

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102914.D
 Acq On : 12 Feb 2018 12:23
 Operator : SJ/JU
 Sample : J1506-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-21(8-10)

Quant Time: Feb 12 13:42:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

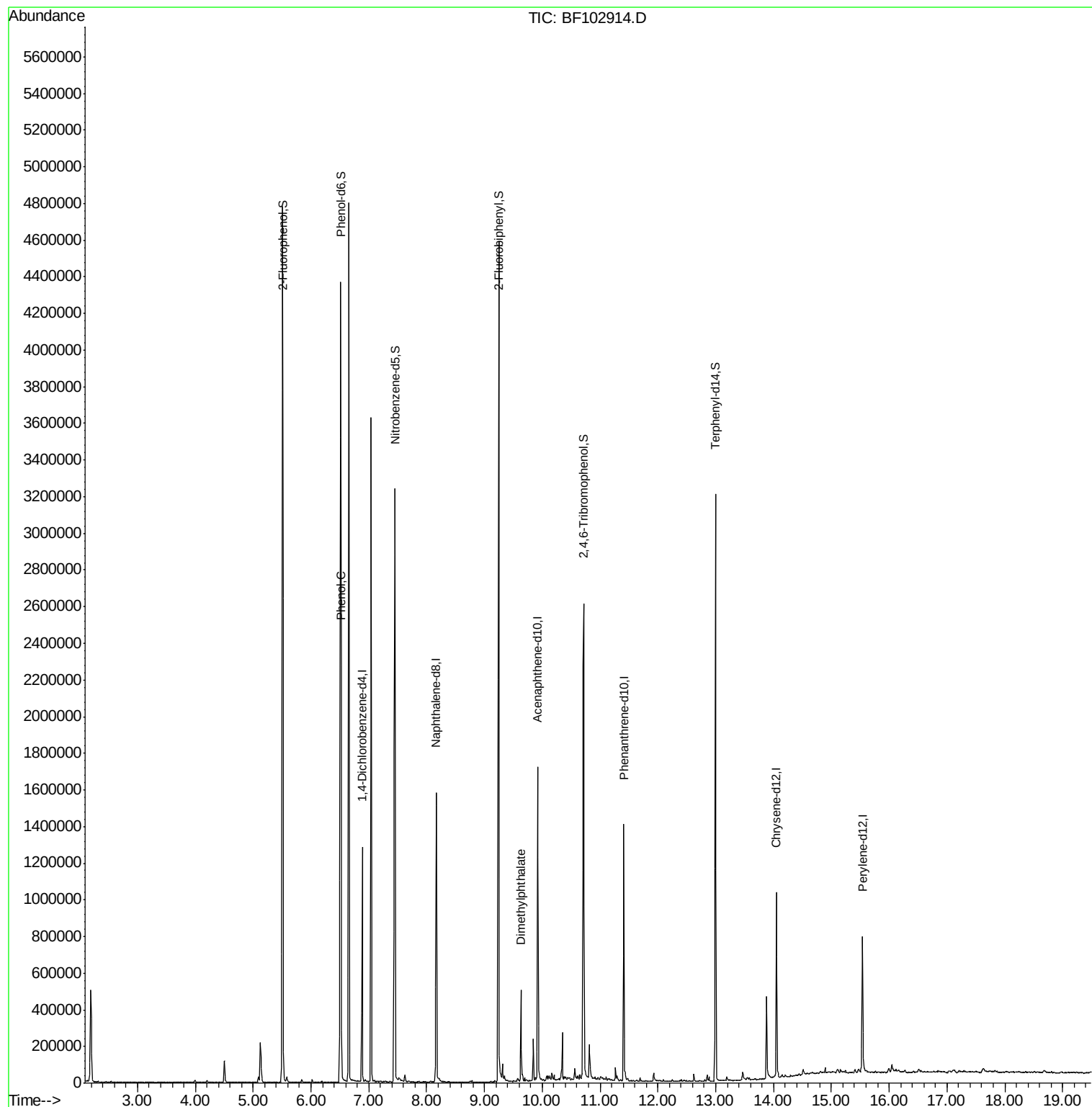
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	179975	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	731850	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	320891	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	474204	20.00	ng	0.00
75) Chrysene-d12	14.05	240	301506	20.00	ng	0.00
86) Perylene-d12	15.54	264	328049	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1405624	118.61	ng	0.02
7) Phenol-d6	6.52	99	1684975	118.08	ng	0.01
23) Nitrobenzene-d5	7.45	82	1123504	106.49	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	304005	117.70	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1581693	81.79	ng	0.00
78) Terphenyl-d14	13.00	244	1028642	80.78	ng	0.00
Target Compounds						
10) Phenol	6.53	94	45853	2.998	ng	98
49) Dimethylphthalate	9.63	163	189910	7.590	ng	99

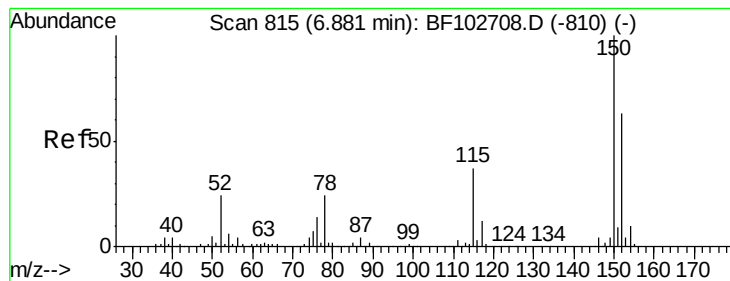
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF102914.D

