

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101962.D
 Acq On : 9 Jan 2018 19:44
 Operator : SJ/JU
 Sample : J1043-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Quant Time: Jan 10 01:18:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

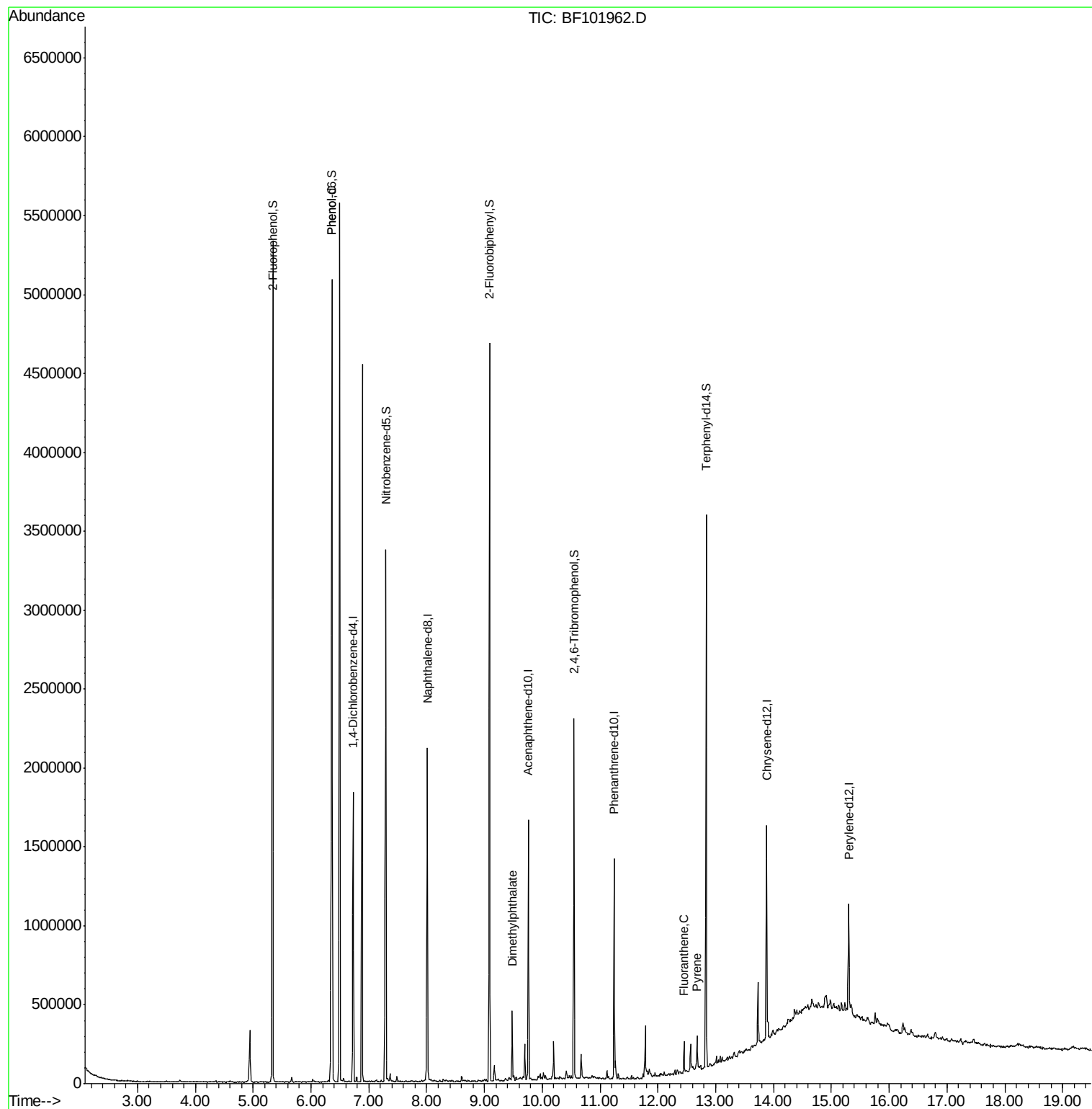
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	230816	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	837804	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	290980	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	426729	20.00	ng	0.00
75) Chrysene-d12	13.88	240	428722	20.00	ng	0.00
86) Perylene-d12	15.30	264	302512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1650833	100.99	ng	0.02
7) Phenol-d6	6.36	99	1927526	98.84	ng	0.01
23) Nitrobenzene-d5	7.29	82	1163834	81.63	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	243274	95.80	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1531801	82.24	ng	0.00
78) Terphenyl-d14	12.83	244	1150577	55.72	ng	0.00
Target Compounds						
10) Phenol	6.37	94	94603	4.292	ng	75
49) Dimethylphthalate	9.48	163	135224	5.793	ng	98
74) Fluoranthene	12.45	202	67849	2.767	ng	98
77) Pyrene	12.68	202	76328	2.014	ng	98

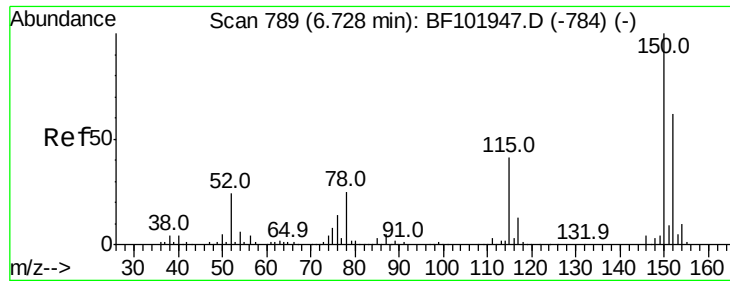
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
Data File : BF101962.D
Acq On : 9 Jan 2018 19:44
Operator : SJ/JU
Sample : J1043-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Quant Time: Jan 10 01:18:26 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 15:20:36 2018
Response via : Initial Calibration



