

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122018\
 Data File : BM018341.D
 Acq On : 20 Dec 2018 21:46
 Operator : JU/SJ
 Sample : J6386-02RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS015-0612-02

Quant Time: Dec 21 01:27:02 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

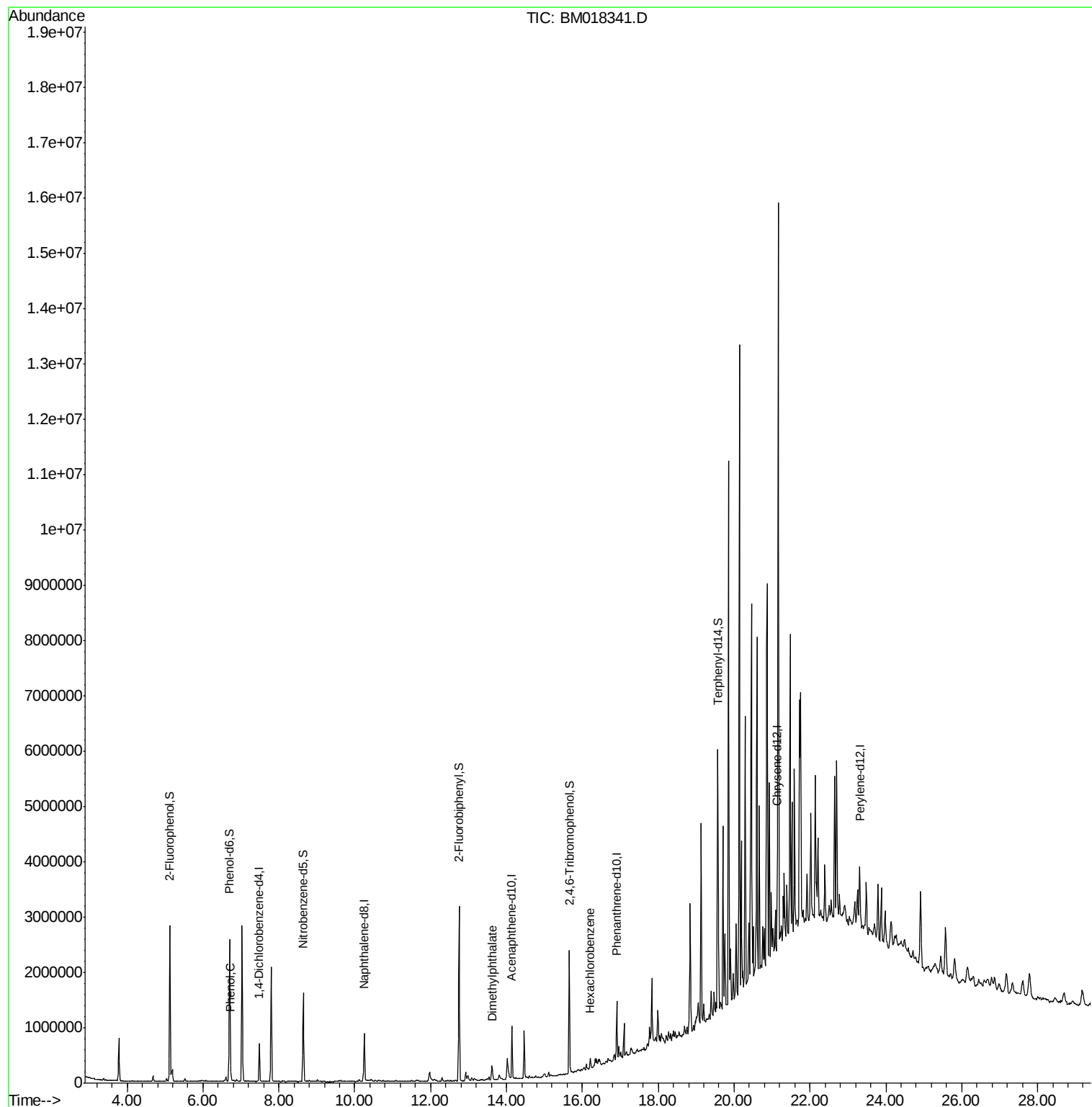
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	163732	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	615687	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	291368	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	549528	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	632584	20.00	ng	0.00
87) Perylene-d12	23.31	264	664286	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1081181	110.31	ng	0.00
7) Phenol-d6	6.70	99	1424567	104.57	ng	0.00
23) Nitrobenzene-d5	8.65	82	925409	77.10	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	364172	85.16	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1536717	68.31	ng	-0.02
79) Terphenyl-d14	19.57	244	1559213	55.75	ng	0.00
Target Compounds						
10) Phenol	6.73	94	112710	7.812	ng	96
50) Dimethylphthalate	13.62	163	127873	5.279	ng	# 92
68) Hexachlorobenzene	16.21	284	36068	4.947	ng	91

