

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109833.D
 Acq On : 12 Oct 2018 15:04
 Operator : JU/SJ
 Sample : J5371-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100818-TIPC-F-U-B

Quant Time: Oct 12 16:16:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

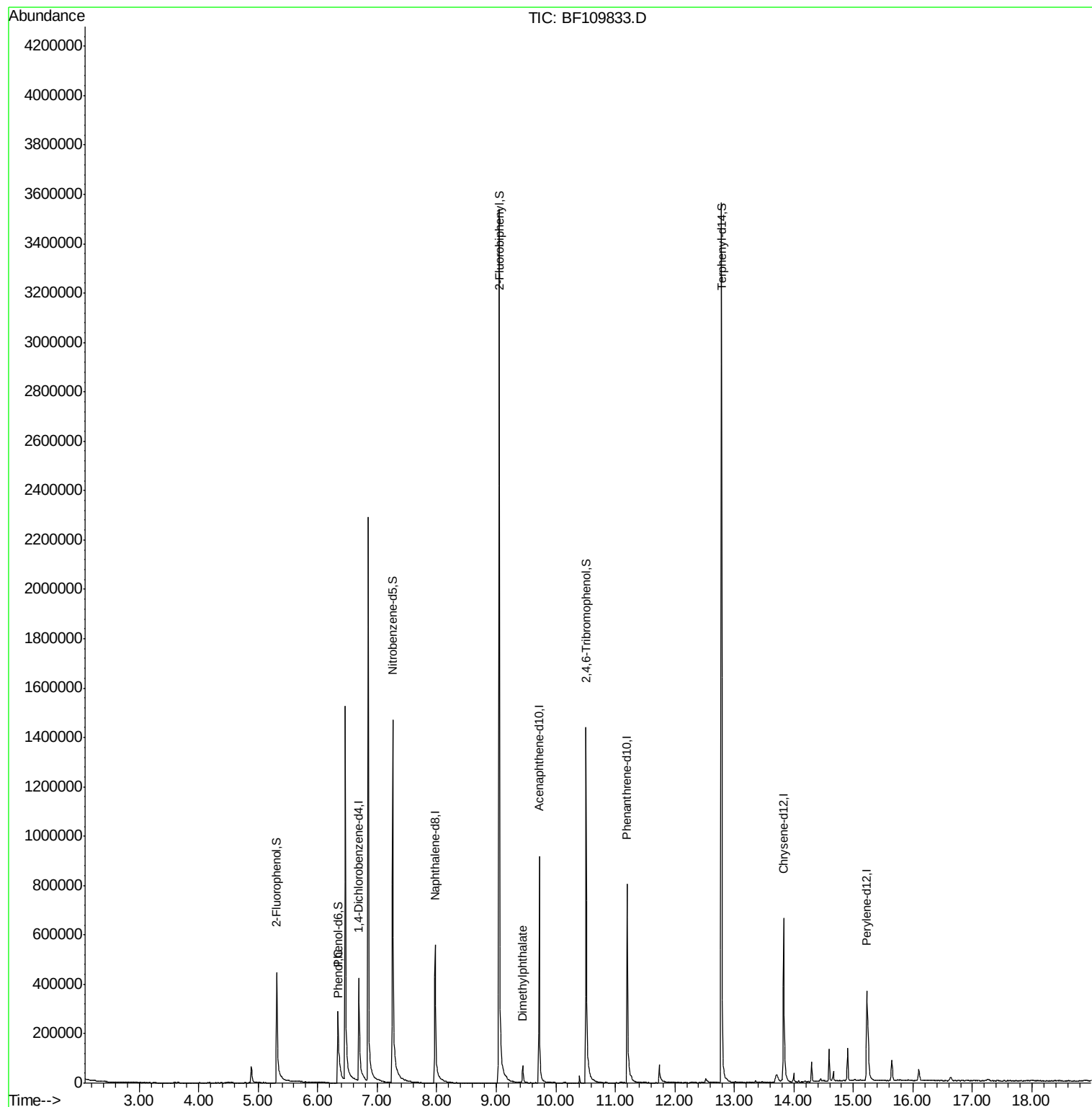
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	99846	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	429028	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	212384	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	446159	20.00	ng	0.00
75) Chrysene-d12	13.83	240	317179	20.00	ng	0.00
86) Perylene-d12	15.23	264	242285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	215866	38.38	ng	0.00
7) Phenol-d6	6.34	99	219372	29.19	ng	-0.02
23) Nitrobenzene-d5	7.26	82	794952	102.14	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	228646	98.80	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1467461	95.16	ng	0.00
78) Terphenyl-d14	12.79	244	1452438	88.65	ng	0.00
Target Compounds						
10) Phenol	6.36	94	19491	2.262	ng	82
49) Dimethylphthalate	9.45	163	40820	2.621	ng	99

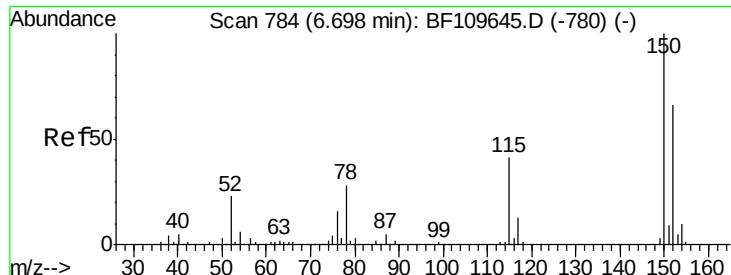
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration