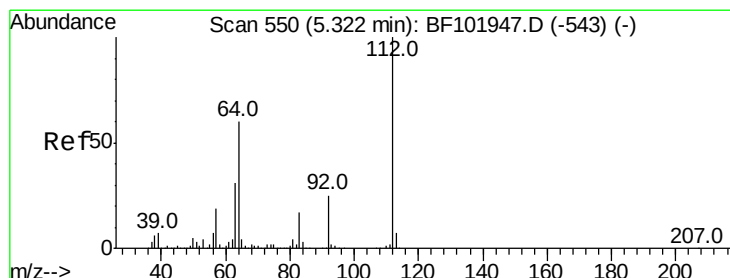
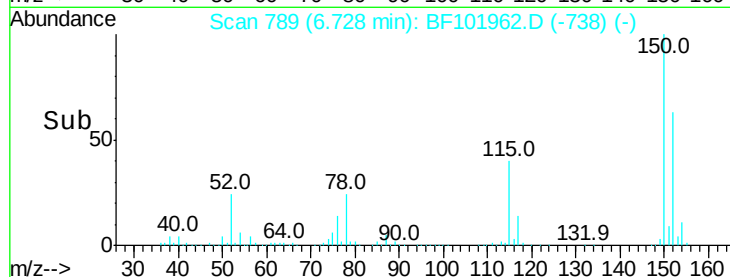
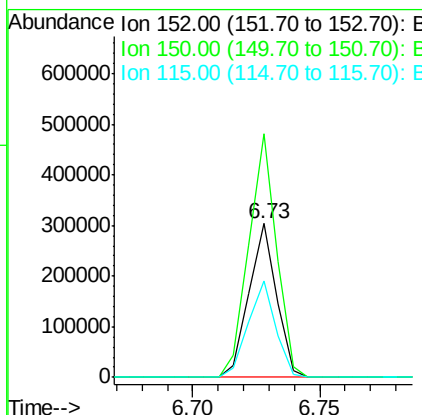
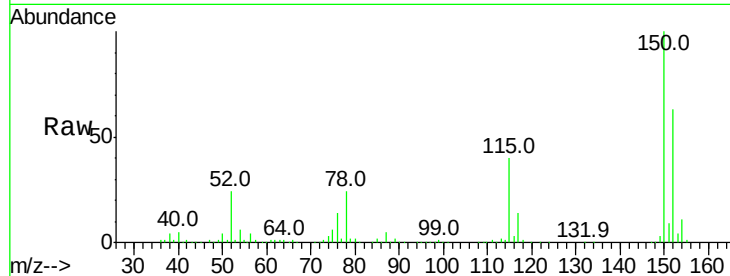


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

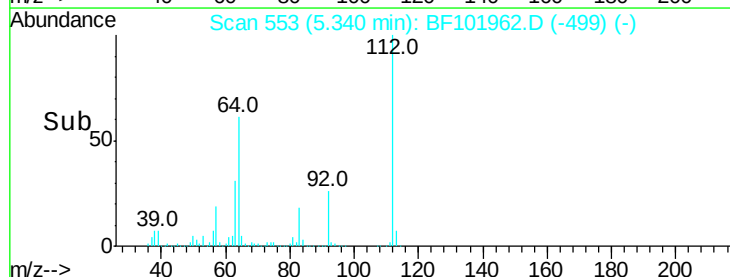
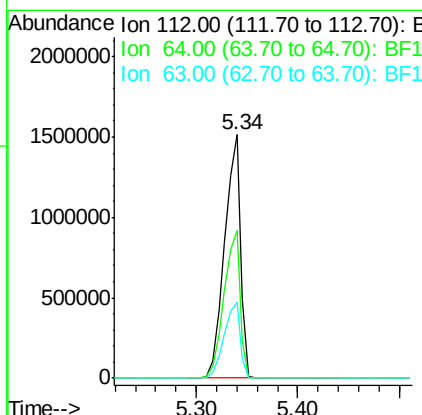
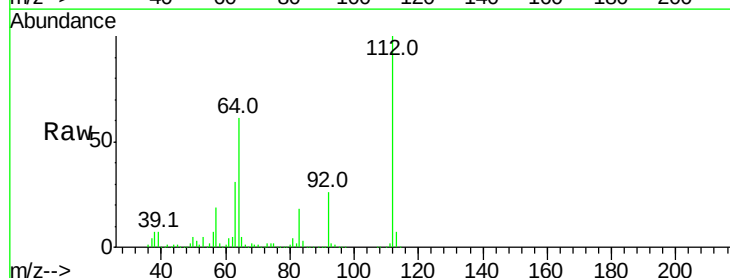
Tot Ion:152 Resp: 230816
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 63.0 50.1 75.1

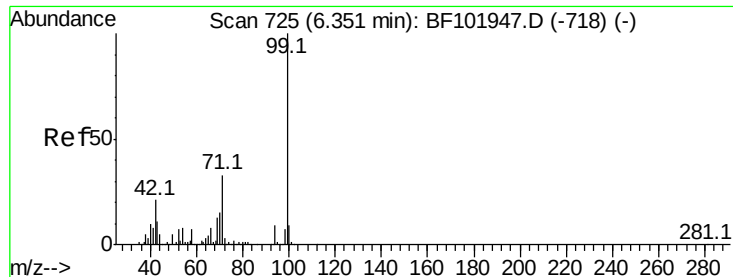


#5

2-Fluorophenol
Concen: 100.994 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Tgt Ion:112 Resp: 1650833
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 31.2 23.7 35.5