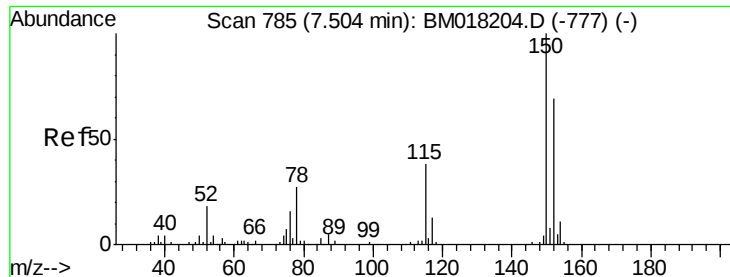
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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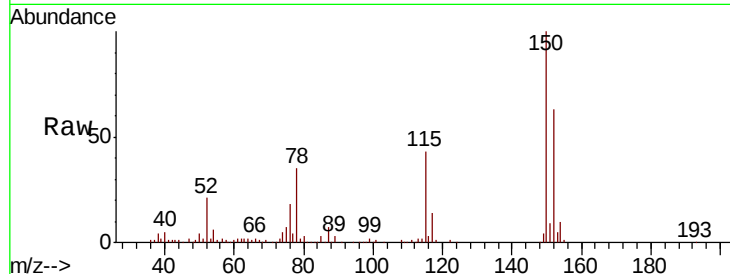


#1

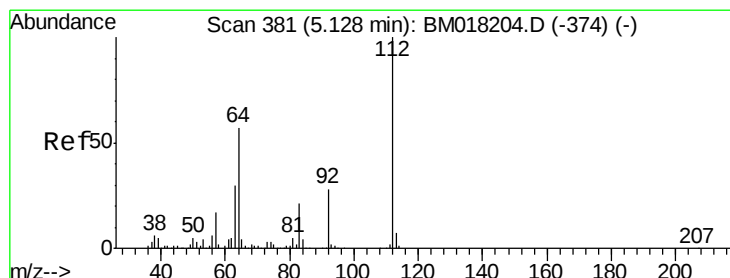
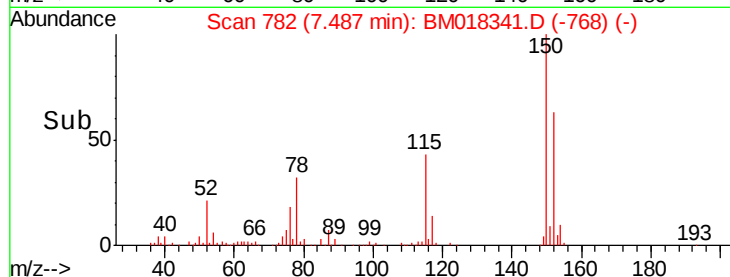
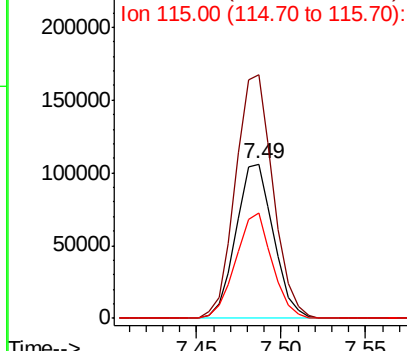
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.49 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BM018341.D
 Acq: 20 Dec 2018 21:46

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS015-0612-02

Tgt Ion:152 Resp: 163732
 Ion Ratio Lower Upper
 152 100
 150 157.6 116.1 174.1
 115 68.3 44.6 67.0#



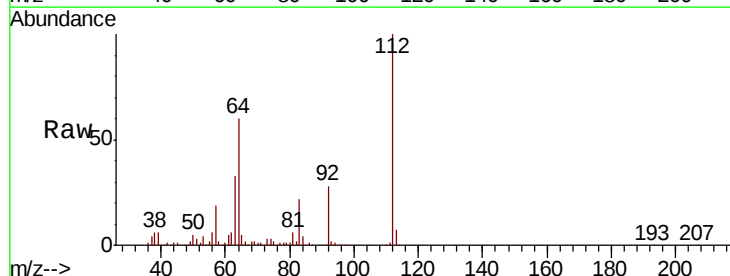
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



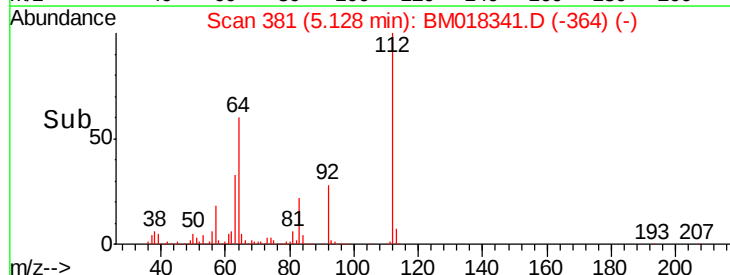
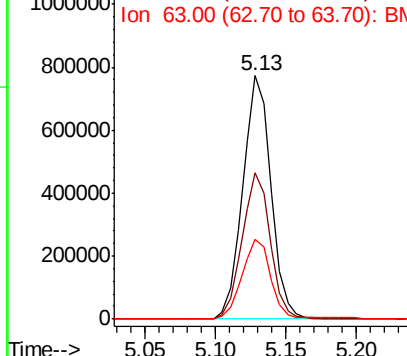
#5