Acq: 12 Feb 2018 12:23

Instrument :

BNA_F

ClientSampleId :

B-21(8-10)

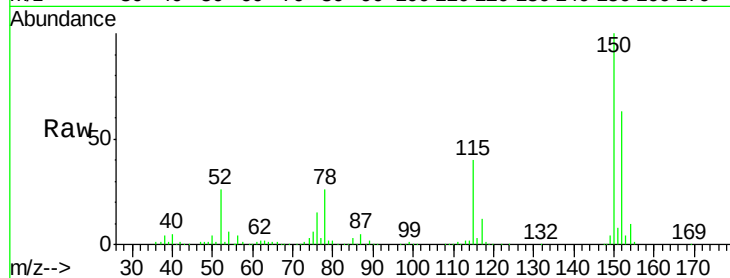
Tot Ion:152 Resp: 179975

Ion Ratio Lower Upper

152 100

150 157.7 124.6 186.8

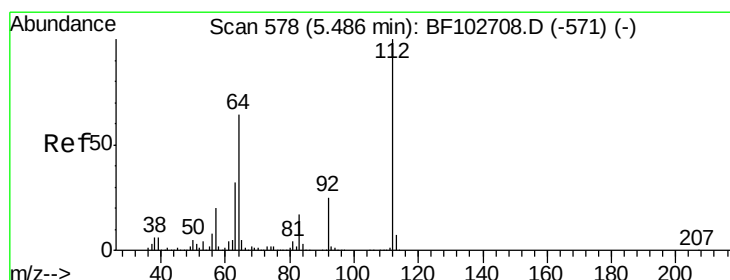
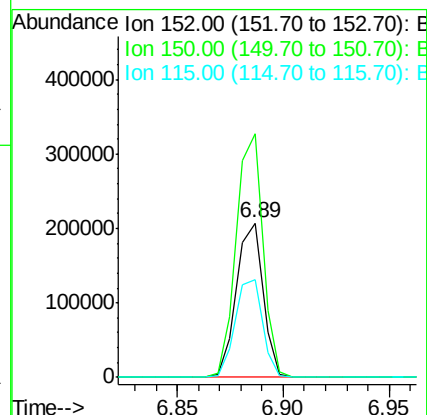
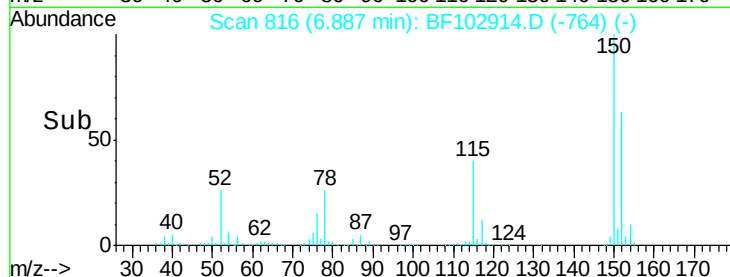
115 63.6 50.1 75.1



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: 118.610 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF102914.D

Acq: 12 Feb 2018 12:23

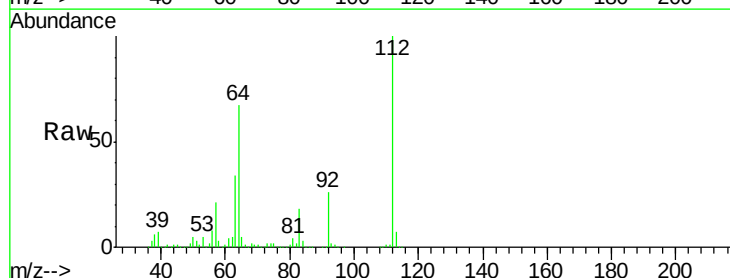
Tgt Ion:112 Resp: 1405624

Ion Ratio Lower Upper

112 100

64 66.8 47.9 71.9

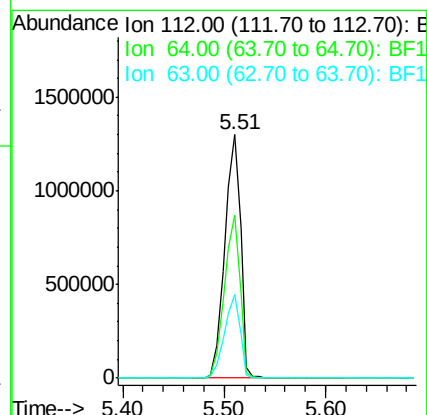
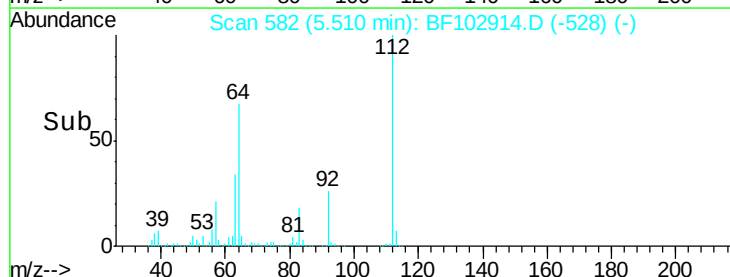
63 34.5 23.7 35.5

