

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
 Data File : BM018315.D
 Acq On : 20 Dec 2018 02:25
 Operator : JU/SJ
 Sample : J6378-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01

Quant Time: Dec 20 06:54:06 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

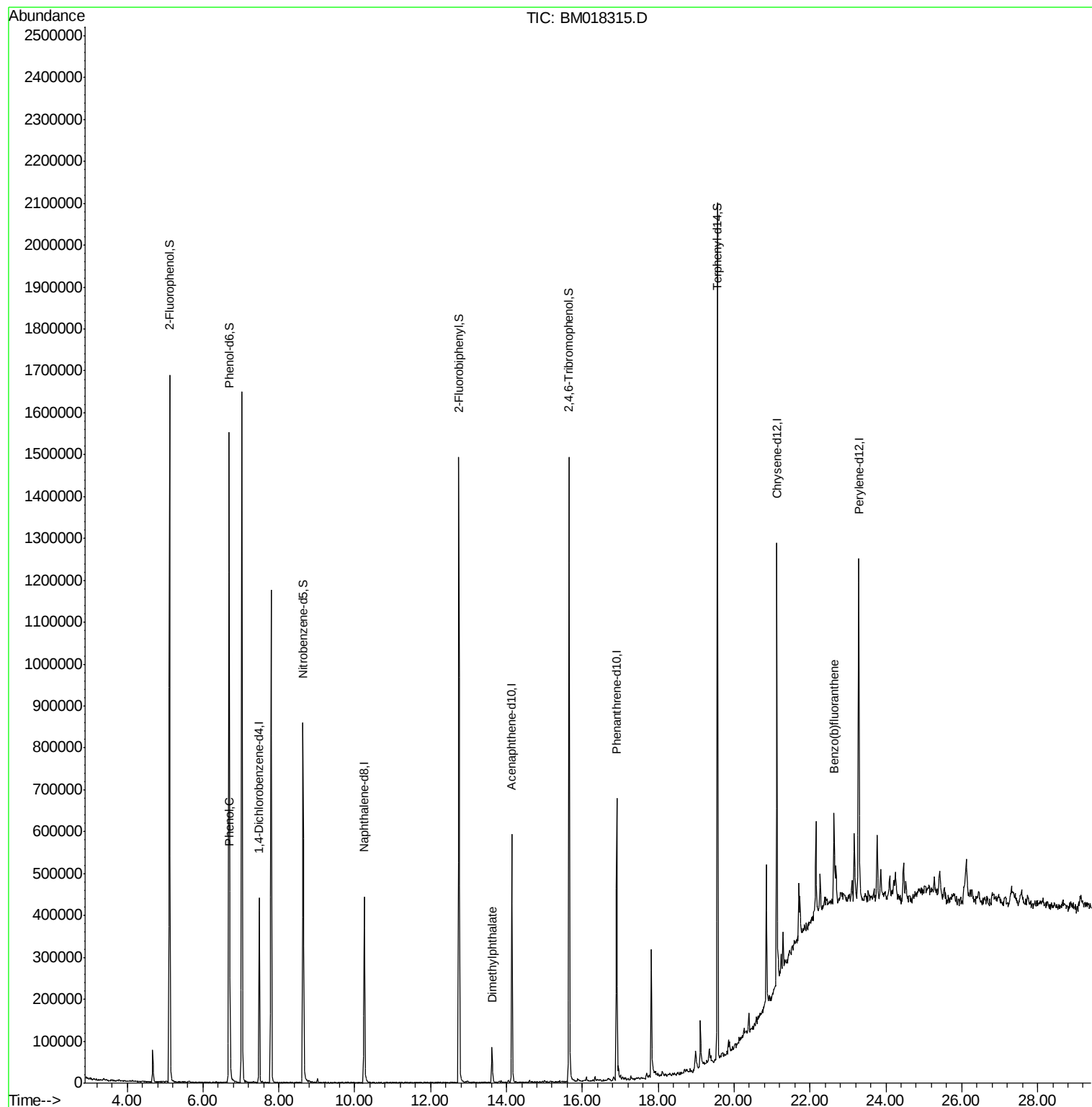
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	107242	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	378651	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	197706	20.00	ng	-0.02
64) Phenanthrene-d10	16.90	188	393396	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	462465	20.00	ng	-0.02
87) Perylene-d12	23.29	264	520673	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	661230	103.00	ng	0.00
7) Phenol-d6	6.69	99	851723	95.45	ng	-0.02
23) Nitrobenzene-d5	8.64	82	539963	73.15	ng	-0.02
42) 2,4,6-Tribromophenol	15.65	330	251364	86.62	ng	-0.02
45) 2-Fluorobiphenyl	12.75	172	762371	49.95	ng	-0.02
79) Terphenyl-d14	19.56	244	878924	42.98	ng	-0.01
Target Compounds						
10) Phenol	6.71	94	50592	5.354	ng	91
50) Dimethylphthalate	13.62	163	61860	3.764	ng	98
88) Benzo(b)fluoranthene	22.64	252	60706	2.076	ng	# 89

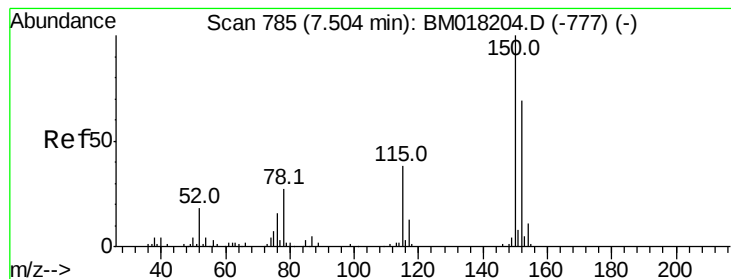
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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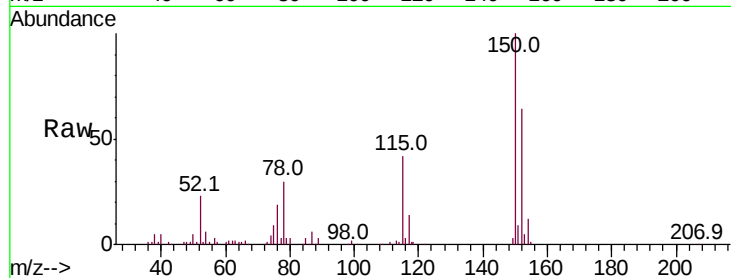


