

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110195.D
 Acq On : 26 Oct 2018 7:37
 Operator : JU/SJ
 Sample : J5650-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102218-SIDI-E-U-M

Quant Time: Oct 26 14:43:00 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

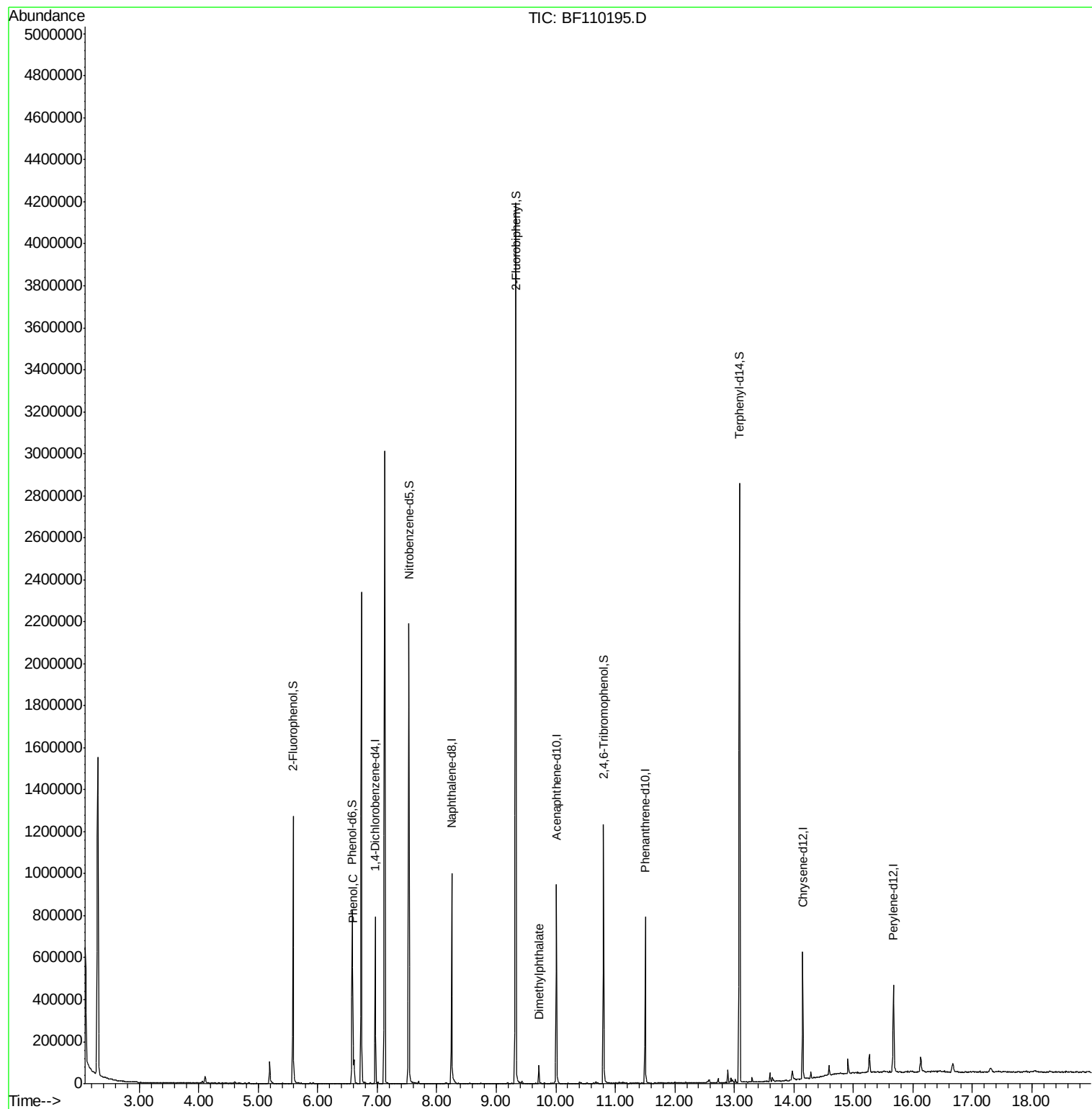
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	115507	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	443218	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	176967	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	286146	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	213476	20.00	ng	-0.01
87) Perylene-d12	15.67	264	161983	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	329855	46.50	ng	-0.01
7) Phenol-d6	6.58	99	245331	27.04	ng	-0.02
23) Nitrobenzene-d5	7.53	82	741533	99.23	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	141749	80.86	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1283720	113.91	ng	-0.01
79) Terphenyl-d14	13.09	244	947030	92.26	ng	-0.02
Target Compounds						
10) Phenol	6.59	94	64453	6.646	ng	Qvalue # 64
50) Dimethylphthalate	9.72	163	38414	2.941	ng	98

