

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110242.D
 Acq On : 27 Oct 2018 6:00
 Operator : JU/SJ
 Sample : J5686-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102418-DBRI-F-D-B

Quant Time: Oct 27 06:42:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

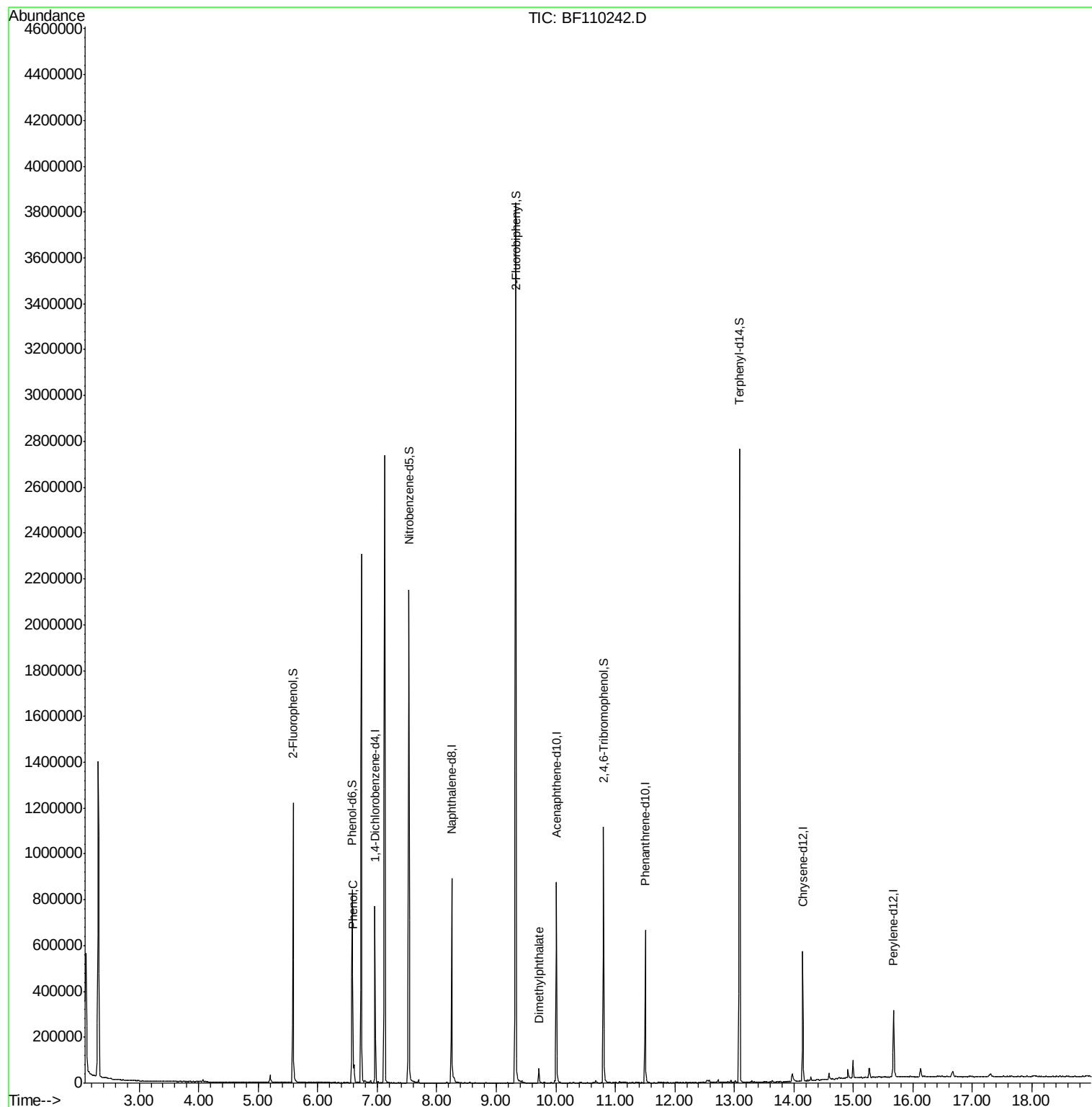
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	118581	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	435357	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	169581	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	264474	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	194814	20.00	ng	-0.01
87) Perylene-d12	15.67	264	131065	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	321352	44.13	ng	-0.01
7) Phenol-d6	6.58	99	251241	26.97	ng	-0.02
23) Nitrobenzene-d5	7.53	82	748582	101.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	134671	80.17	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1217659	112.75	ng	-0.01
79) Terphenyl-d14	13.09	244	951430	101.57	ng	-0.02
Target Compounds						
10) Phenol	6.59	94	31428	3.157	ng	Qvalue # 67
50) Dimethylphthalate	9.72	163	32141	2.568	ng	99