2-Fluorophenol
 Concen: 110.308 ng
 RT: 5.13 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: BM018341.D
 Acq: 20 Dec 2018 21:46

Tgt Ion:112 Resp: 1081181
 Ion Ratio Lower Upper
 112 100
 64 60.4 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: 104.569 ng

RT: 6.70 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM018341.D

Acq: 20 Dec 2018 21:46

Instrument :

BNA_M

ClientSampleId :

P001-SS015-0612-02

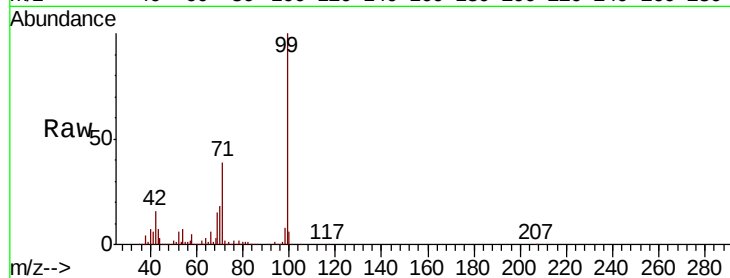
Tgt Ion: 99 Resp: 1424567

Ion Ratio Lower Upper

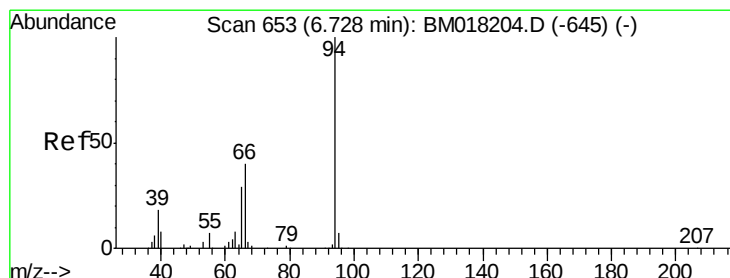
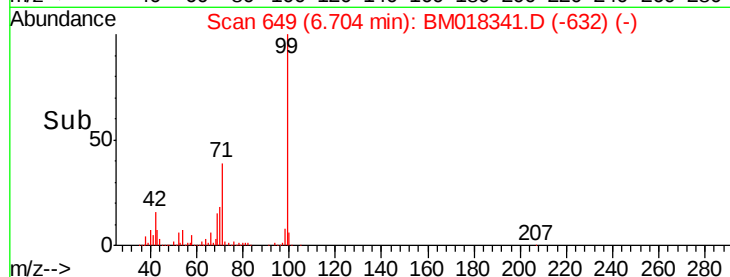
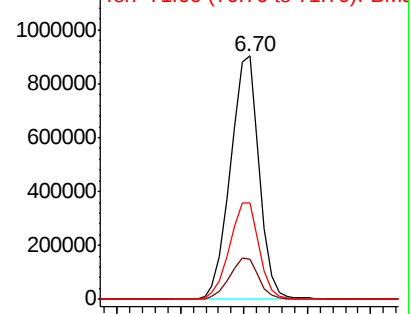
99 100

42 16.4 12.3 18.5

71 39.4 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018341.D (-632) (-)



#10

Phenol

Concen: 7.812 ng

RT: 6.73 min Scan# 653

Delta R.T. -0.00 min

Lab File: BM018341.D

Acq: 20 Dec 2018 21:46

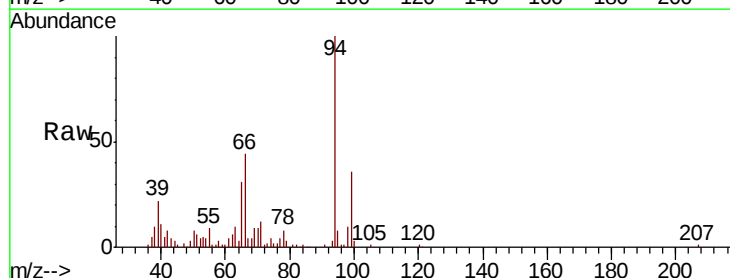
Tgt Ion: 94 Resp: 112710

Ion Ratio Lower Upper

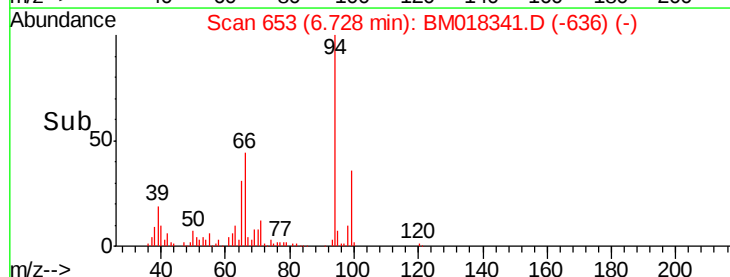
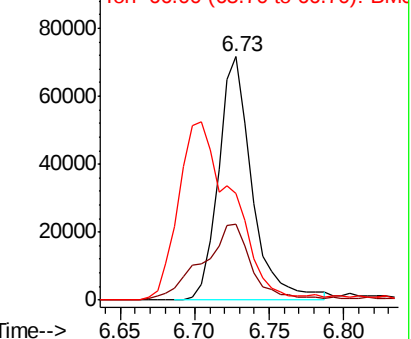
94 100