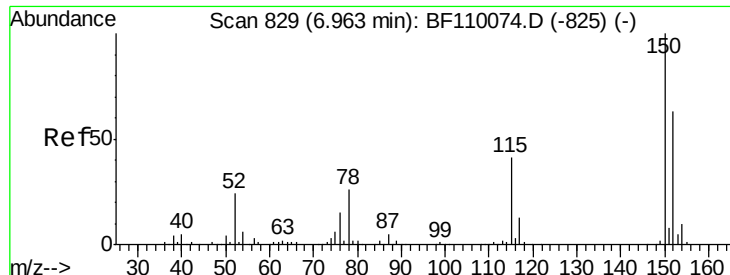
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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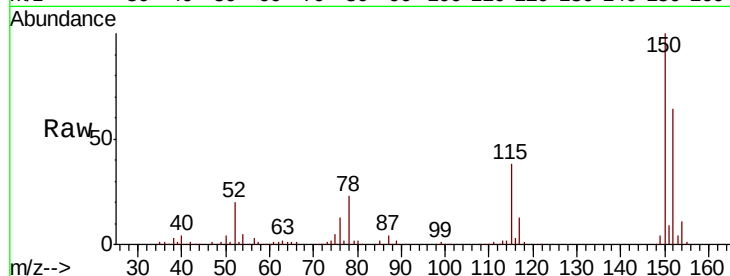


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110195.D
 Acq: 26 Oct 2018 7:37

Instrument :
 BNA_F
 ClientSampleId :
 102218-SIDI-E-U-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	122.7	184.1
115	59.5	49.1	73.7

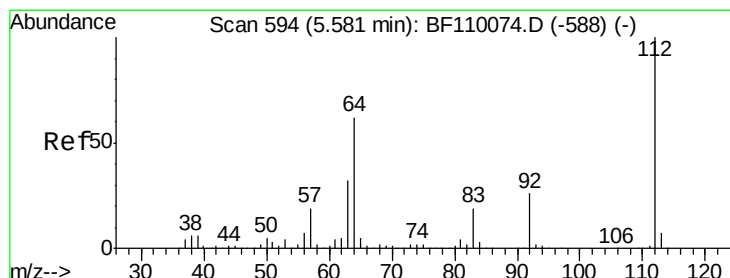
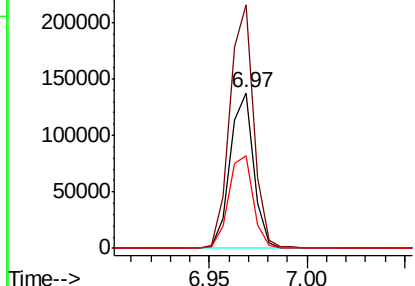
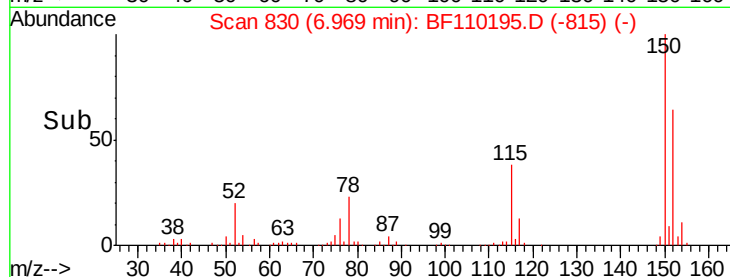


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

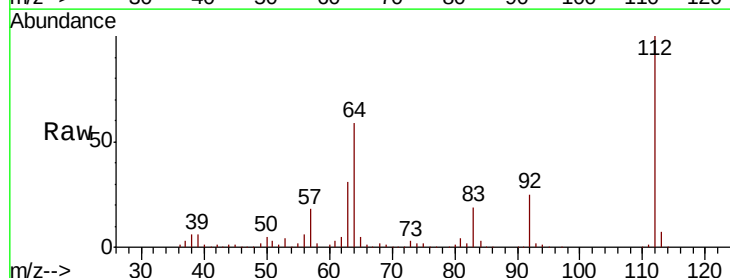
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 46.504 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF110195.D
 Acq: 26 Oct 2018 7:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	44.1	66.1
63	31.3	23.7	35.5

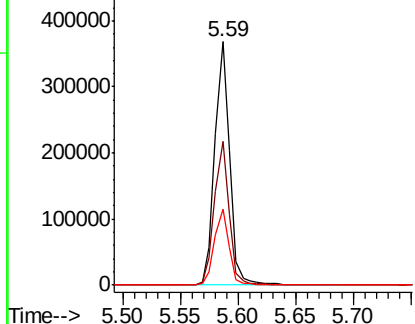
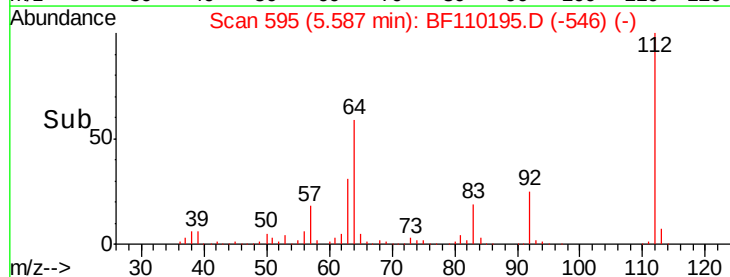


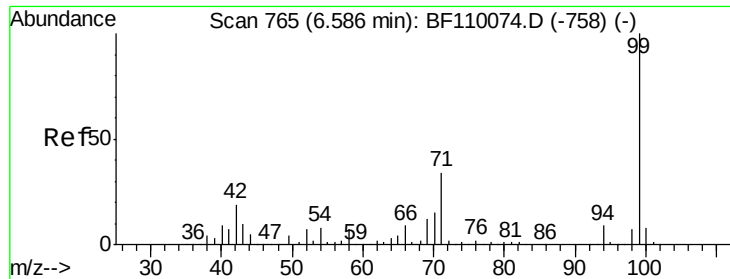
Abundance

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: 27.041 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110195.D