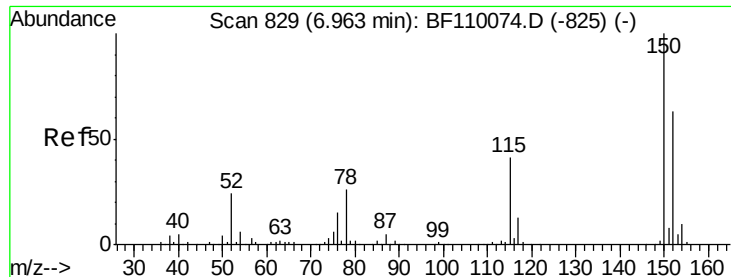
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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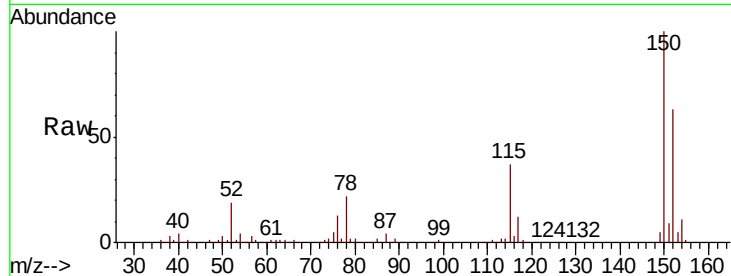


#1

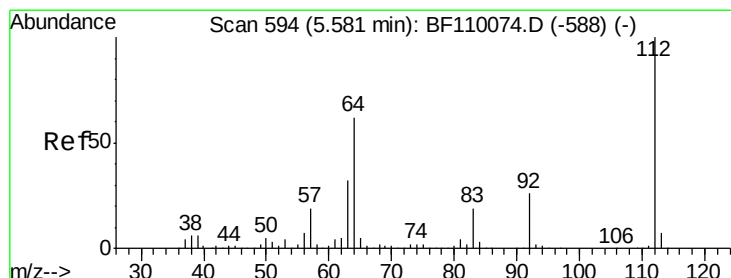
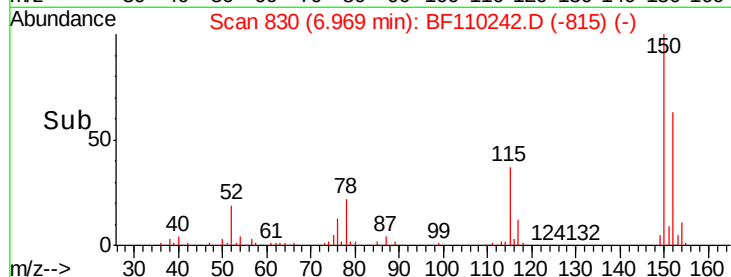
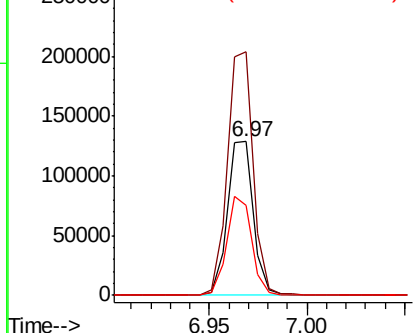
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110242.D
Acq: 27 Oct 2018 6:00

Instrument :
BNA_F
ClientSampleId :
102418-DBRI-F-D-B

Tot Ion:152 Resp: 118581
Ion Ratio Lower Upper
152 100
150 158.3 122.7 184.1
115 58.8 49.1 73.7



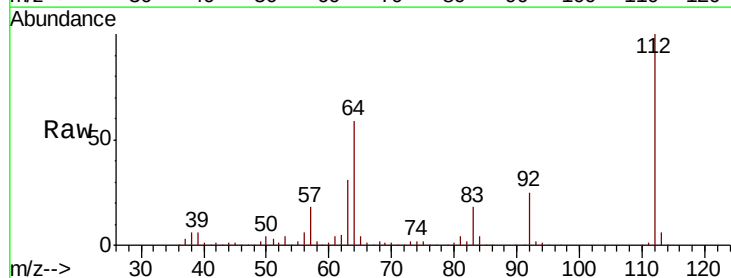
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



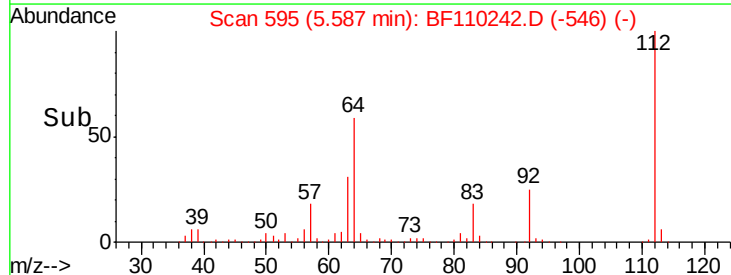
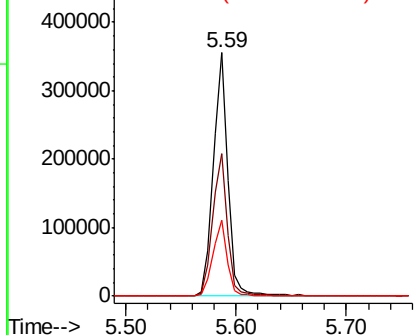
#5

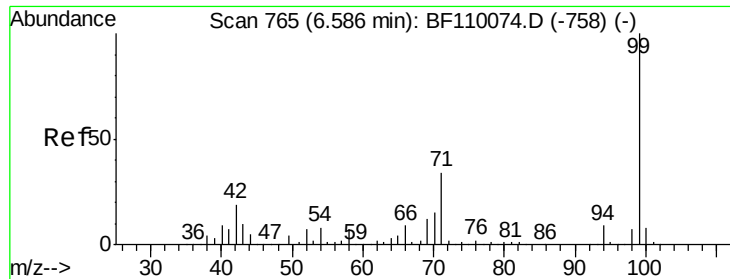
2-Fluorophenol
Concen: 44.131 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110242.D
Acq: 27 Oct 2018 6:00