#1

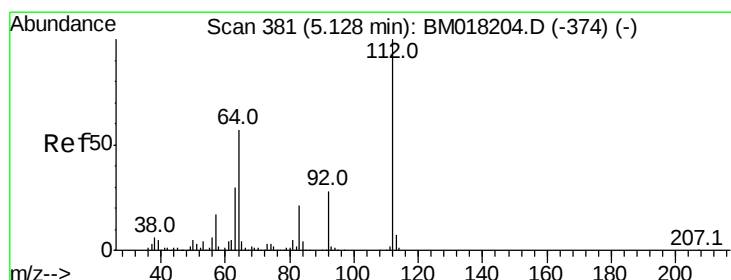
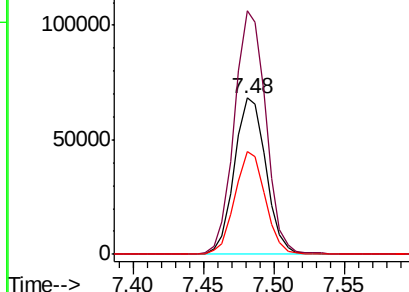
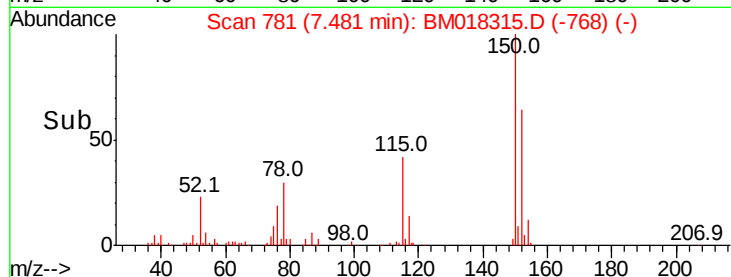
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018315.D
Acq: 20 Dec 2018 02:25

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01

Tot Ion:152 Resp: 107242
Ion Ratio Lower Upper
152 100
150 155.7 116.1 174.1
115 66.1 44.6 67.0



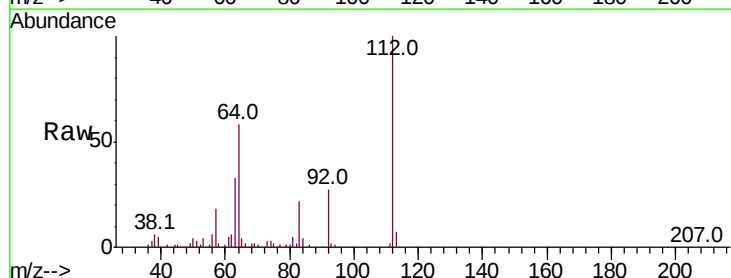
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



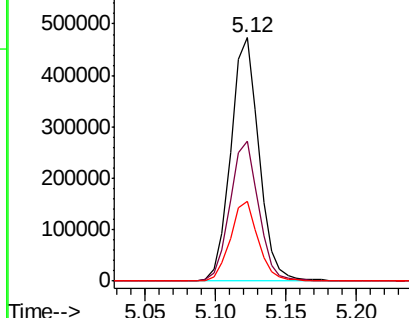
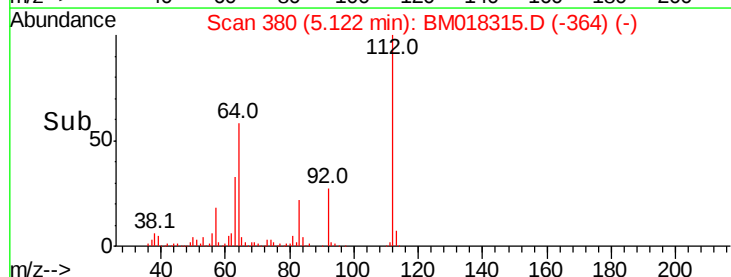
#5

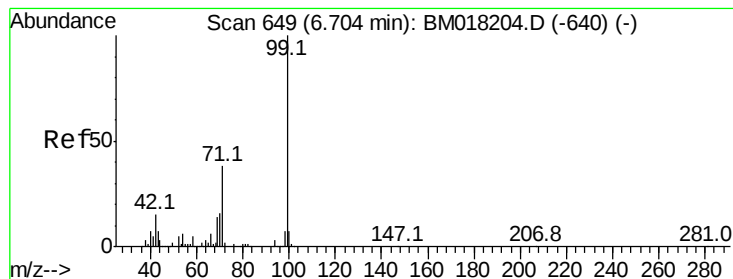
2-Fluorophenol
Concen: 102.998 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018315.D
Acq: 20 Dec 2018 02:25

Tgt Ion:112 Resp: 661230
Ion Ratio Lower Upper
112 100
64 57.6 45.4 68.2
63 32.8 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: 95.452 ng