#7

Phenol-d6

Concen: 98.836 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

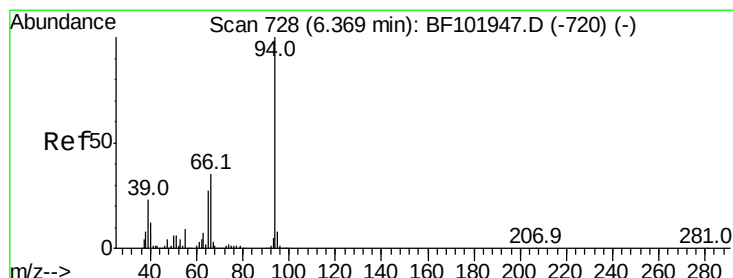
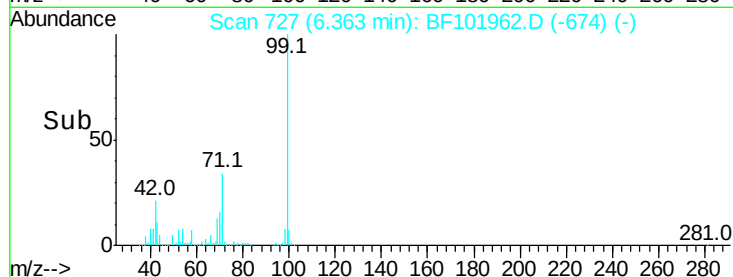
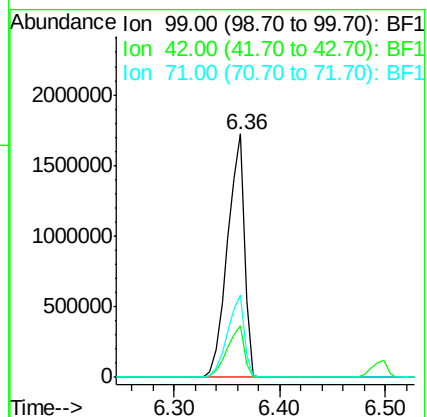
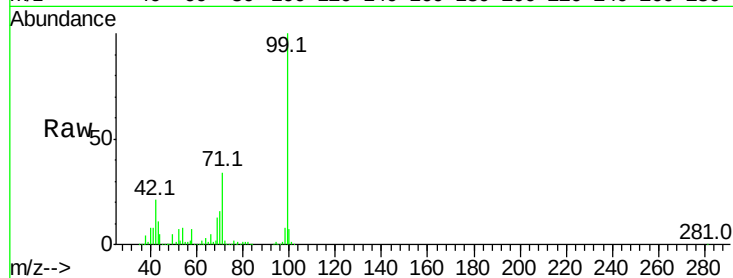
Tot Ion: 99 Resp: 1927526

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

71 33.6 25.4 38.0



#10

Phenol

Concen: 4.292 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

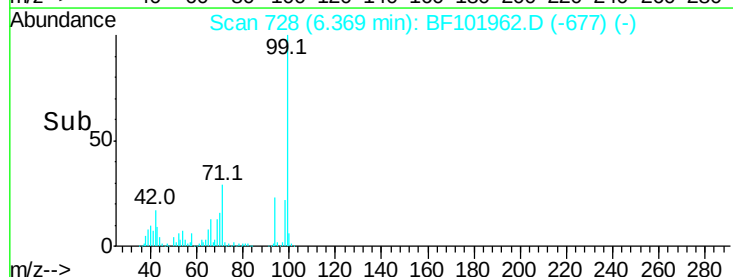
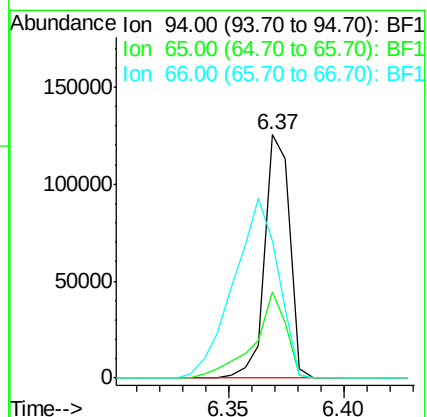
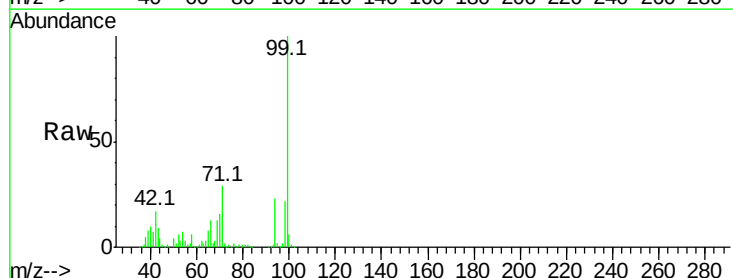
Tgt Ion: 94 Resp: 94603