Tgt Ion:112 Resp: 321352
Ion Ratio Lower Upper
112 100
64 58.6 44.1 66.1
63 31.0 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: 26.975 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110242.D

Acq: 27 Oct 2018 6:00

Instrument :

BNA_F

ClientSampleId :

102418-DBRI-F-D-B

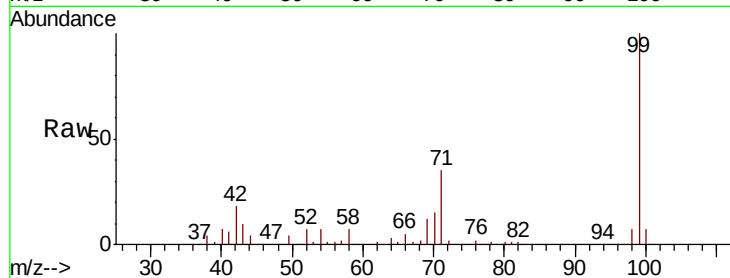
Tot Ion: 99 Resp: 251241

Ion Ratio Lower Upper

99 100

42 18.5 15.8 23.6

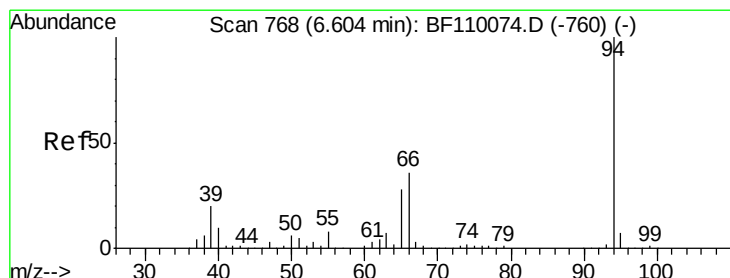
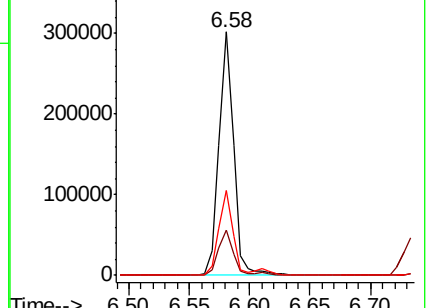
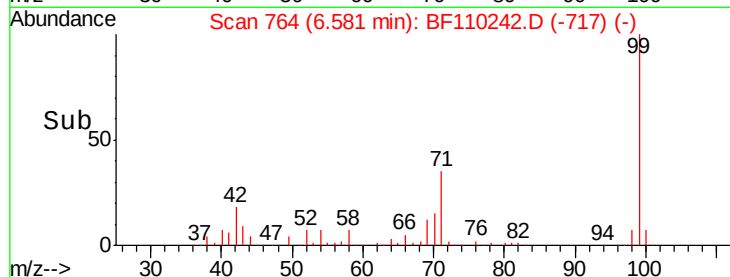
71 35.0 28.0 42.0



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: 3.157 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110242.D

Acq: 27 Oct 2018 6:00

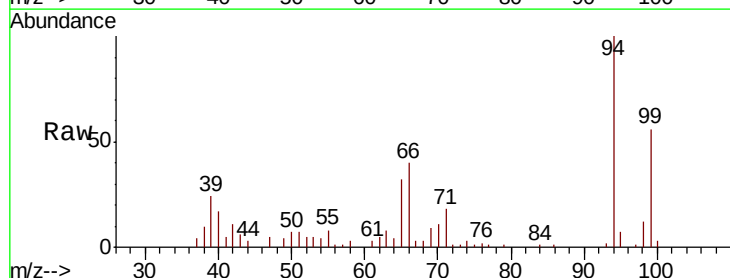
Tgt Ion: 94 Resp: 31428

Ion Ratio Lower Upper

94 100

65 31.7 25.3 65.3

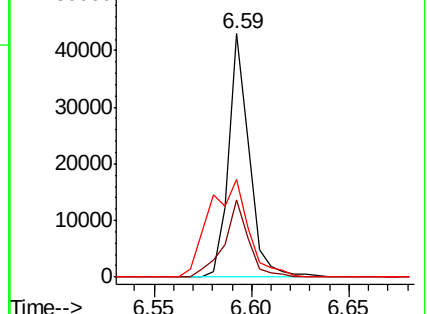
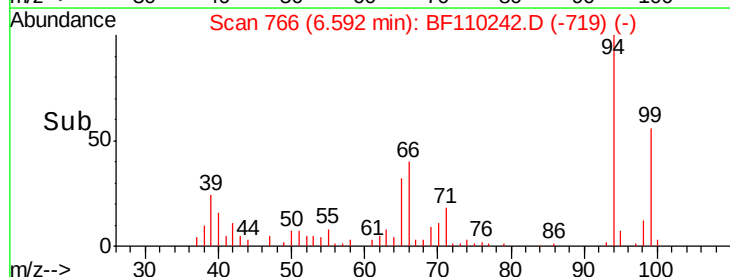
66 40.1 54.5 94.5#