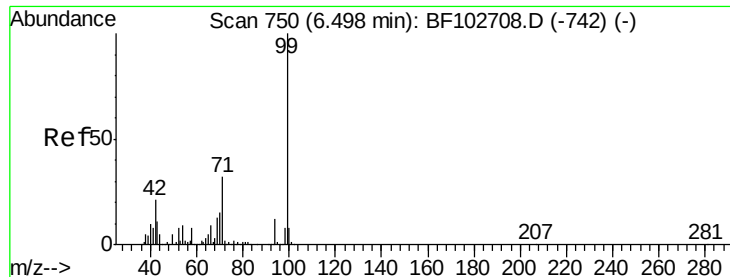


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 118.084 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102914.D

Acq: 12 Feb 2018 12:23

Instrument :

BNA_F

ClientSampleId :

B-21(8-10)

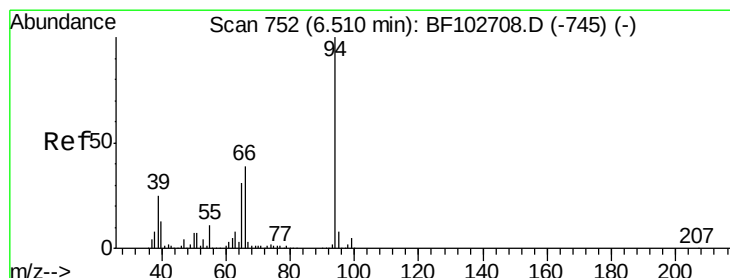
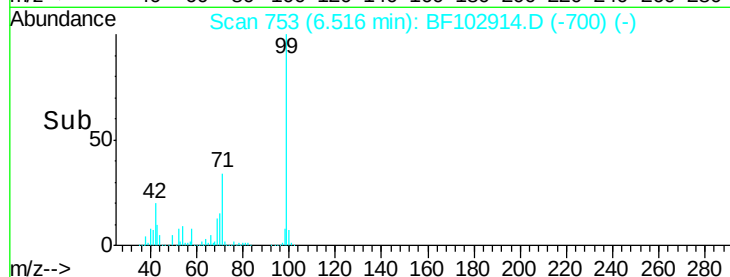
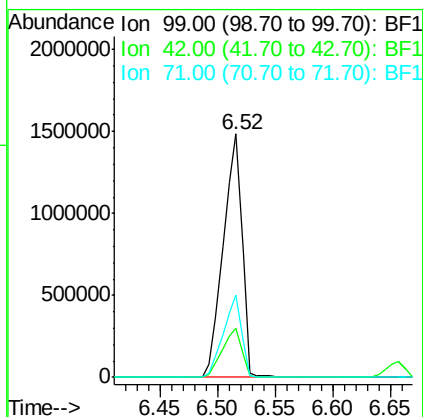
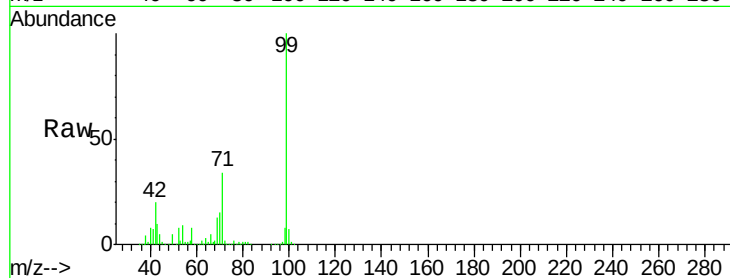
Tot Ion: 99 Resp: 1684975

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

71 33.6 25.4 38.0



#10

Phenol

Concen: 2.998 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF102914.D

Acq: 12 Feb 2018 12:23

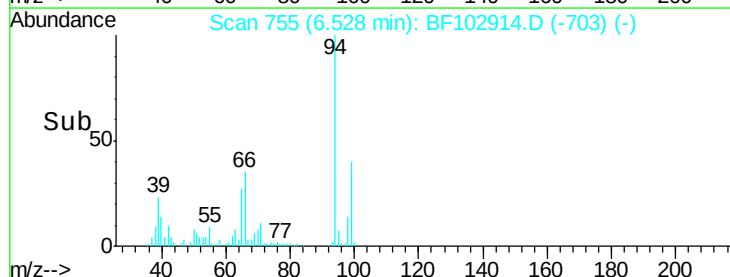
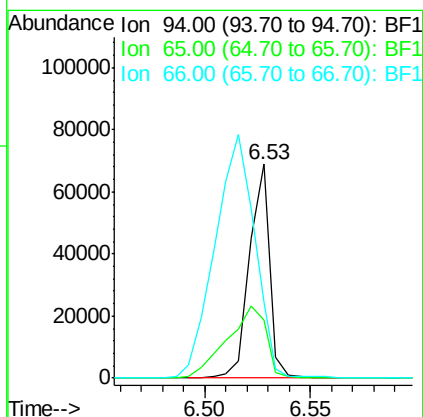
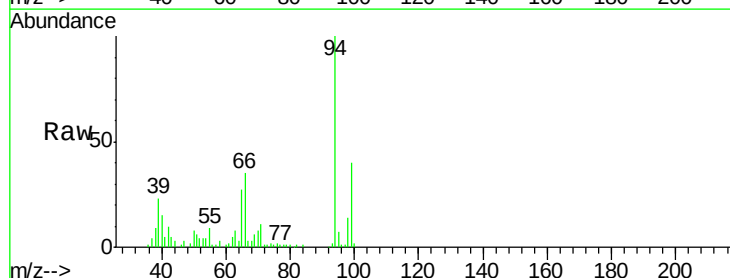
Tgt Ion: 94 Resp: 45853

