

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121818\
 Data File : BM018284.D
 Acq On : 18 Dec 2018 23:00
 Operator : JU/SJ
 Sample : J6389-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS014-1824-01

Quant Time: Dec 19 03:32:27 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

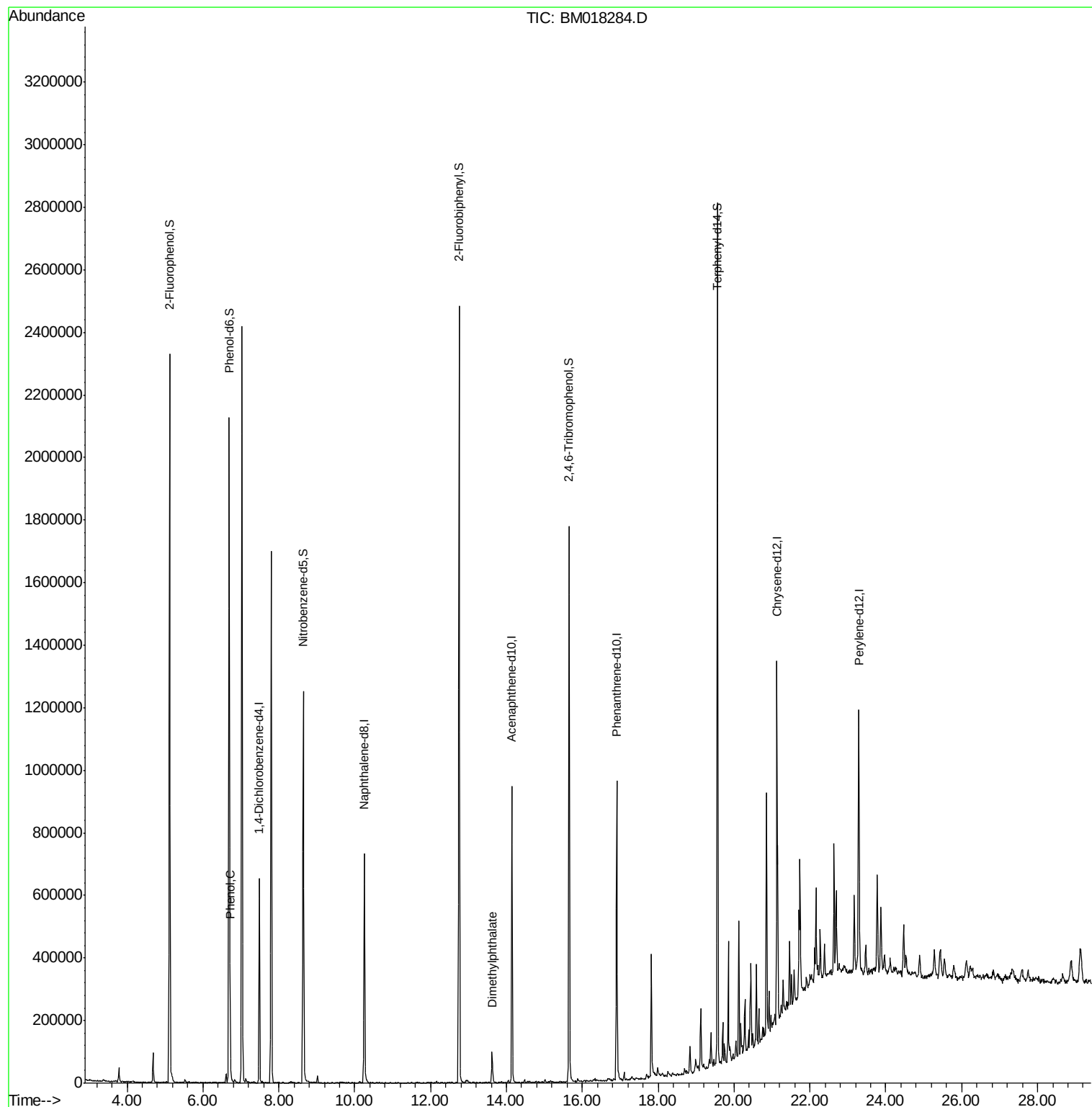
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	158199	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	597474	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	296760	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	534110	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	501803	20.00	ng	-0.02
87) Perylene-d12	23.29	264	566063	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	891832	94.17	ng	0.00
7) Phenol-d6	6.69	99	1193198	90.65	ng	-0.01
23) Nitrobenzene-d5	8.65	82	749003	64.30	ng	-0.02
42) 2,4,6-Tribromophenol	15.65	330	307452	70.59	ng	-0.02
45) 2-Fluorobiphenyl	12.75	172	1217583	53.14	ng	-0.02
79) Terphenyl-d14	19.56	244	1153719	52.00	ng	-0.01
Target Compounds						
10) Phenol	6.72	94	73495	5.272	ng	92
50) Dimethylphthalate	13.62	163	66005	2.675	ng	98