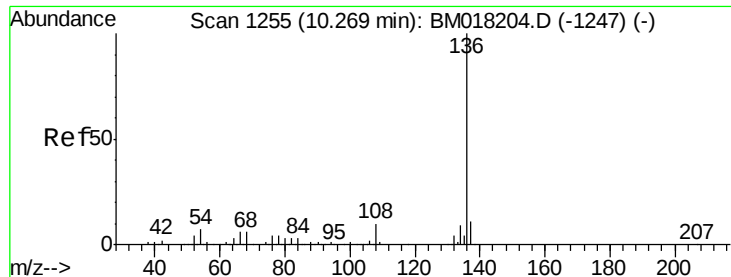
65 31.0 9.5 49.5

66 43.9 21.3 61.3



Abundance Ion 94.00 (93.70 to 94.70): BM018341.D (-636) (-)

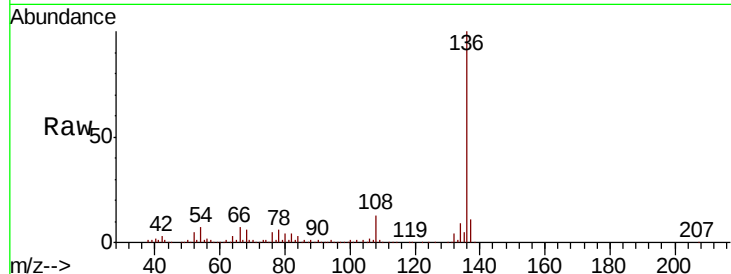




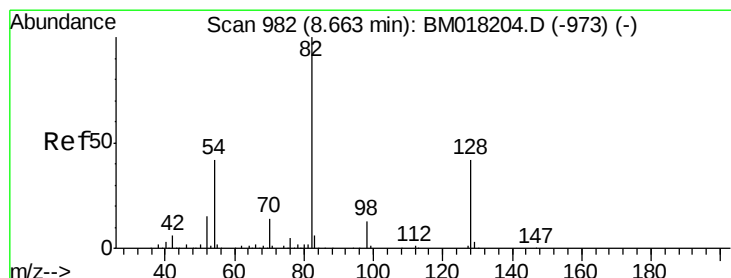
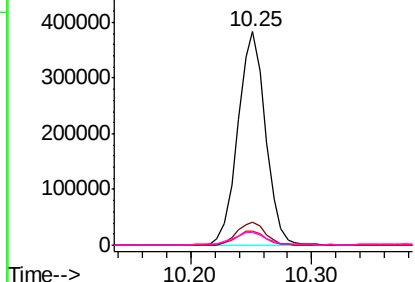
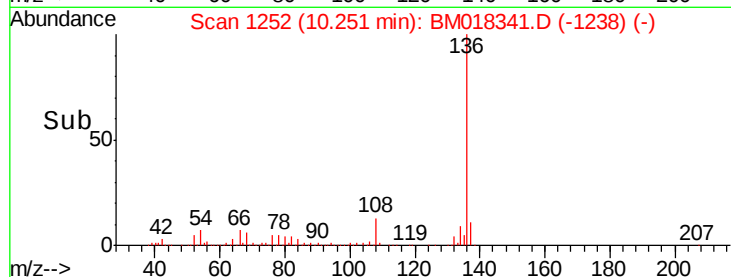
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018341.D
Acq: 20 Dec 2018 21:46

Instrument :
BNA_M
ClientSampleId :
P001-SS015-0612-02

Tgt Ion:	136	Resp:	615687
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	6.7	5.2	7.8
68	6.2	5.0	7.6

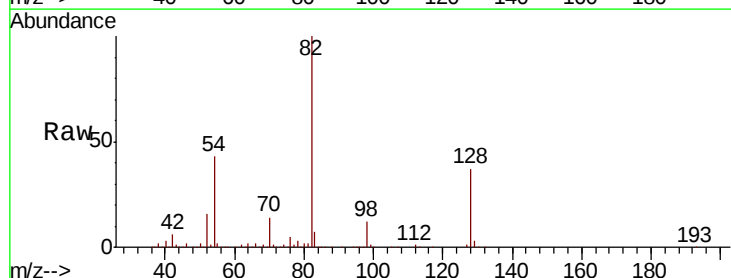


Abundance Ion 136.00 (135.70 to 136.70): E
600000
Ion 137.00 (136.70 to 137.70): E
500000
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