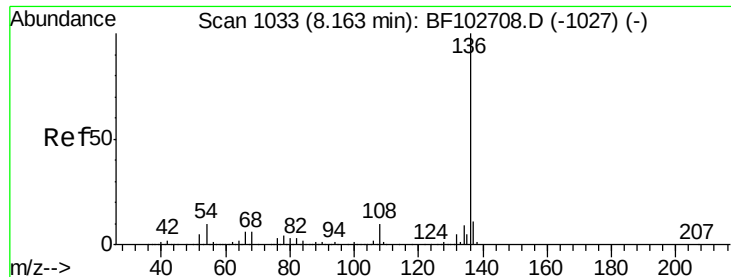
Ion Ratio Lower Upper

94 100

65 26.9 7.9 47.9

66 35.3 16.2 56.2

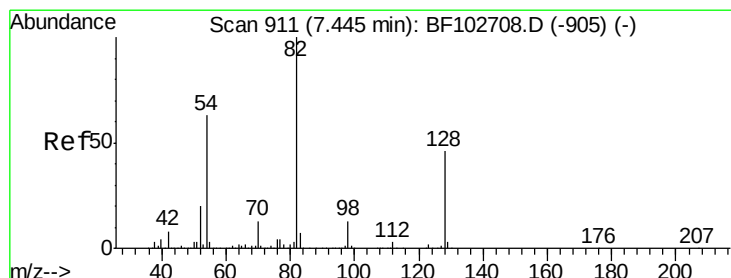
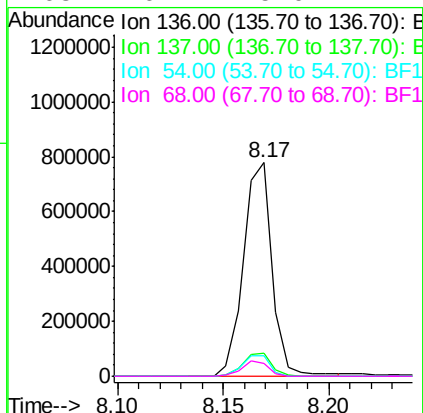
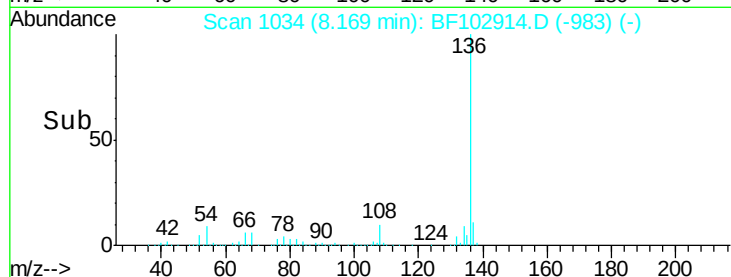
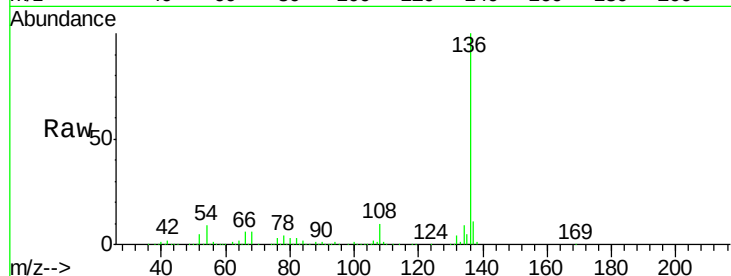




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF102914.D
Acq: 12 Feb 2018 12:23

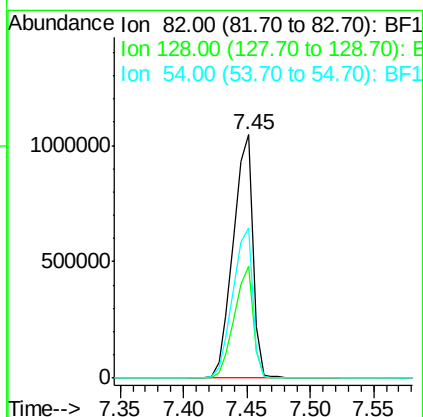
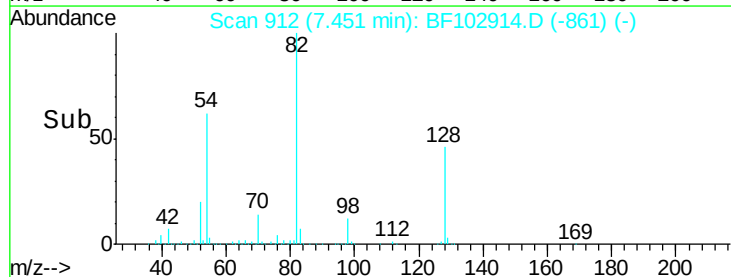
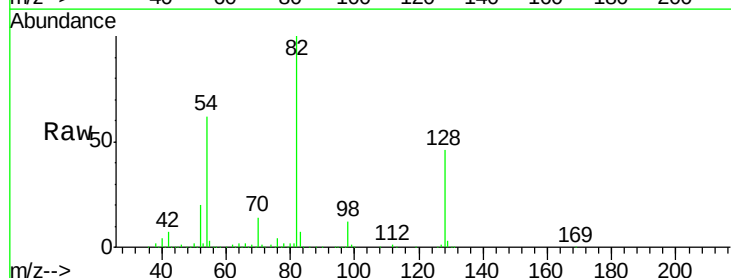
Instrument :
BNA_F
ClientSampleId :
B-21(8-10)