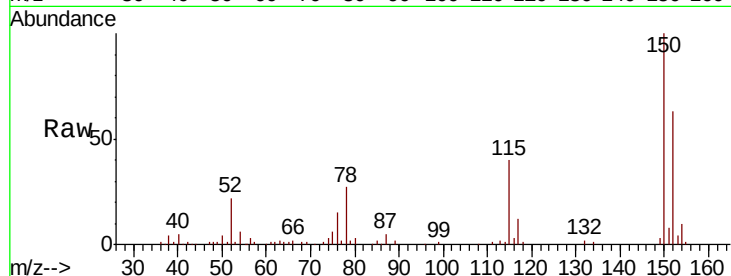


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109833.D
Acq: 12 Oct 2018 15:04

Instrument :
BNA_F
ClientSampleId :
100818-TIPC-F-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	122.7	184.1
115	64.2	49.1	73.7

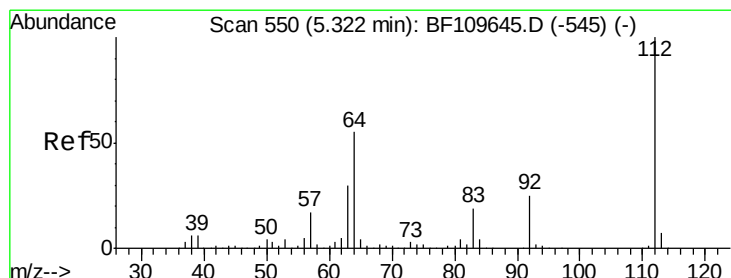
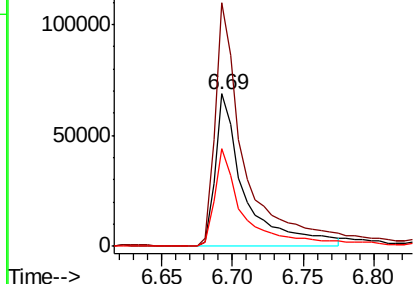
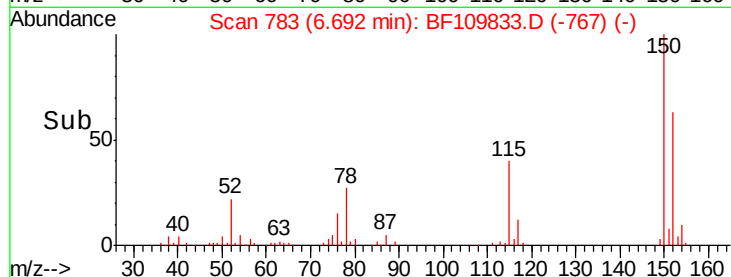


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

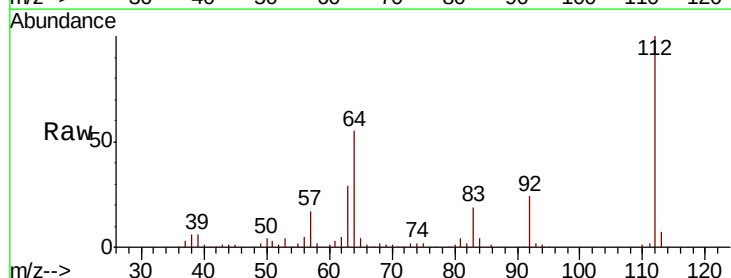
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 38.376 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109833.D
Acq: 12 Oct 2018 15:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	44.1	66.1
63	28.8	23.7	35.5

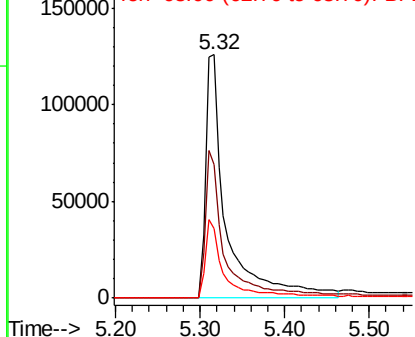
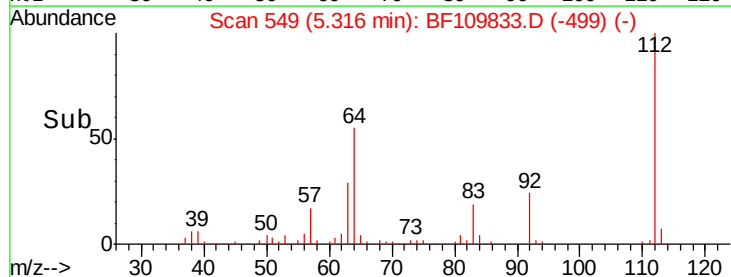


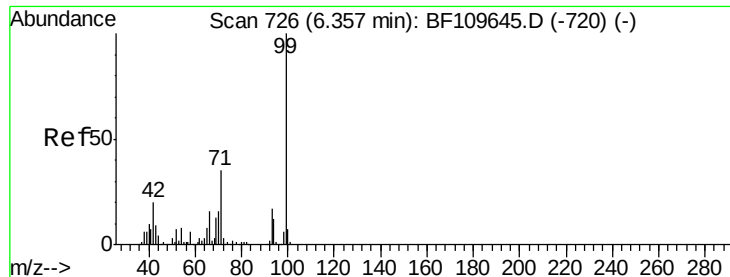
Abundance

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: 29.194 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109833.D

