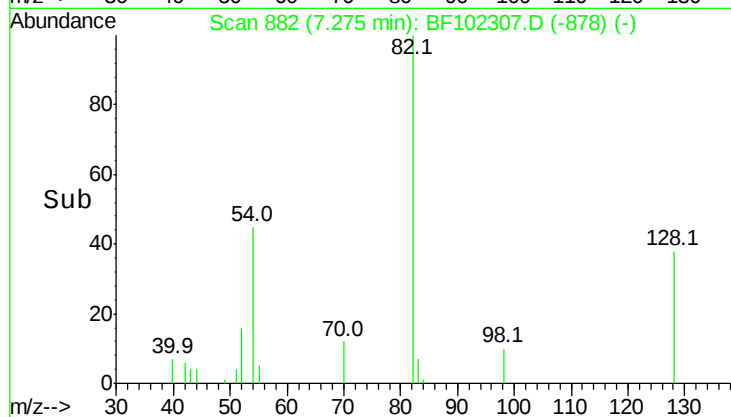




#23
Nitrobenzene-d5
Concen: 1.425 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF102307.D
Acq: 22 Jan 2018 18:55

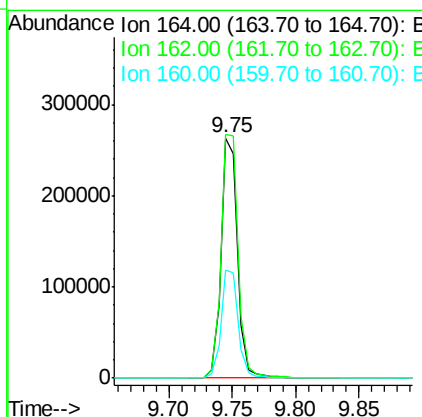
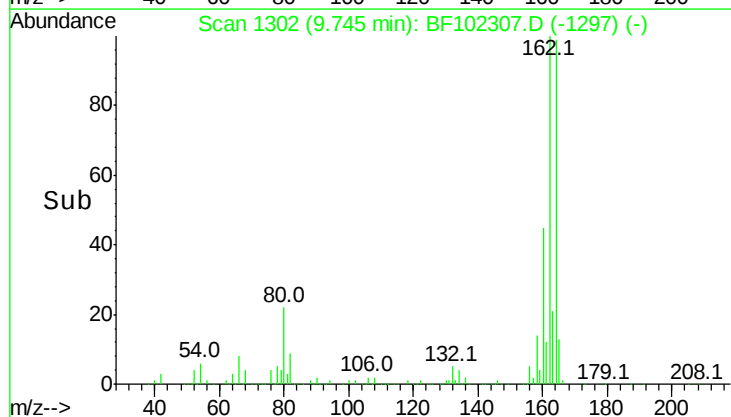
Instrument :
BNA_F
ClientSampled :

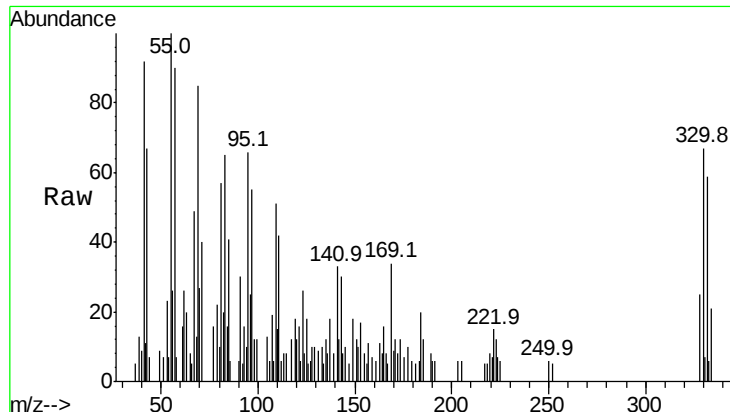
Tot Ion:	82	Resp:	13115
Ion	Ratio	Lower	Upper
82	100		
128	37.6	36.1	54.1
54	45.0	41.4	62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102307.D
Acq: 22 Jan 2018 18:55

Tgt Ion:	164	Resp:	240605
Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	45.3	38.3	57.5