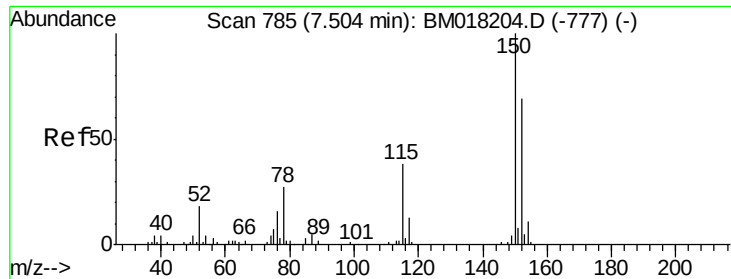
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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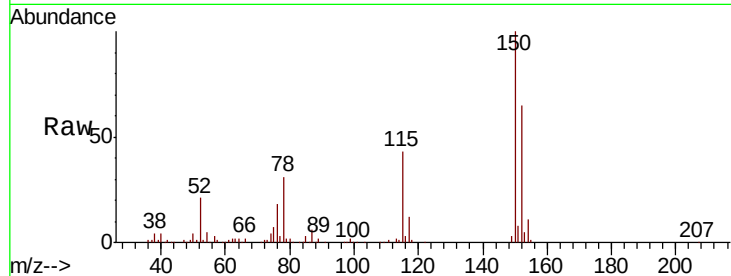


#1

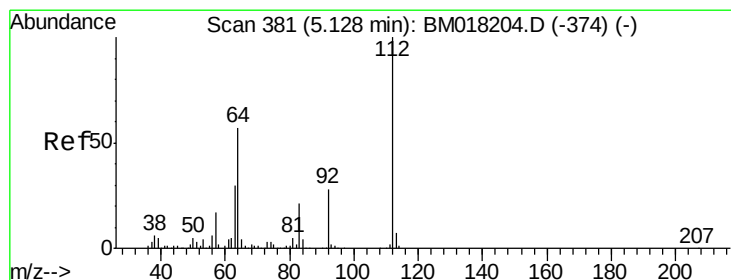
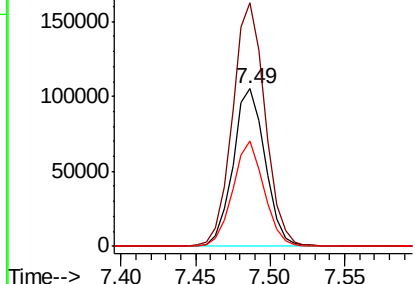
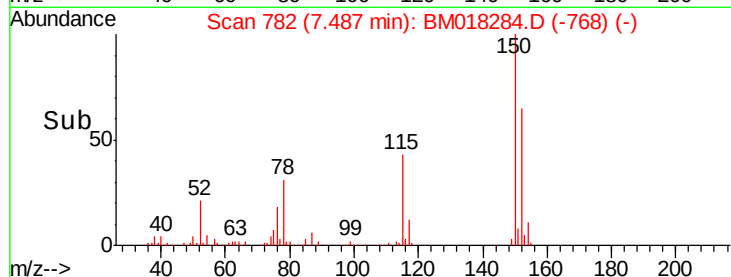
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018284.D
Acq: 18 Dec 2018 23:00

Instrument :
BNA_M
ClientSampleId :
P001-SS014-1824-01

Tot Ion:152 Resp: 158199
Ion Ratio Lower Upper
152 100
150 154.7 116.1 174.1
115 66.7 44.6 67.0



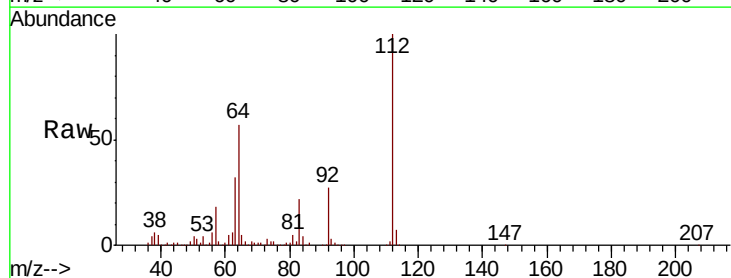
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



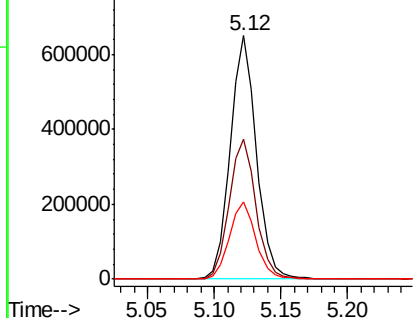
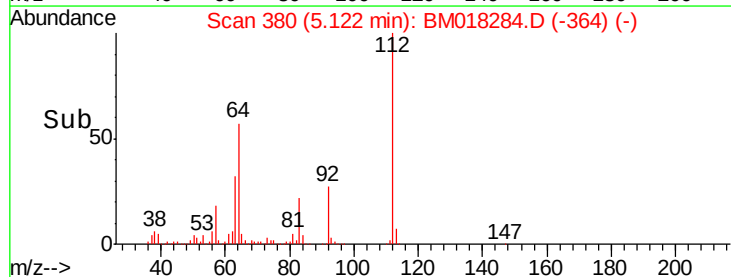
#5

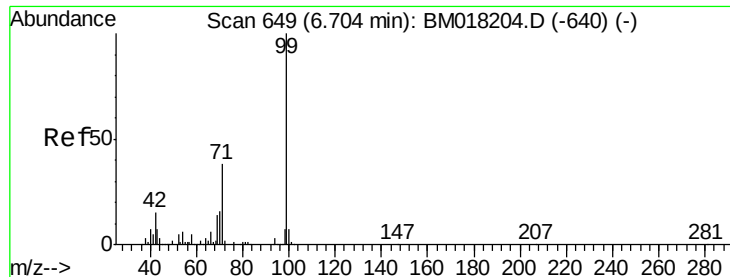
2-Fluorophenol
Concen: 94.172 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018284.D
Acq: 18 Dec 2018 23:00

