

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
 Data File : BF111766.D
 Acq On : 27 Dec 2018 16:57
 Operator : JU/SJ
 Sample : J6446-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS023-0006-01

Quant Time: Dec 28 06:53:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

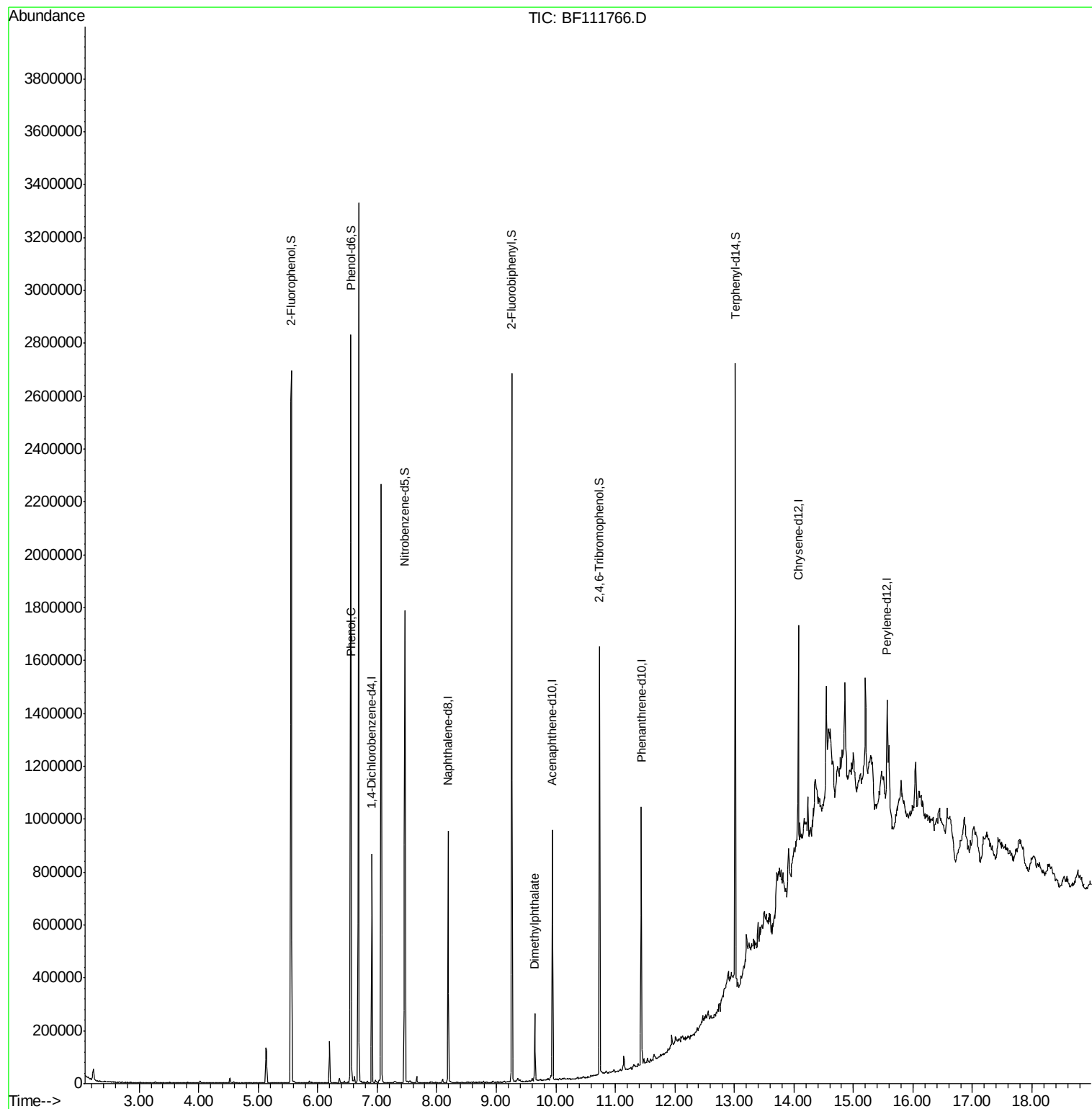
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	112612	20.00	ng	0.01
21) Naphthalene-d8	8.19	136	375734	20.00	ng	0.01
39) Acenaphthene-d10	9.95	164	169428	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	307135	20.00	ng	0.02
76) Chrysene-d12	14.07	240	266632	20.00	ng	0.02
87) Perylene-d12	15.57	264	192066	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	733502	111.03	ng	0.04
7) Phenol-d6	6.56	99	891344	106.01	ng	0.04
23) Nitrobenzene-d5	7.46	82	571173	88.48	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	196871	98.34	ng	0.02
45) 2-Fluorobiphenyl	9.26	172	730180	62.82	ng	0.00
79) Terphenyl-d14	13.02	244	717224	51.01	ng	0.02
Target Compounds						
10) Phenol	6.57	94	48621	5.125	ng	98
50) Dimethylphthalate	9.65	163	84487	6.819	ng	98

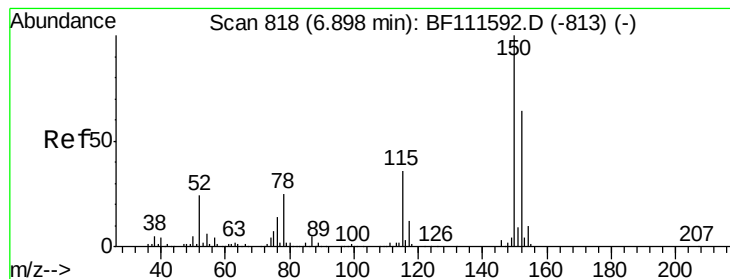
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF111766.D

