

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
 Data File : BM018310.D
 Acq On : 19 Dec 2018 23:25
 Operator : JU/SJ
 Sample : J6378-23
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS002-0612-01

Quant Time: Dec 20 02:49:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

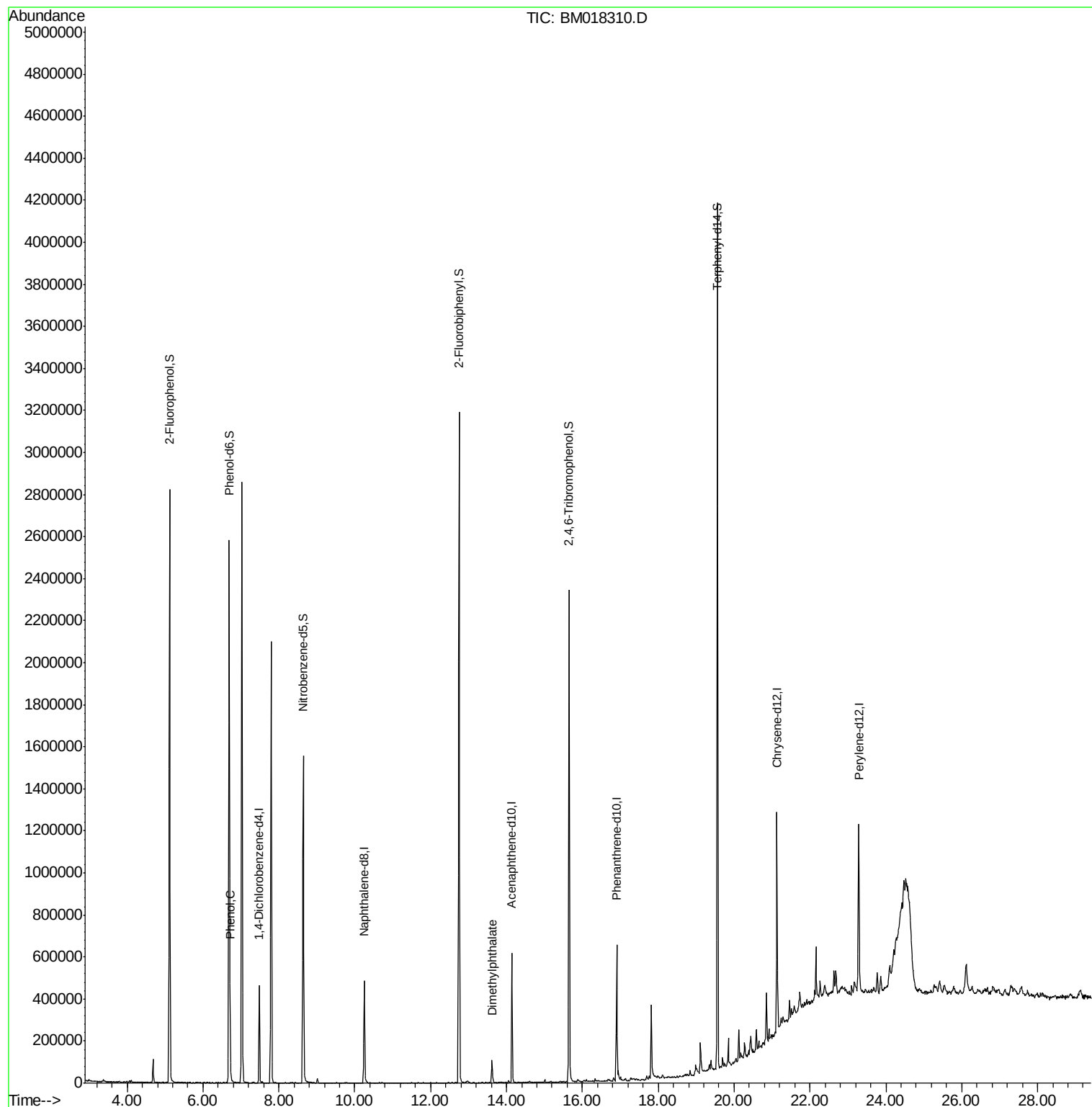
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	115674	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	414117	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	201653	20.00	ng	-0.02
64) Phenanthrene-d10	16.90	188	384717	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	450931	20.00	ng	-0.02
87) Perylene-d12	23.29	264	535090	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1071806	154.78	ng	0.00
7) Phenol-d6	6.69	99	1418038	147.33	ng	-0.01
23) Nitrobenzene-d5	8.65	82	921985	114.20	ng	-0.02
42) 2,4,6-Tribromophenol	15.65	330	396928	134.11	ng	-0.02
45) 2-Fluorobiphenyl	12.75	172	1580961	101.55	ng	-0.02
79) Terphenyl-d14	19.56	244	1743959	87.47	ng	-0.01
Target Compounds						
10) Phenol	6.72	94	89009	8.732	ng	94
50) Dimethylphthalate	13.62	163	76942	4.589	ng	97