Tgt Ion:112 Resp: 891832
Ion Ratio Lower Upper
112 100
64 57.4 45.4 68.2
63 32.0 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: 90.649 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018284.D

Acq: 18 Dec 2018 23:00

Instrument :

BNA_M

ClientSampleId :

P001-SS014-1824-01

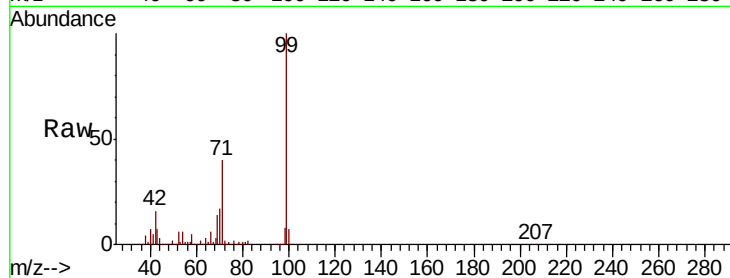
Tot Ion: 99 Resp: 1193198

Ion Ratio Lower Upper

99 100

42 15.7 12.3 18.5

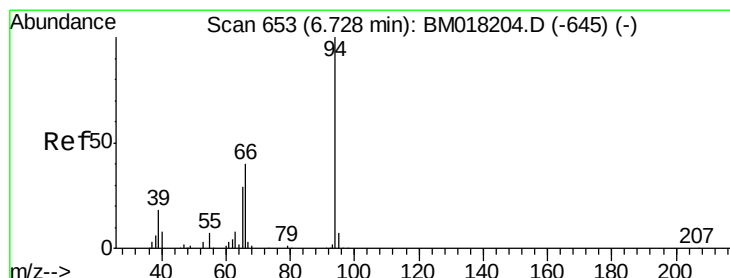
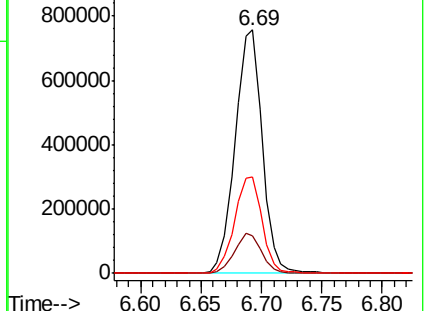
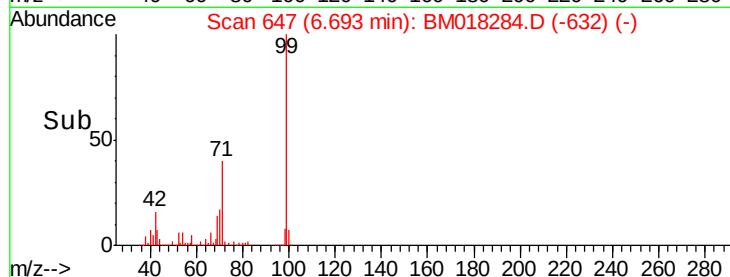
71 39.6 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018284.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018284.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018284.D (-632) (-)



#10

Phenol

Concen: 5.272 ng

RT: 6.72 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM018284.D

Acq: 18 Dec 2018 23:00

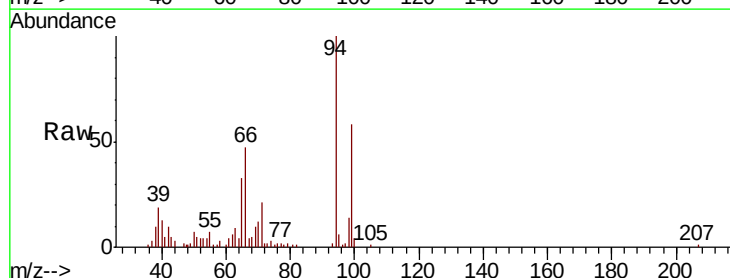
Tgt Ion: 94 Resp: 73495

Ion Ratio Lower Upper

94 100

65 32.8 9.5 49.5

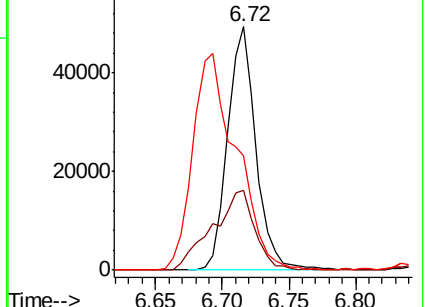
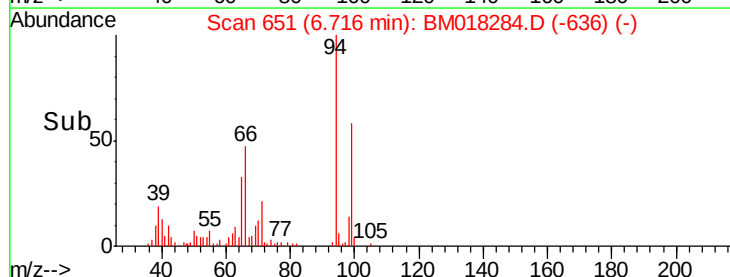
66 46.9 21.3 61.3