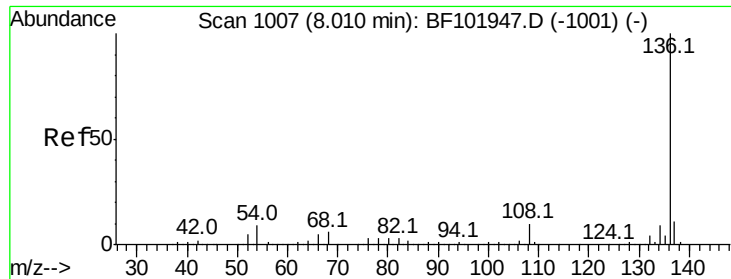
Ion Ratio Lower Upper

94 100

65 35.3 7.9 47.9

66 56.3 16.2 56.2#

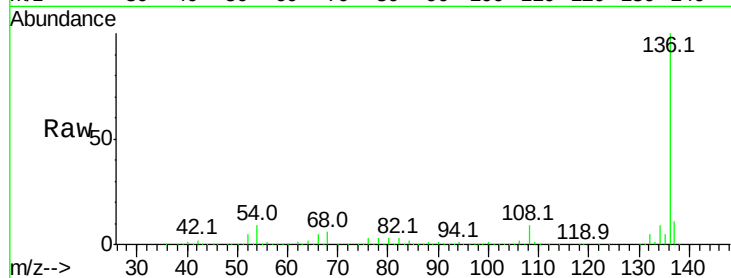




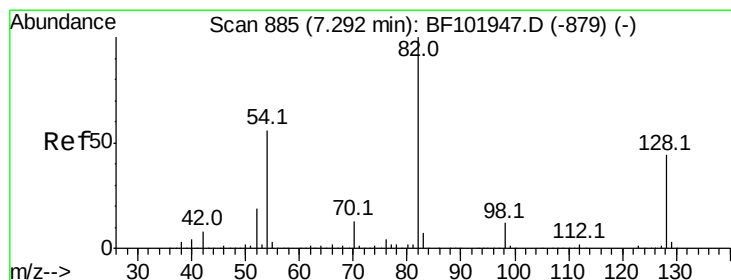
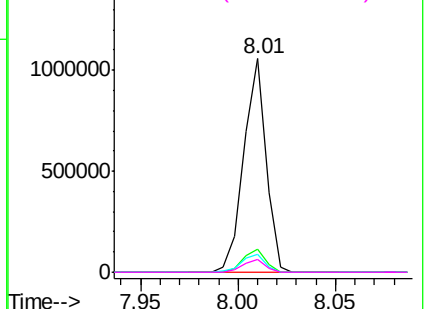
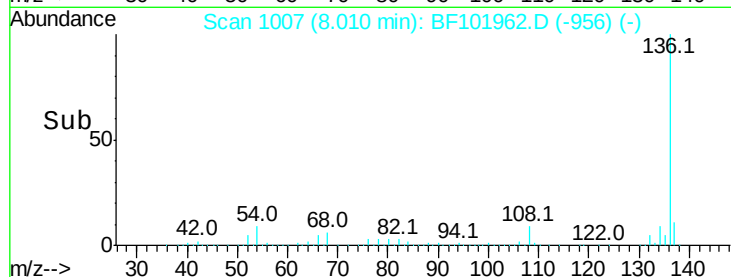
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tot Ion:	136	Resp:	837804
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.7	6.6	9.8
68	5.8	5.0	7.4

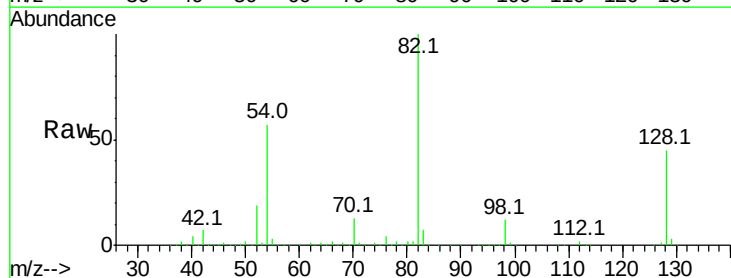


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

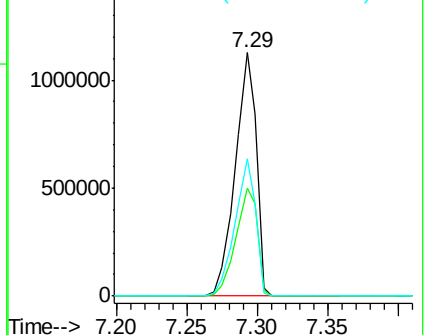
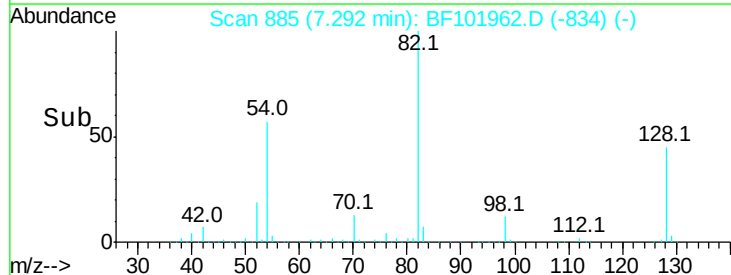


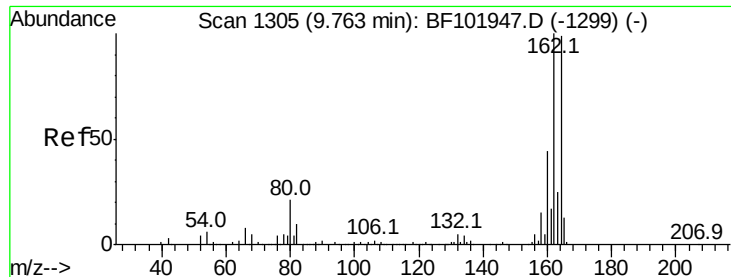
#23
Nitrobenzene-d5
Concen: 81.632 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Tgt Ion:	82	Resp:	1163834
Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	56.5	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