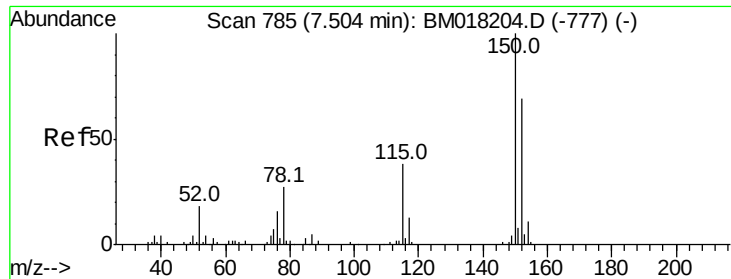
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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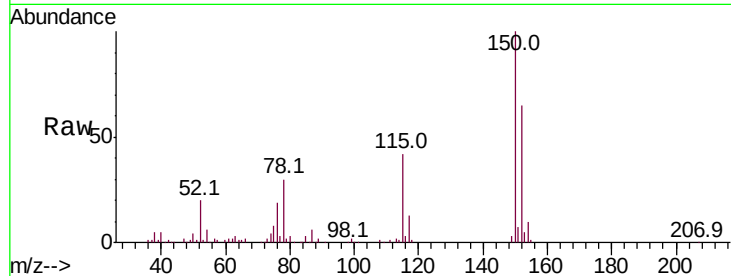


#1

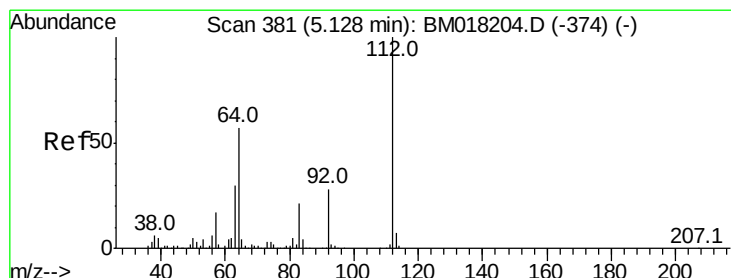
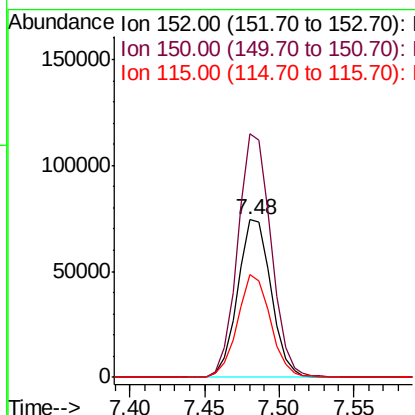
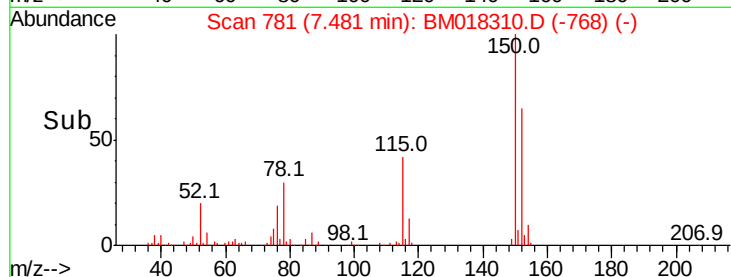
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018310.D
Acq: 19 Dec 2018 23:25

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0612-01

Tot Ion:152 Resp: 115674
Ion Ratio Lower Upper
152 100
150 154.5 116.1 174.1
115 64.8 44.6 67.0



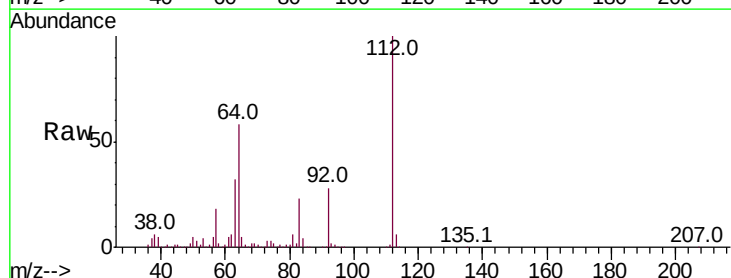
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



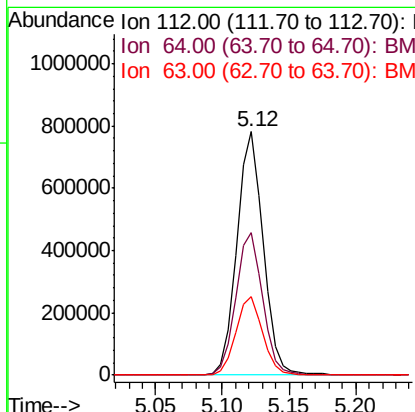
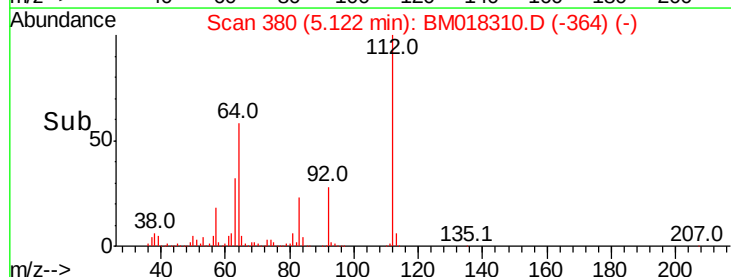
#5

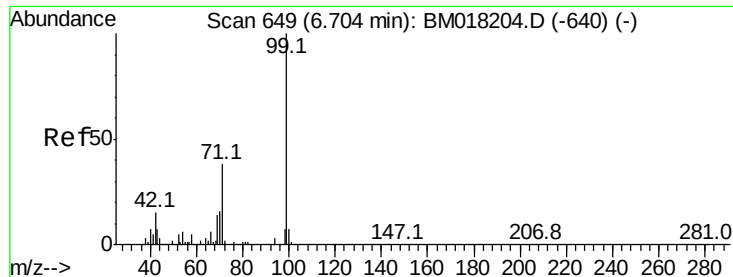
2-Fluorophenol
Concen: 154.783 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018310.D
Acq: 19 Dec 2018 23:25