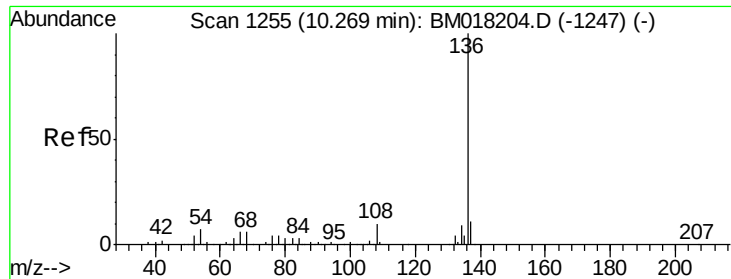


Abundance Ion 94.00 (93.70 to 94.70): BM018284.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018284.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018284.D (-636) (-)

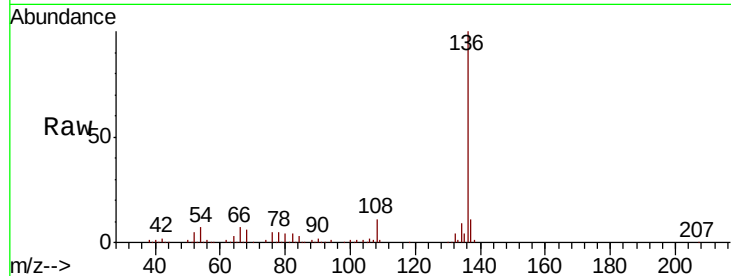




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018284.D
Acq: 18 Dec 2018 23:00

Instrument :
BNA_M
ClientSampleId :
P001-SS014-1824-01

Tot Ion:136	Resp:	597474	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	9.2	13.8	
54 7.0	5.2	7.8	
68 6.4	5.0	7.6	



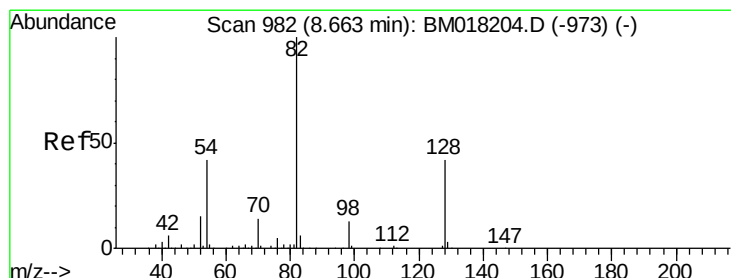
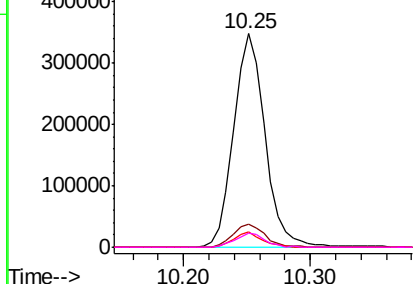
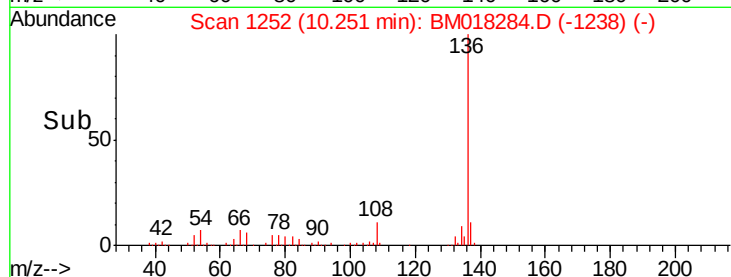
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

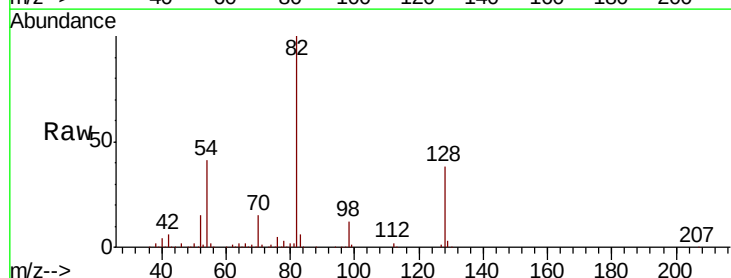
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23
Nitrobenzene-d5
Concen: 64.302 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018284.D
Acq: 18 Dec 2018 23:00

Tgt Ion: 82	Resp: 749003
Ion Ratio	Lower Upper
82 100	
128 37.6	33.4 50.2
54 41.3	33.4 50.2

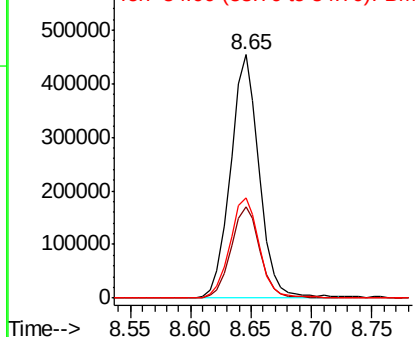
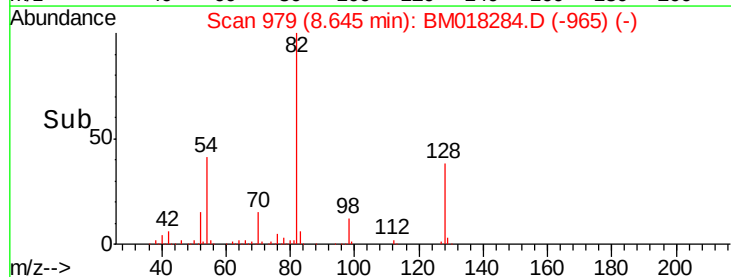