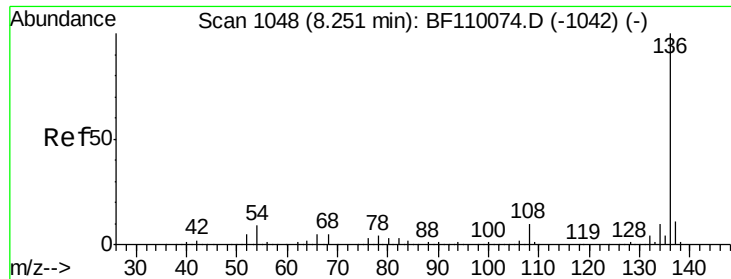


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

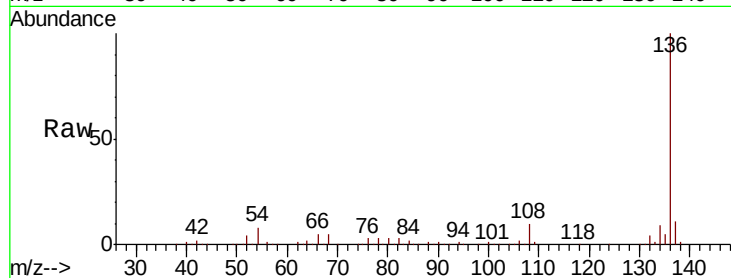




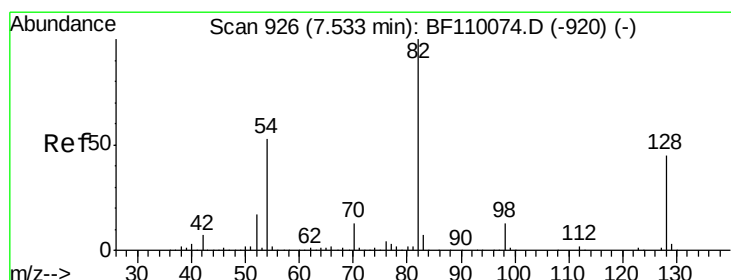
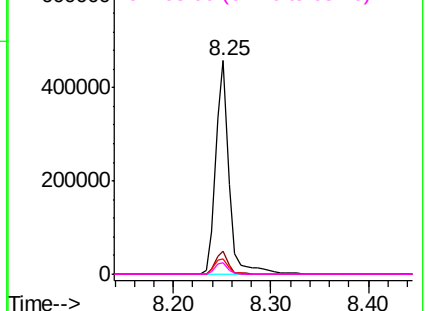
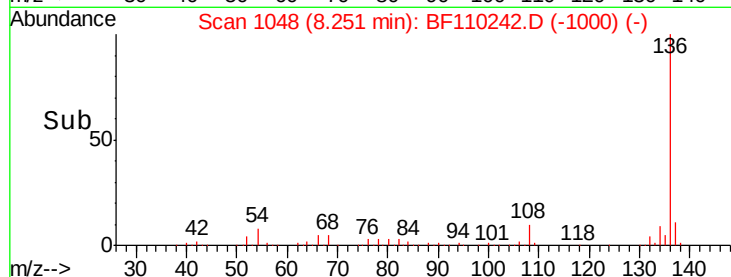
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110242.D
Acq: 27 Oct 2018 6:00

Instrument :
BNA_F
ClientSampleId :
102418-DBRI-F-D-B

Tot Ion:136	Resp:	435357
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	7.5	5.4 8.2
68	5.1	4.2 6.2

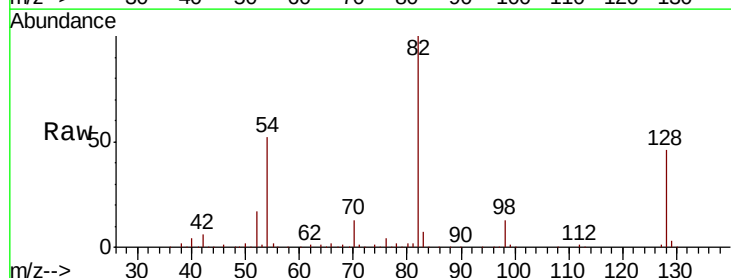


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

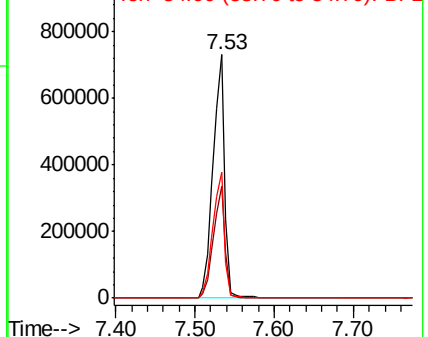
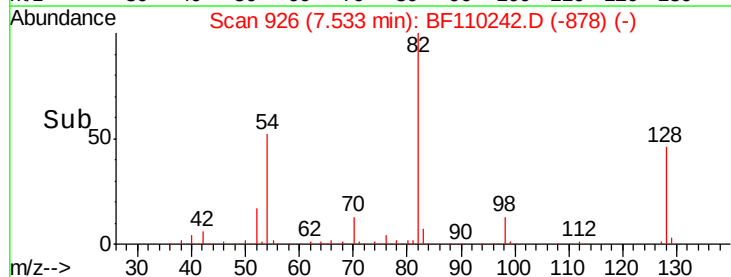