Tgt Ion:112 Resp: 1071806
Ion Ratio Lower Upper
112 100
64 58.4 45.4 68.2
63 32.3 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 147.335 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018310.D

Acq: 19 Dec 2018 23:25

Instrument :

BNA_M

ClientSampleId :

P001-SS002-0612-01

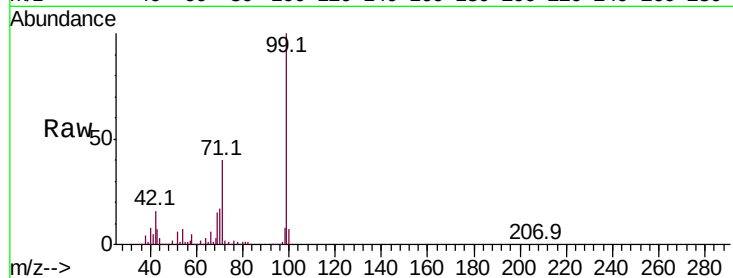
Tot Ion: 99 Resp: 1418038

Ion Ratio Lower Upper

99 100

42 16.4 12.3 18.5

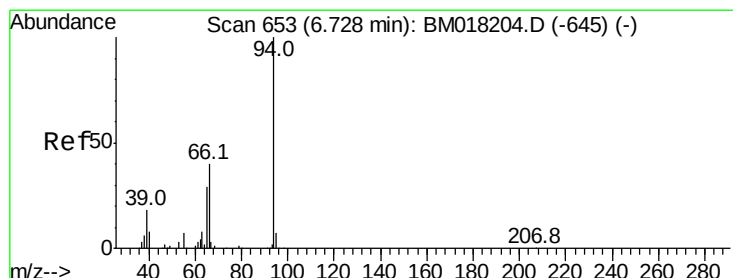
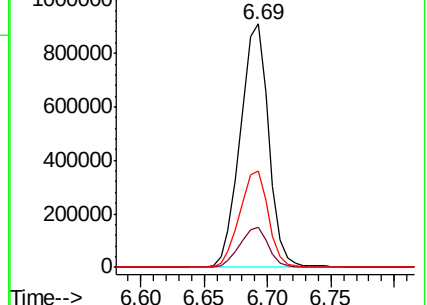
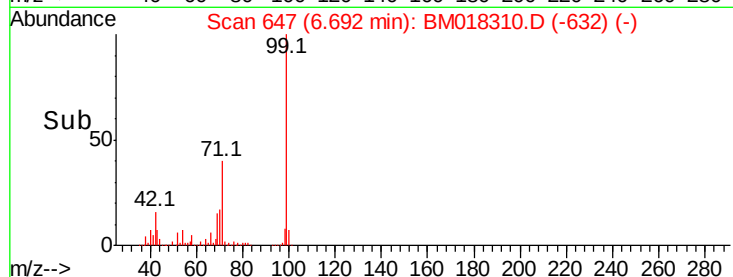
71 39.6 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018310.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018310.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018310.D (-632) (-)



#10

Phenol

Concen: 8.732 ng

RT: 6.72 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM018310.D

Acq: 19 Dec 2018 23:25

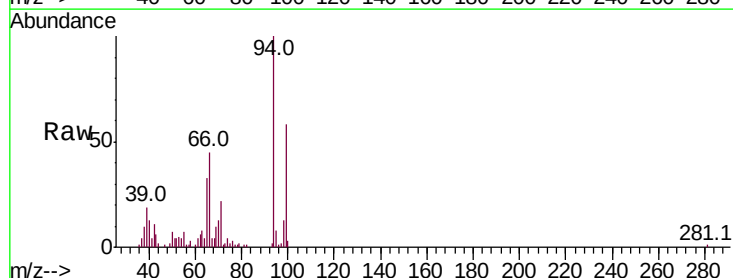
Tgt Ion: 94 Resp: 89009

Ion Ratio Lower Upper

94 100

65 32.5 9.5 49.5

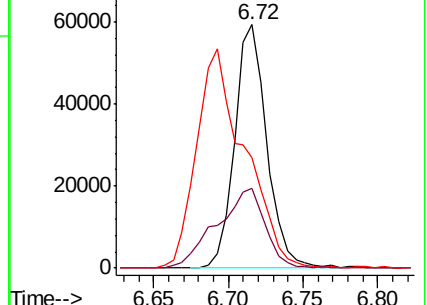
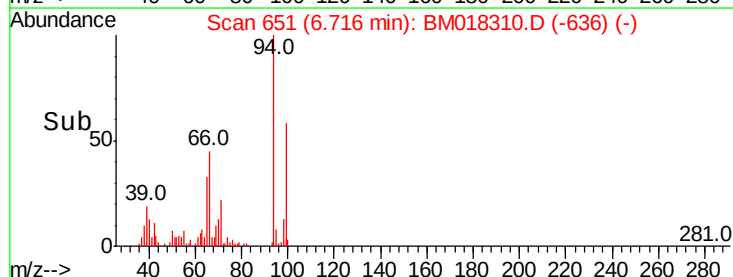
66 45.4 21.3 61.3