RT: 6.69 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM018315.D

Acq: 20 Dec 2018 02:25

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01

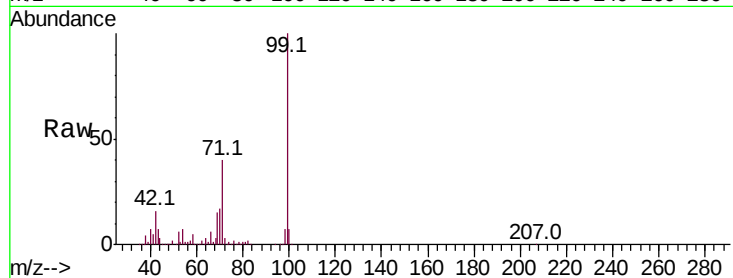
Tot Ion: 99 Resp: 851723

Ion Ratio Lower Upper

99 100

42 16.3 12.3 18.5

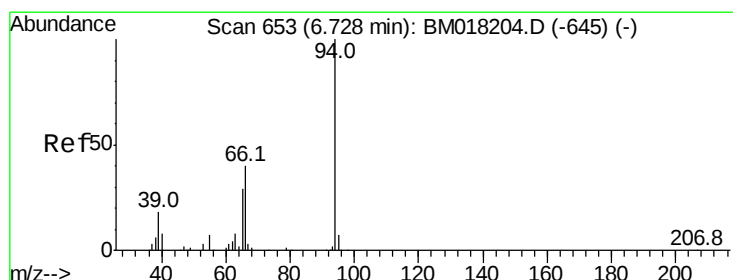
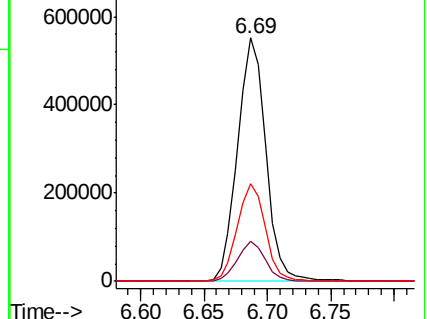
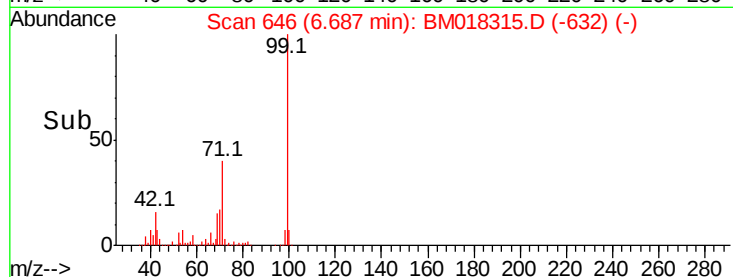
71 40.2 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018315.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018315.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018315.D (-632) (-)



#10

Phenol

Concen: 5.354 ng

RT: 6.71 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM018315.D

Acq: 20 Dec 2018 02:25

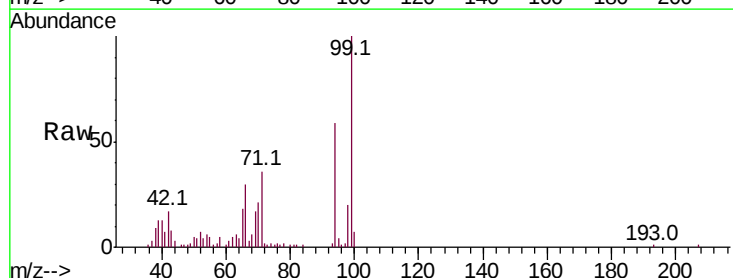
Tgt Ion: 94 Resp: 50592

Ion Ratio Lower Upper

94 100

65 29.7 9.5 49.5

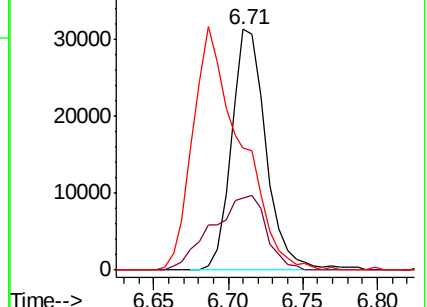
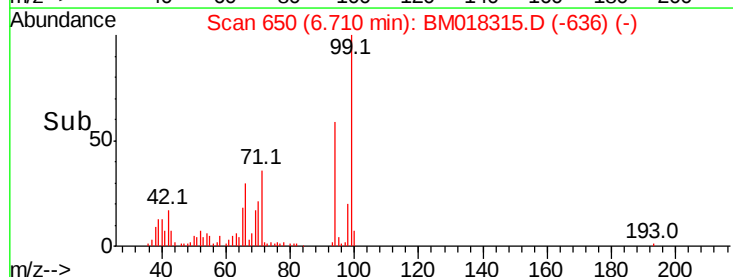
66 50.6 21.3 61.3

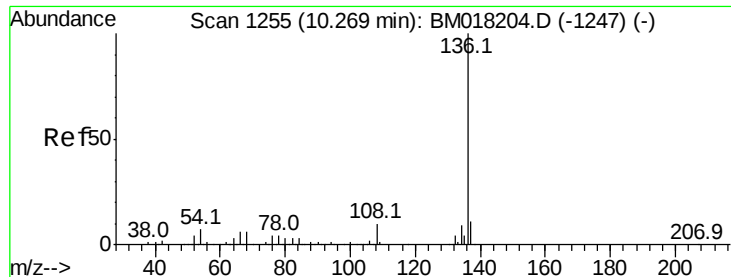


Abundance Ion 94.00 (93.70 to 94.70): BM018315.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018315.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018315.D (-636) (-)