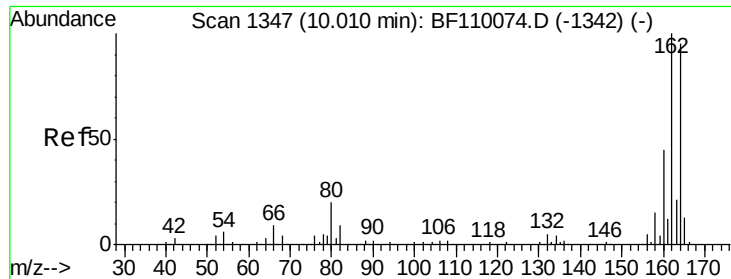
#23
Nitrobenzene-d5
Concen: 101.987 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110242.D
Acq: 27 Oct 2018 6:00

Tgt Ion: 82	Resp:	748582
Ion Ratio	Lower	Upper
82	100	
128	45.9	34.2 51.2
54	51.9	38.6 58.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110242.D

Acq: 27 Oct 2018 6:00

Instrument :

BNA_F

ClientSampleId :

102418-DBRI-F-D-B

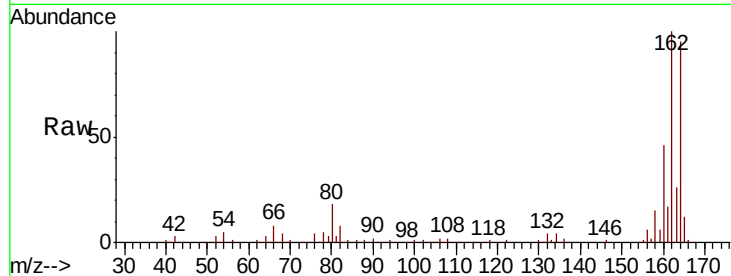
Tot Ion:164 Resp: 169581

Ion Ratio Lower Upper

164 100

162 104.9 83.0 124.6

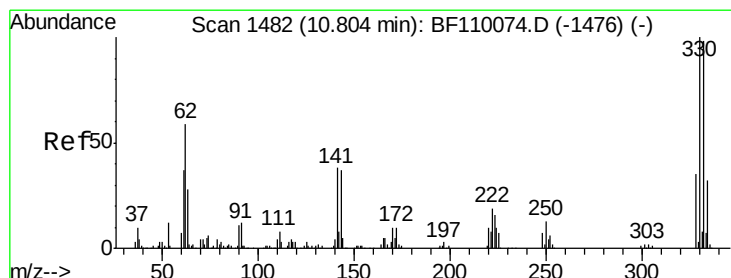
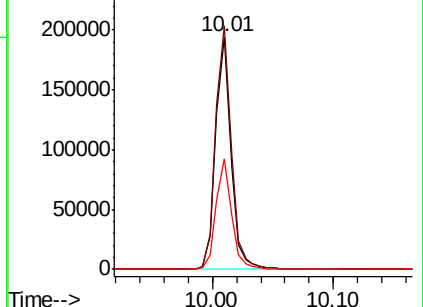
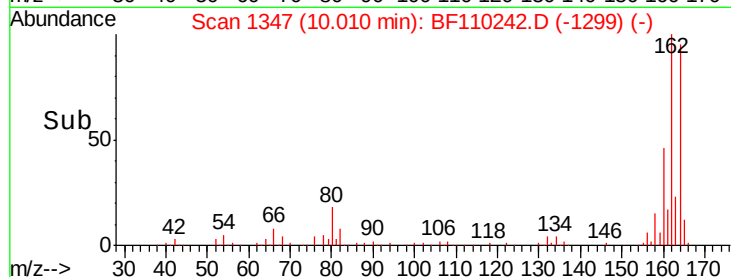
160 47.8 37.0 55.6



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



#42

2,4,6-Tribromophenol

Concen: 80.170 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110242.D

Acq: 27 Oct 2018 6:00

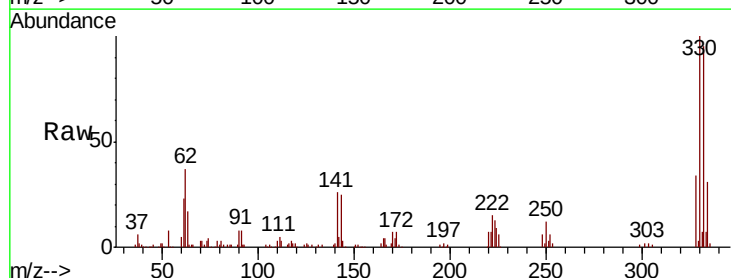
Tgt Ion:330 Resp: 134671

Ion Ratio Lower Upper

330 100

332 95.5 77.1 115.7

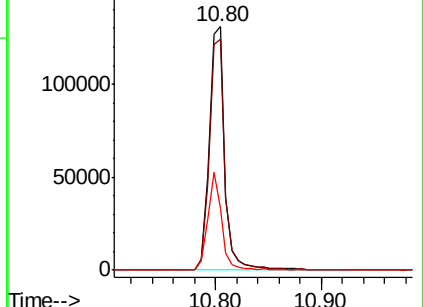
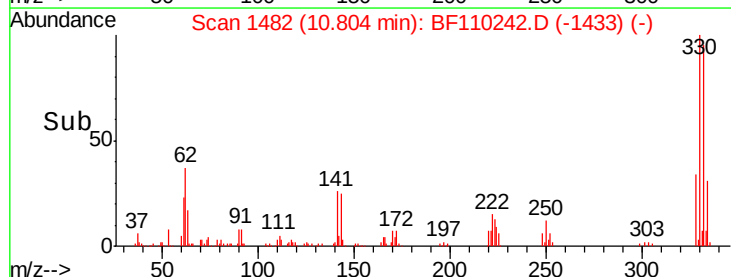
141 35.9 27.0 40.4