Acq: 27 Dec 2018 16:57

Instrument :

BNA_F

ClientSampleId :

P001-SS023-0006-01

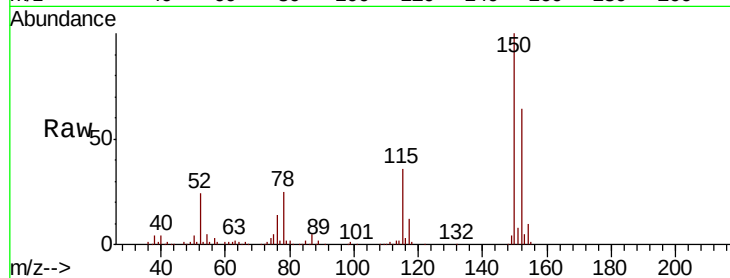
Tot Ion:152 Resp: 112612

Ion Ratio Lower Upper

152 100

150 156.1 126.6 189.8

115 56.6 50.7 76.1

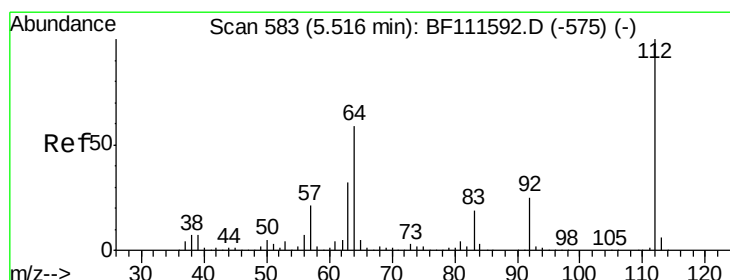
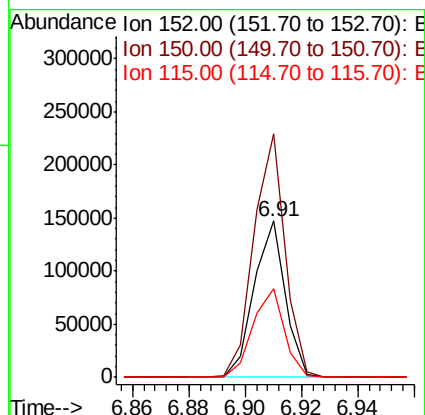
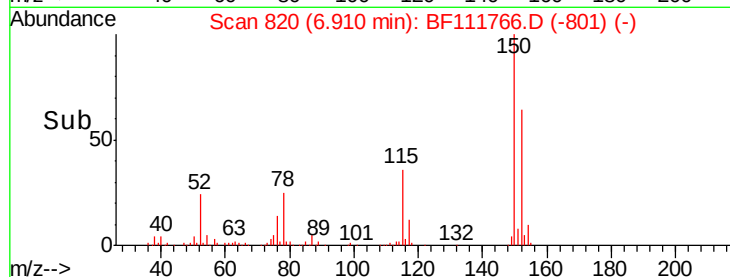


Abundance

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: 111.025 ng

RT: 5.56 min Scan# 590

Delta R.T. 0.04 min

Lab File: BF111766.D

Acq: 27 Dec 2018 16:57

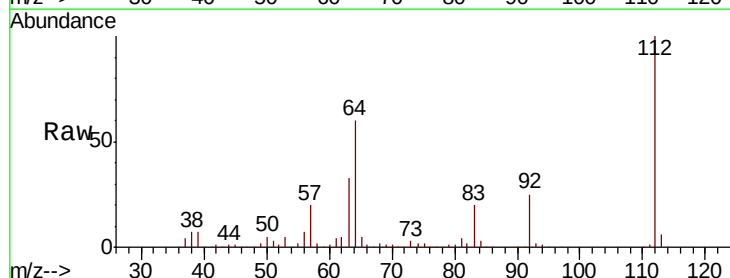
Tgt Ion:112 Resp: 733502

Ion Ratio Lower Upper

112 100

64 60.1 51.8 77.6

63 33.1 26.8 40.2

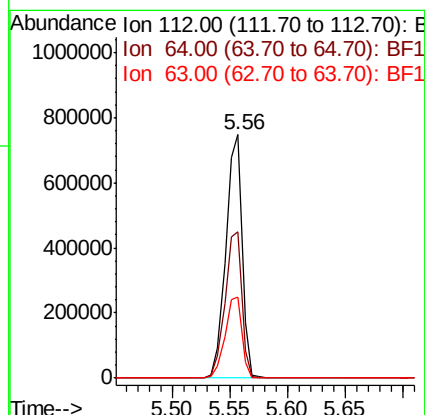
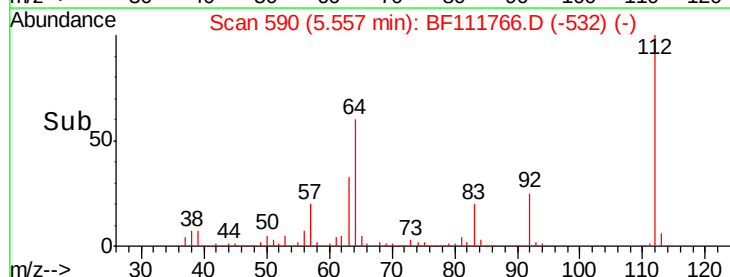