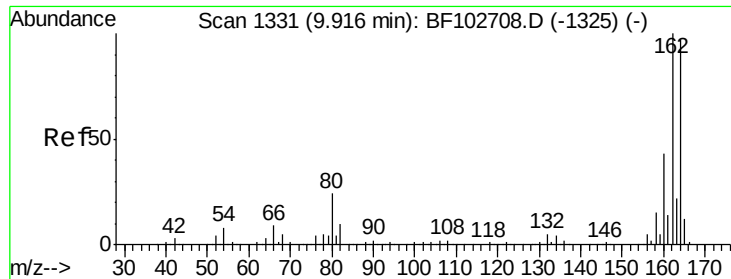
Tot Ion:136	Resp:	731850
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	9.3	6.6 9.8
68	6.1	5.0 7.4



#23
Nitrobenzene-d5
Concen: 106.495 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF102914.D
Acq: 12 Feb 2018 12:23

Tgt Ion: 82	Resp:	1123504
Ion Ratio	Lower	Upper
82	100	
128	45.9	36.1 54.1
54	61.6	41.4 62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF102914.D

Acq: 12 Feb 2018 12:23

Instrument :

BNA_F

ClientSampleId :

B-21(8-10)

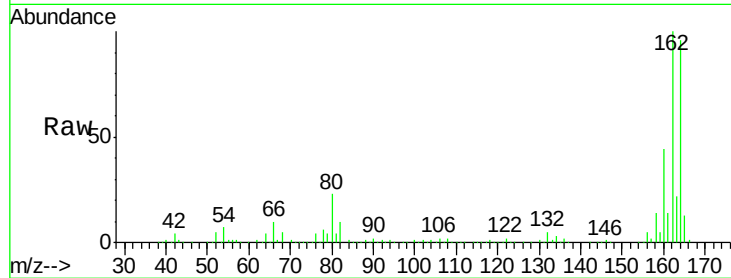
Tot Ion:164 Resp: 320891

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

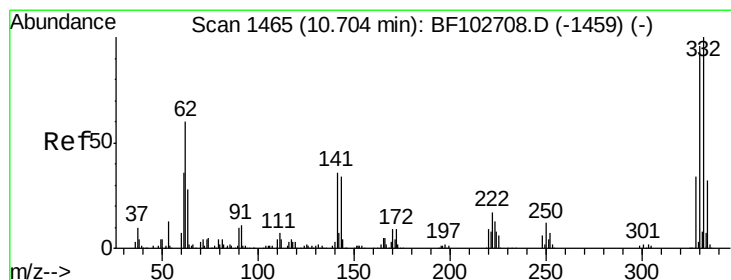
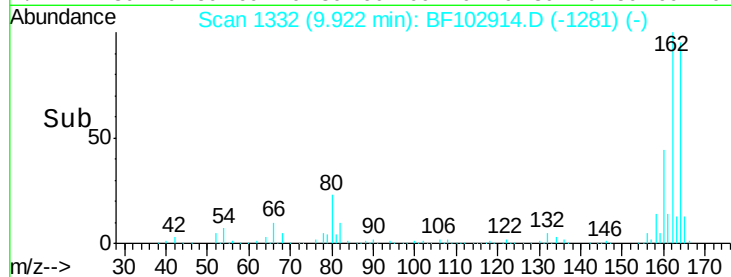
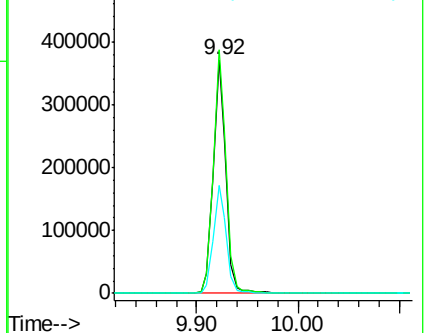
160 46.2 38.3 57.5



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: 117.704 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF102914.D

Acq: 12 Feb 2018 12:23

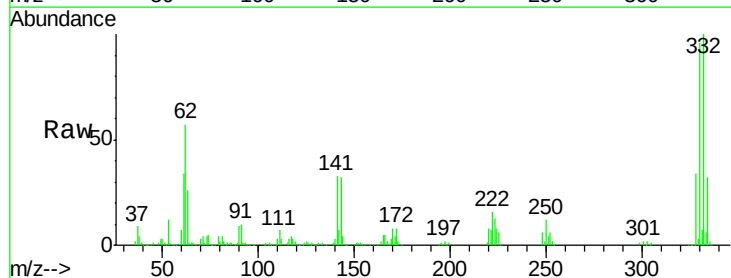
Tgt Ion:330 Resp: 304005

Ion Ratio Lower Upper

330 100

332 104.2 77.0 115.6

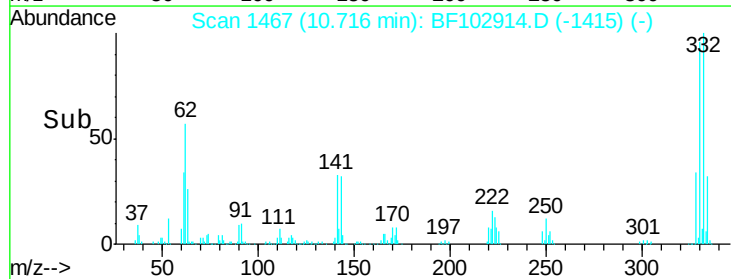
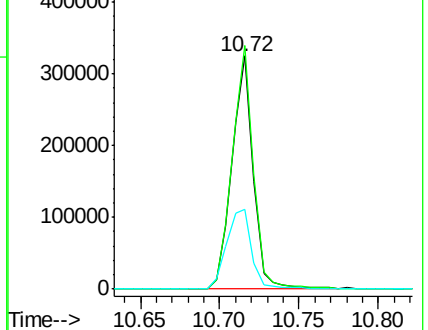
141 40.5 29.9 44.9