Acq: 26 Oct 2018 7:37

Instrument :

BNA_F

ClientSampleId :

102218-SIDI-E-U-M

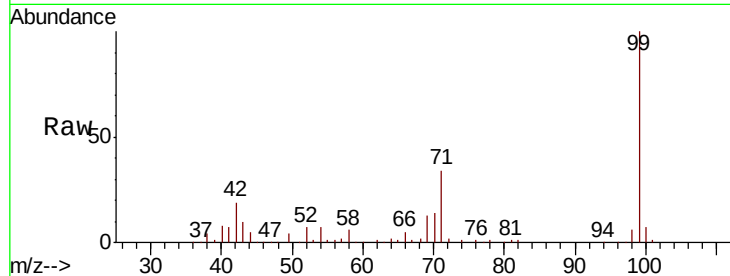
Tot Ion: 99 Resp: 245331

Ion Ratio Lower Upper

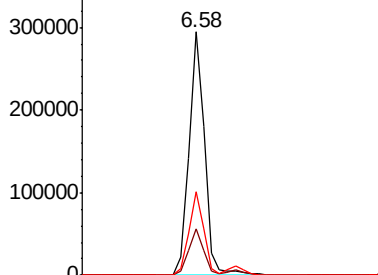
99 100

42 19.2 15.8 23.6

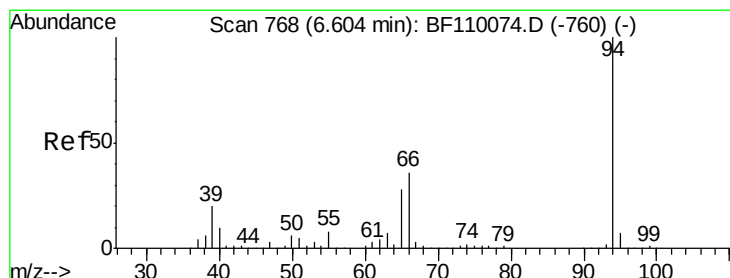
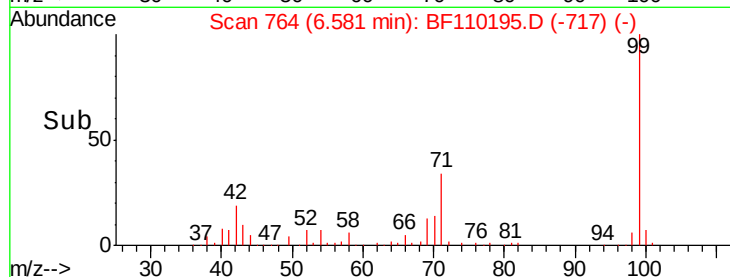
71 34.5 28.0 42.0



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



Time--> 6.50 6.55 6.60 6.65 6.70



#10

Phenol

Concen: 6.646 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110195.D

Acq: 26 Oct 2018 7:37

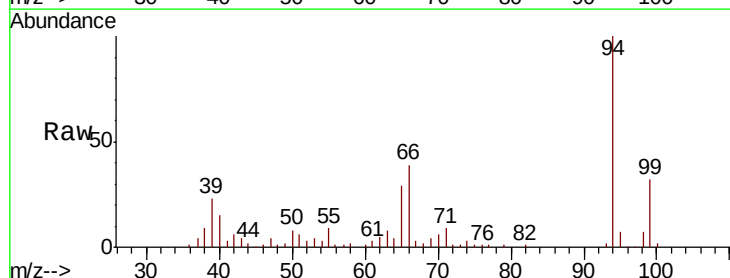
Tgt Ion: 94 Resp: 64453

Ion Ratio Lower Upper

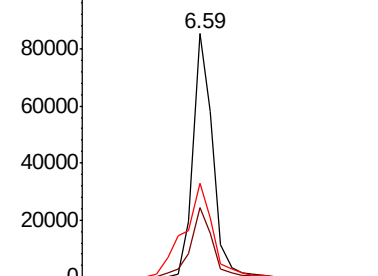
94 100

65 28.7 25.3 65.3

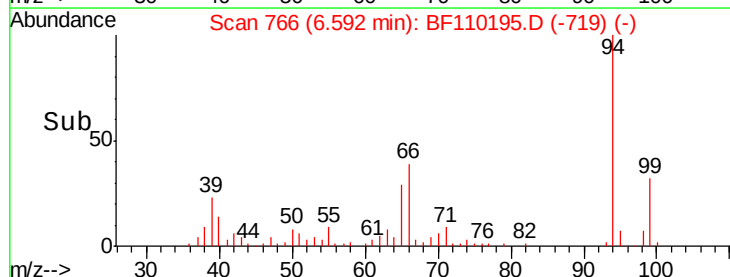
66 38.7 54.5 94.5#

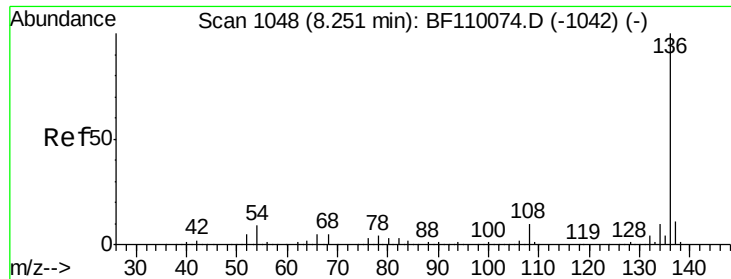


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



Time--> 6.55 6.60 6.65





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110195.D

Acq: 26 Oct 2018 7:37

Instrument :