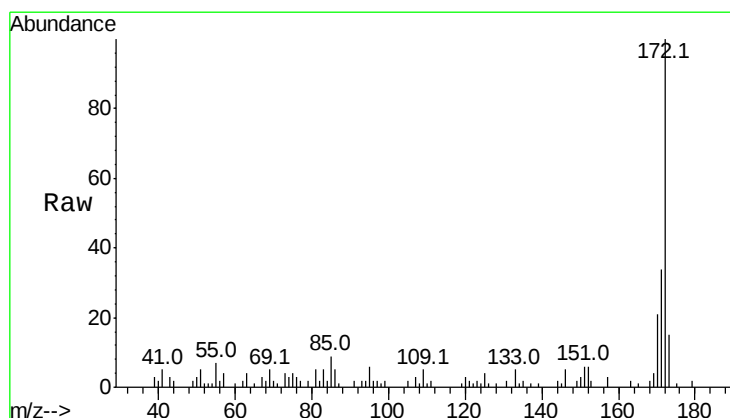
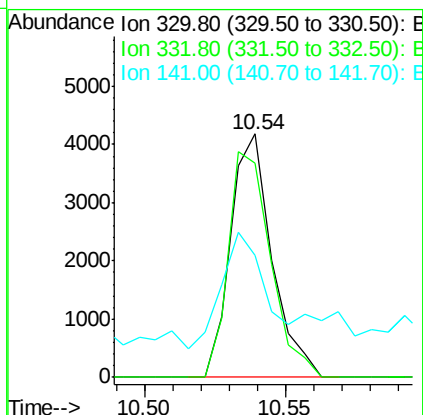
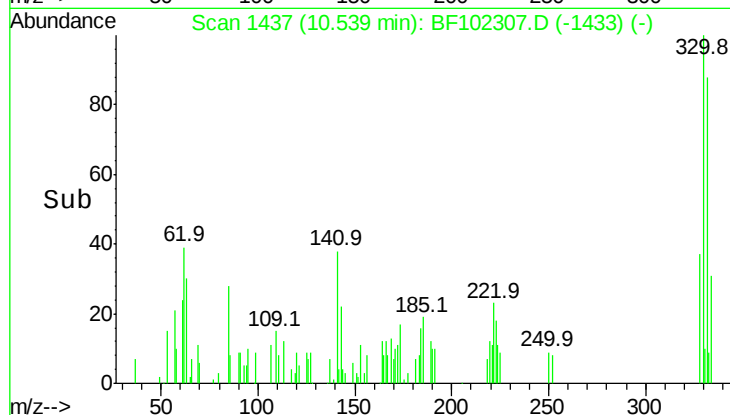




#41
2,4,6-Tribromophenol
Concen: 1.780 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102307.D
Acq: 22 Jan 2018 18:55

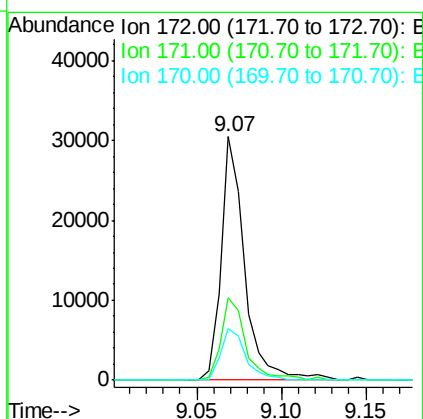
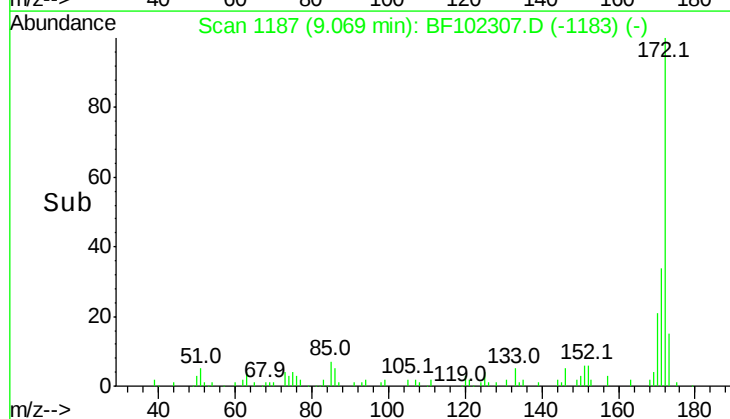
Instrument :
BNA_F
ClientSampleId :