Acq: 12 Oct 2018 15:04

Instrument :

BNA_F

ClientSampleId :

100818-TIPC-F-U-B

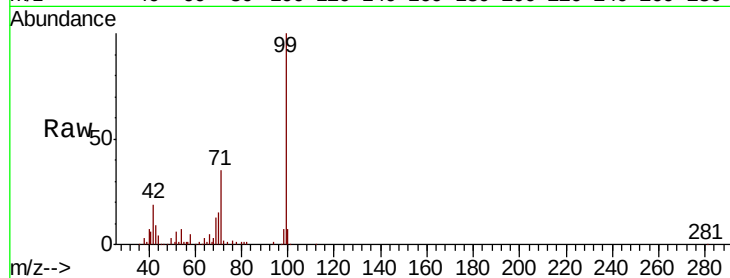
Tot Ion: 99 Resp: 219372

Ion Ratio Lower Upper

99 100

42 19.0 15.8 23.6

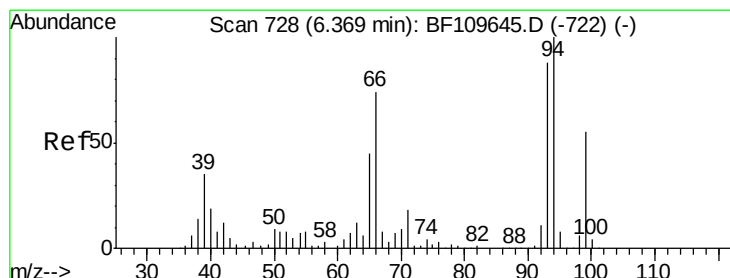
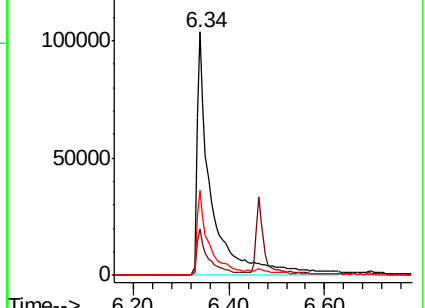
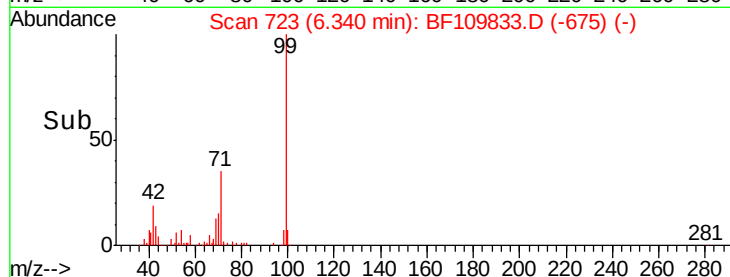
71 35.1 28.0 42.0



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: 2.262 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109833.D

Acq: 12 Oct 2018 15:04

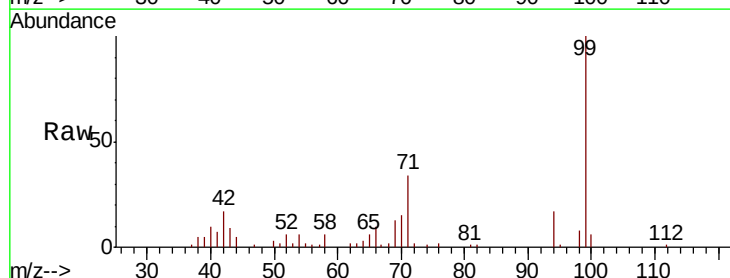
Tgt Ion: 94 Resp: 19491

Ion Ratio Lower Upper

94 100

65 33.8 25.3 65.3

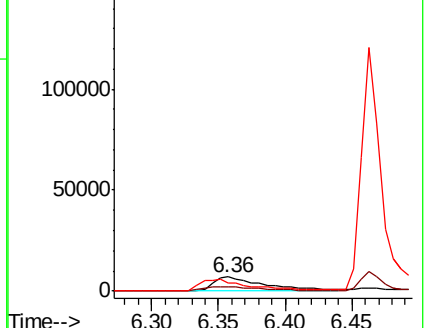
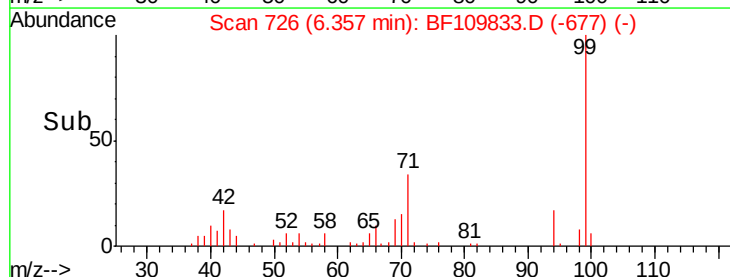
66 59.7 54.5 94.5