BNA_F

ClientSampleId :

102218-SIDI-E-U-M

Tot Ion:136 Resp: 443218

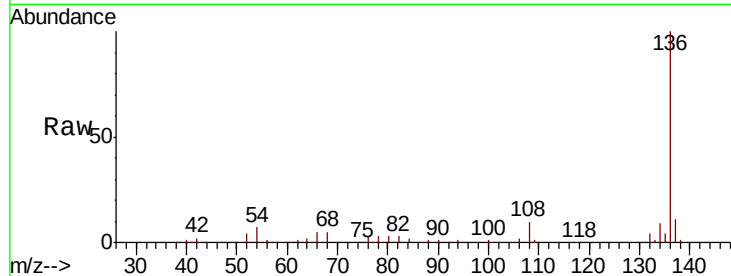
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.4 5.4 8.2

68 5.2 4.2 6.2

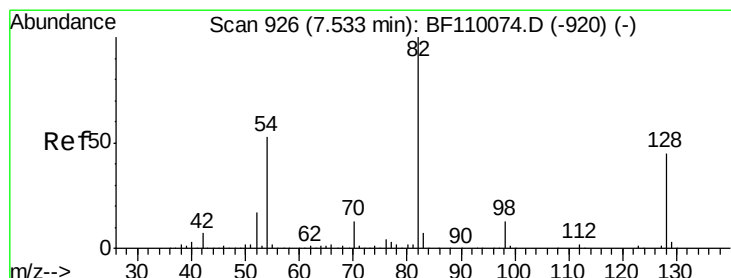
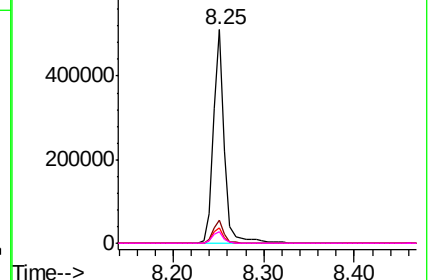
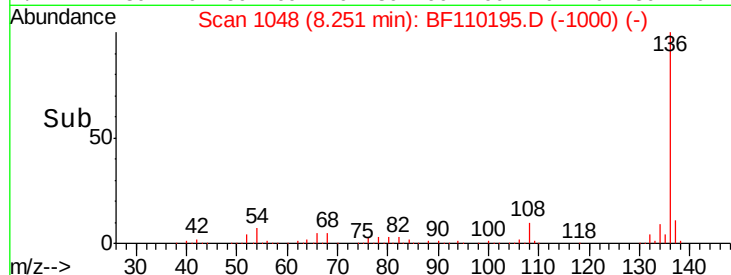


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.235 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF110195.D

Acq: 26 Oct 2018 7:37

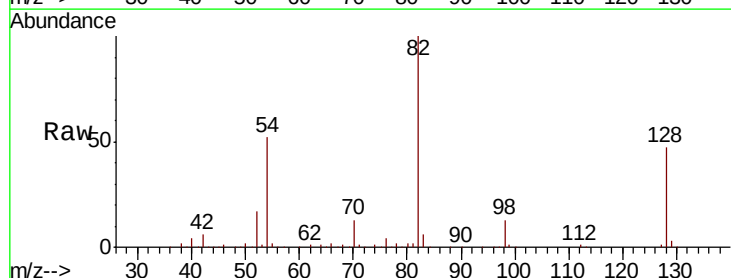
Tgt Ion: 82 Resp: 741533

Ion Ratio Lower Upper

82 100

128 46.8 34.2 51.2

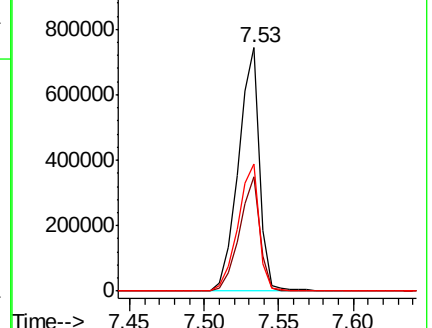
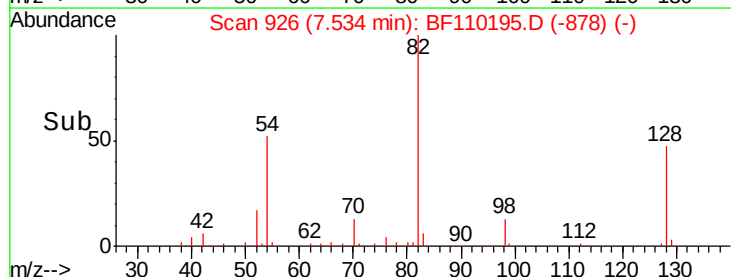
54 52.0 38.6 58.0