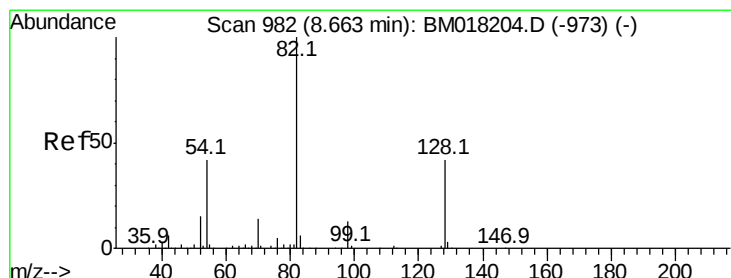
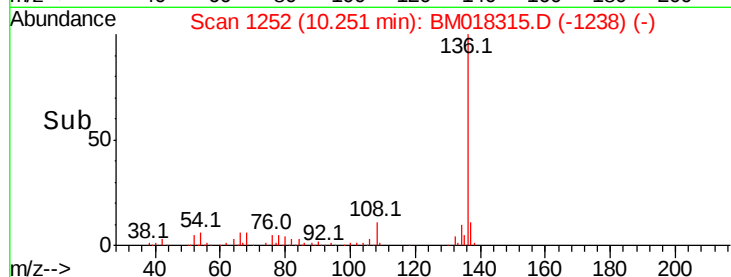
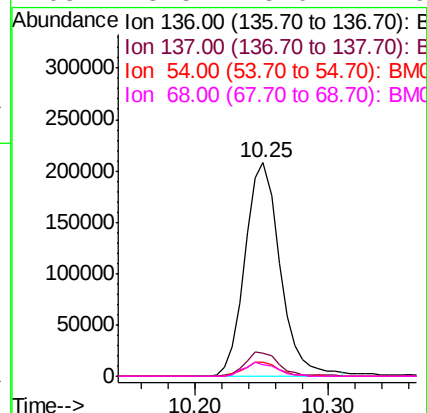
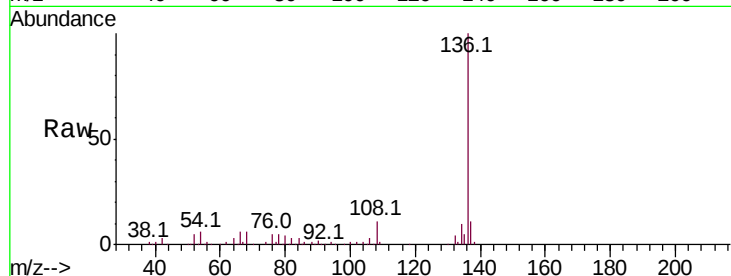




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018315.D
Acq: 20 Dec 2018 02:25

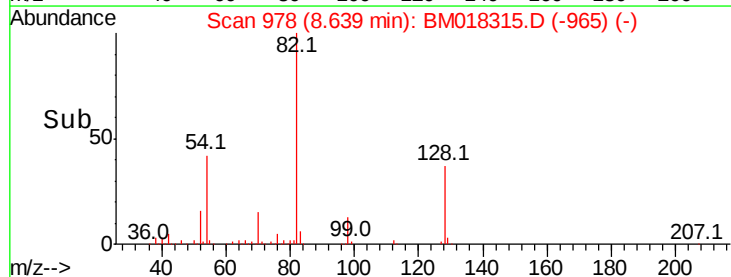
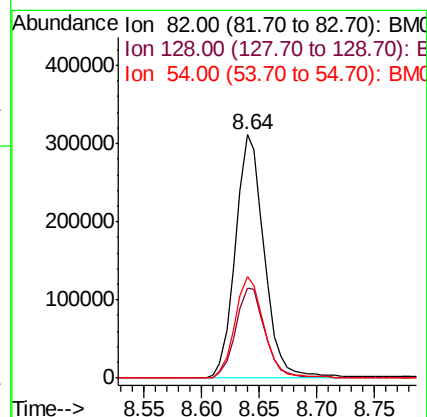
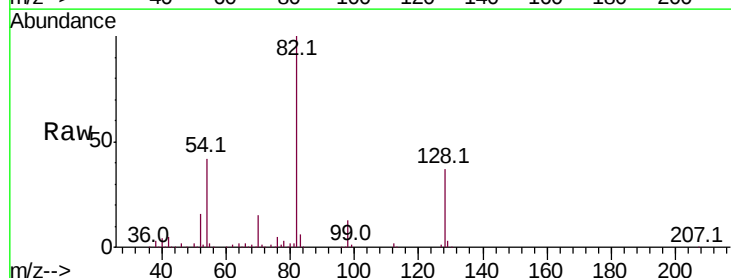
Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01

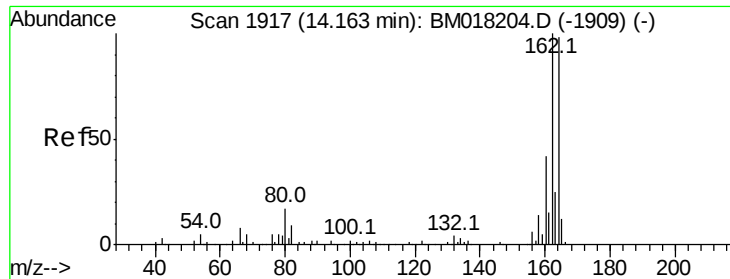
Tot Ion:136	Resp:	378651	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	9.2	13.8	
54 6.4	5.2	7.8	
68 5.5	5.0	7.6	



#23
Nitrobenzene-d5
Concen: 73.146 ng
RT: 8.64 min Scan# 978
Delta R.T. -0.02 min
Lab File: BM018315.D
Acq: 20 Dec 2018 02:25

Tgt Ion: 82	Resp: 539963
Ion Ratio	Lower Upper
82 100	
128 36.7	33.4 50.2
54 41.8	33.4 50.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.14 min Scan# 1913