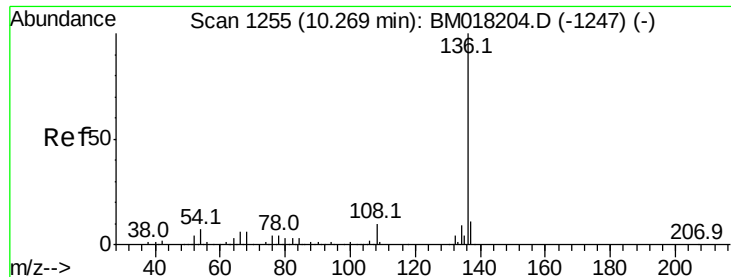


Abundance Ion 94.00 (93.70 to 94.70): BM018310.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018310.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018310.D (-636) (-)

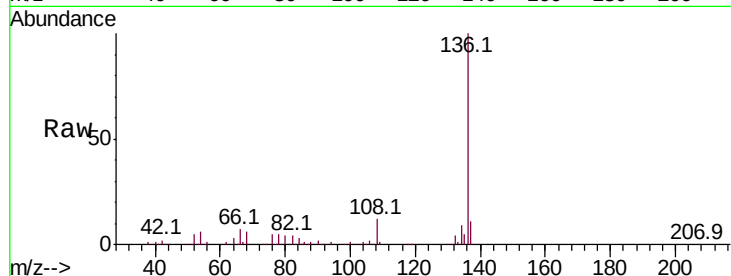




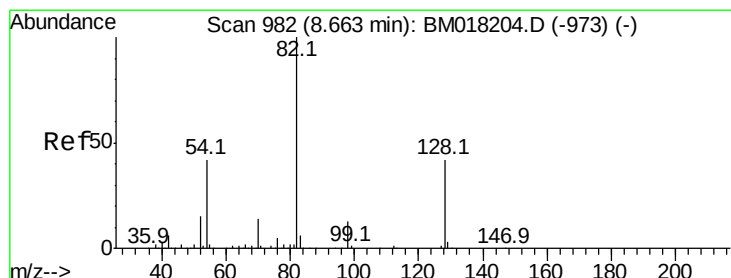
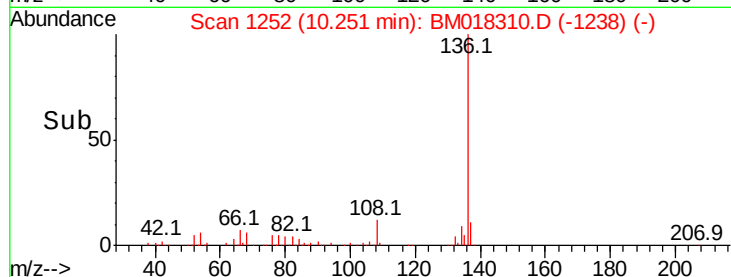
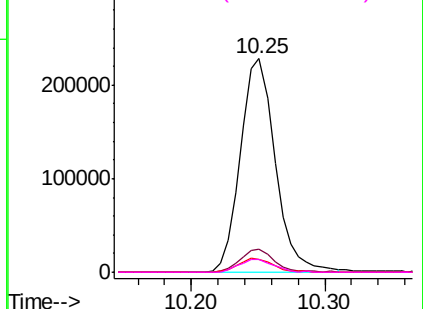
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018310.D
Acq: 19 Dec 2018 23:25

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0612-01

Tot Ion:136	Resp:	414117
Ion Ratio	Lower	Upper
136 100		
137 10.8	9.2	13.8
54 6.2	5.2	7.8
68 6.2	5.0	7.6

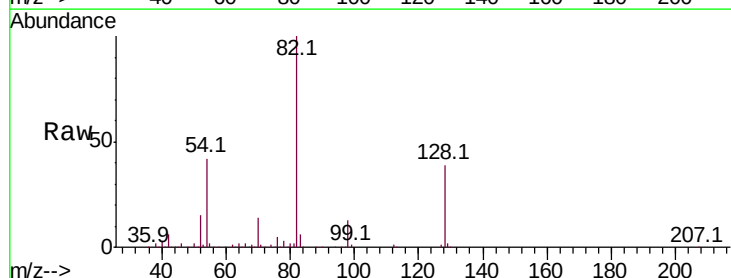


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

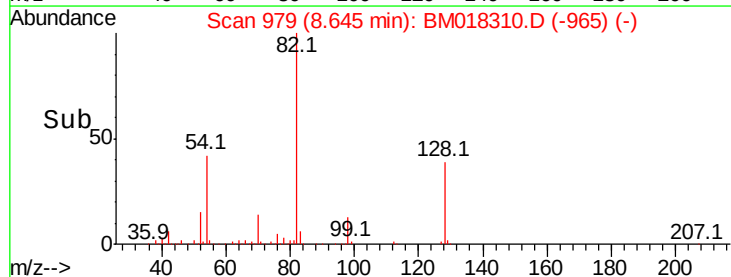
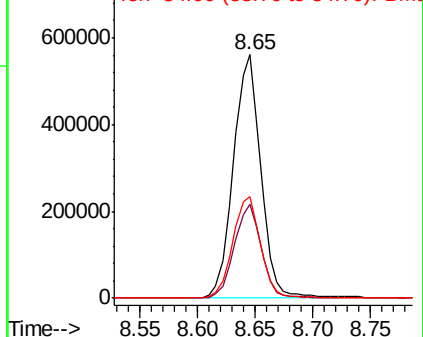