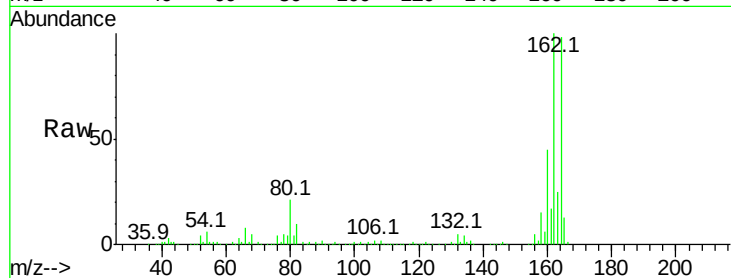
Tot Ion:164 Resp: 290980

Ion Ratio Lower Upper

164 100

162 102.4 86.1 129.1

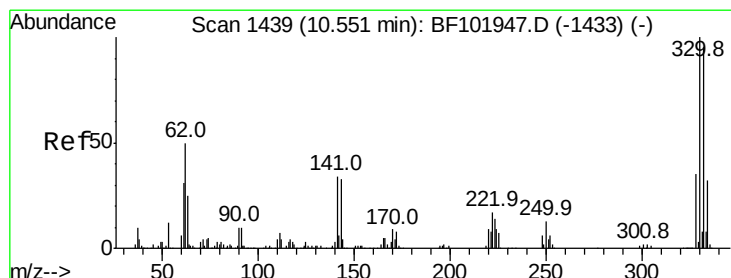
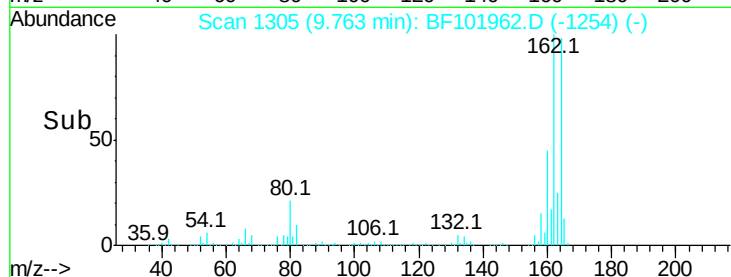
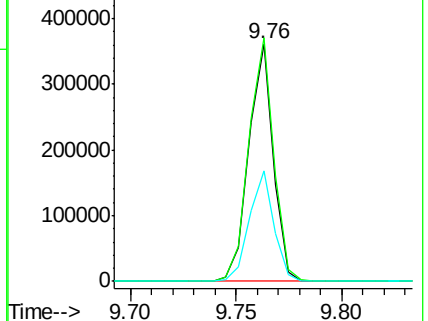
160 46.4 38.3 57.5



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: 95.802 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

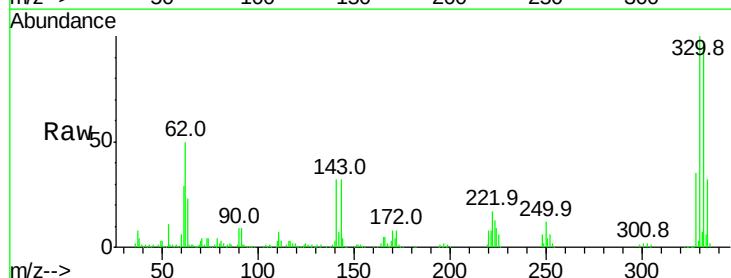
Tgt Ion:330 Resp: 243274

Ion Ratio Lower Upper

330 100

332 94.8 77.0 115.6

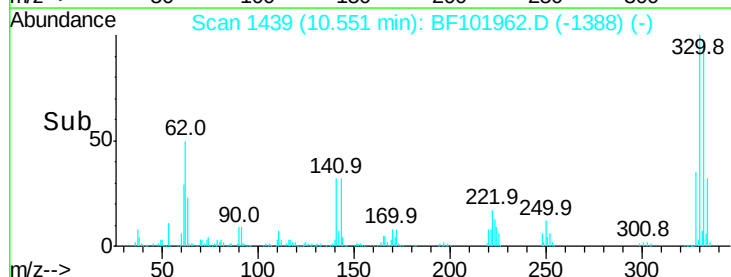
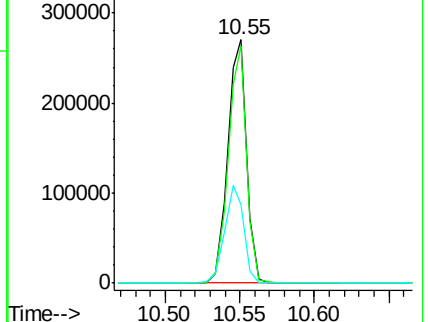
141 40.8 29.9 44.9

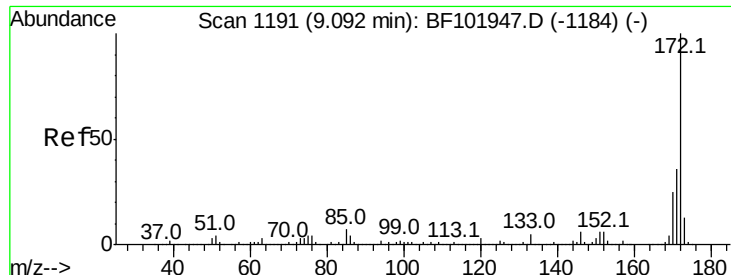


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

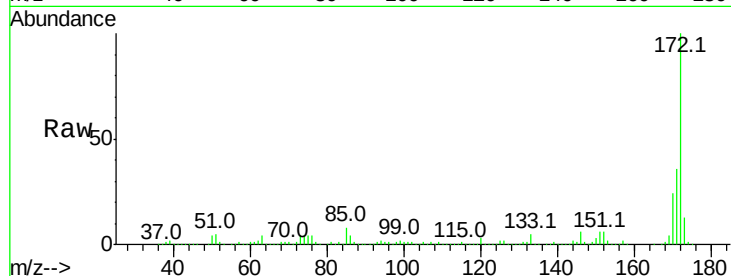




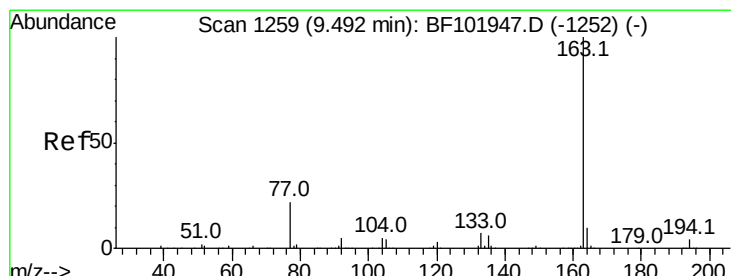
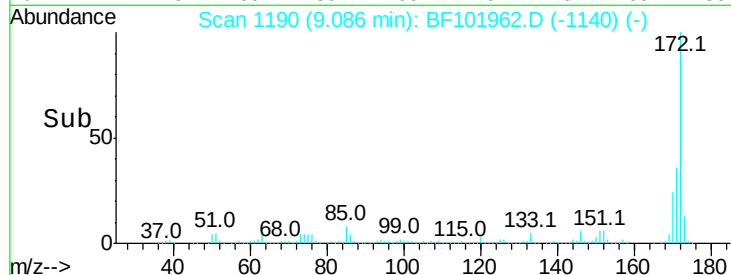
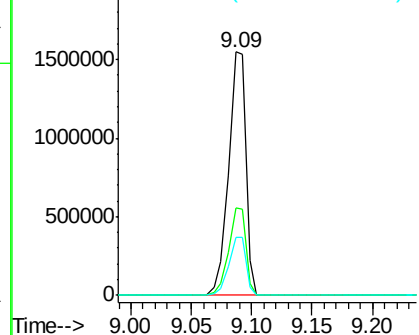
#44
2-Fluorobiphenyl
Concen: 82.242 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tot Ion:172 Resp: 1531801
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 23.9 19.6 29.4