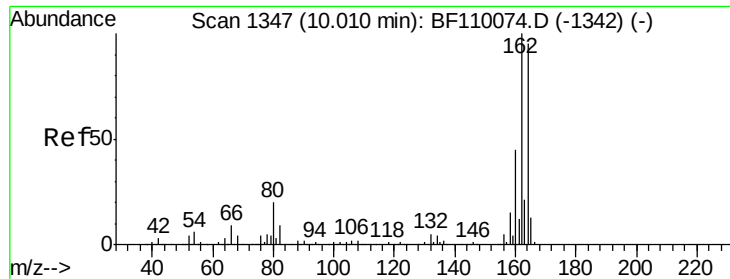


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF110195.D

Acq: 26 Oct 2018 7:37

Instrument :

BNA_F

ClientSampleId :

102218-SIDI-E-U-M

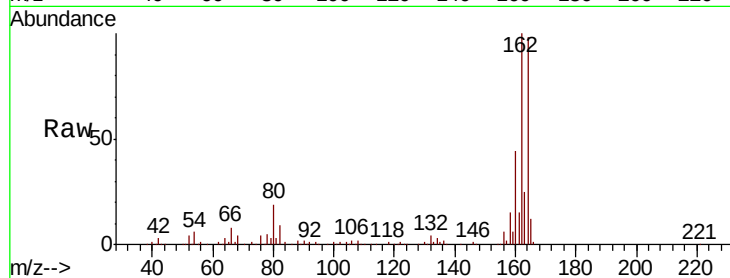
Tot Ion:164 Resp: 176967

Ion Ratio Lower Upper

164 100

162 102.5 83.0 124.6

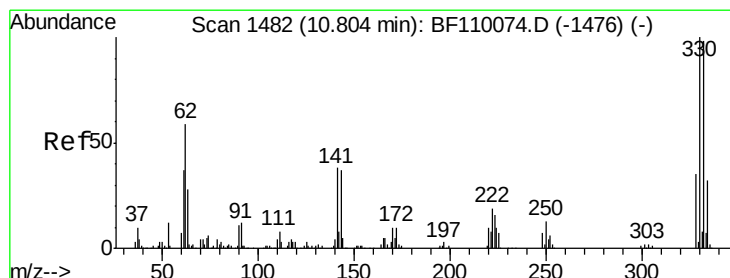
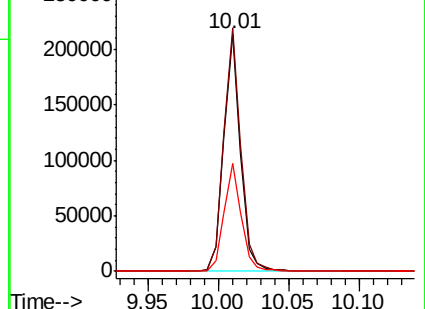
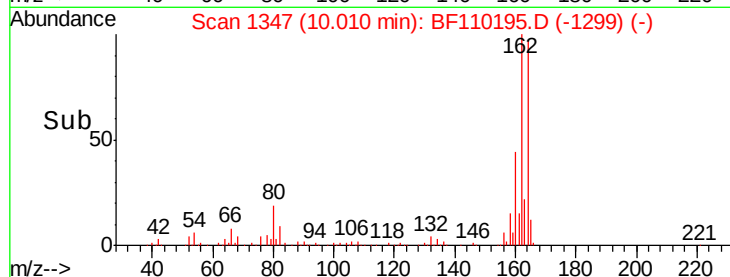
160 45.6 37.0 55.6



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: 80.862 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110195.D

Acq: 26 Oct 2018 7:37

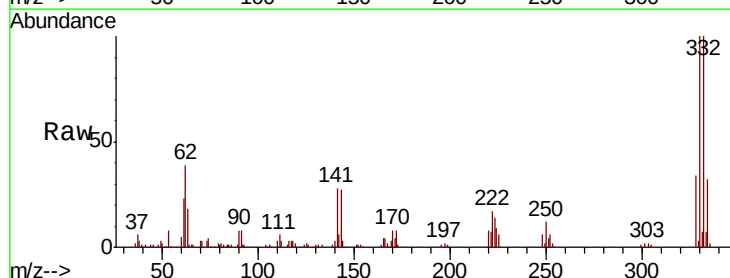
Tgt Ion:330 Resp: 141749

Ion Ratio Lower Upper

330 100

332 97.9 77.1 115.7

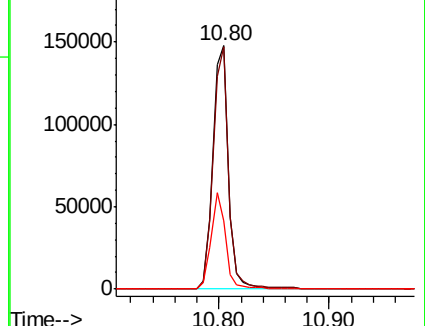
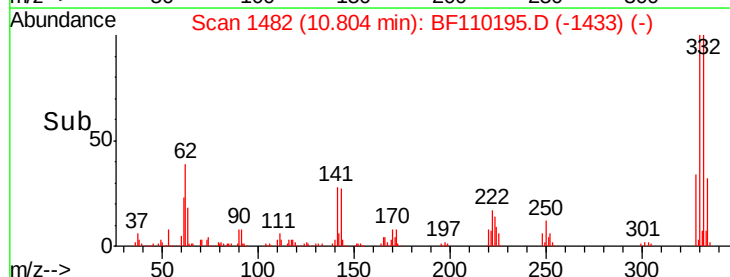
141 36.4 27.0 40.4