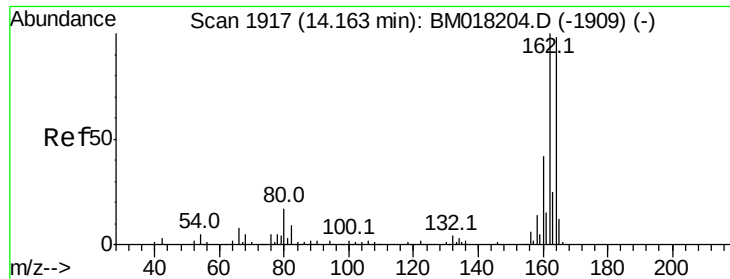
#23
Nitrobenzene-d5
Concen: 114.199 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018310.D
Acq: 19 Dec 2018 23:25

Tgt Ion: 82	Resp: 921985
Ion Ratio	Lower Upper
82 100	
128 38.7	33.4 50.2
54 41.7	33.4 50.2



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.14 min Scan# 1914

Delta R.T. -0.02 min

Lab File: BM018310.D

Acq: 19 Dec 2018 23:25

Instrument :

BNA_M

ClientSampleId :

P001-SS002-0612-01

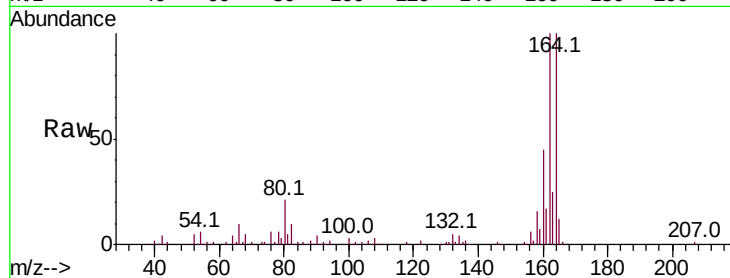
Tot Ion:164 Resp: 201653

Ion Ratio Lower Upper

164 100

162 100.1 81.8 122.6

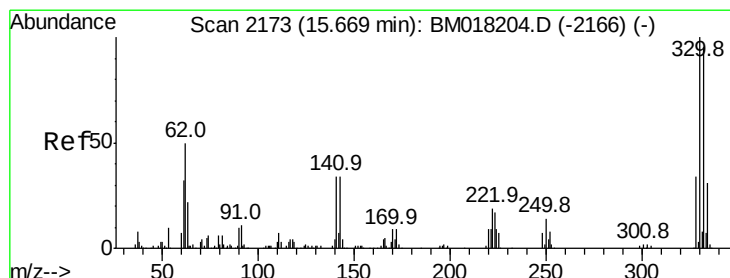
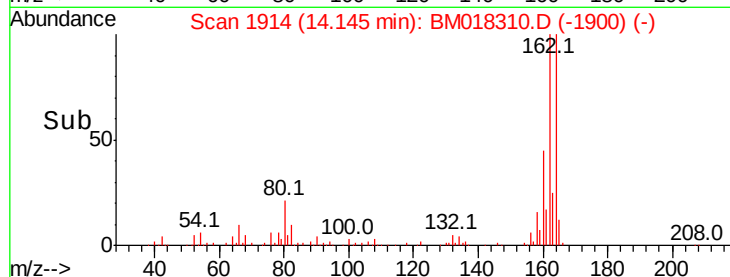
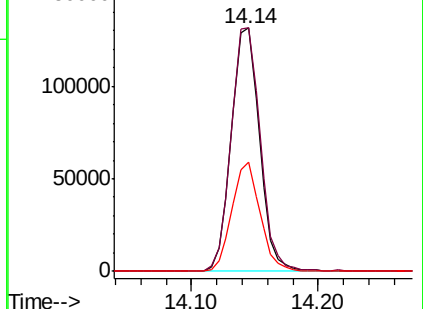
160 44.8 34.6 51.8



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: 134.111 ng

RT: 15.65 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BM018310.D

Acq: 19 Dec 2018 23:25

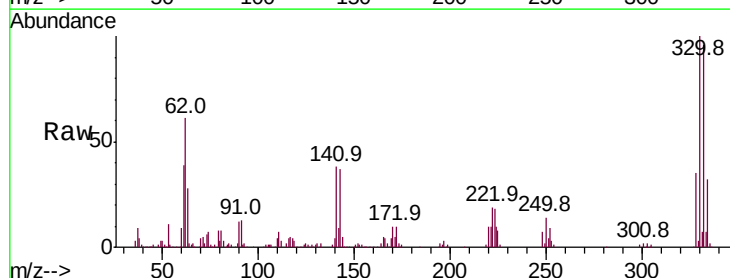
Tgt Ion:330 Resp: 396928

Ion Ratio Lower Upper

330 100

332 96.4 78.6 118.0

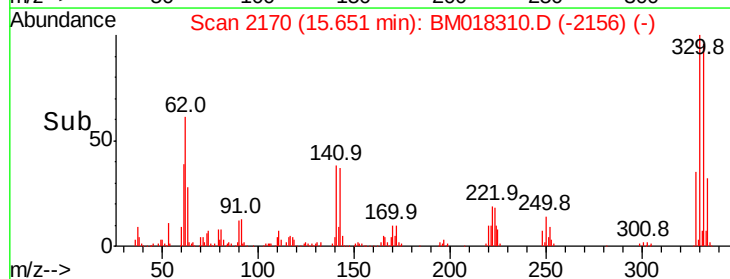
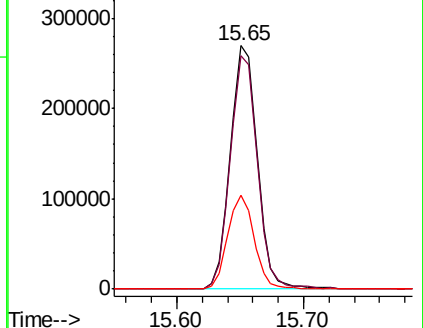
141 38.1 27.1 40.7