Delta R.T. -0.02 min

Lab File: BM018315.D

Acq: 20 Dec 2018 02:25

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01

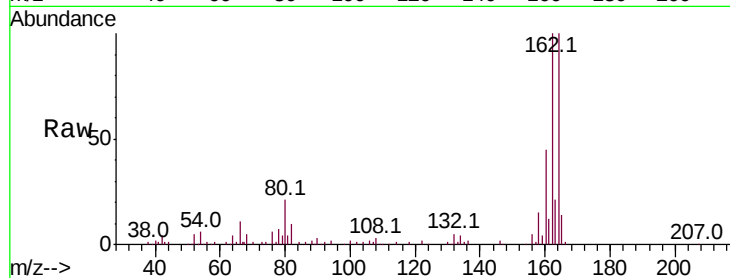
Tot Ion:164 Resp: 197706

Ion Ratio Lower Upper

164 100

162 99.9 81.8 122.6

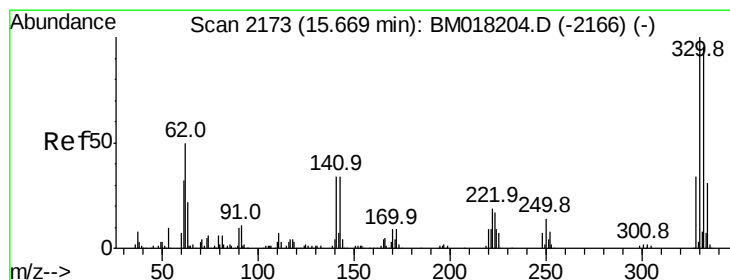
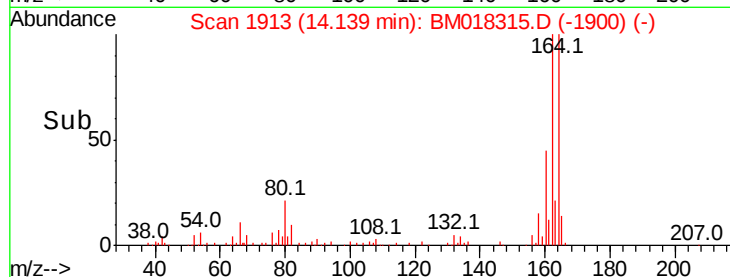
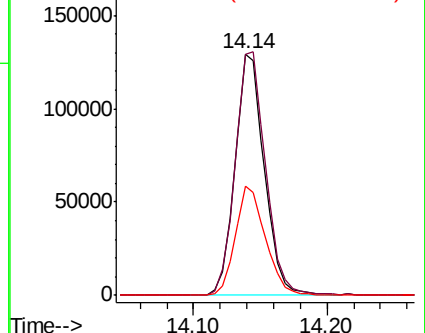
160 45.1 34.6 51.8



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: 86.624 ng

RT: 15.65 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BM018315.D

Acq: 20 Dec 2018 02:25

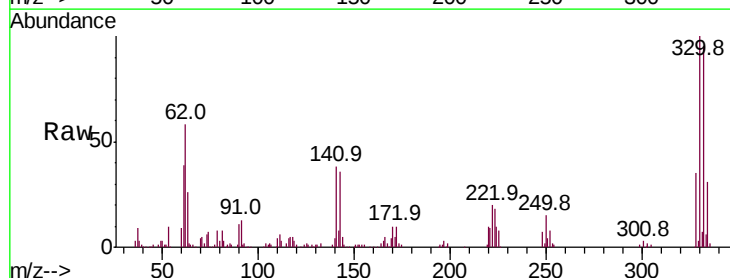
Tgt Ion:330 Resp: 251364

Ion Ratio Lower Upper

330 100

332 97.3 78.6 118.0

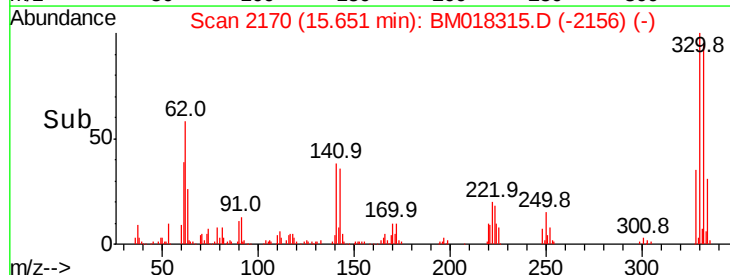
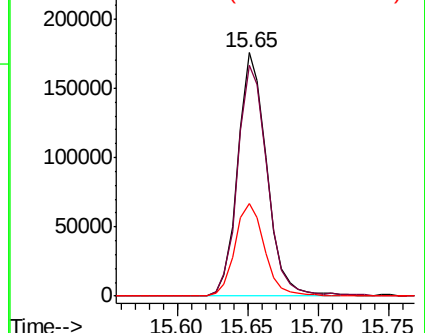
141 39.1 27.1 40.7