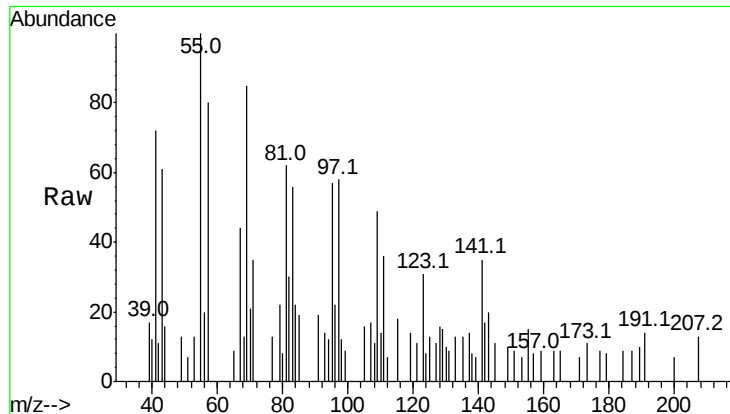
Tot Ion:330 Resp: 4243
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.6
141 50.1 29.9 44.9#



#44
2-Fluorobiphenyl
Concen: 1.808 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102307.D
Acq: 22 Jan 2018 18:55

Tgt Ion:172 Resp: 29592
Ion Ratio Lower Upper
172 100
171 33.9 29.7 44.5
170 21.2 19.6 29.4

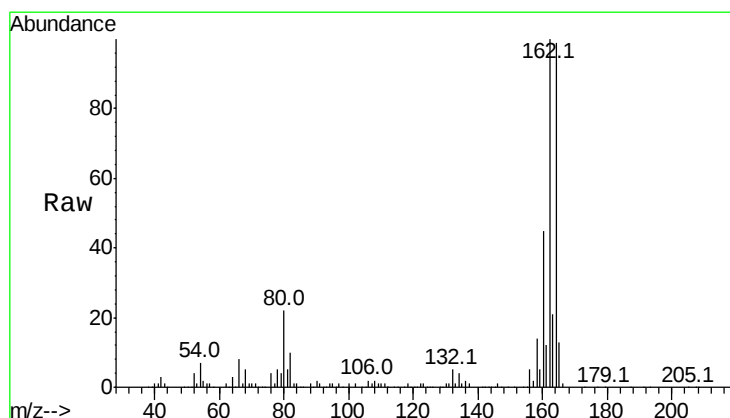
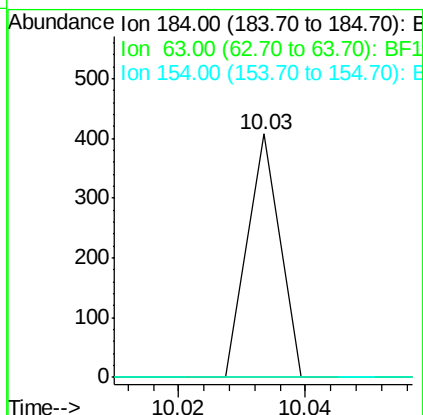
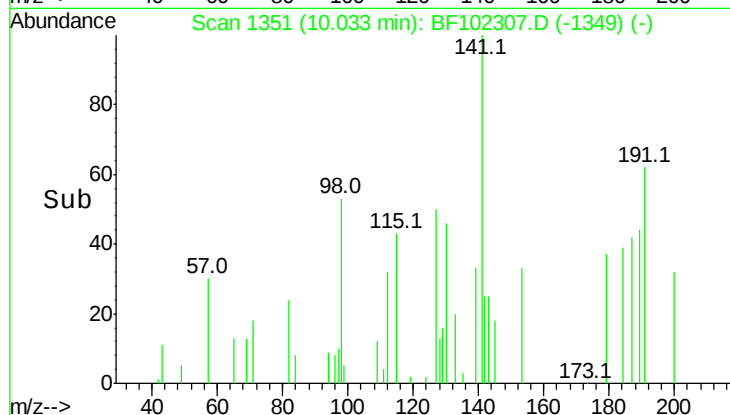