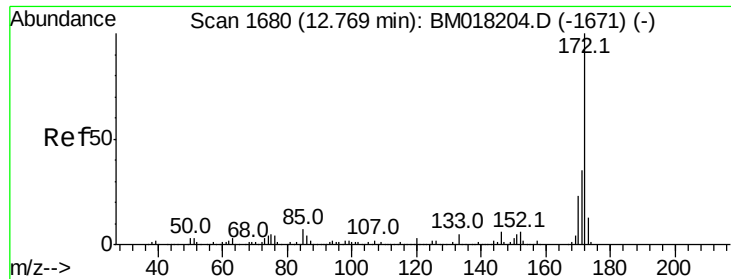


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

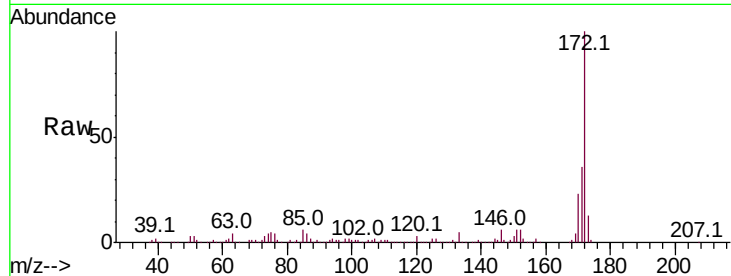




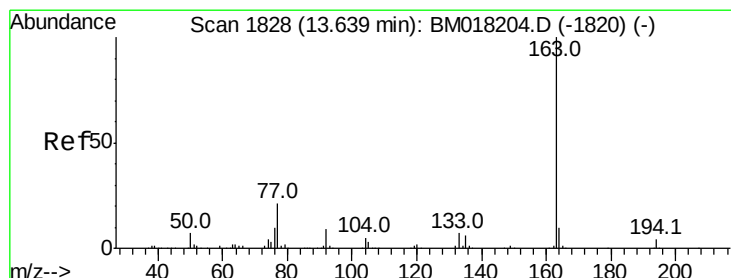
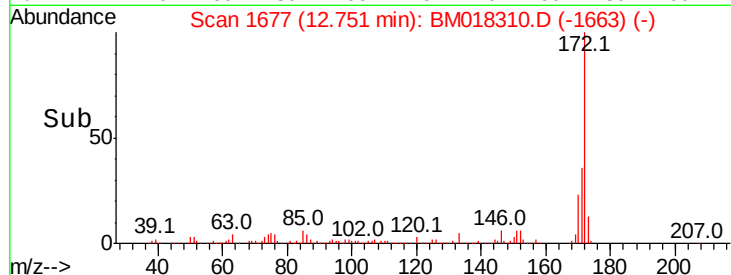
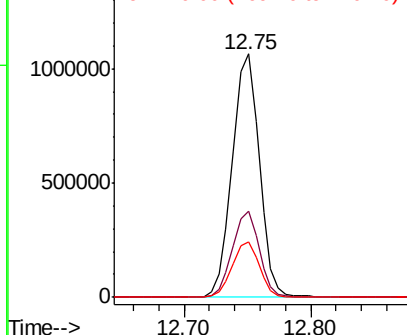
#45
2-Fluorobiphenyl
Concen: 101.547 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018310.D
Acq: 19 Dec 2018 23:25

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0612-01

Tot Ion:172 Resp: 1580961
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 22.5 18.1 27.1

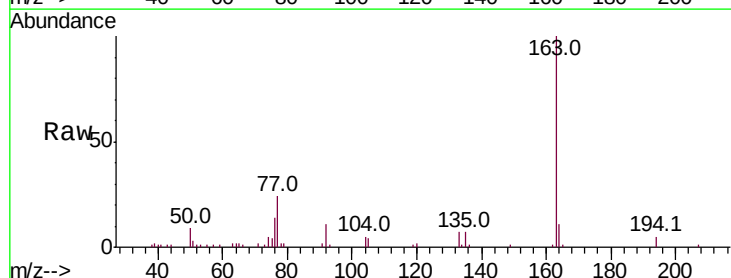


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

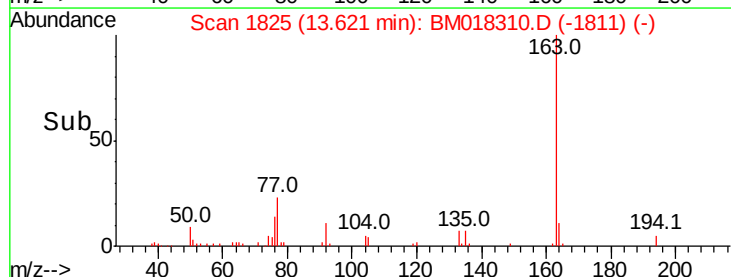
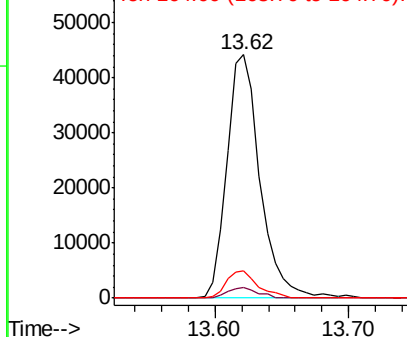