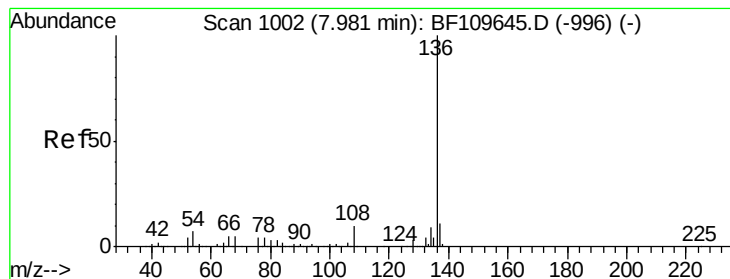


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109833.D

Acq: 12 Oct 2018 15:04

Instrument :

BNA_F

ClientSampleId :

100818-TIPC-F-U-B

Tot Ion:136 Resp: 429028

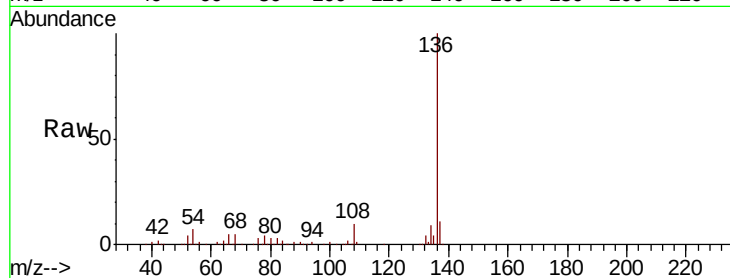
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.5 5.4 8.2

68 5.1 4.2 6.2

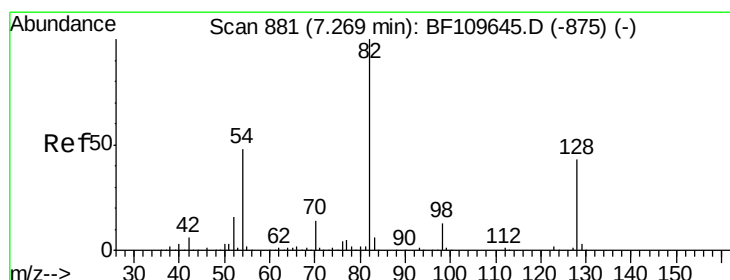
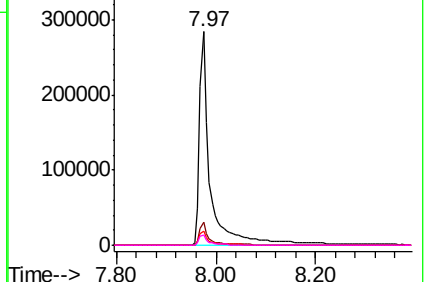
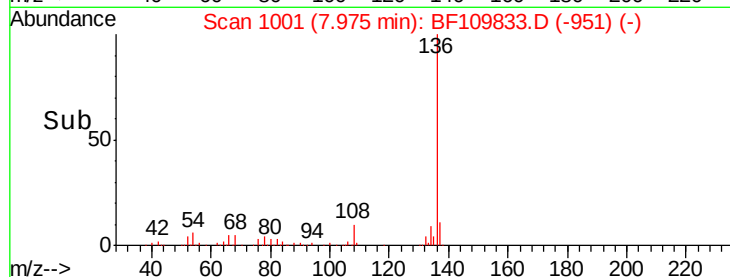


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.139 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF109833.D

Acq: 12 Oct 2018 15:04

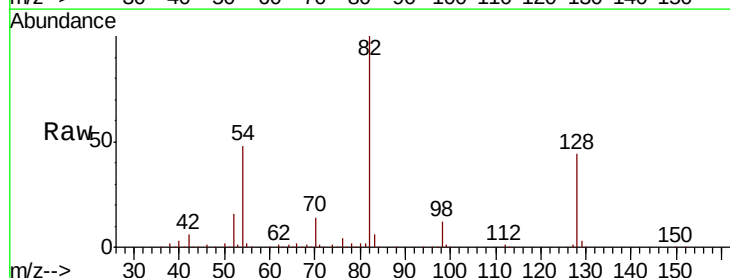
Tgt Ion: 82 Resp: 794952

Ion Ratio Lower Upper

82 100

128 44.4 34.2 51.2

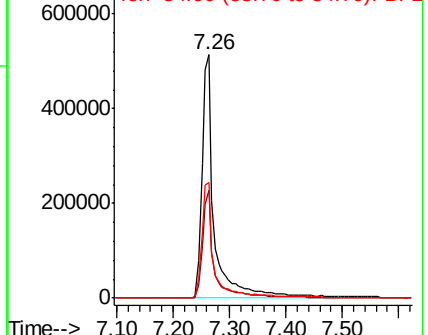
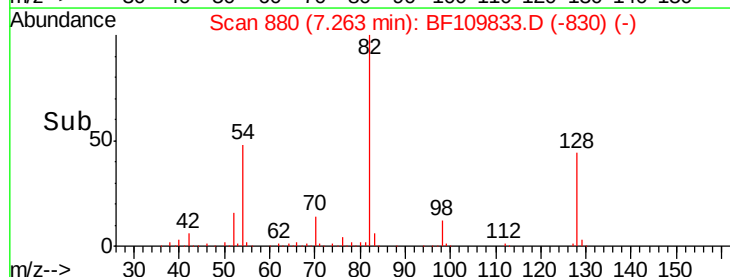
54 47.7 38.6 58.0