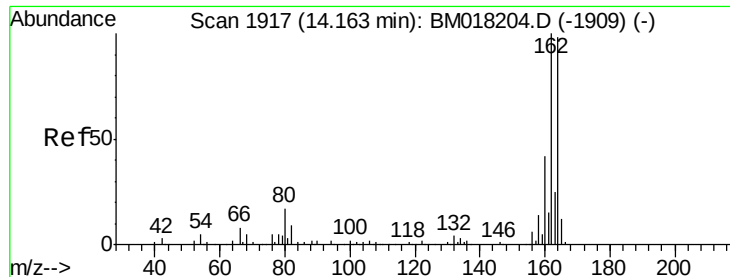
Abundance

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: 14.15 min Scan# 1914

Delta R.T. -0.02 min

Lab File: BM018284.D

Acq: 18 Dec 2018 23:00

Instrument :

BNA_M

ClientSampleId :

P001-SS014-1824-01

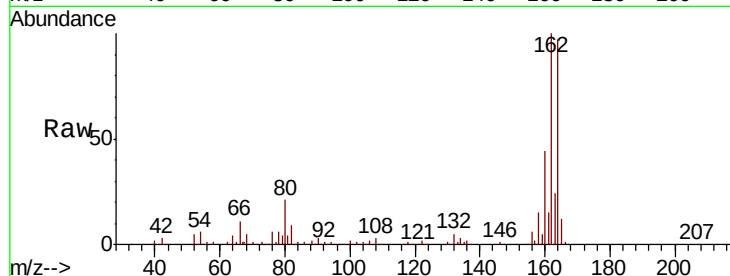
Tot Ion:164 Resp: 296760

Ion Ratio Lower Upper

164 100

162 103.1 81.8 122.6

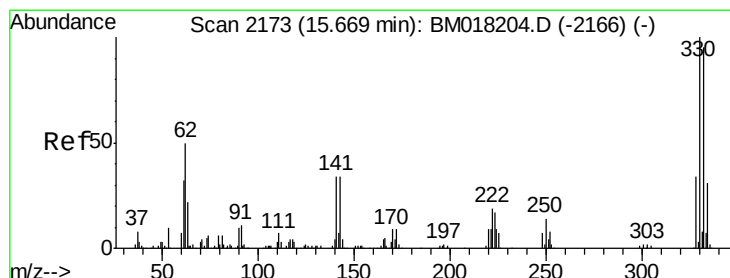
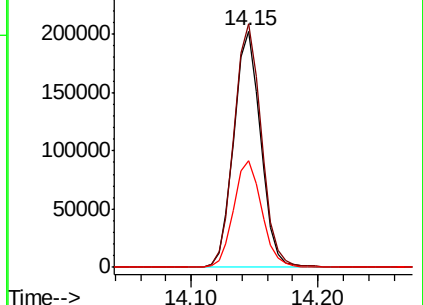
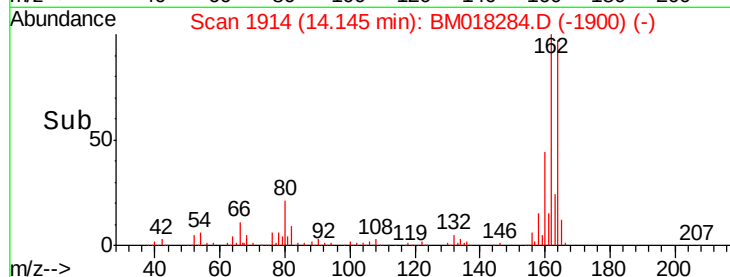
160 45.0 34.6 51.8



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: 70.588 ng

RT: 15.65 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BM018284.D

Acq: 18 Dec 2018 23:00

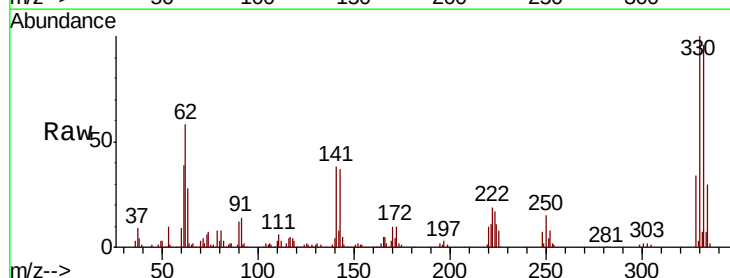
Tgt Ion:330 Resp: 307452

Ion Ratio Lower Upper

330 100

332 95.0 78.6 118.0

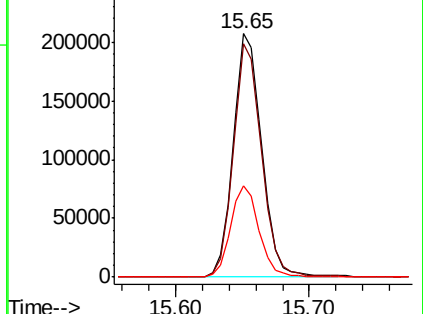
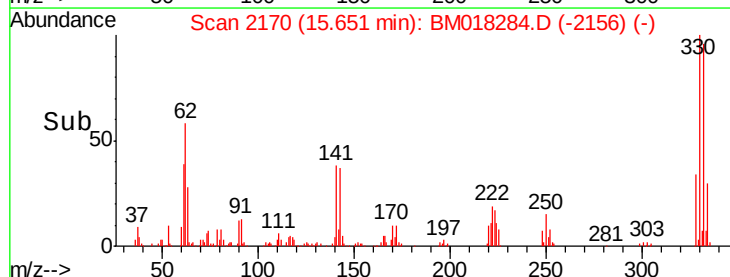
141 37.5 27.1 40.7