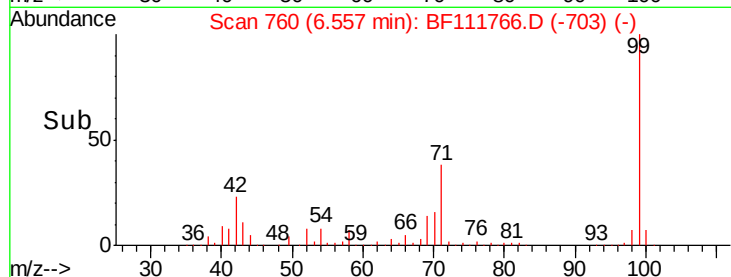
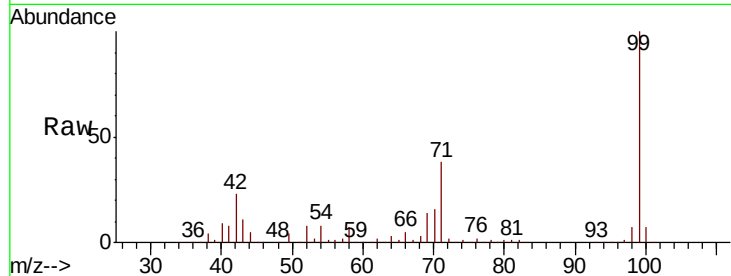
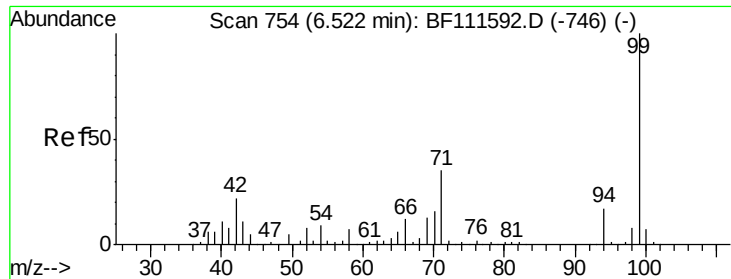
Abundance

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

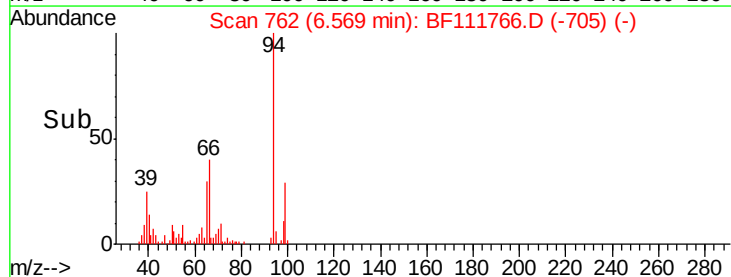
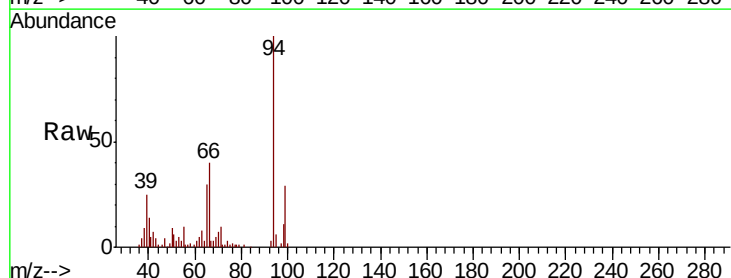
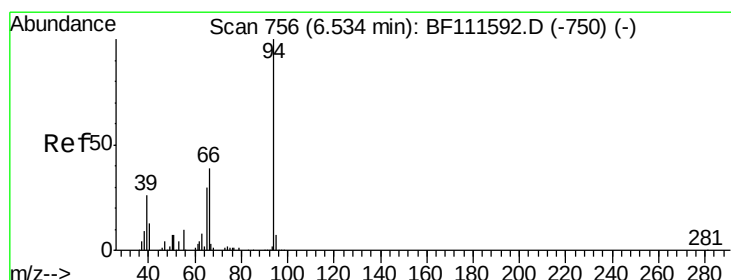
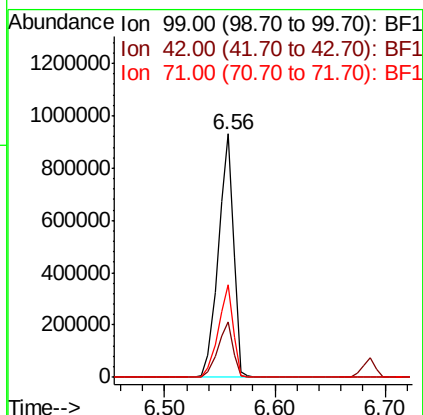




#7
Phenol-d6
Concen: 106.013 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.04 min
Lab File: BF111766.D
Acq: 27 Dec 2018 16:57

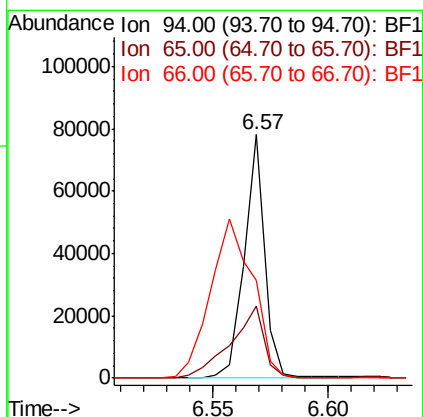
Instrument :
BNA_F
ClientSampleId :
P001-SS023-0006-01