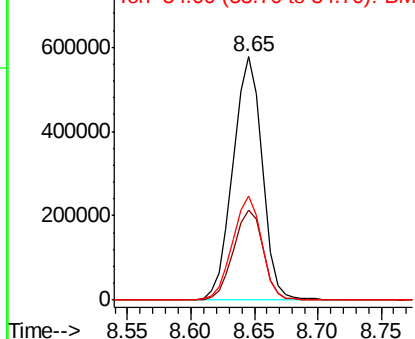
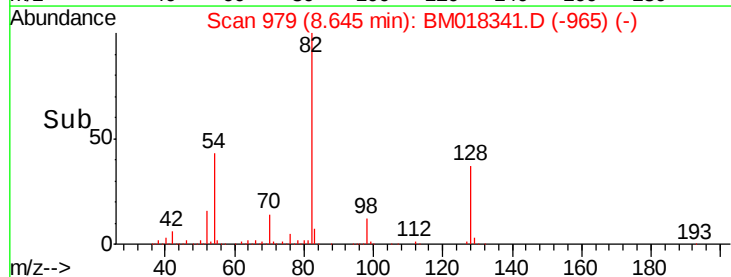


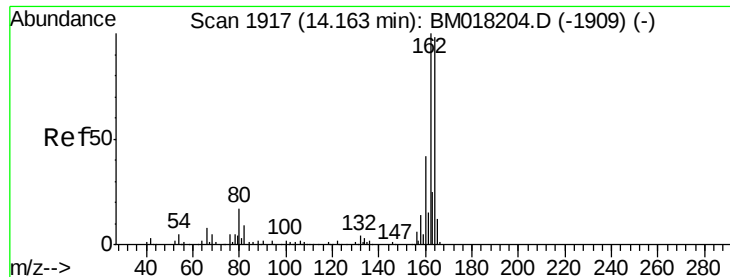
#23
Nitrobenzene-d5
Concen: 77.097 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018341.D
Acq: 20 Dec 2018 21:46

Tgt Ion:	82	Resp:	925409
Ion	Ratio	Lower	Upper
82	100		
128	37.2	33.4	50.2
54	42.8	33.4	50.2



Abundance Ion 82.00 (81.70 to 82.70): BM
800000
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: BM018341.D

Acq: 20 Dec 2018 21:46

Instrument :

BNA_M

ClientSampleId :

P001-SS015-0612-02

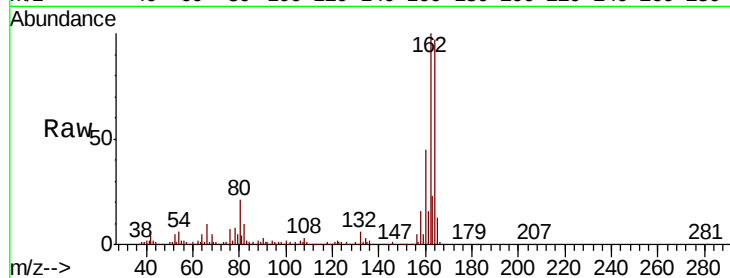
Tgt Ion:164 Resp: 291368

Ion Ratio Lower Upper

164 100

162 103.2 81.8 122.6

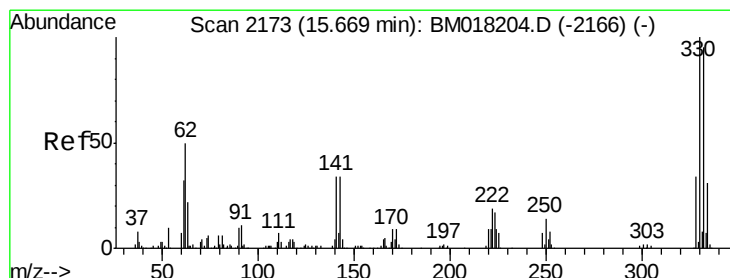
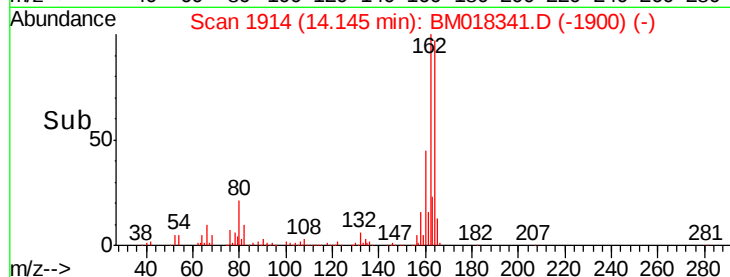
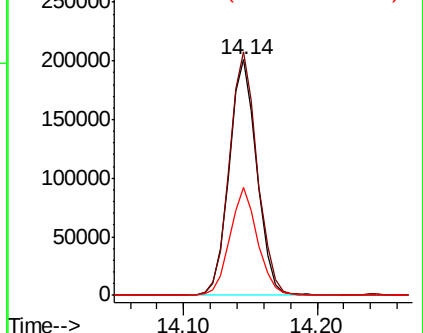
160 46.0 34.6 51.8