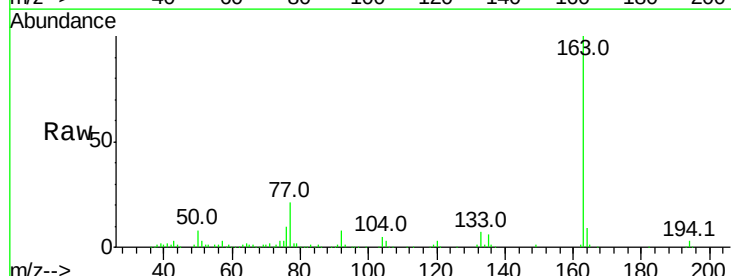


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

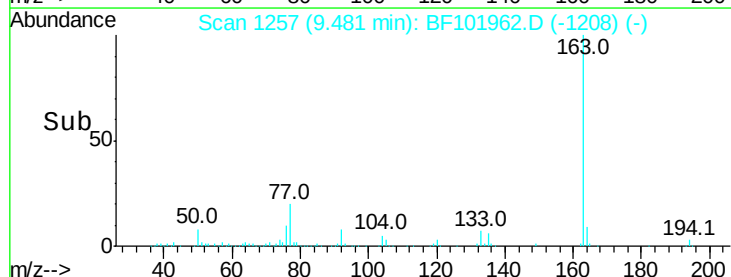
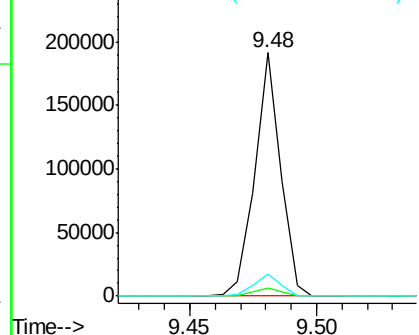


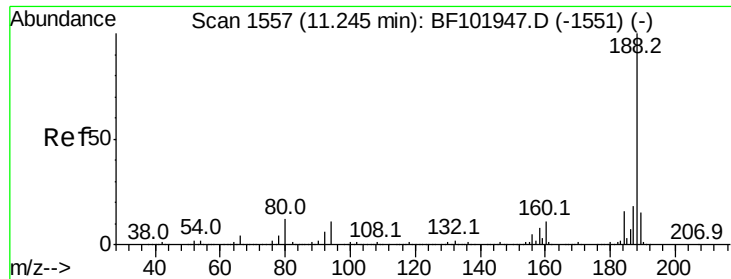
#49
Dimethylphthalate
Concen: 5.793 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Tgt Ion:163 Resp: 135224
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.2 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: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

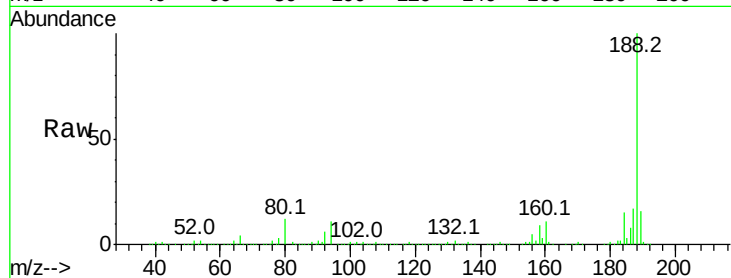
Tot Ion:188 Resp: 426729

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

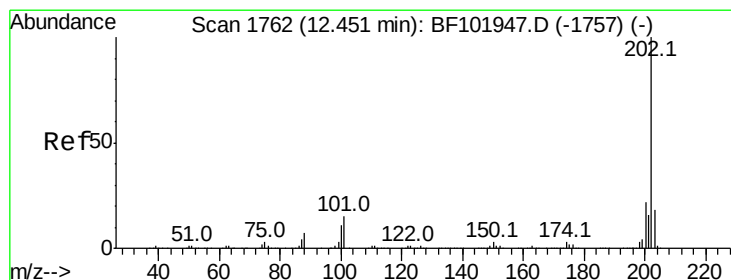
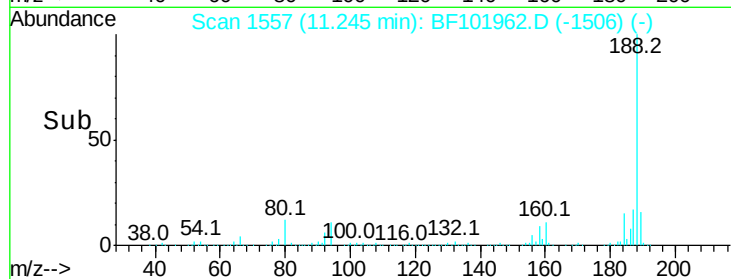
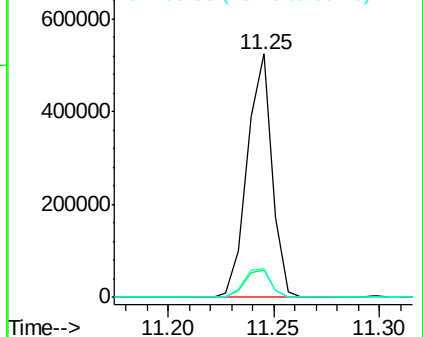
80 12.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#74