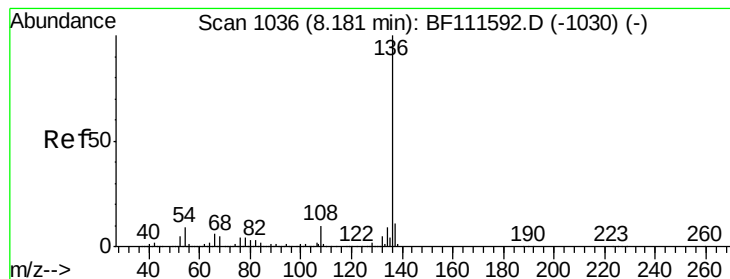
Tot Ion: 99 Resp: 891344
Ion Ratio Lower Upper
99 100
42 22.6 17.4 26.0
71 37.9 26.1 39.1



#10
Phenol
Concen: 5.125 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.04 min
Lab File: BF111766.D
Acq: 27 Dec 2018 16:57

Tgt Ion: 94 Resp: 48621
Ion Ratio Lower Upper
94 100
65 29.7 11.7 51.7
66 40.0 21.0 61.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BF111766.D

Acq: 27 Dec 2018 16:57

Instrument :

BNA_F

ClientSampleId :

P001-SS023-0006-01

Tot Ion:136 Resp: 375734

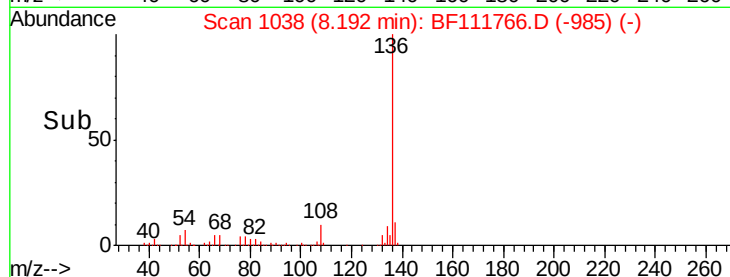
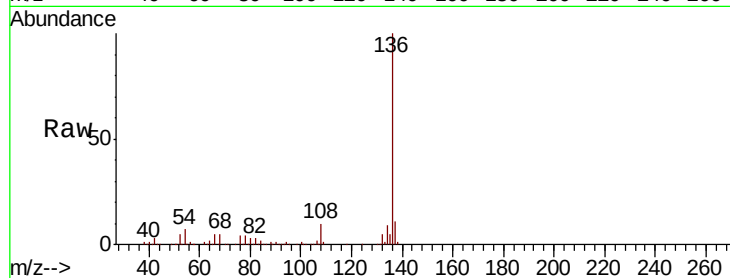
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 7.4 7.7 11.5#

68 5.1 4.9 7.3

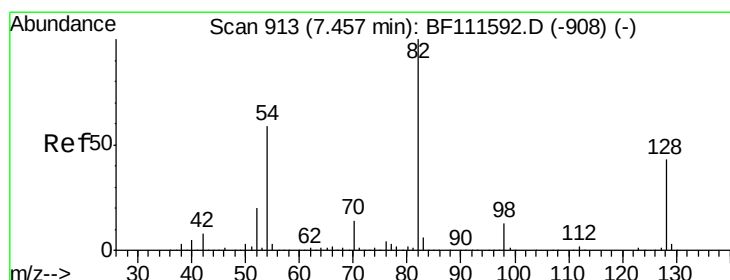
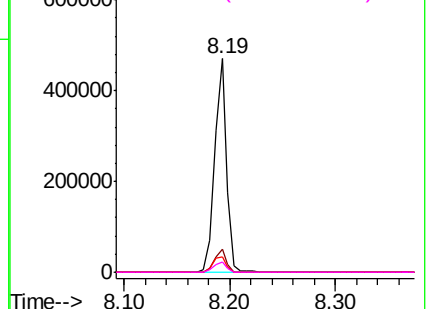


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.485 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF111766.D

Acq: 27 Dec 2018 16:57

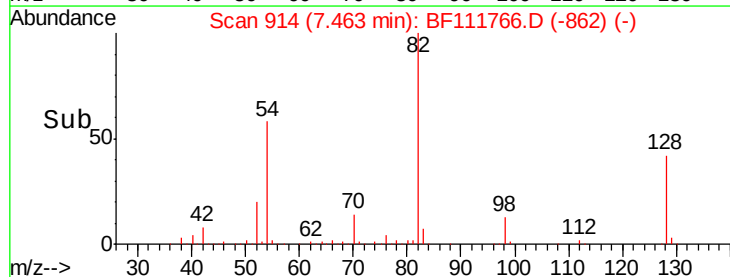
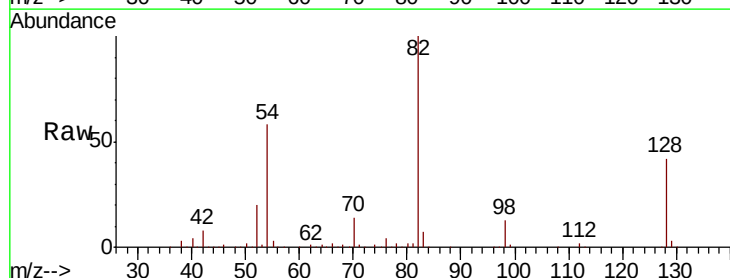
Tgt Ion: 82 Resp: 571173