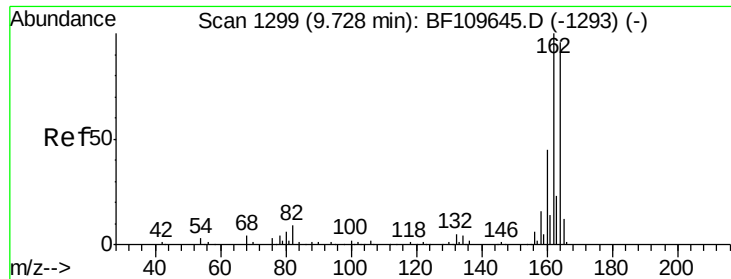


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF109833.D

Acq: 12 Oct 2018 15:04

Instrument :

BNA_F

ClientSampleId :

100818-TIPC-F-U-B

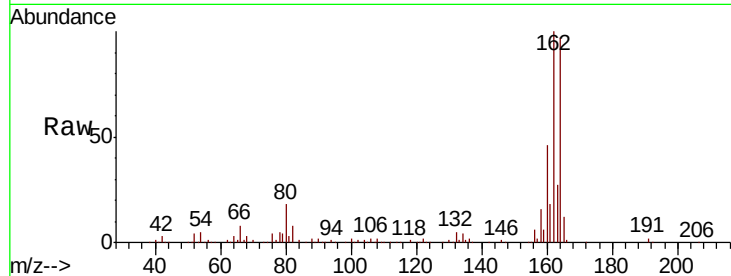
Tot Ion:164 Resp: 212384

Ion Ratio Lower Upper

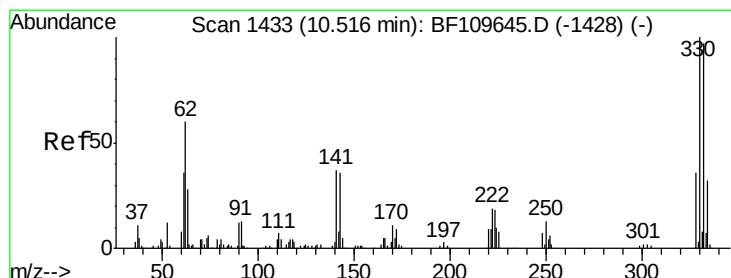
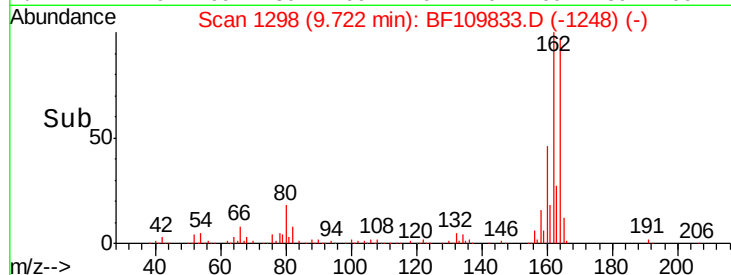
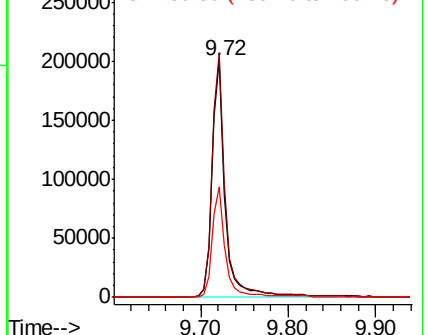
164 100

162 102.8 83.0 124.6

160 46.8 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



#41

2,4,6-Tribromophenol

Concen: 98.803 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF109833.D

Acq: 12 Oct 2018 15:04

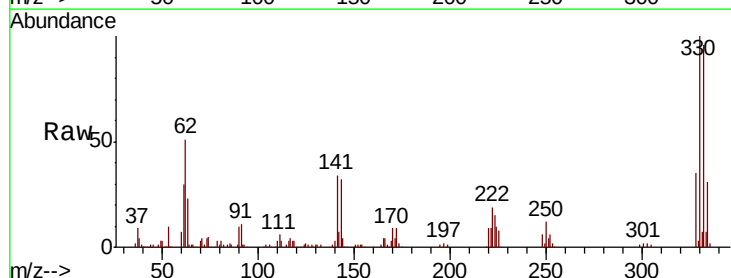
Tgt Ion:330 Resp: 228646

Ion Ratio Lower Upper

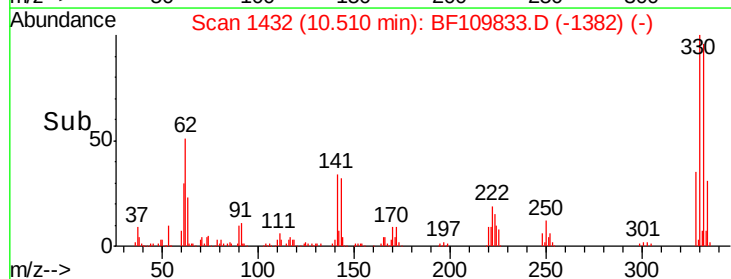
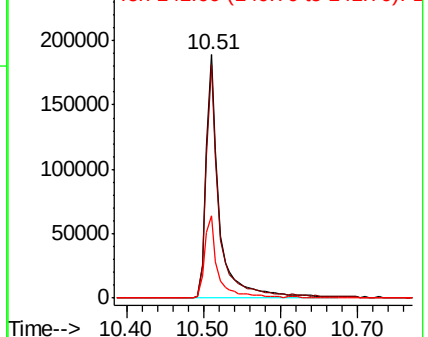
330 100