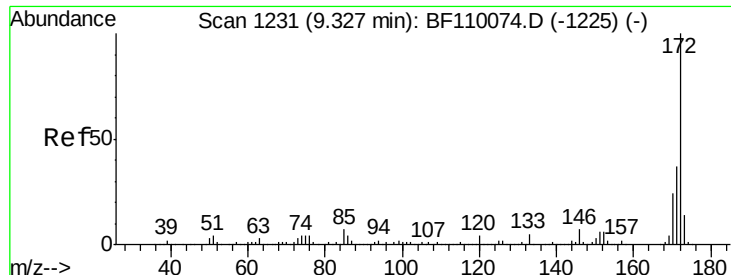


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

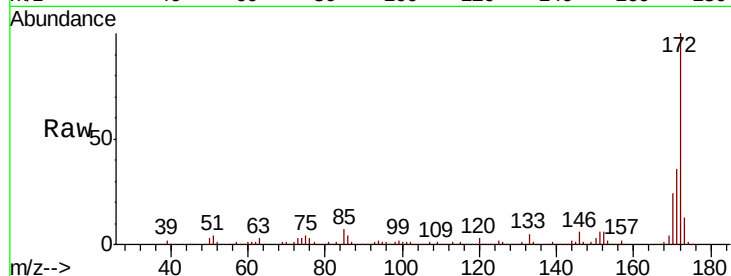




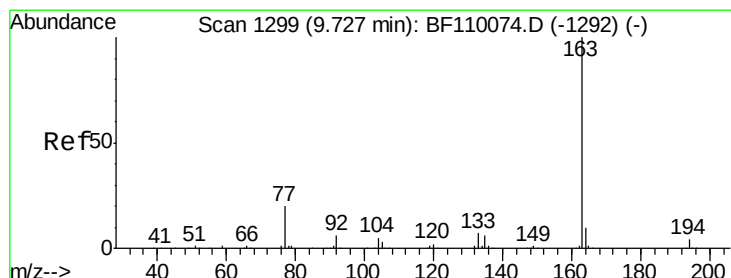
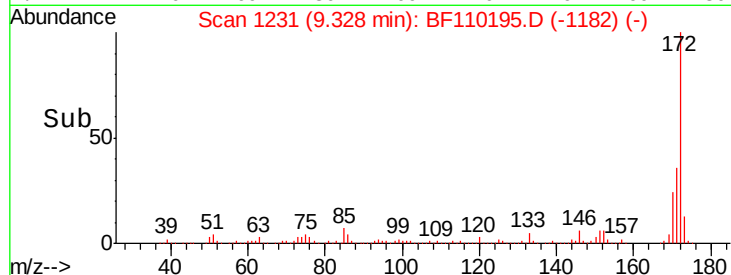
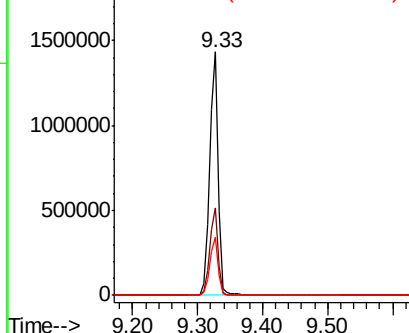
#45
2-Fluorobiphenyl
Concen: 113.907 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110195.D
Acq: 26 Oct 2018 7:37

Instrument :
BNA_F
ClientSampleId :
102218-SIDI-E-U-M

Tot Ion:172 Resp: 1283720
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.0 19.7 29.5

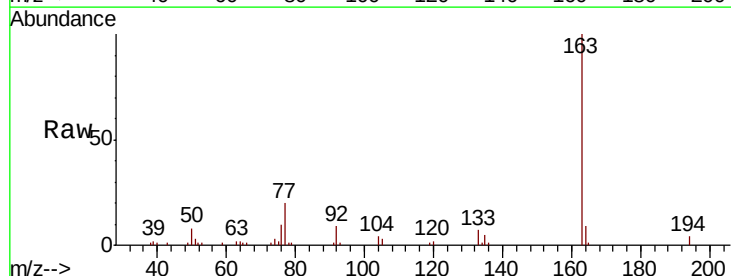


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

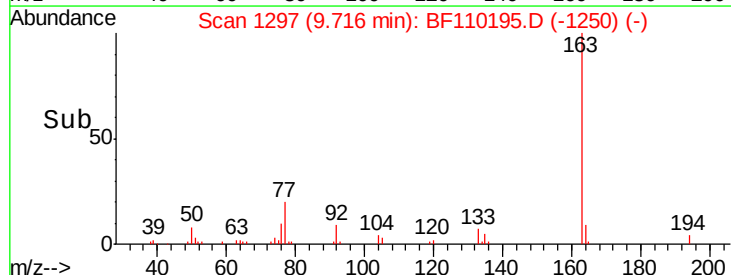
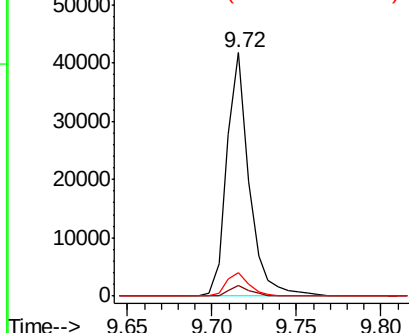