Fluoranthene

Concen: 2.767 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

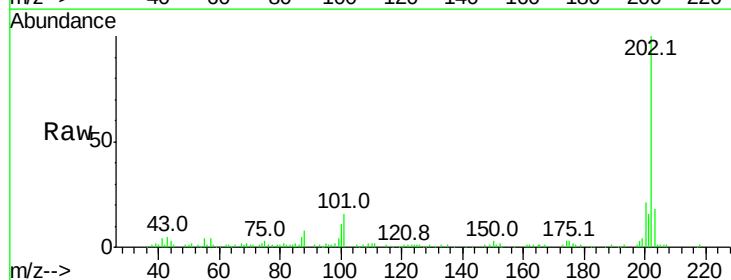
Tgt Ion:202 Resp: 67849

Ion Ratio Lower Upper

202 100

101 15.6 0.0 34.1

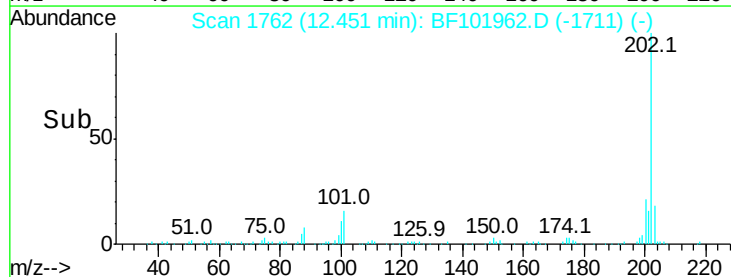
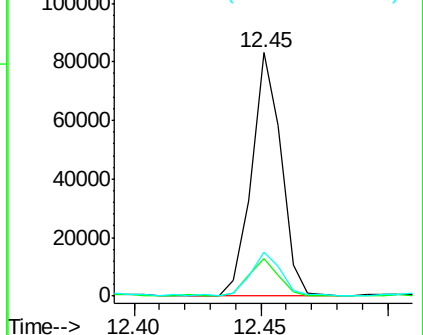
203 18.1 0.0 38.1

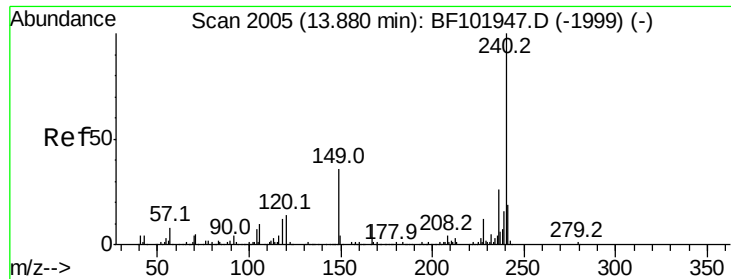


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

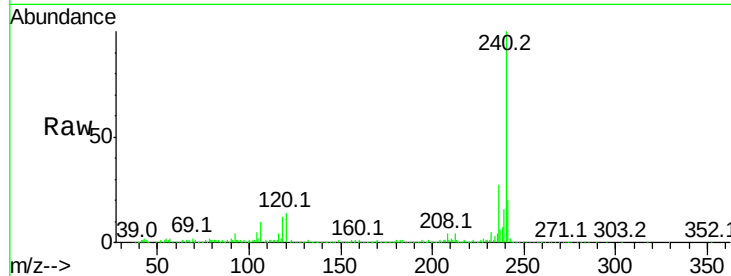
Tot Ion:240 Resp: 428722

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

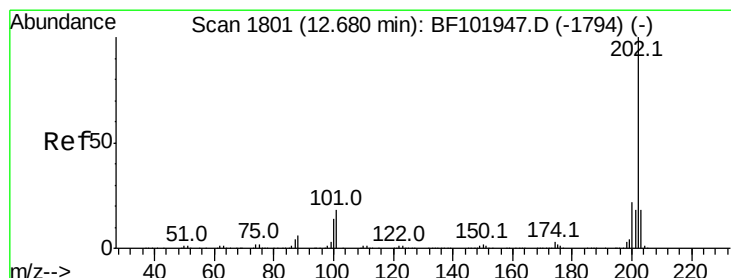
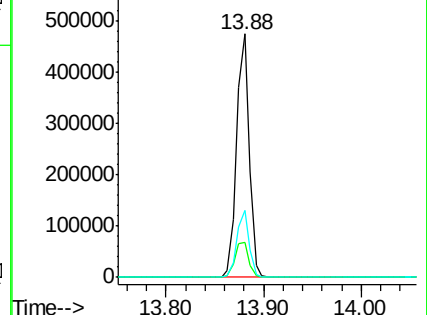
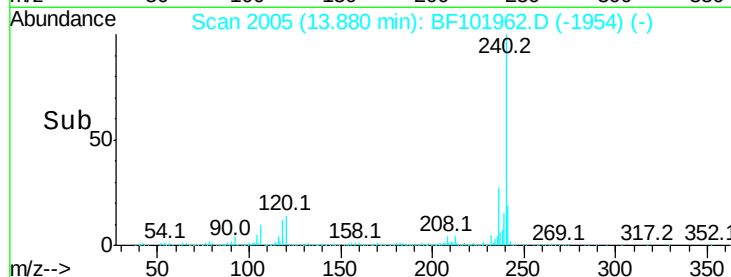
236 27.4 20.7 31.1