Ion Ratio Lower Upper

82 100

128 42.0 37.4 56.2

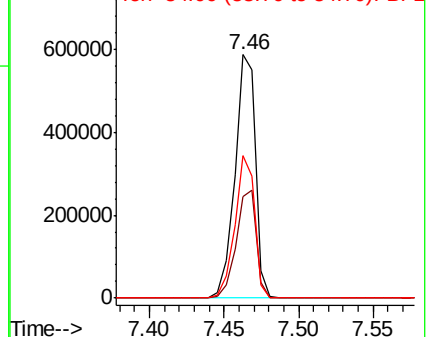
54 58.4 47.6 71.4

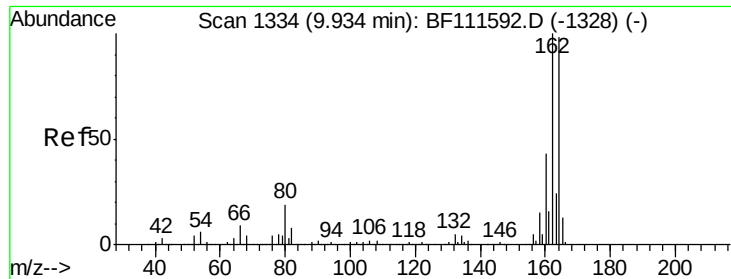


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

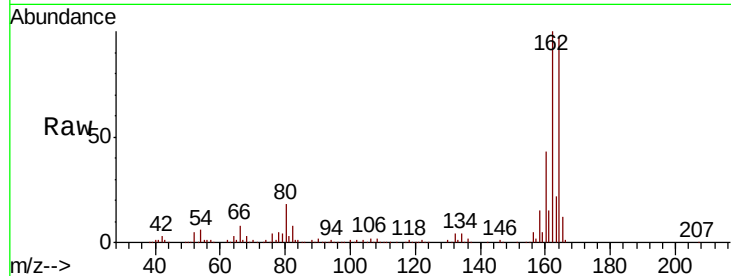




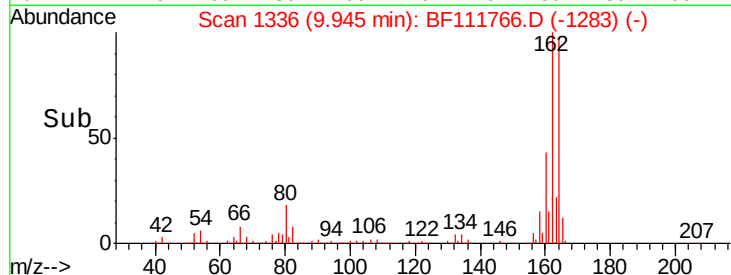
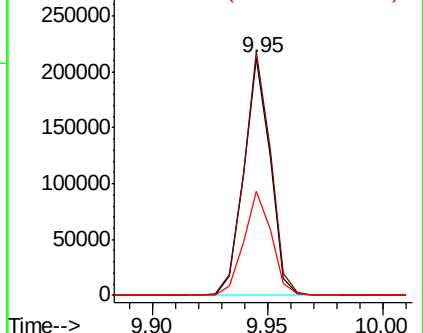
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.01 min
 Lab File: BF111766.D
 Acq: 27 Dec 2018 16:57

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS023-0006-01

Tot Ion:164 Resp: 169428
 Ion Ratio Lower Upper
 164 100
 162 102.6 81.4 122.0
 160 44.1 35.7 53.5

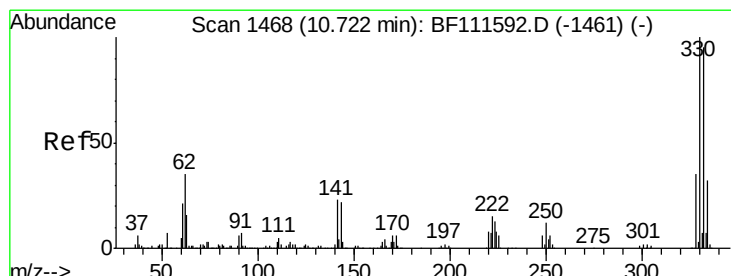


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

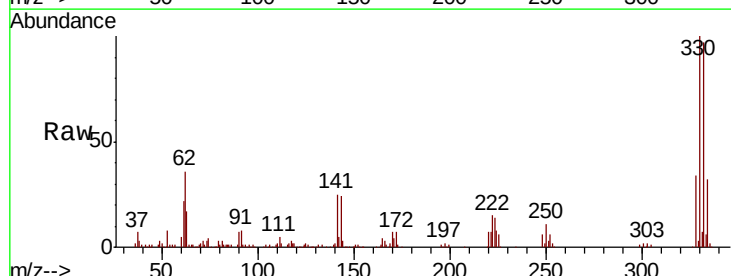
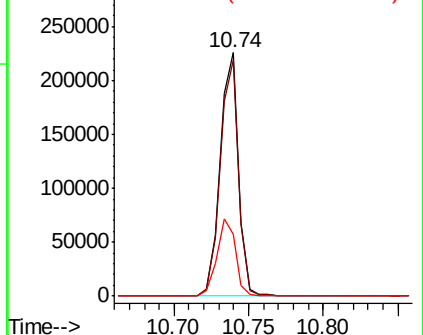