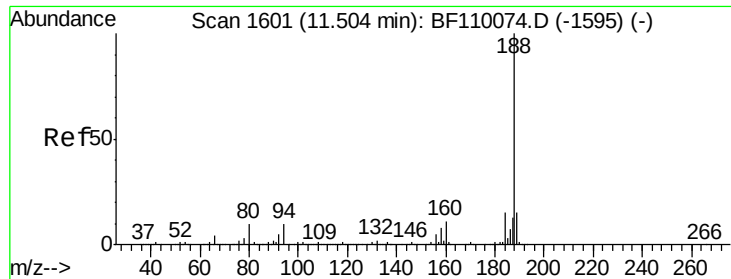
#50
Dimethylphthalate
Concen: 2.941 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110195.D
Acq: 26 Oct 2018 7:37

Tgt Ion:163 Resp: 38414
Ion Ratio Lower Upper
163 100
194 4.4 3.2 4.8
164 9.5 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

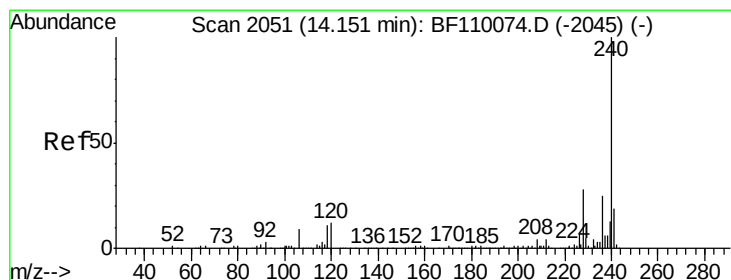
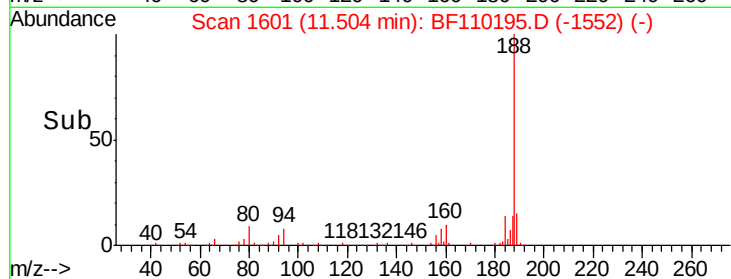
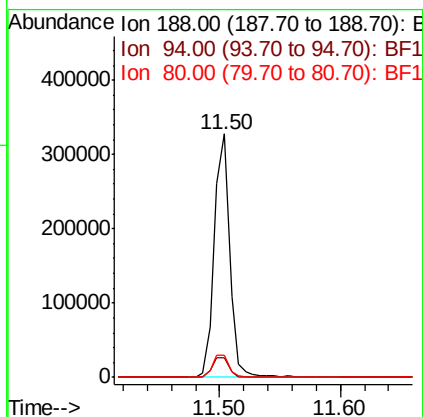
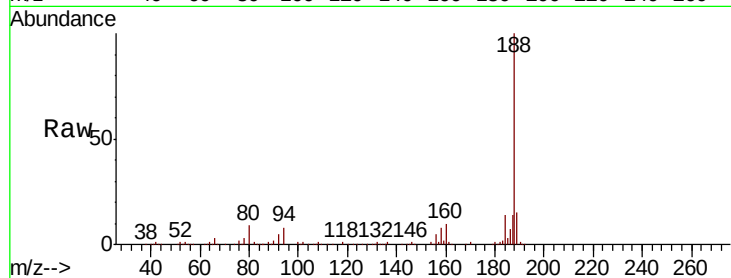




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110195.D
Acq: 26 Oct 2018 7:37