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: 85.157 ng

RT: 15.66 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018341.D

Acq: 20 Dec 2018 21:46

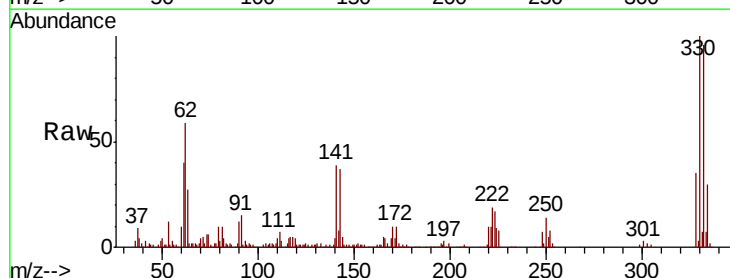
Tgt Ion:330 Resp: 364172

Ion Ratio Lower Upper

330 100

332 97.0 78.6 118.0

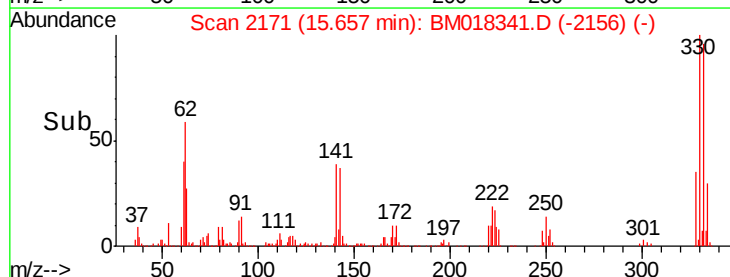
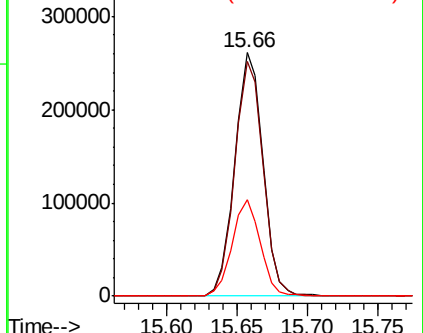
141 39.1 27.1 40.7

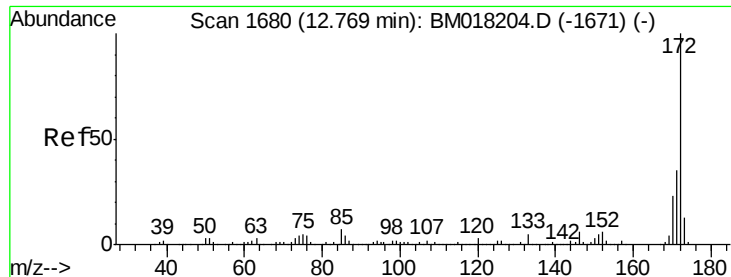


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

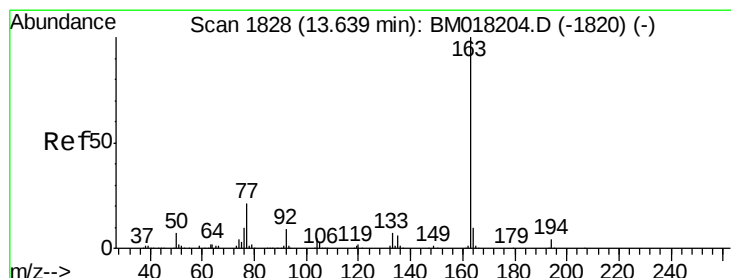
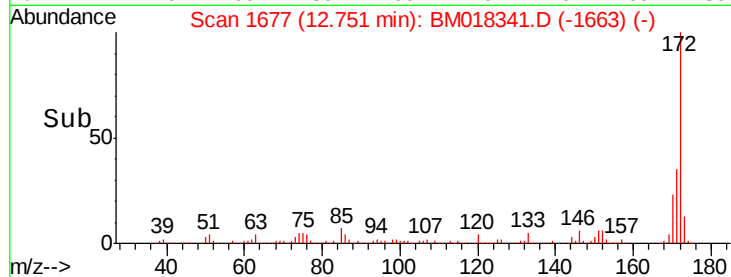
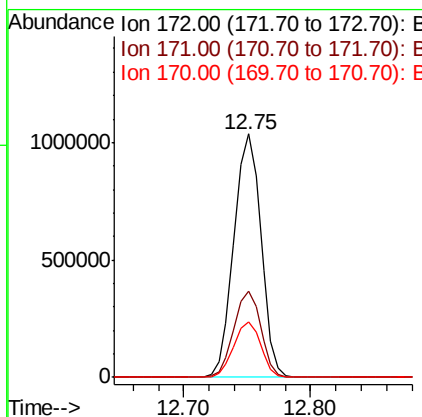
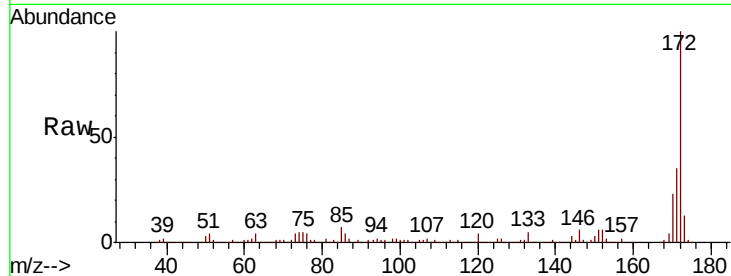




#45
 2-Fluorobiphenyl
 Concen: 68.313 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018341.D
 Acq: 20 Dec 2018 21:46