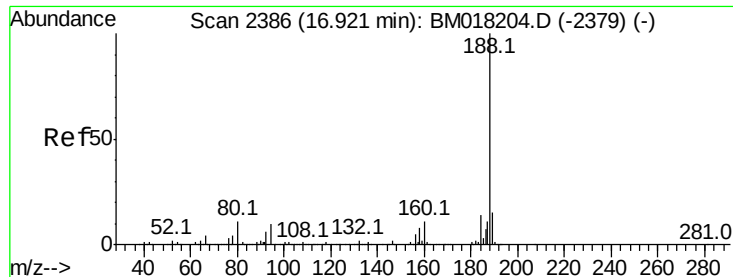
#50
Dimethylphthalate
Concen: 4.589 ng
RT: 13.62 min Scan# 1825
Delta R.T. -0.02 min
Lab File: BM018310.D
Acq: 19 Dec 2018 23:25

Tgt Ion:163 Resp: 76942
Ion Ratio Lower Upper
163 100
194 4.6 3.1 4.7
164 11.2 7.9 11.9



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

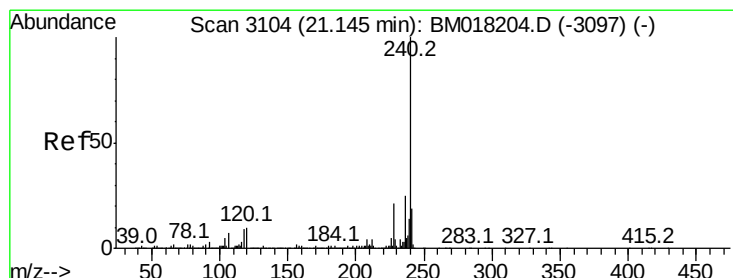
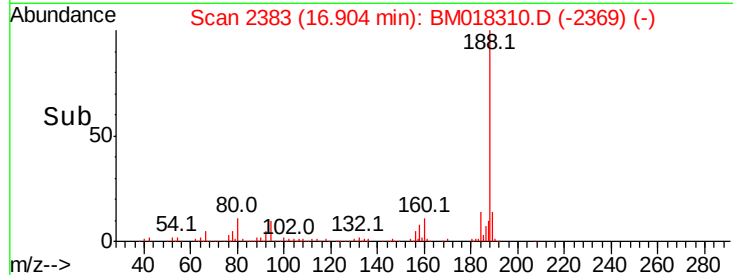
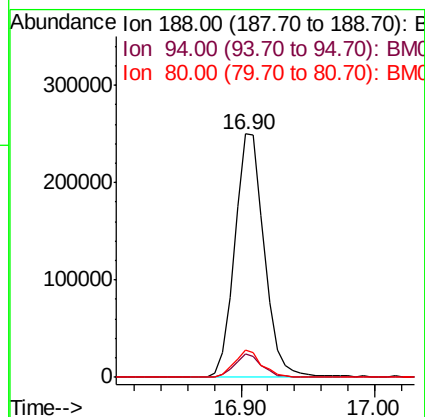
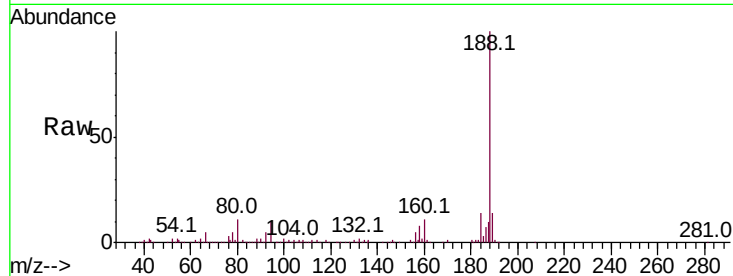




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.90 min Scan# 2383
Delta R.T. -0.02 min
Lab File: BM018310.D
Acq: 19 Dec 2018 23:25

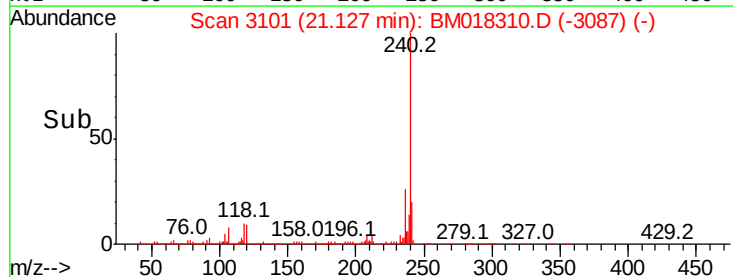
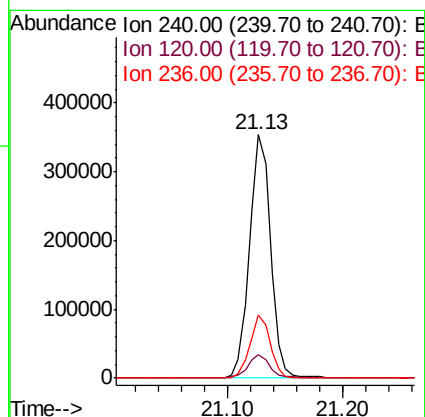
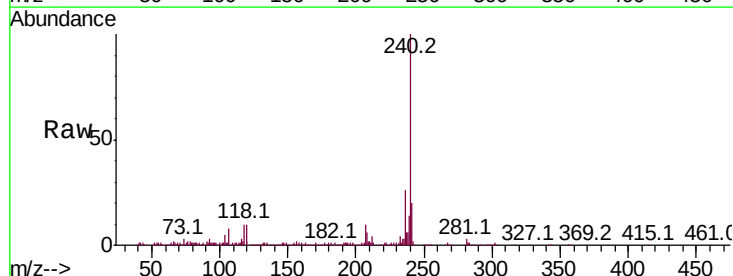
Instrument :
BNA_M
ClientSampleId :
P001-SS002-0612-01