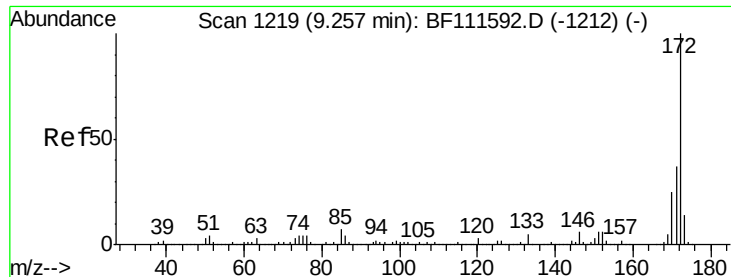
#42
 2,4,6-Tribromophenol
 Concen: 98.341 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. 0.02 min
 Lab File: BF111766.D
 Acq: 27 Dec 2018 16:57

Tgt Ion:330 Resp: 196871
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.0 114.0
 141 31.8 31.0 46.6



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

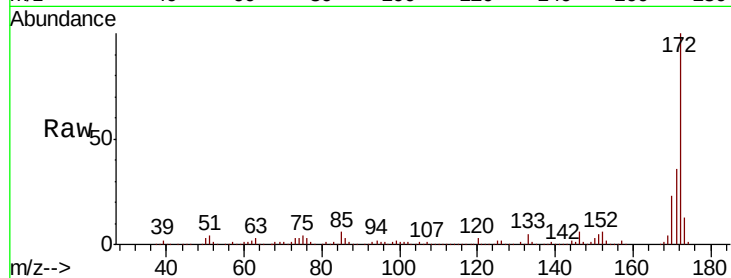




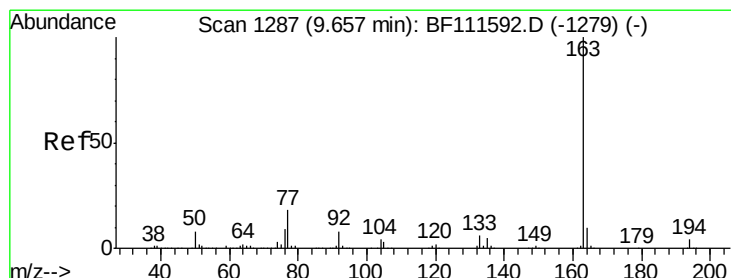
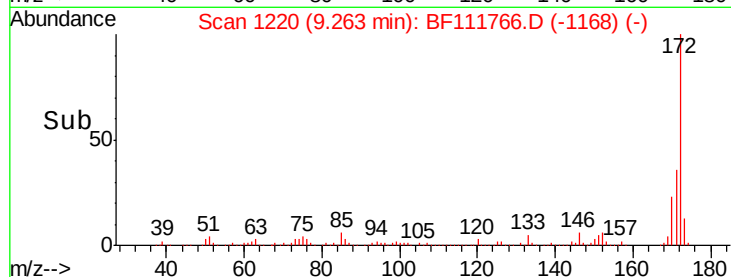
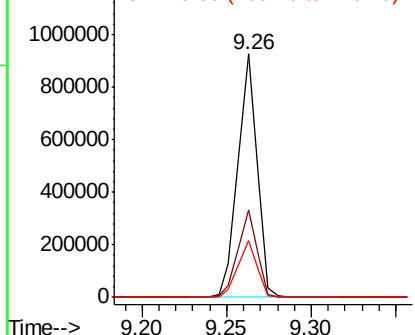
#45
2-Fluorobiphenyl
Concen: 62.817 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111766.D
Acq: 27 Dec 2018 16:57

Instrument :
BNA_F
ClientSampleId :
P001-SS023-0006-01

Tot Ion:172 Resp: 730180
Ion Ratio Lower Upper
172 100
171 36.1 33.0 49.4
170 23.5 22.3 33.5

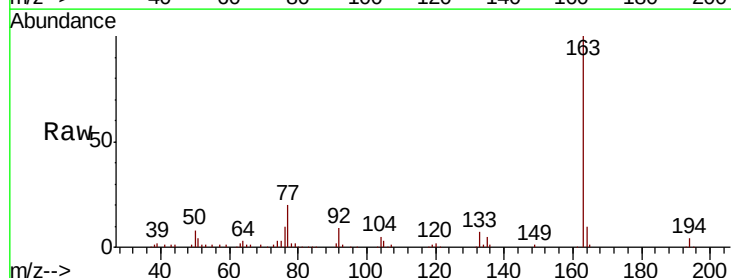


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

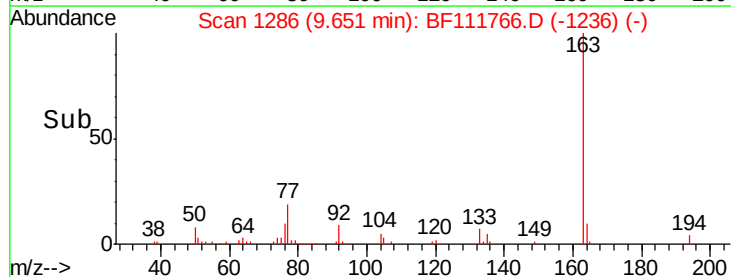
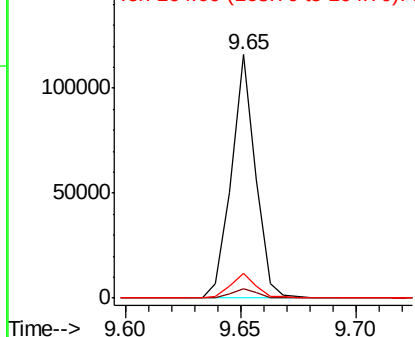