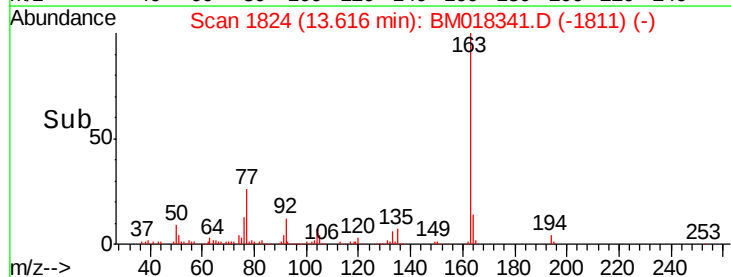
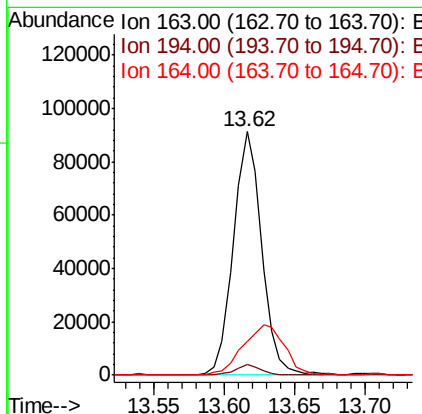
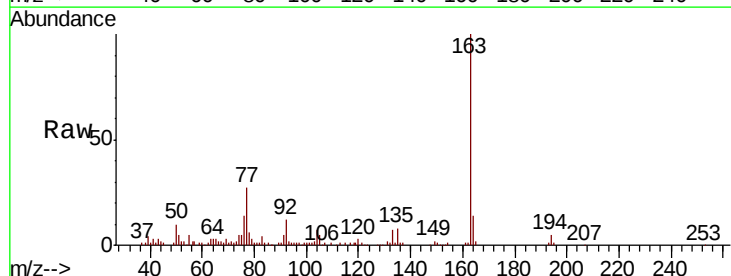
Instrument :
 BNA_M
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 P001-SS015-0612-02

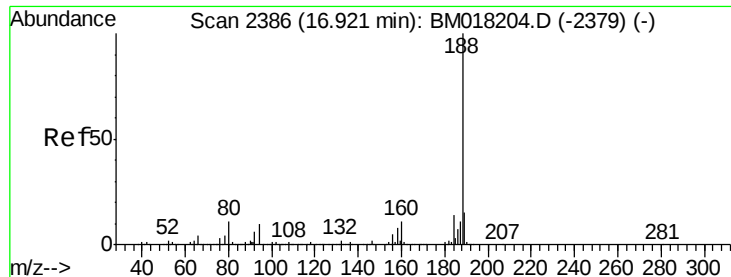
Tgt Ion:172 Resp: 1536717
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 23.0 18.1 27.1



#50
 Dimethylphthalate
 Concen: 5.279 ng
 RT: 13.62 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BM018341.D
 Acq: 20 Dec 2018 21:46

Tgt Ion:163 Resp: 127873
 Ion Ratio Lower Upper
 163 100
 194 4.5 3.1 4.7
 164 13.7 7.9 11.9#

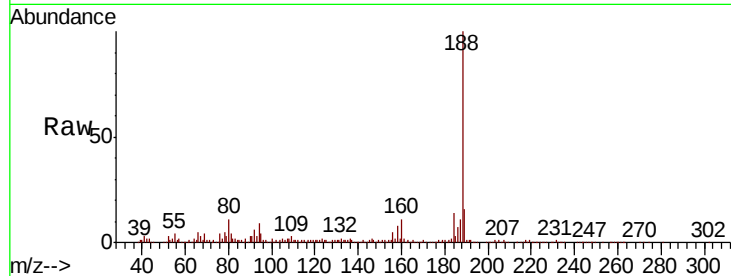




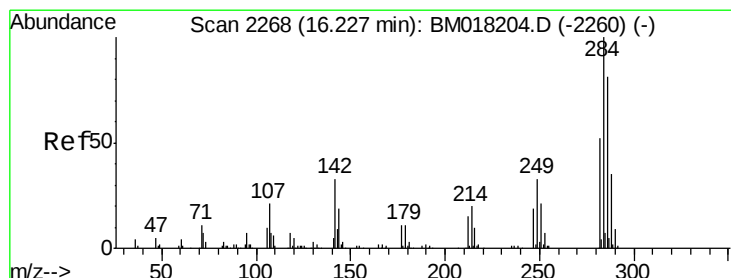
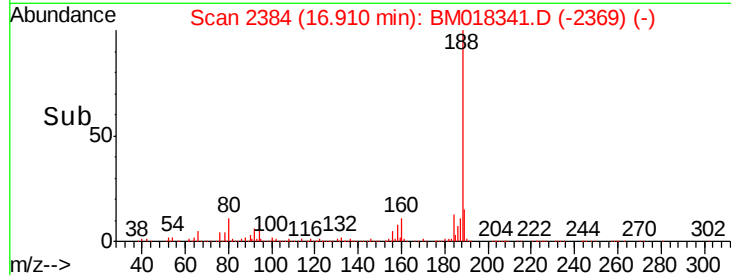
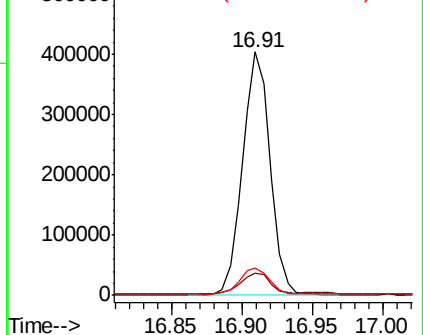
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018341.D
Acq: 20 Dec 2018 21:46