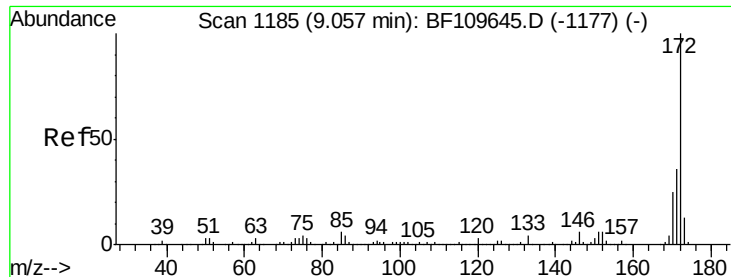
332 95.9 77.1 115.7

141 35.2 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

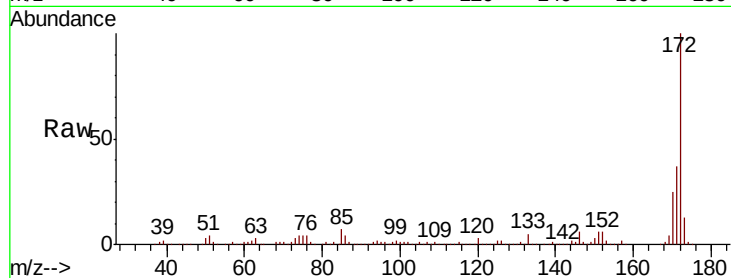




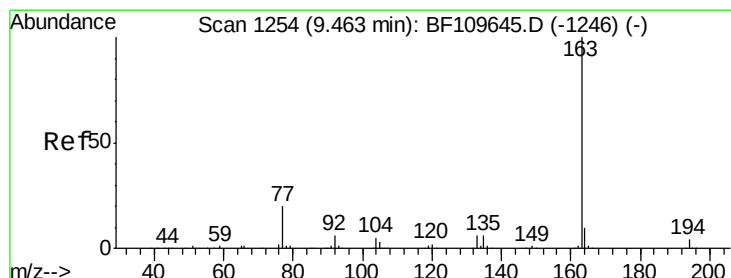
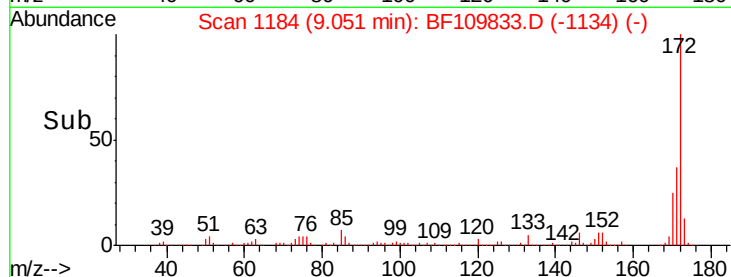
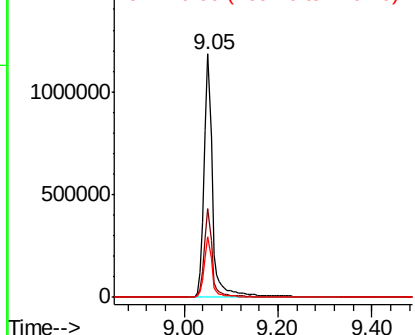
#44
2-Fluorobiphenyl
Concen: 95.161 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109833.D
Acq: 12 Oct 2018 15:04

Instrument :
BNA_F
ClientSampleId :
100818-TIPC-F-U-B

Tot Ion:172 Resp: 1467461
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 24.7 19.7 29.5

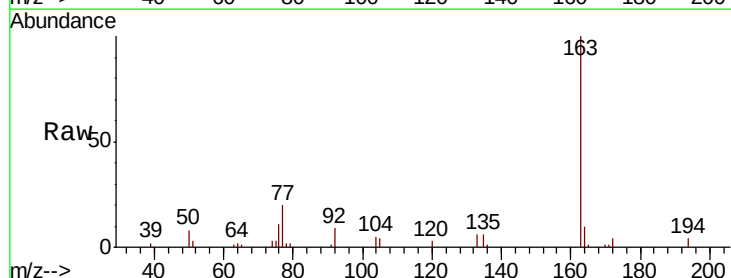


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

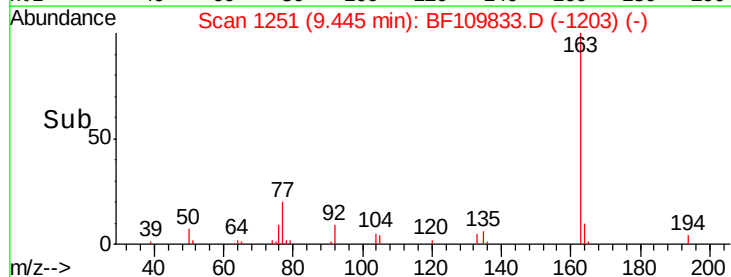
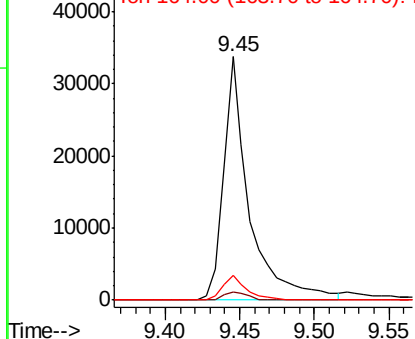