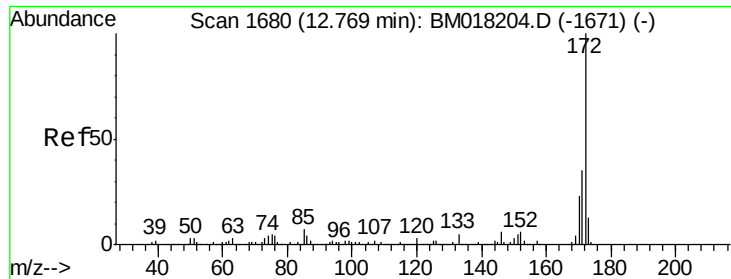


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



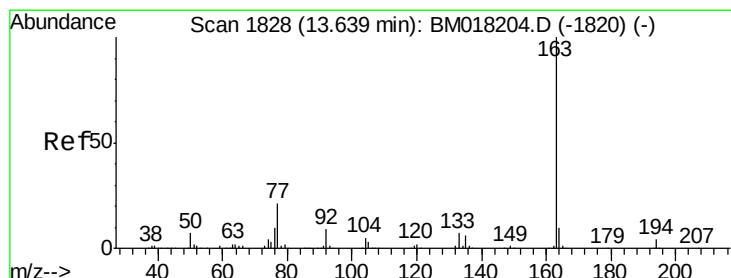
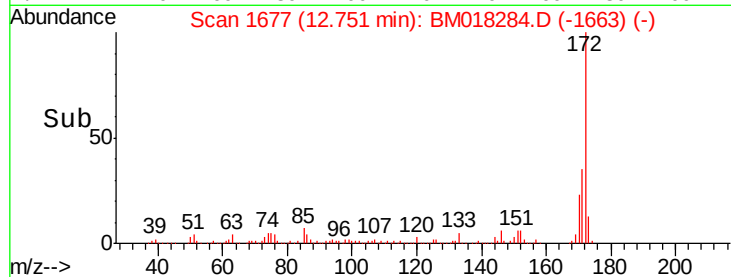
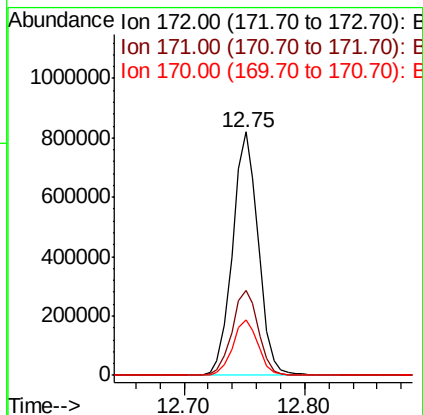
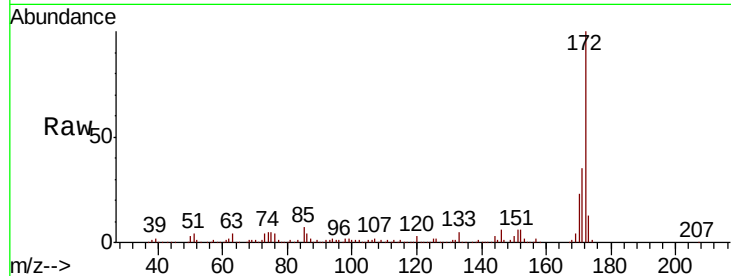


#45
 2-Fluorobiphenyl
 Concen: 53.143 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018284.D
 Acq: 18 Dec 2018 23:00

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS014-1824-01

Tot Ion:172 Resp: 1217583

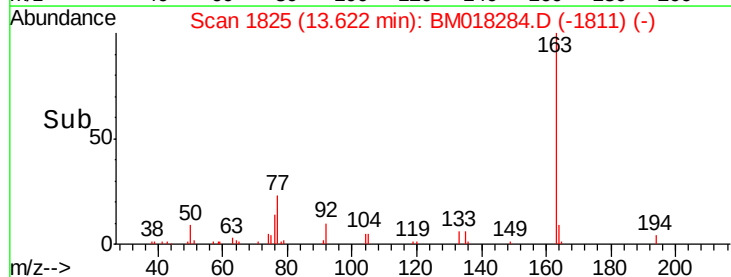
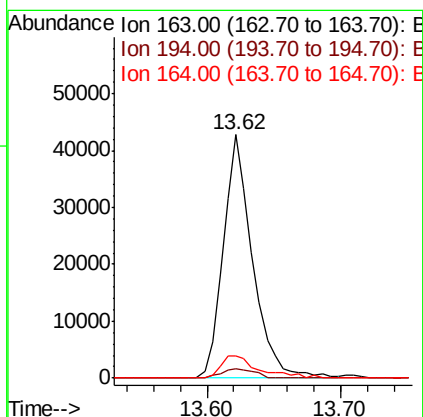
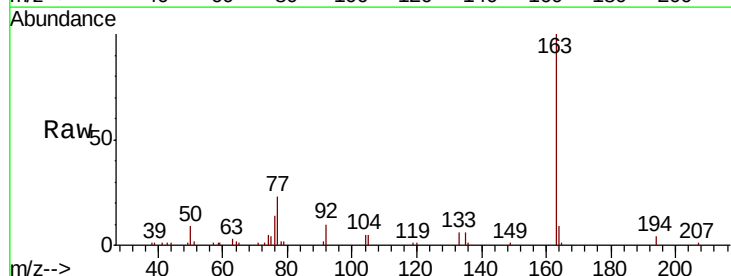
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	22.6	18.1	27.1