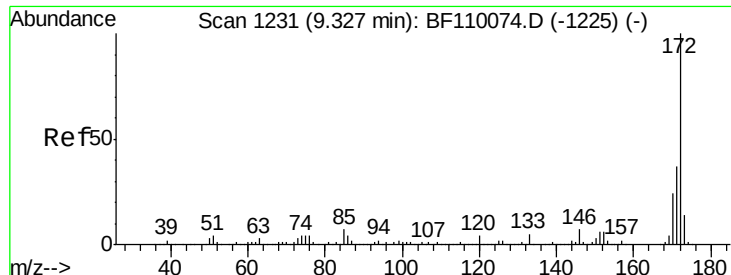


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

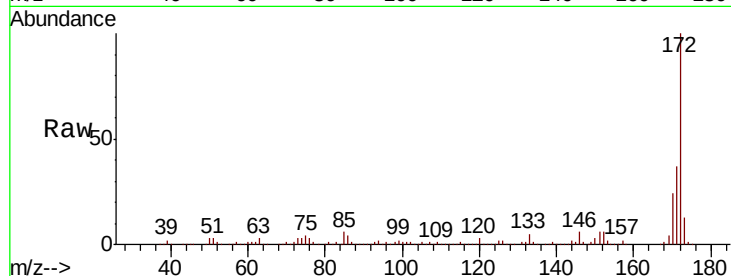




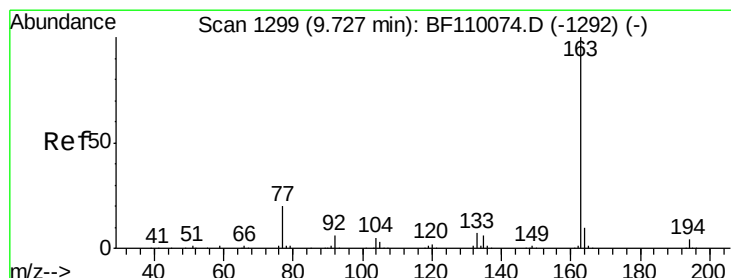
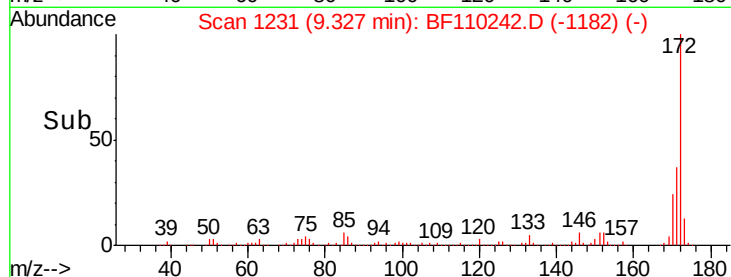
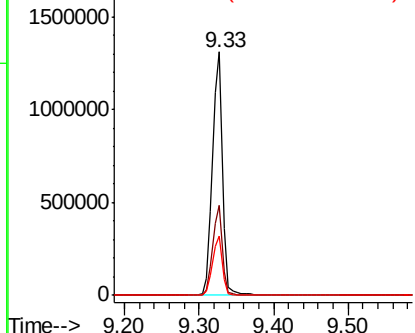
#45
2-Fluorobiphenyl
Concen: 112.751 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110242.D
Acq: 27 Oct 2018 6:00

Instrument :
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ClientSampleId :
102418-DBRI-F-D-B

Tot Ion:172 Resp: 1217659
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 24.5 19.7 29.5

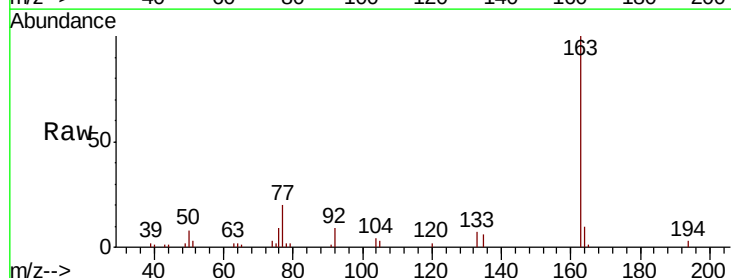


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

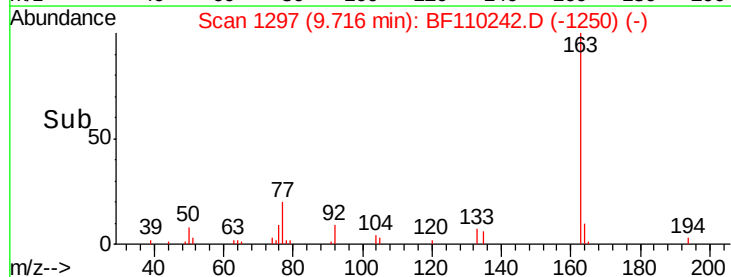
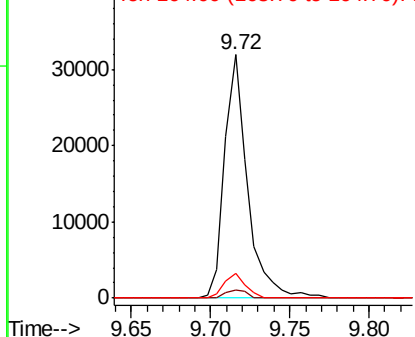