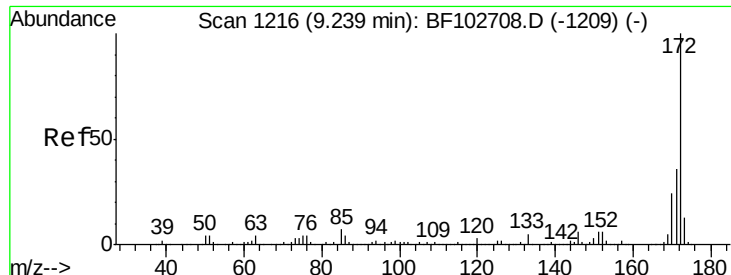


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

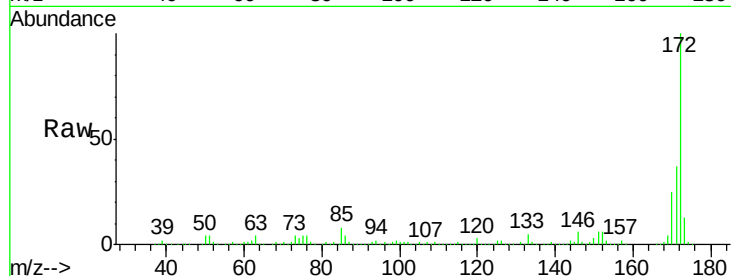




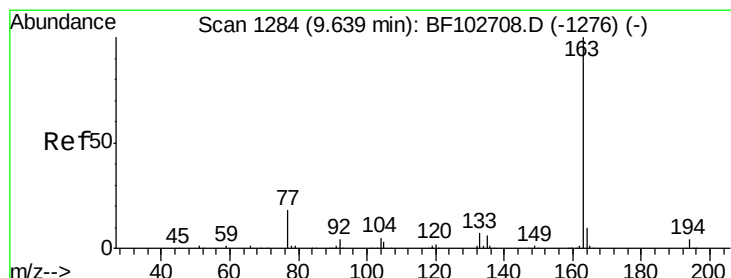
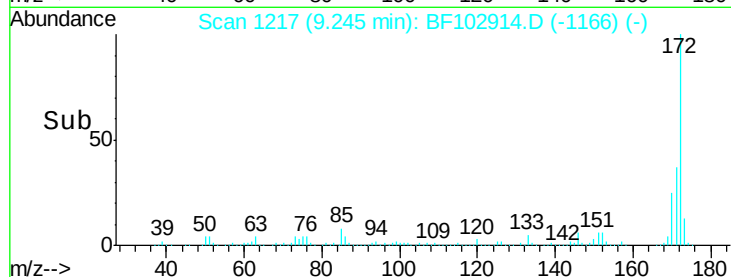
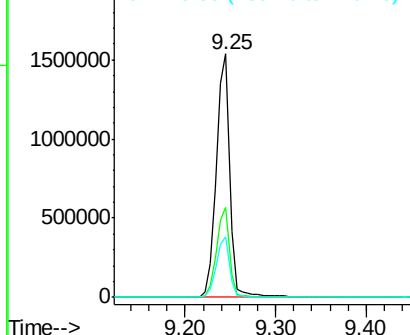
#44
2-Fluorobiphenyl
Concen: 81.791 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF102914.D
Acq: 12 Feb 2018 12:23

Instrument :
BNA_F
ClientSampleId :
B-21(8-10)

Tot Ion:172 Resp: 1581693
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.7 19.6 29.4

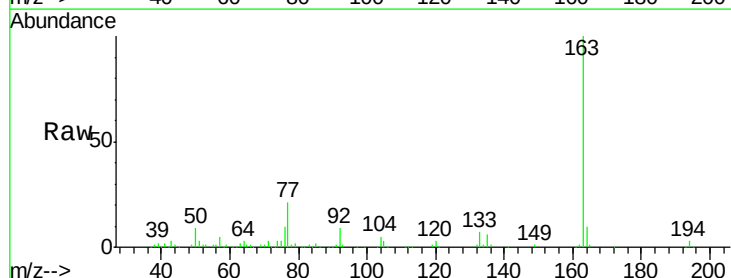


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

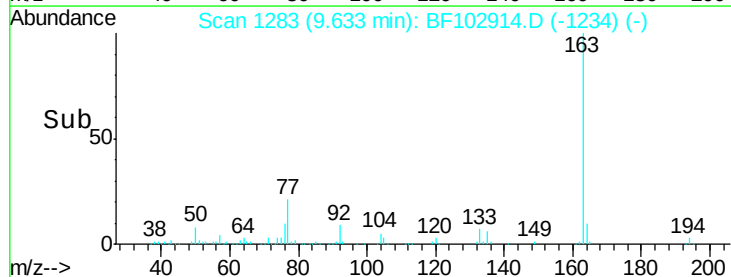
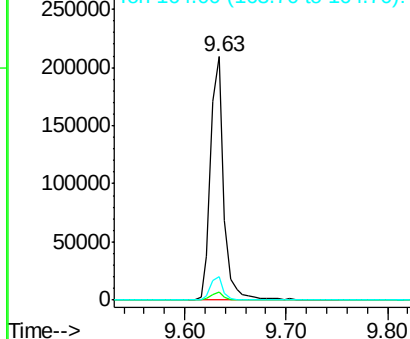