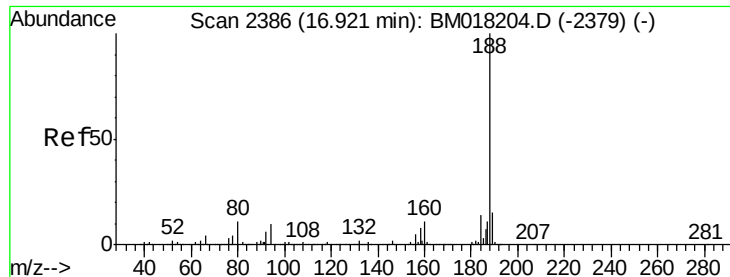


#50
 Dimethylphthalate
 Concen: 2.675 ng
 RT: 13.62 min Scan# 1825
 Delta R.T. -0.02 min
 Lab File: BM018284.D
 Acq: 18 Dec 2018 23:00

Tgt Ion:163 Resp: 66005

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	9.1	7.9	11.9

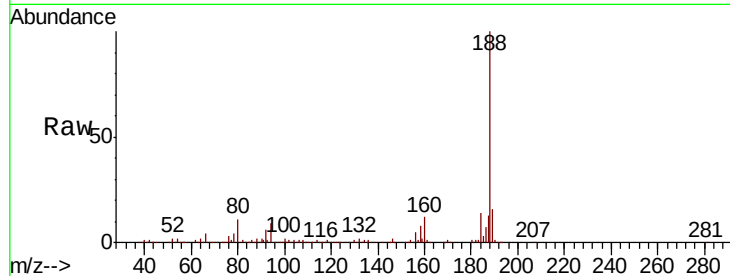




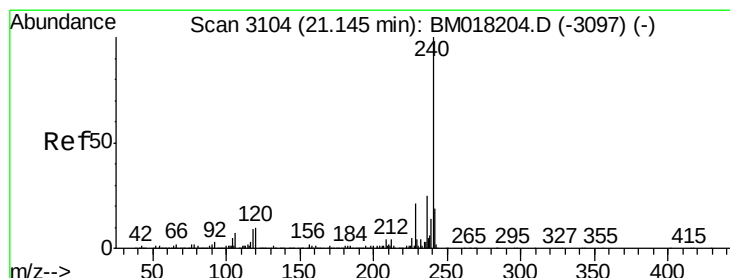
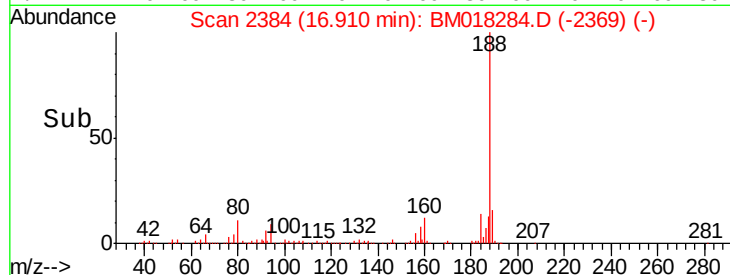
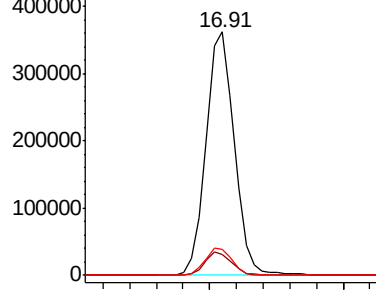
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018284.D
Acq: 18 Dec 2018 23:00

Instrument :
BNA_M
ClientSampleId :
P001-SS014-1824-01

Tot Ion:188 Resp: 534110
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 10.6 9.0 13.6

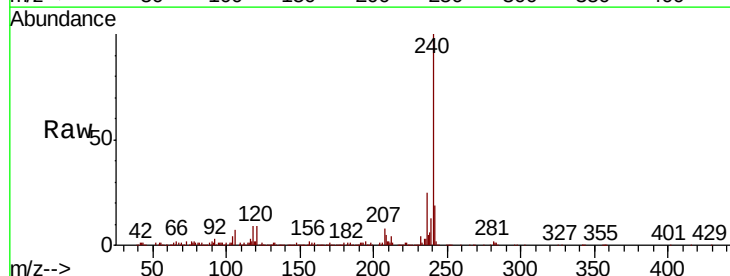


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

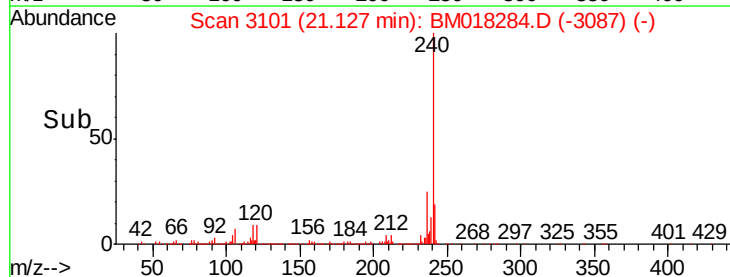
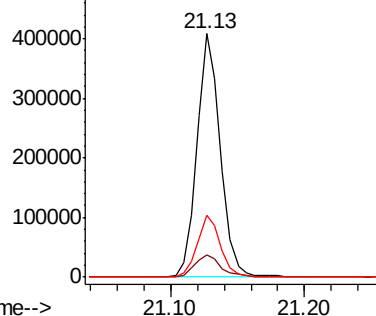