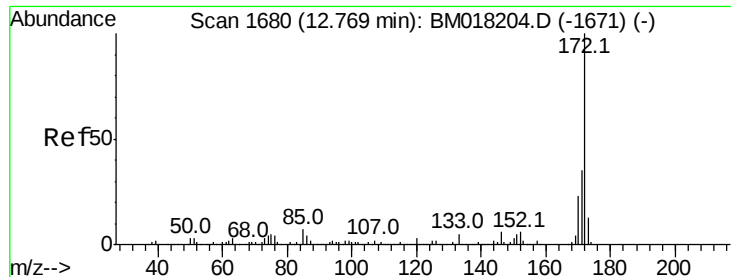


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

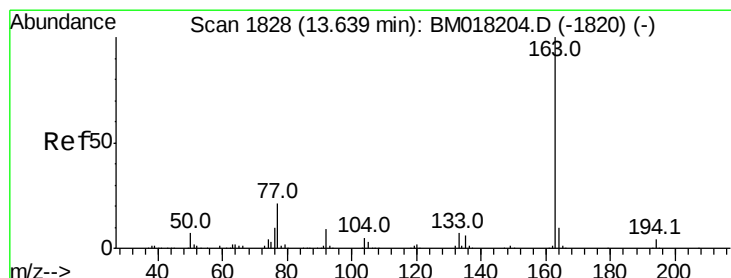
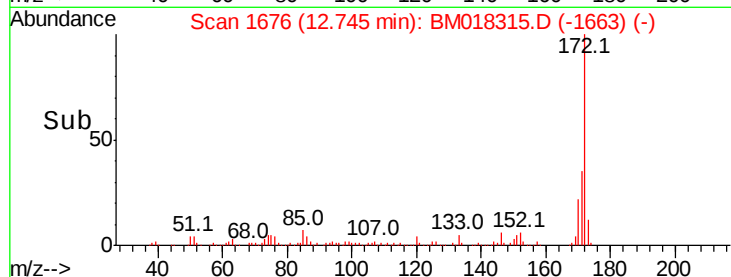
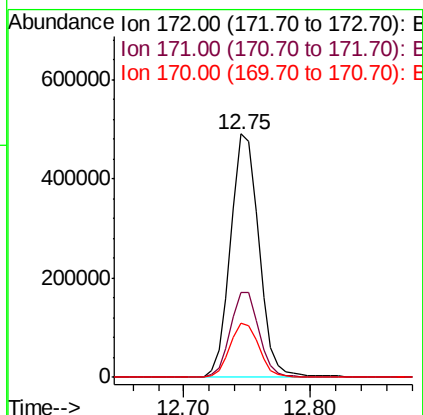
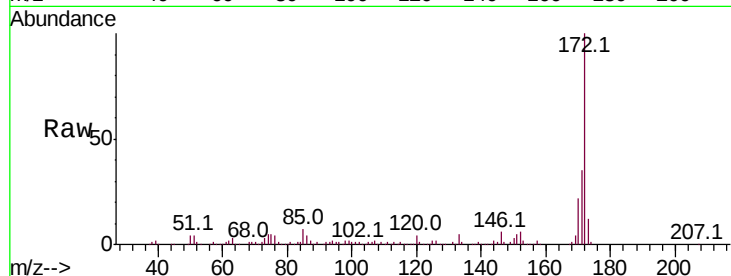




#45
2-Fluorobiphenyl
Concen: 49.945 ng
RT: 12.75 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BM018315.D
Acq: 20 Dec 2018 02:25

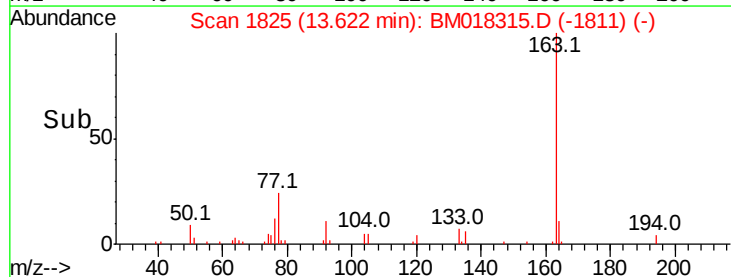
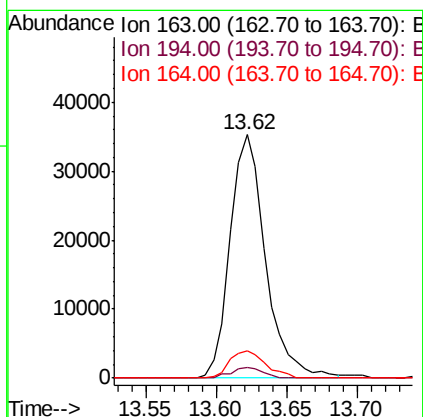
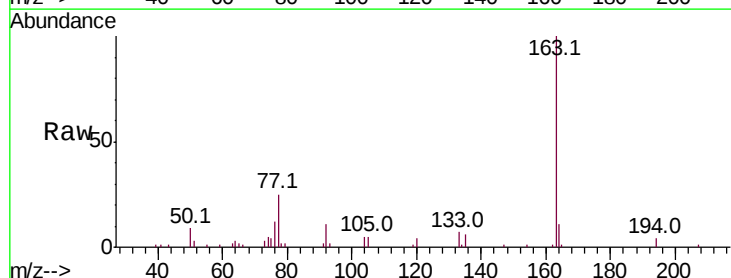
Instrument :
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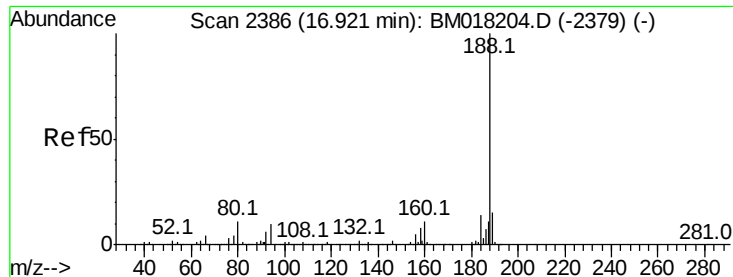
Tot Ion:172 Resp: 762371
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.3 18.1 27.1



#50
Dimethylphthalate
Concen: 3.764 ng
RT: 13.62 min Scan# 1825
Delta R.T. -0.02 min
Lab File: BM018315.D
Acq: 20 Dec 2018 02:25

Tgt Ion:163 Resp: 61860
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 11.0 7.9 11.9