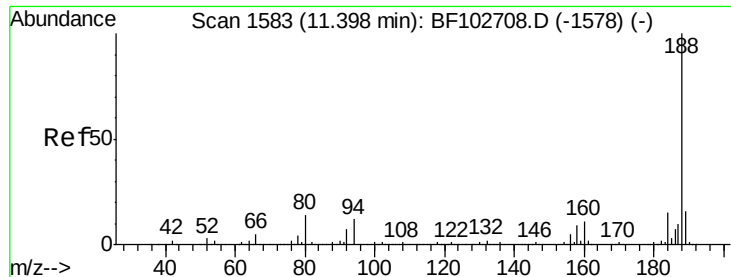
#49
Dimethylphthalate
Concen: 7.590 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102914.D
Acq: 12 Feb 2018 12:23

Tgt Ion:163 Resp: 189910
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.7 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

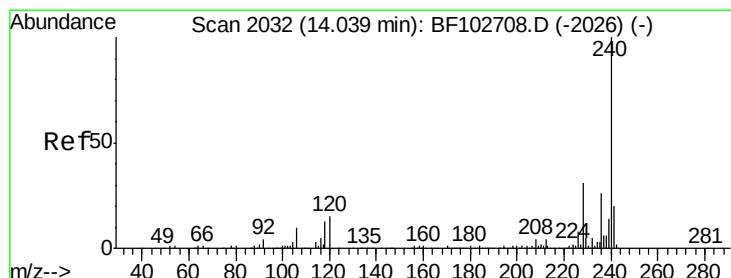
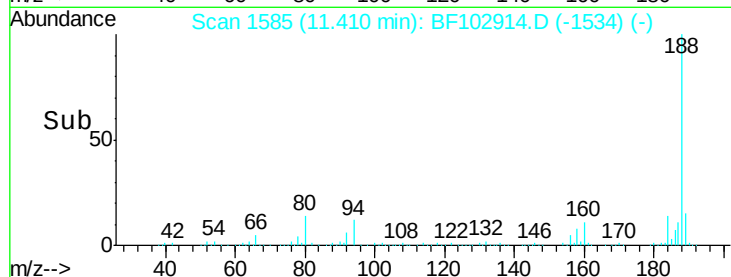
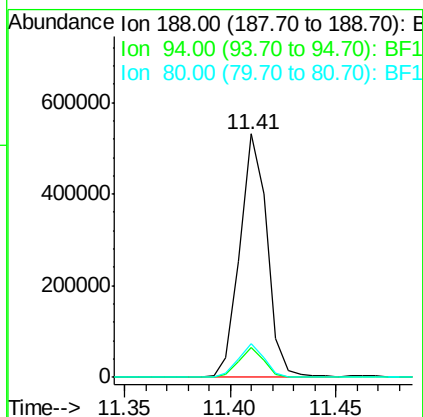
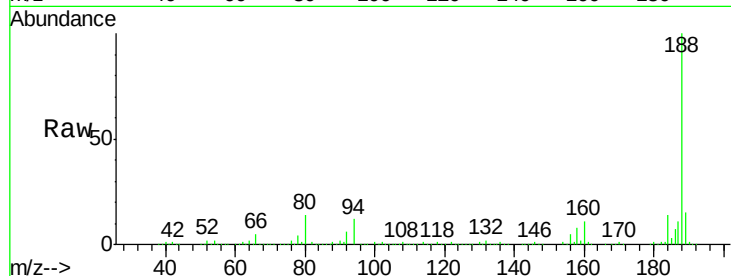




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF102914.D
Acq: 12 Feb 2018 12:23

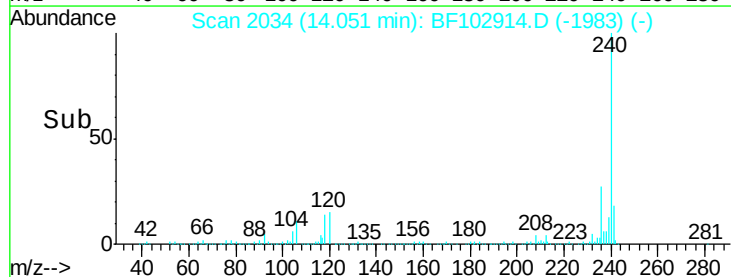
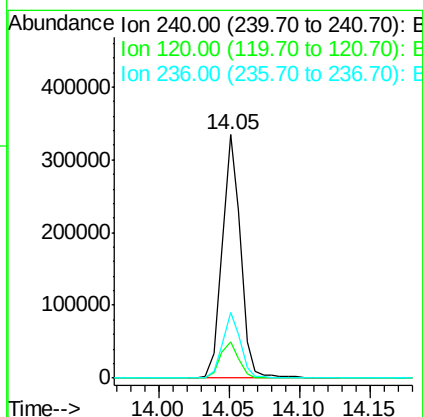
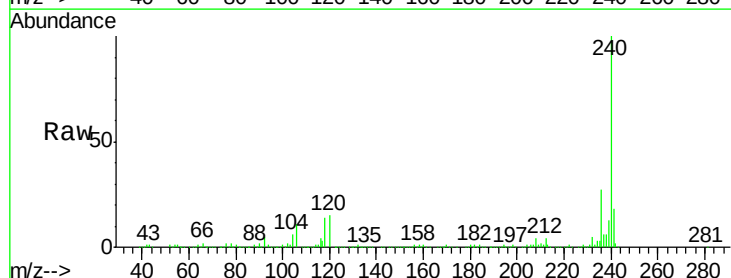
Instrument :
BNA_F
ClientSampleId :
B-21(8-10)