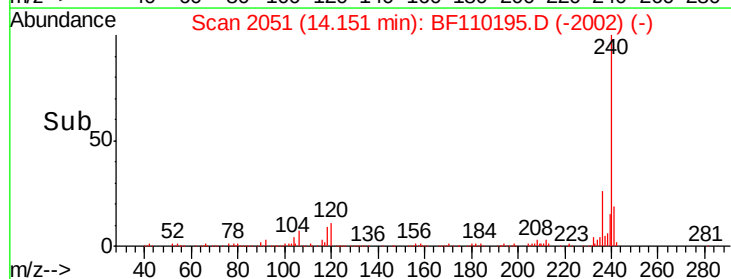
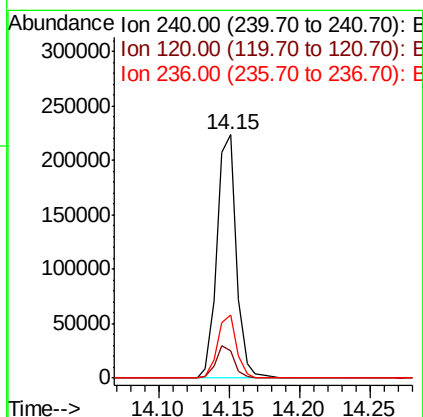
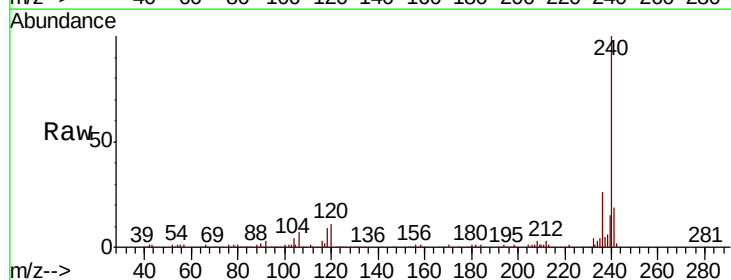
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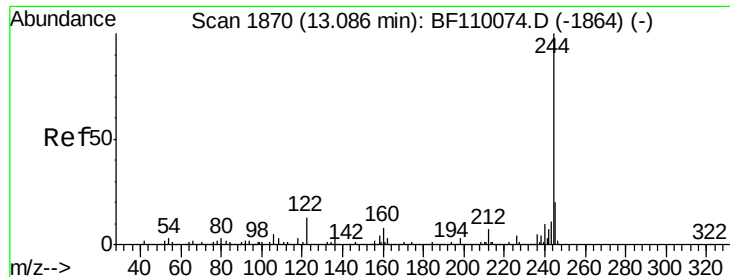
Tot Ion:188 Resp: 286146
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 9.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110195.D
Acq: 26 Oct 2018 7:37

Tgt Ion:240 Resp: 213476
Ion Ratio Lower Upper
240 100
120 11.1 8.3 12.5
236 25.7 21.2 31.8





#79

Terphenyl-d14

Concen: 92.261 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110195.D

Acq: 26 Oct 2018 7:37

Instrument :

BNA_F

ClientSampleId :

102218-SIDI-E-U-M

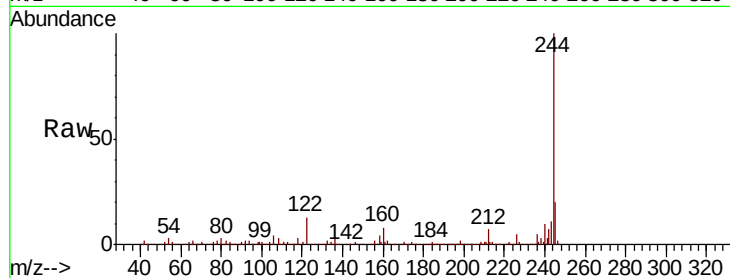
Tot Ion:244 Resp: 947030

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

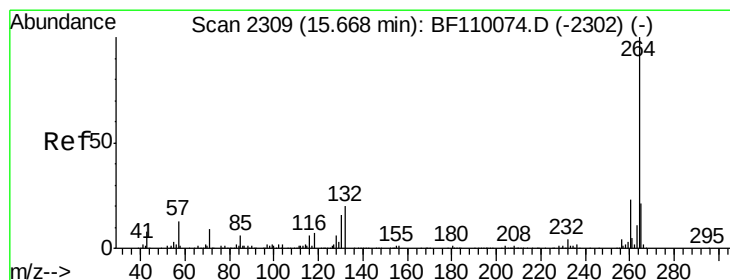
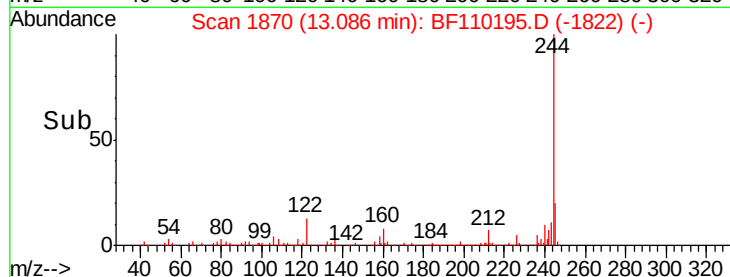
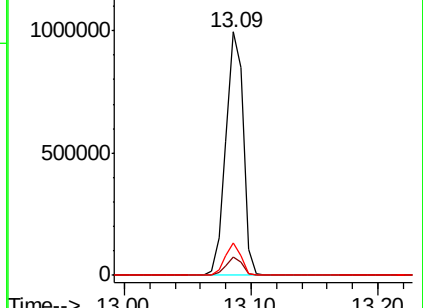
122 13.3 8.7 13.1#



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: BF110195.D

Acq: 26 Oct 2018 7:37

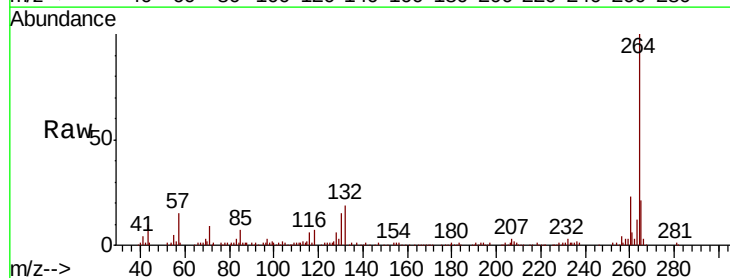
Tgt Ion:264 Resp: 161983

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 21.4 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