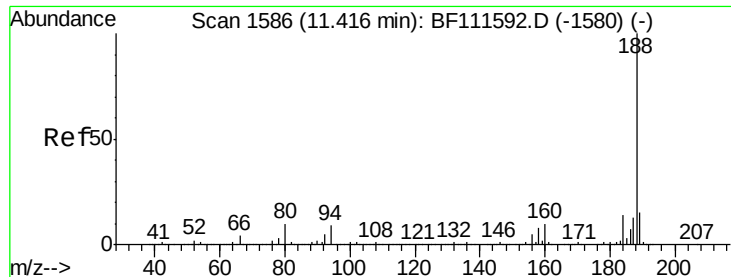
#50
Dimethylphthalate
Concen: 6.819 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF111766.D
Acq: 27 Dec 2018 16:57

Tgt Ion:163 Resp: 84487
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.0 8.9 13.3



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

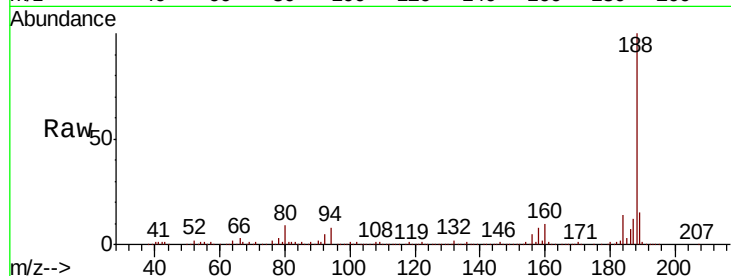




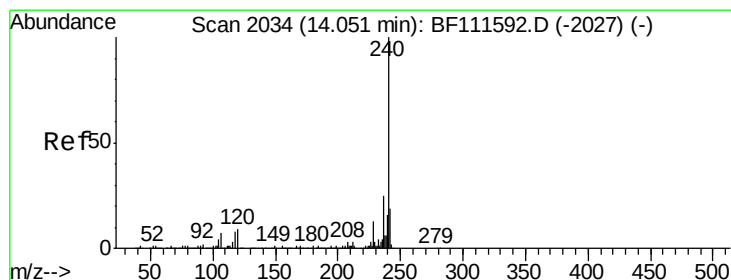
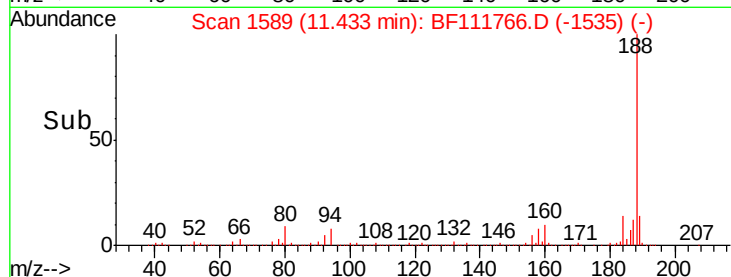
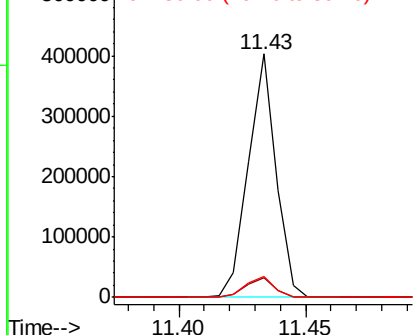
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.02 min
Lab File: BF111766.D
Acq: 27 Dec 2018 16:57

Instrument :
BNA_F
ClientSampleId :
P001-SS023-0006-01

Tot Ion:188 Resp: 307135
Ion Ratio Lower Upper
188 100
94 7.8 9.6 14.4#
80 8.8 9.8 14.6#

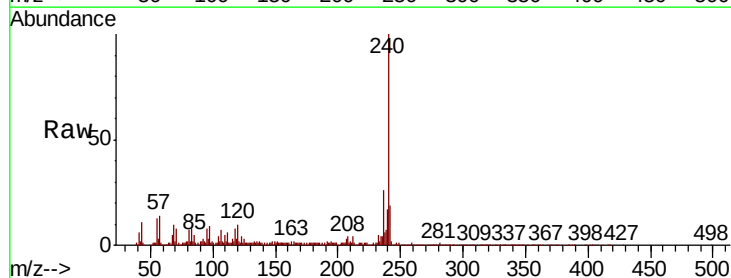


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

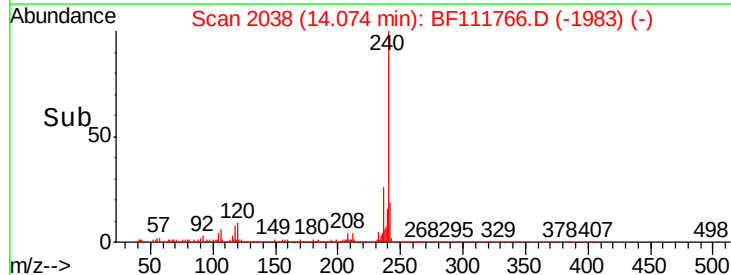
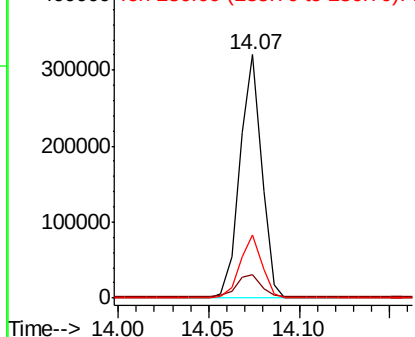