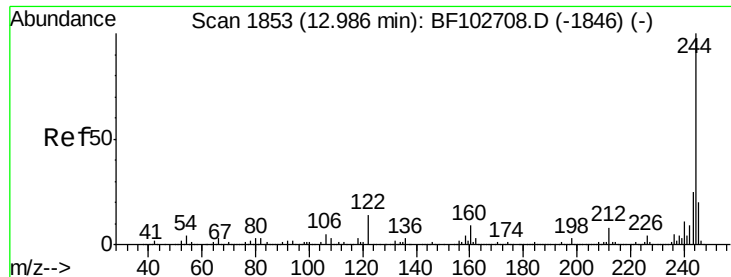
Tot Ion:188 Resp: 474204
Ion Ratio Lower Upper
188 100
94 12.3 8.5 12.7
80 13.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF102914.D
Acq: 12 Feb 2018 12:23

Tgt Ion:240 Resp: 301506
Ion Ratio Lower Upper
240 100
120 14.9 9.5 14.3#
236 26.8 20.7 31.1





#78

Terphenyl-d14

Concen: 80.781 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF102914.D

Acq: 12 Feb 2018 12:23

Instrument :

BNA_F

ClientSampleID :

B-21(8-10)

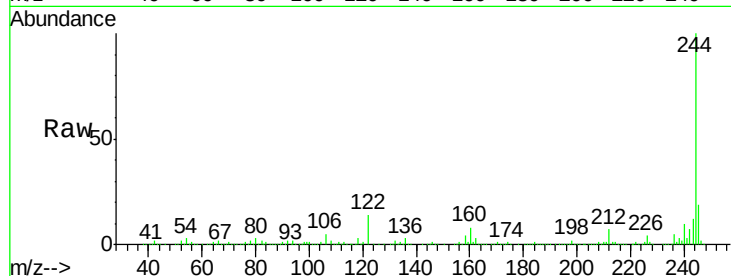
Tot Ion:244 Resp: 1028642

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

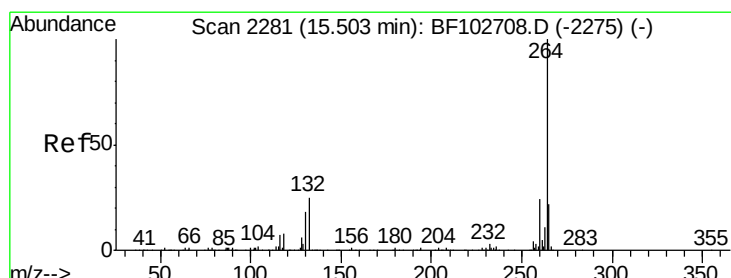
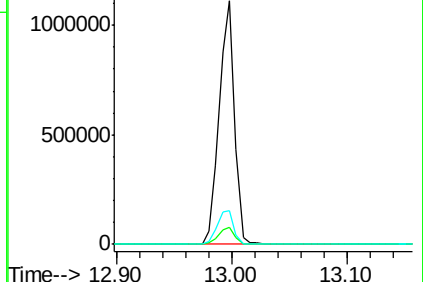
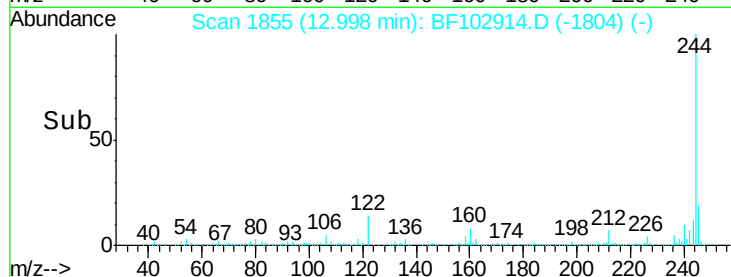
122 13.6 11.0 16.4



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: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF102914.D

Acq: 12 Feb 2018 12:23

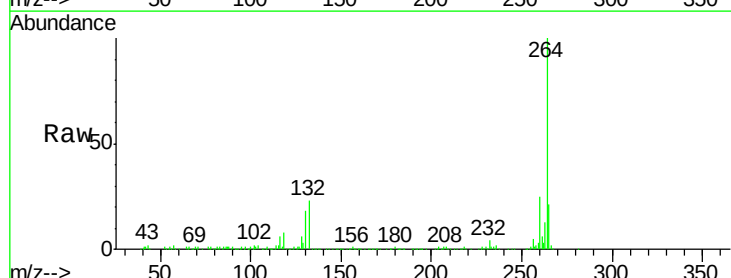
Tgt Ion:264 Resp: 328049

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 20.8 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