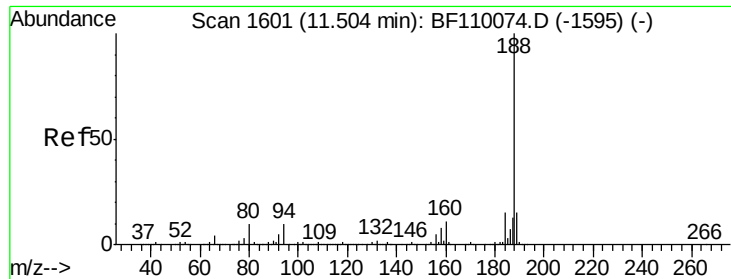
#50
Dimethylphthalate
Concen: 2.568 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110242.D
Acq: 27 Oct 2018 6:00

Tgt Ion:163 Resp: 32141
Ion Ratio Lower Upper
163 100
194 3.3 3.2 4.8
164 10.2 8.1 12.1



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

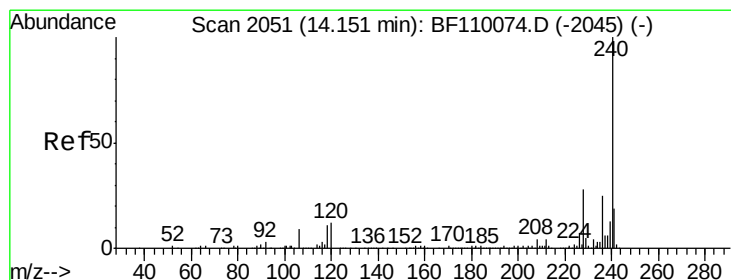
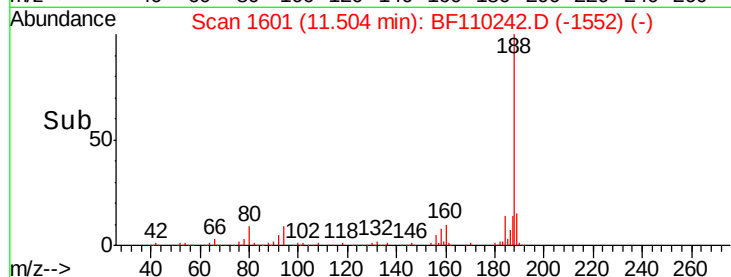
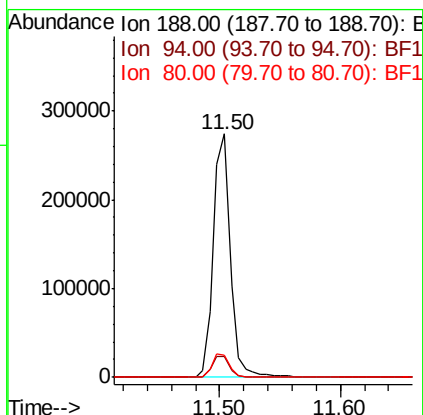
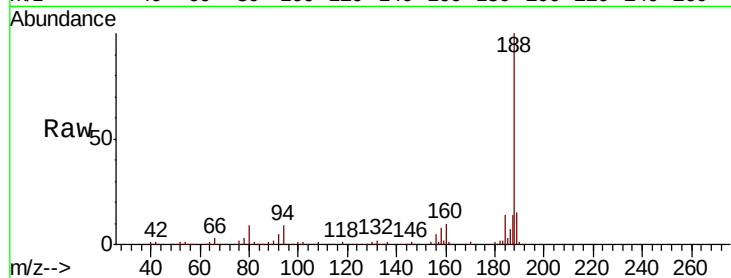




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110242.D
Acq: 27 Oct 2018 6:00

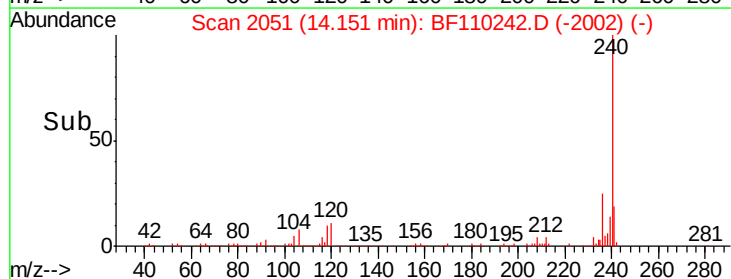
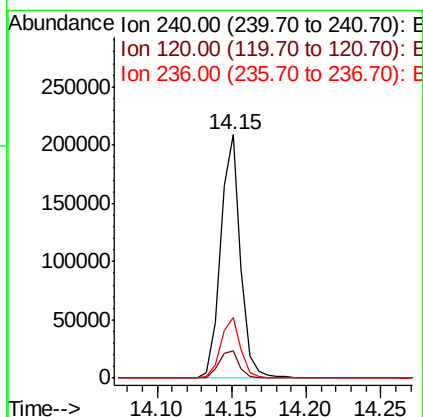
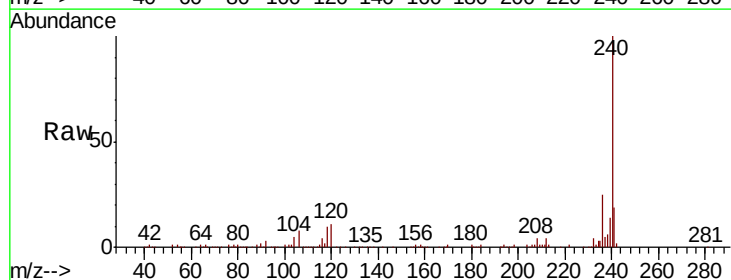
Instrument :
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102418-DBRI-F-D-B