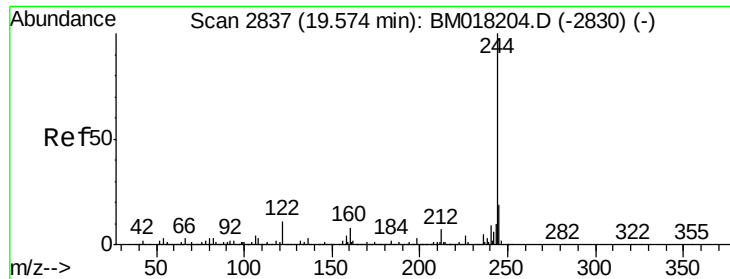
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018284.D
Acq: 18 Dec 2018 23:00

Tgt Ion:240 Resp: 501803
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.2
236 25.4 20.3 30.5



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: 51.999 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018284.D

Acq: 18 Dec 2018 23:00

Instrument :

BNA_M

ClientSampleId :

P001-SS014-1824-01

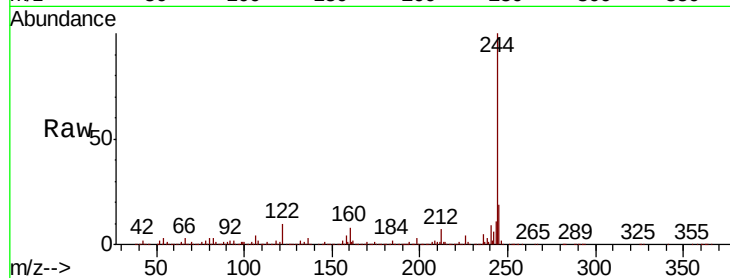
Tot Ion:244 Resp: 1153719

Ion Ratio Lower Upper

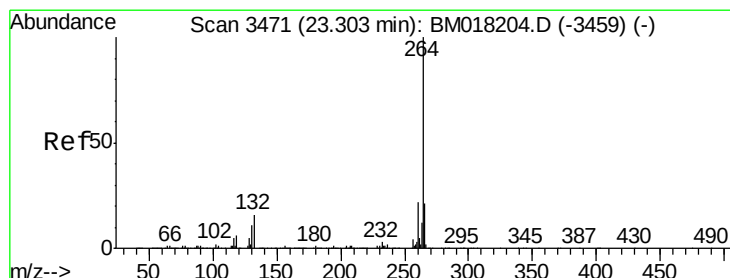
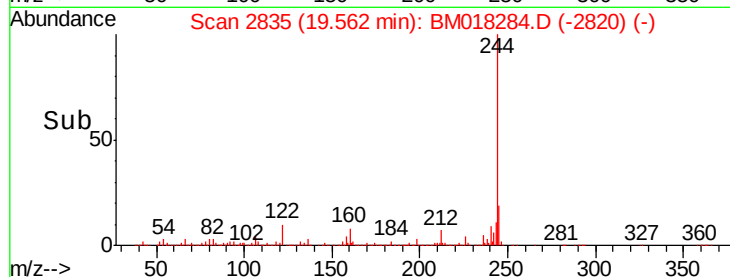
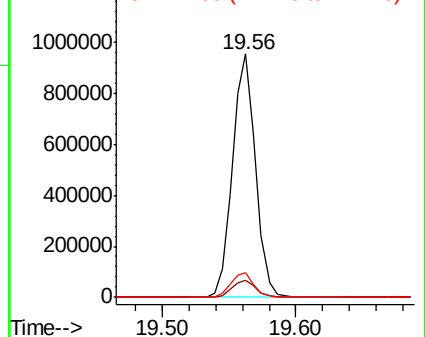
244 100

212 7.2 5.8 8.8

122 10.0 9.0 13.6



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: 23.29 min Scan# 3468

Delta R.T. -0.02 min

Lab File: BM018284.D

Acq: 18 Dec 2018 23:00

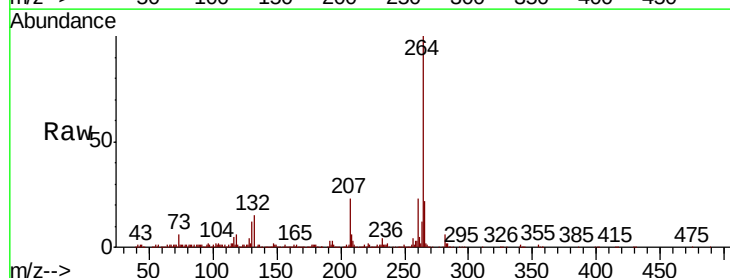
Tgt Ion:264 Resp: 566063

Ion Ratio Lower Upper

264 100

260 22.8 17.5 26.3

265 21.5 17.3 25.9



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