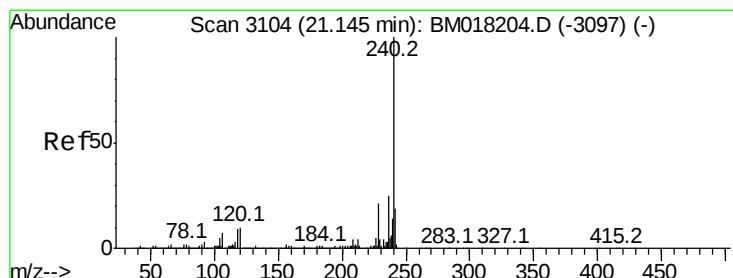
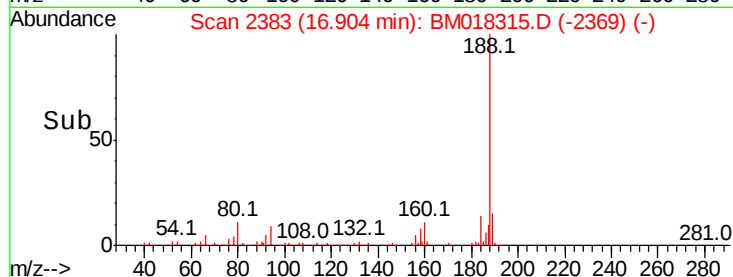
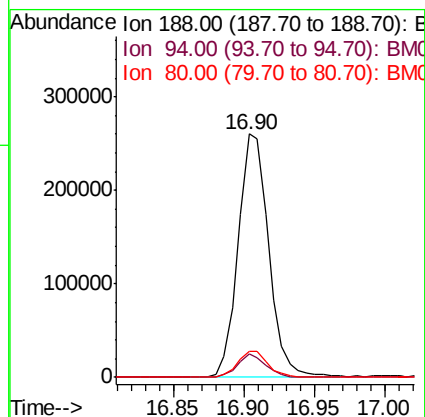
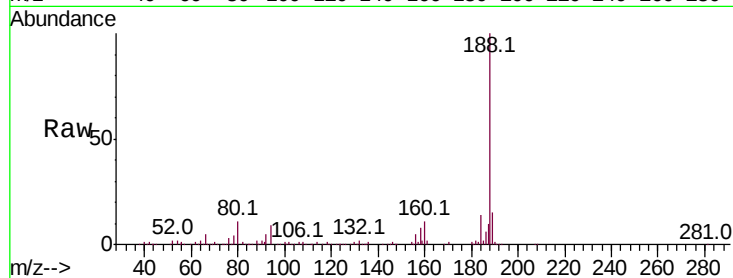




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.90 min Scan# 2383
Delta R.T. -0.02 min
Lab File: BM018315.D
Acq: 20 Dec 2018 02:25

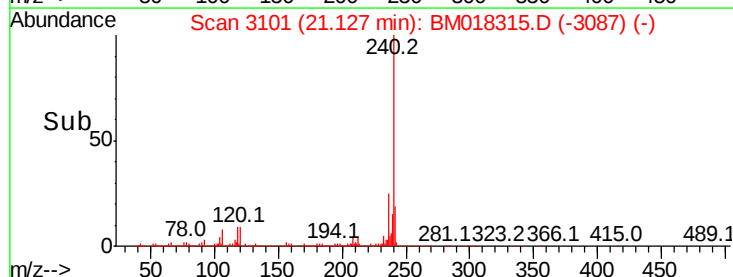
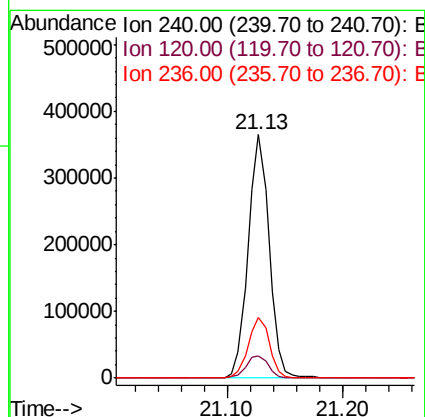
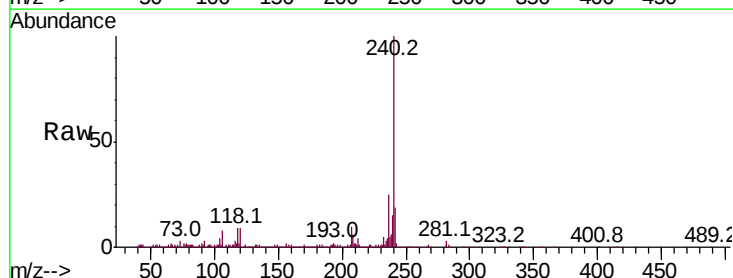
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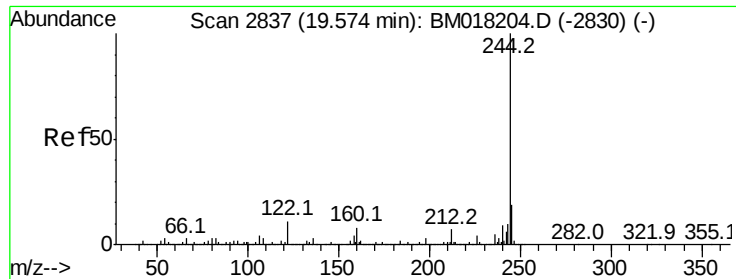
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.0	12.0
80	10.8	9.0	13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018315.D
Acq: 20 Dec 2018 02:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.2	12.2
236	24.8	20.3	30.5