#53
 2,4-Dinitrophenol
 Concen: 3.767 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.21 min
 Lab File: BF102307.D
 Acq: 22 Jan 2018 18:55

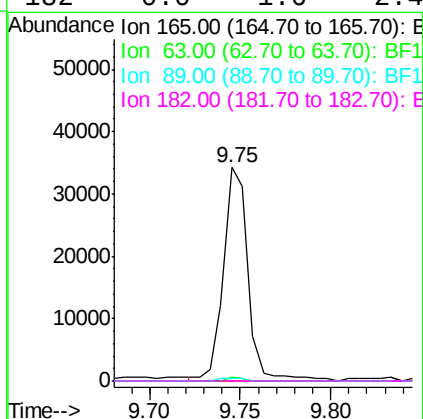
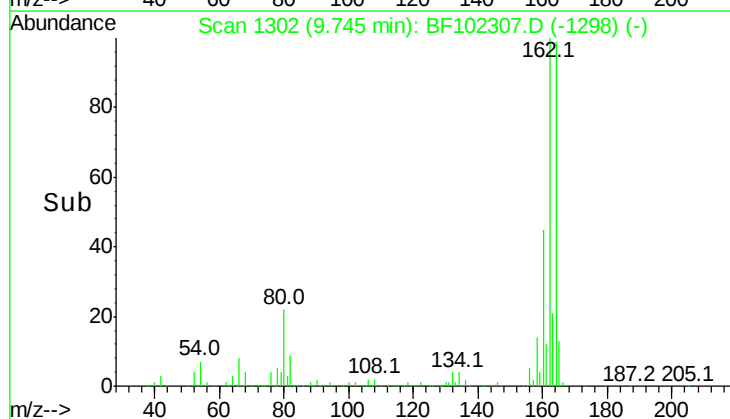
Instrument :
 BNA_F
 ClientSampleId :

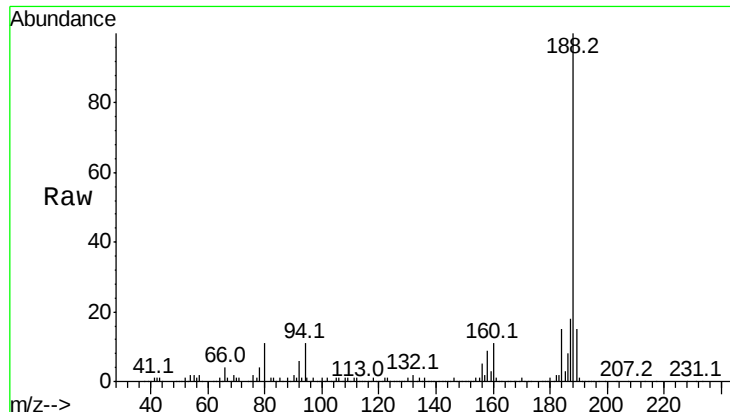
Tot Ion:184 Resp: 144
 Ion Ratio Lower Upper
 184 100
 63 0.0 54.2 81.2#
 154 0.0 184.0 276.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.182 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102307.D
 Acq: 22 Jan 2018 18:55

Tgt Ion:165 Resp: 32598
 Ion Ratio Lower Upper
 165 100
 63 1.6 36.4 54.6#
 89 1.3 57.8 86.6#
 182 0.0 1.6 2.4#