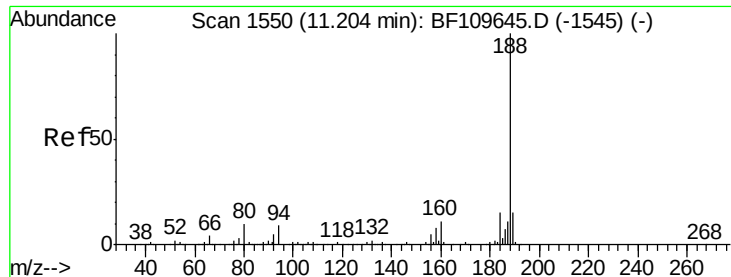
#49
Dimethylphthalate
Concen: 2.621 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109833.D
Acq: 12 Oct 2018 15:04

Tgt Ion:163 Resp: 40820
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 10.3 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

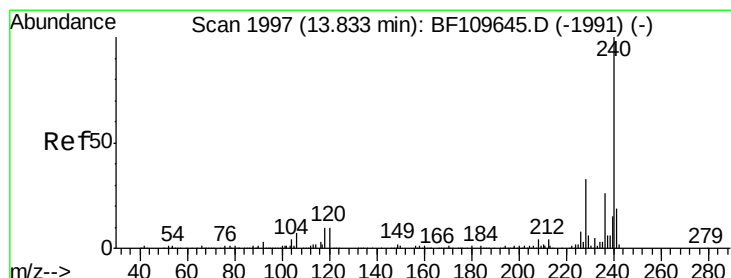
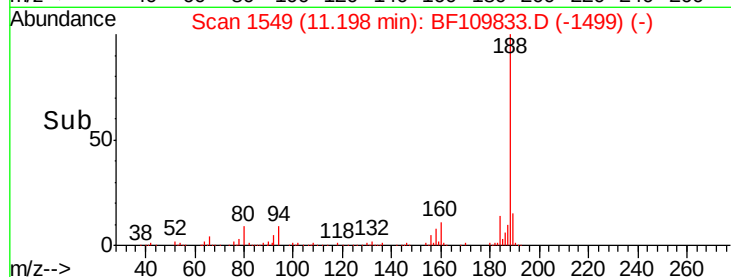
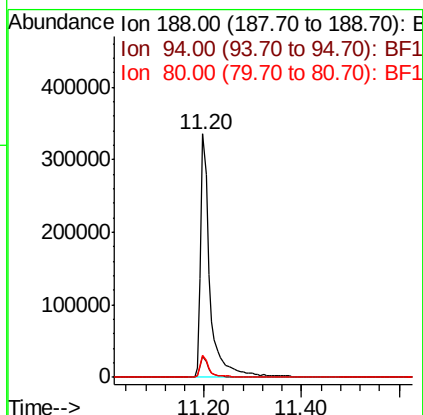
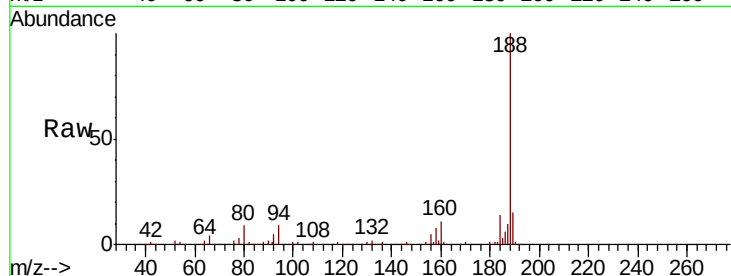




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109833.D
Acq: 12 Oct 2018 15:04

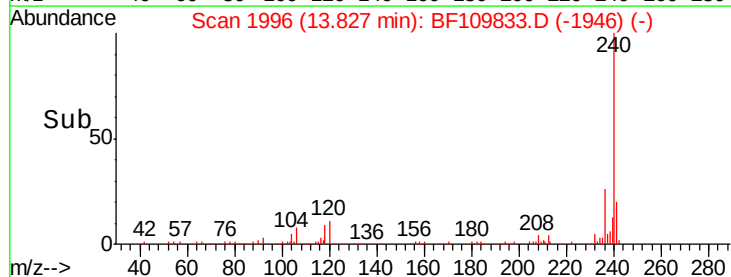
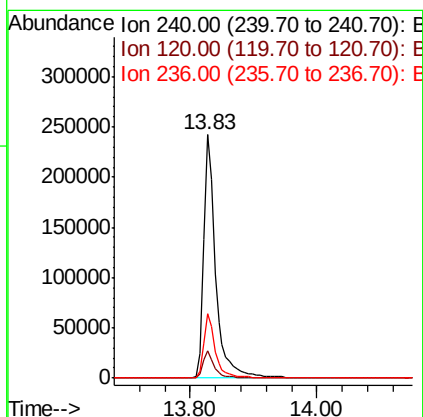
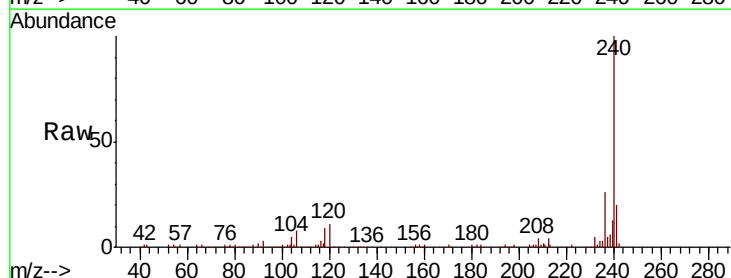
Instrument :
BNA_F
ClientSampleId :
100818-TIPC-F-U-B