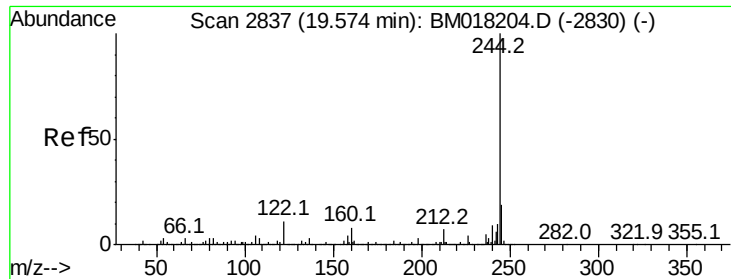
Tot Ion:188 Resp: 384717
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 11.1 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018310.D
Acq: 19 Dec 2018 23:25

Tgt Ion:240 Resp: 450931
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.2
236 25.7 20.3 30.5





#79

Terphenyl-d14

Concen: 87.468 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018310.D

Acq: 19 Dec 2018 23:25

Instrument :

BNA_M

ClientSampleId :

P001-SS002-0612-01

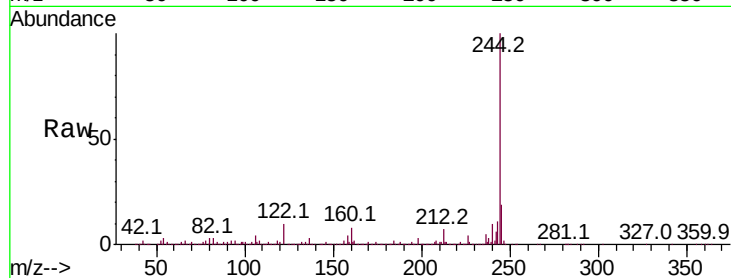
Tot Ion:244 Resp: 1743959

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

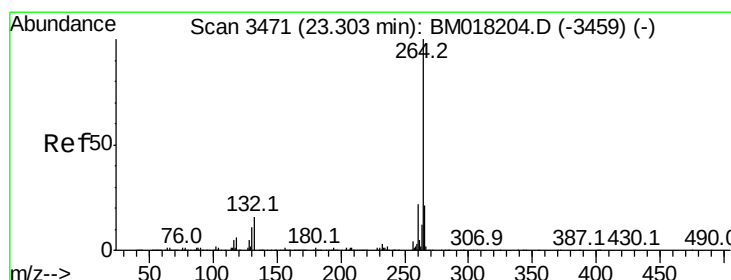
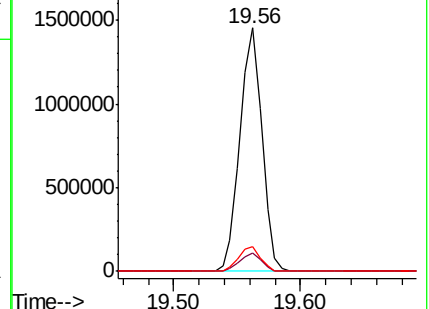
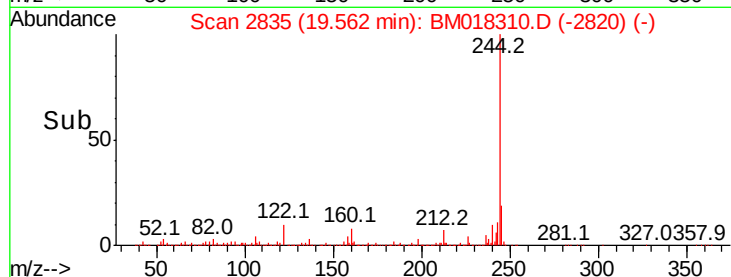
122 10.2 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

2000000 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: 23.29 min Scan# 3468

Delta R.T. -0.02 min

Lab File: BM018310.D

Acq: 19 Dec 2018 23:25

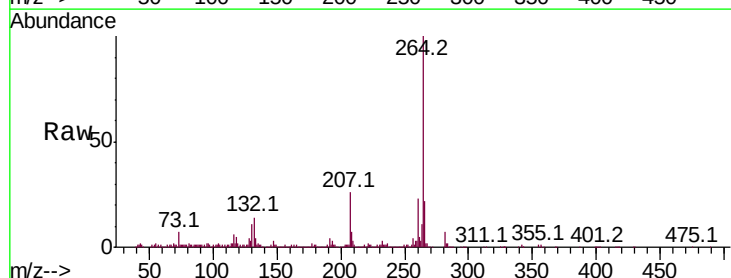
Tgt Ion:264 Resp: 535090

Ion Ratio Lower Upper

264 100

260 22.8 17.5 26.3

265 22.1 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

400000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