#79

Terphenyl-d14

Concen: 42.983 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018315.D

Acq: 20 Dec 2018 02:25

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01

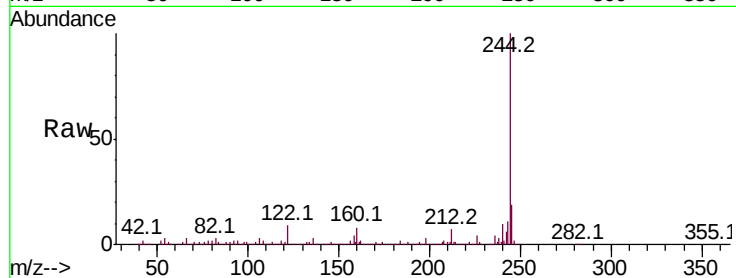
Tot Ion:244 Resp: 878924

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

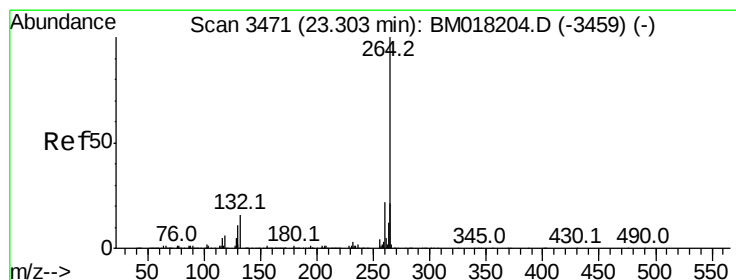
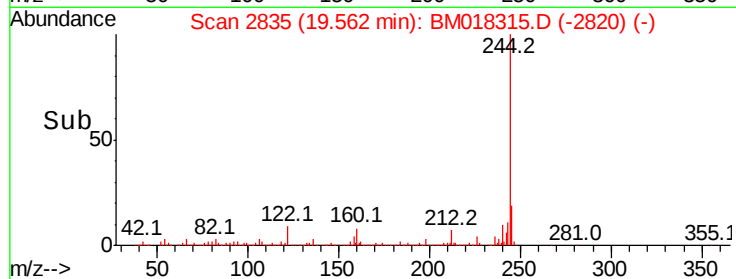
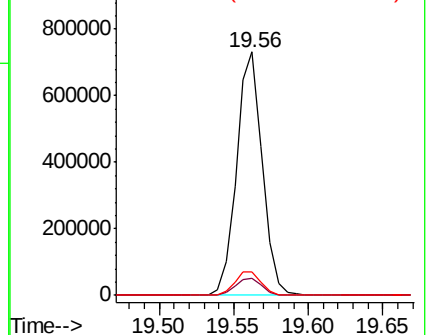
122 9.5 9.0 13.6



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: BM018315.D

Acq: 20 Dec 2018 02:25

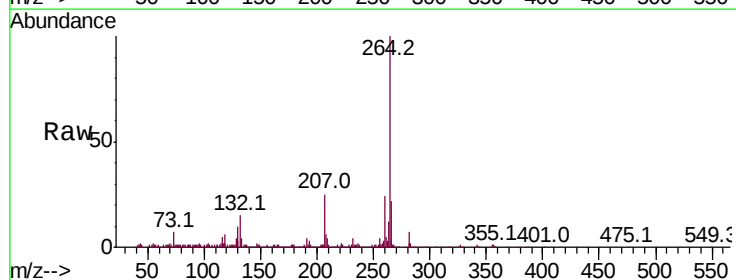
Tgt Ion:264 Resp: 520673

Ion Ratio Lower Upper

264 100

260 24.1 17.5 26.3

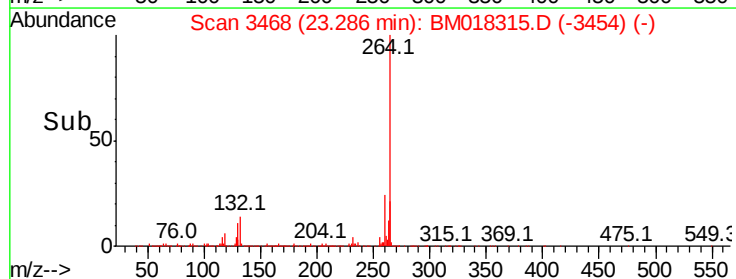
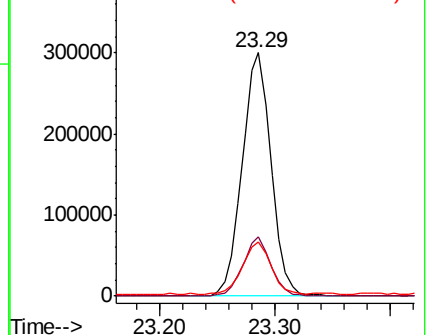
265 22.1 17.3 25.9

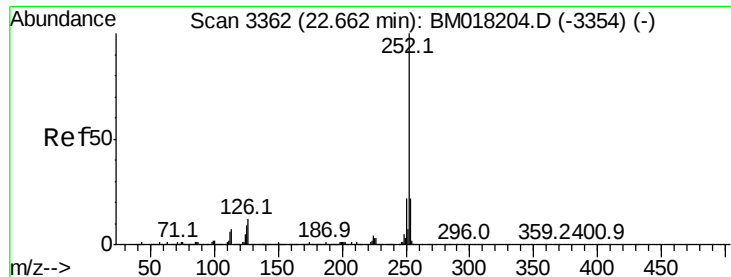


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.076 ng

RT: 22.64 min Scan# 3359

Delta R.T. -0.02 min

Lab File: BM018315.D

Acq: 20 Dec 2018 02:25

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01

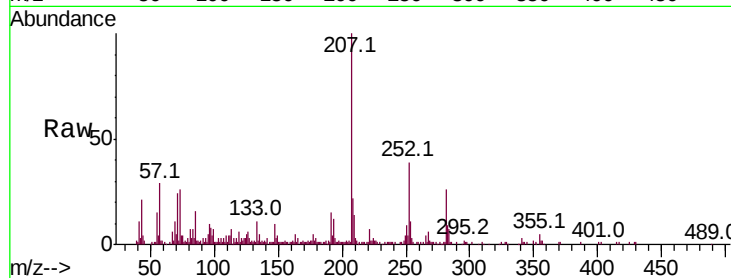
Tot Ion:252 Resp: 60706

Ion Ratio Lower Upper

252 100

253 27.4 17.6 26.4#

125 12.9 7.4 11.0#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