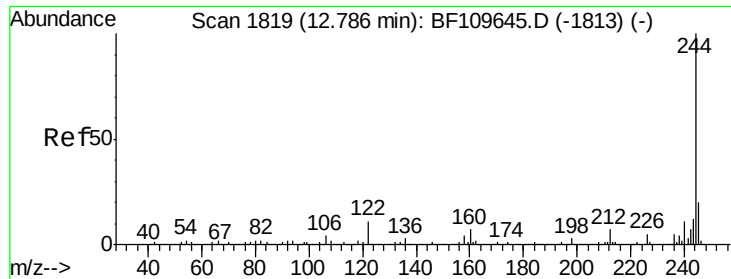
Tot Ion:188 Resp: 446159
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.1 7.9 11.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109833.D
Acq: 12 Oct 2018 15:04

Tgt Ion:240 Resp: 317179
Ion Ratio Lower Upper
240 100
120 11.2 8.3 12.5
236 26.3 21.2 31.8





#78

Terphenyl-d14

Concen: 88.647 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF109833.D

Acq: 12 Oct 2018 15:04

Instrument :

BNA_F

ClientSampleId :

100818-TIPC-F-U-B

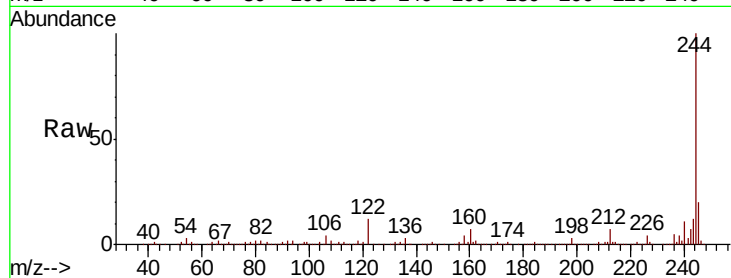
Tot Ion:244 Resp: 1452438

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

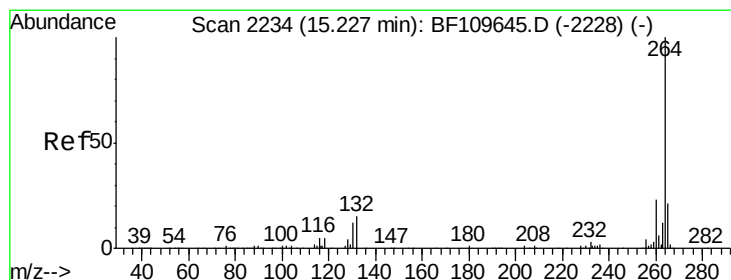
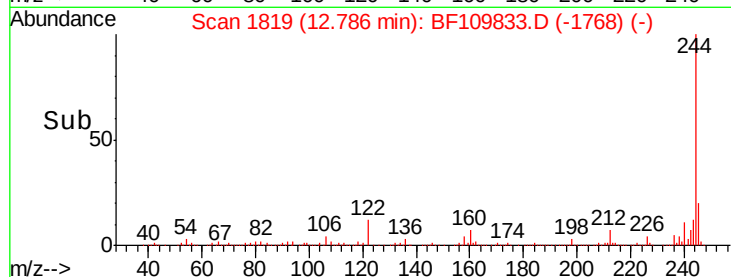
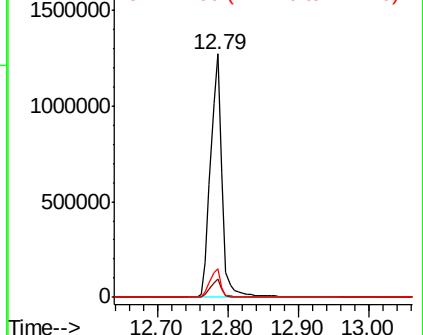
122 11.8 8.7 13.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BF109833.D

Acq: 12 Oct 2018 15:04

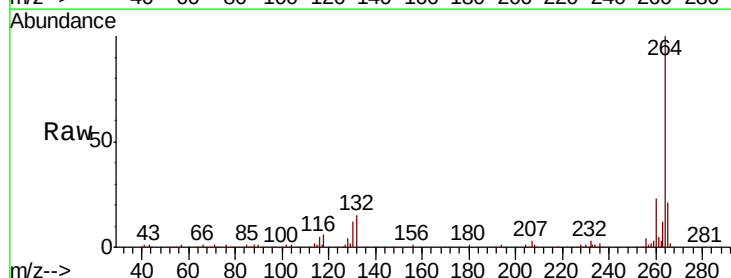
Tgt Ion:264 Resp: 242285

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.5 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