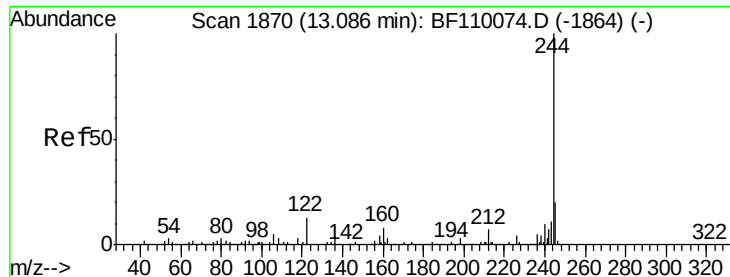
Tot Ion:188 Resp: 264474
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110242.D
Acq: 27 Oct 2018 6:00

Tgt Ion:240 Resp: 194814
Ion Ratio Lower Upper
240 100
120 11.1 8.3 12.5
236 24.7 21.2 31.8





#79

Terphenyl-d14

Concen: 101.569 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110242.D

Acq: 27 Oct 2018 6:00

Instrument :

BNA_F

ClientSampleId :

102418-DBRI-F-D-B

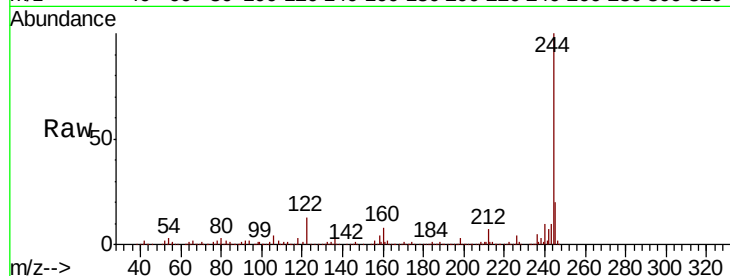
Tot Ion:244 Resp: 951430

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

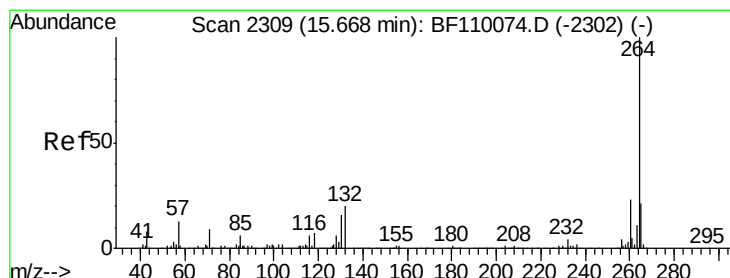
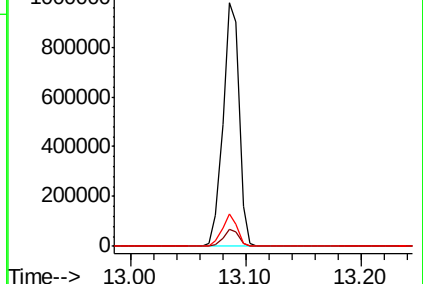
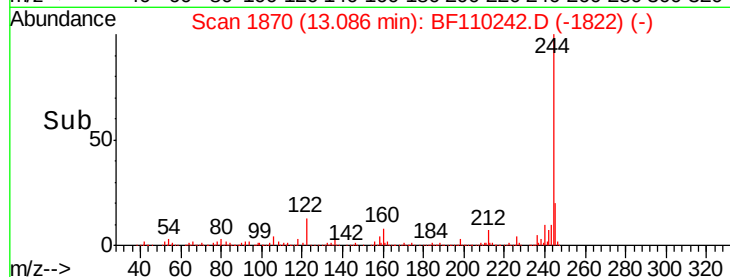
122 13.4 8.7 13.1#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110242.D

Acq: 27 Oct 2018 6:00

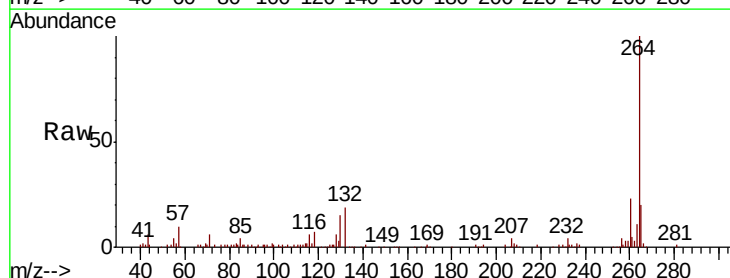
Tgt Ion:264 Resp: 131065

Ion Ratio Lower Upper

264 100

260 22.6 18.7 28.1

265 20.5 16.7 25.1



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