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



#77

Pyrene

Concen: 2.014 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

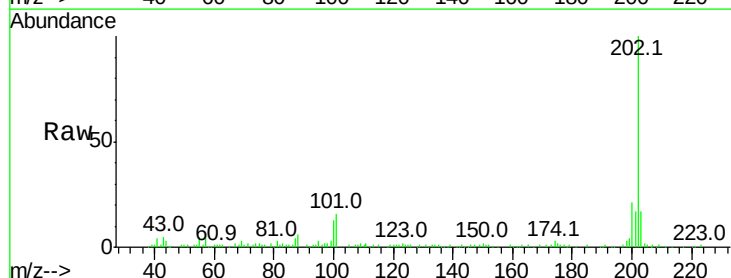
Tgt Ion:202 Resp: 76328

Ion Ratio Lower Upper

202 100

200 20.6 17.4 26.2

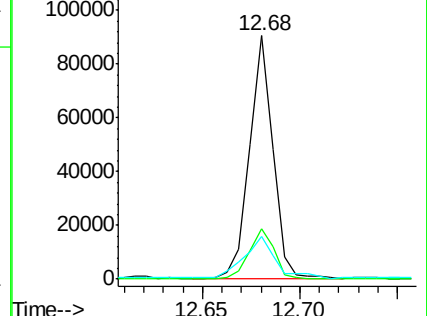
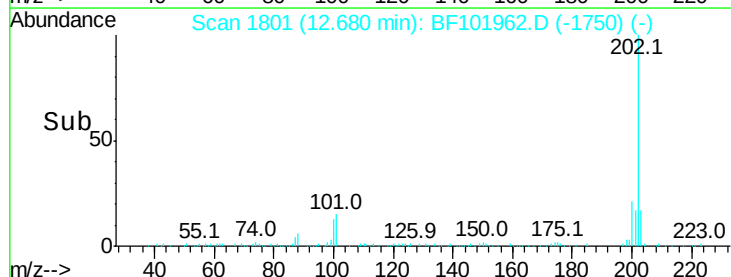
203 17.4 14.3 21.5

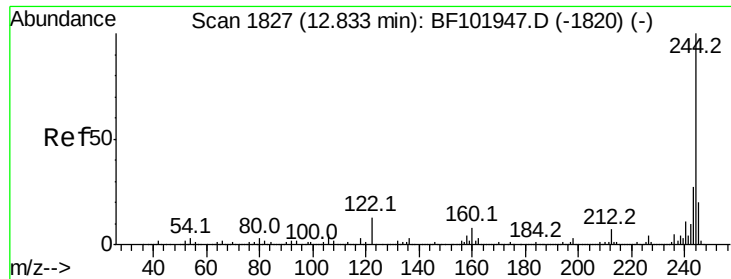


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 55.721 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

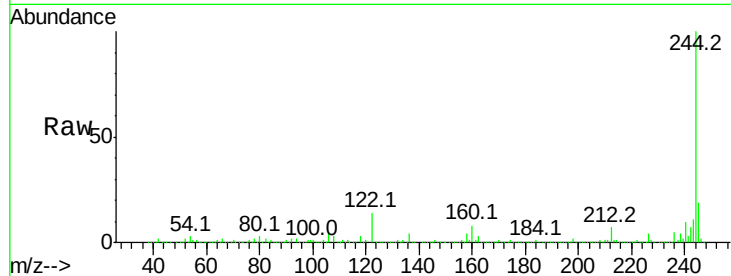
Tot Ion:244 Resp: 1150577

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

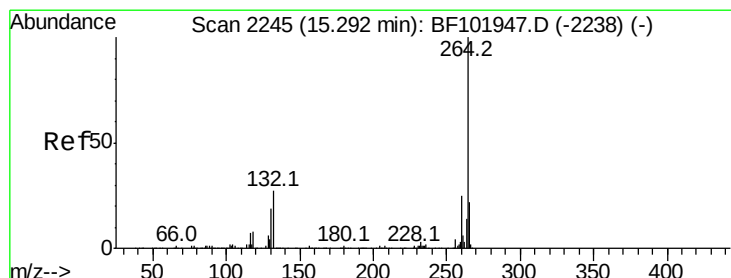
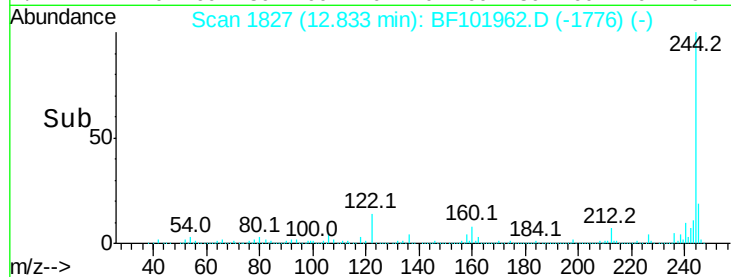
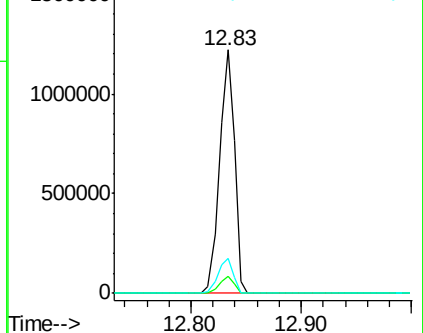
122 14.2 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

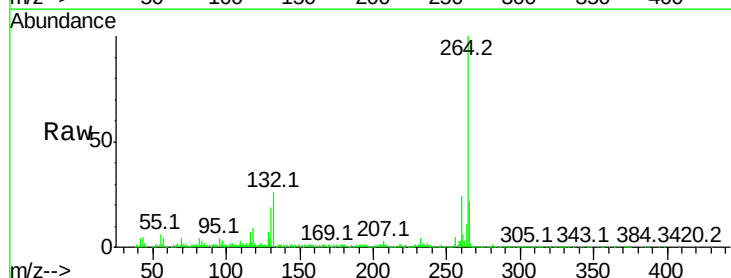
Tgt Ion:264 Resp: 302512

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