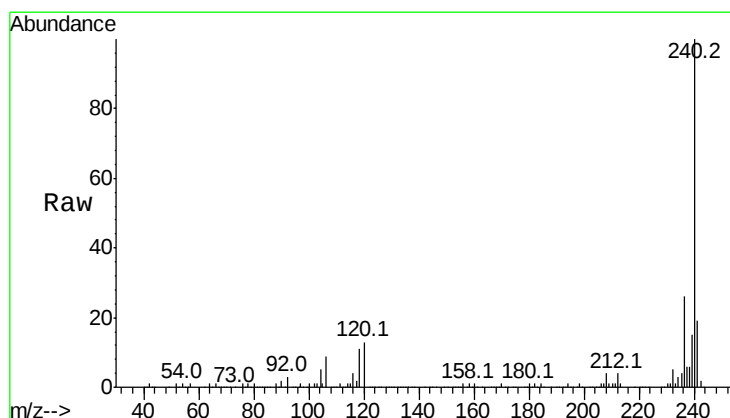
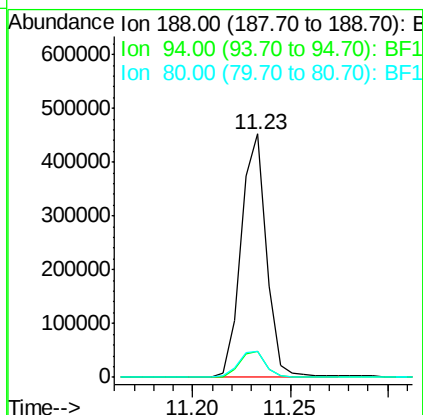
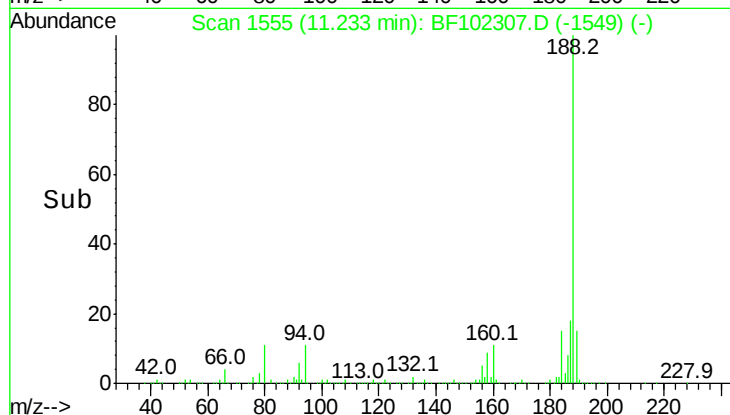




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF102307.D
 Acq: 22 Jan 2018 18:55

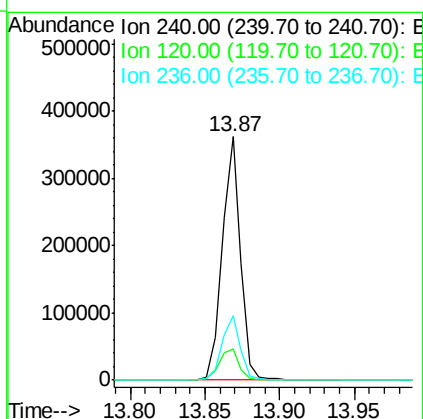
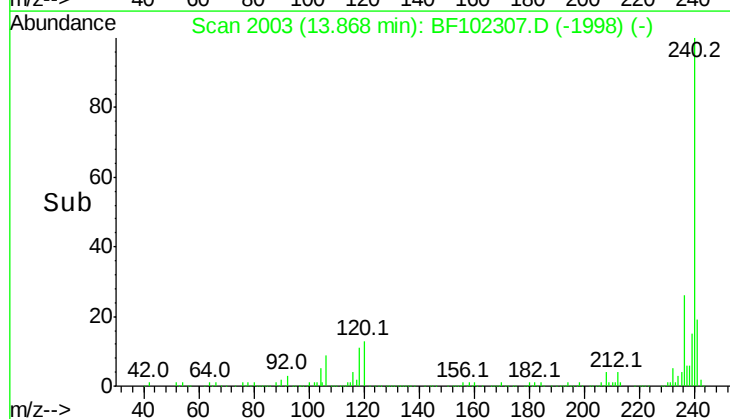
Instrument :
 BNA_F
 ClientSampleId :