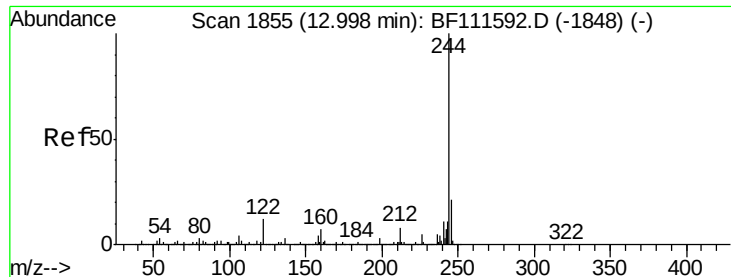
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.02 min
Lab File: BF111766.D
Acq: 27 Dec 2018 16:57

Tgt Ion:240 Resp: 266632
Ion Ratio Lower Upper
240 100
120 9.5 12.2 18.2#
236 25.8 20.2 30.2



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





#79

Terphenyl-d14

Concen: 51.012 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BF111766.D

Acq: 27 Dec 2018 16:57

Instrument :

BNA_F

ClientSampleId :

P001-SS023-0006-01

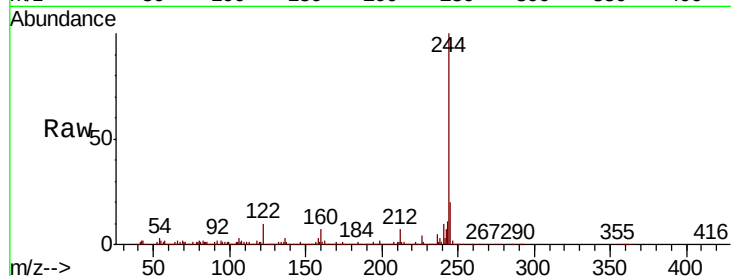
Tot Ion:244 Resp: 717224

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

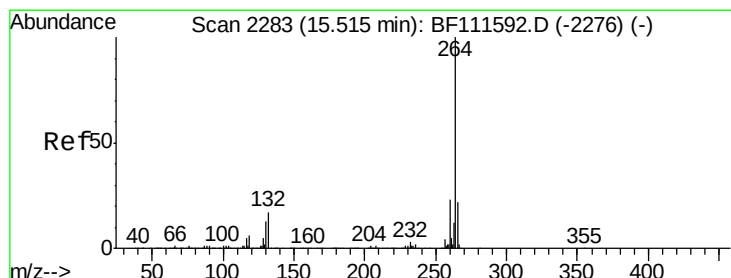
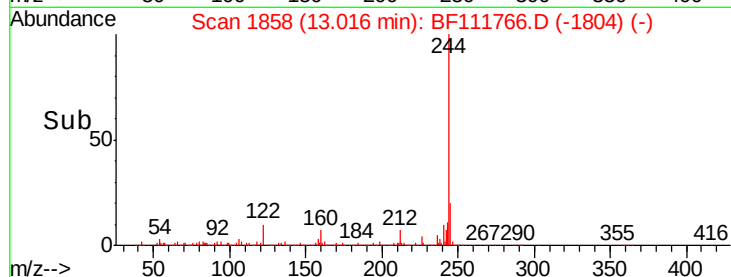
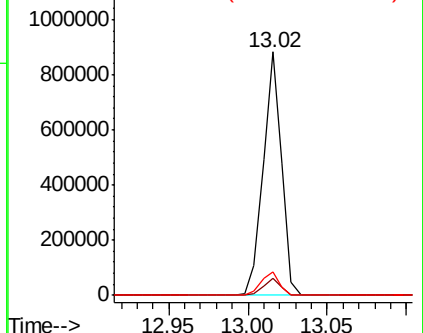
122 9.7 13.1 19.7#



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: 15.57 min Scan# 2292

Delta R.T. 0.05 min

Lab File: BF111766.D

Acq: 27 Dec 2018 16:57

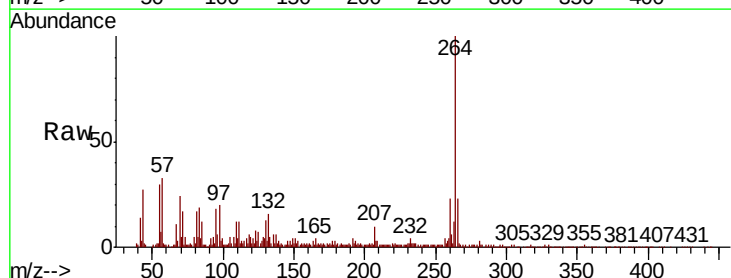
Tgt Ion:264 Resp: 192066

Ion Ratio Lower Upper

264 100

260 23.5 18.3 27.5

265 22.9 17.7 26.5



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