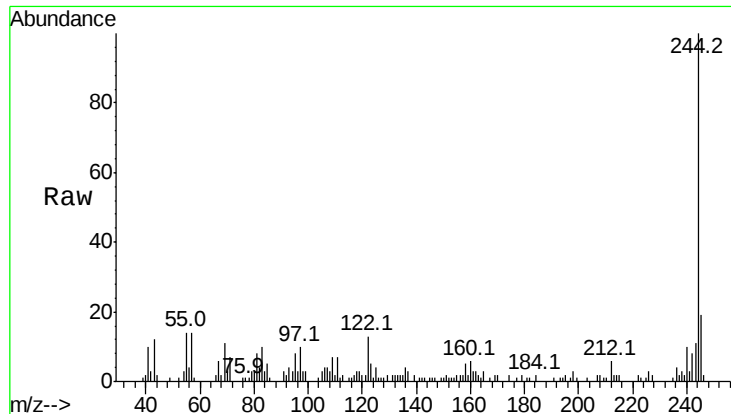
Tot Ion:188 Resp: 406970
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.5 12.7
 80 10.9 9.2 13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF102307.D
 Acq: 22 Jan 2018 18:55

Tgt Ion:240 Resp: 312863
 Ion Ratio Lower Upper
 240 100
 120 13.0 9.5 14.3
 236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 2.054 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF102307.D

Acq: 22 Jan 2018 18:55

Instrument :

BNA_F

ClientSampleId :

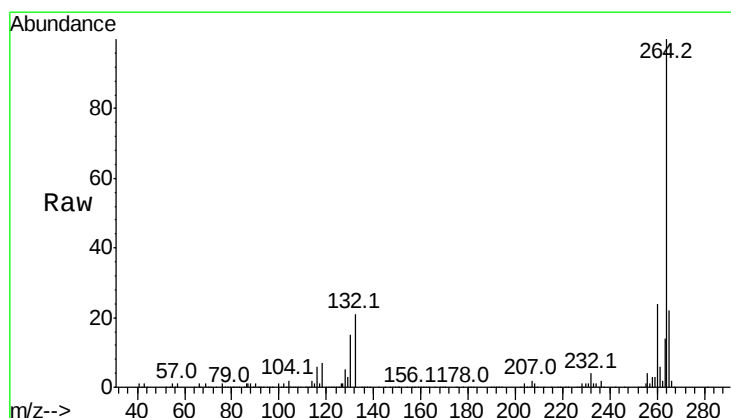
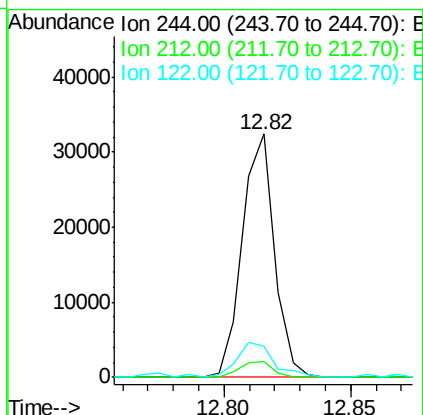
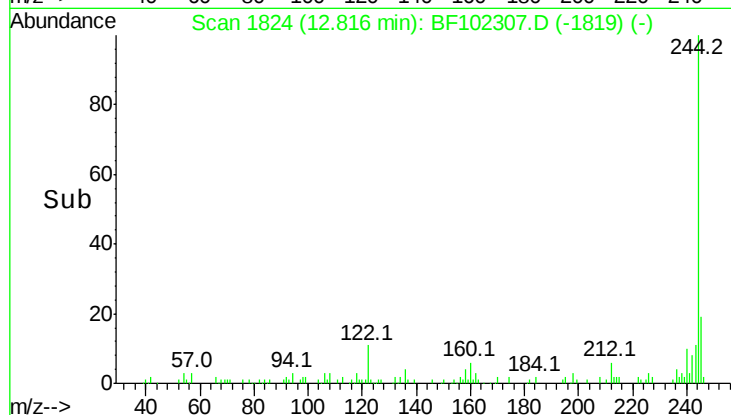
Tot Ion:244 Resp: 28509

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 12.6 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2245

Delta R.T. -0.00 min

Lab File: BF102307.D

Acq: 22 Jan 2018 18:55

Tgt Ion:264 Resp: 272168

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.6 17.5 26.3