Instrument :
BNA_M
ClientSampleId :
P001-SS015-0612-02

Tgt Ion:188 Resp: 549528
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 11.4 9.0 13.6

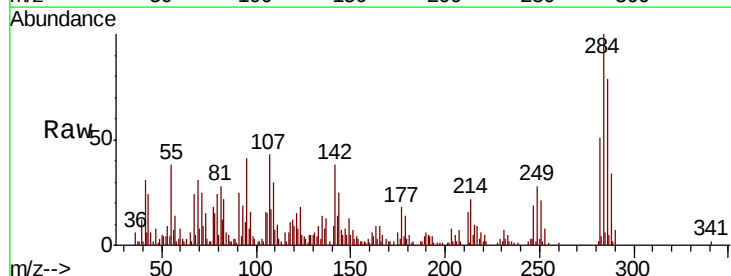


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

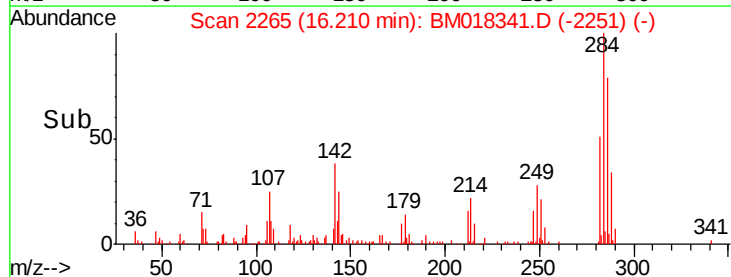
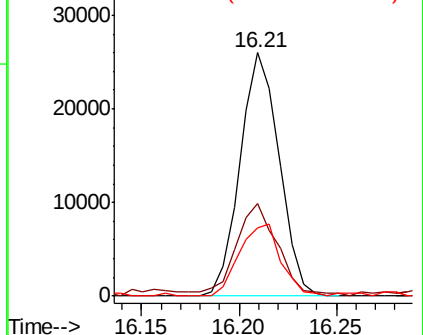


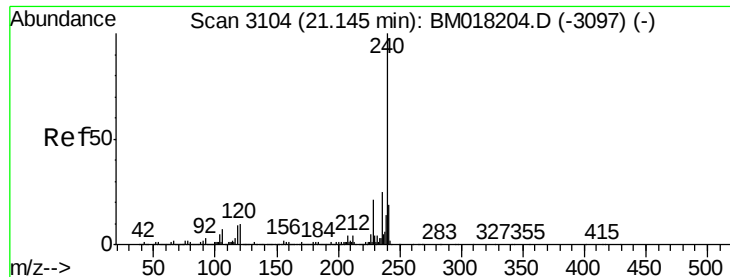
#68
Hexachlorobenzene
Concen: 4.947 ng
RT: 16.21 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BM018341.D
Acq: 20 Dec 2018 21:46

Tgt Ion:284 Resp: 36068
Ion Ratio Lower Upper
284 100
142 38.2 26.2 39.4
249 28.0 26.2 39.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018341.D

Acq: 20 Dec 2018 21:46

Instrument :

BNA_M

ClientSampleId :

P001-SS015-0612-02

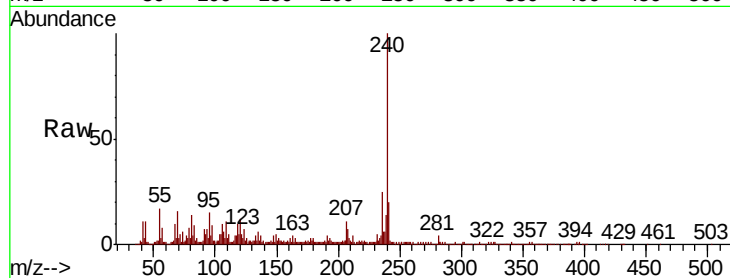
Tgt Ion:240 Resp: 632584

Ion Ratio Lower Upper

240 100

120 11.6 8.2 12.2

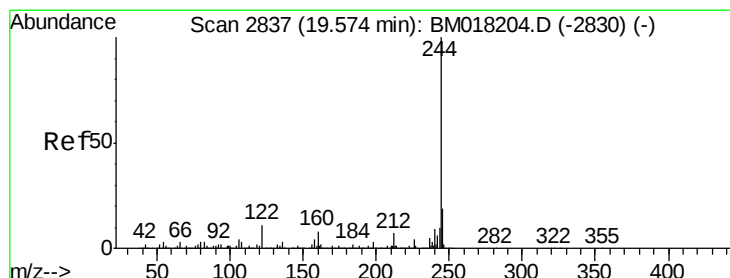
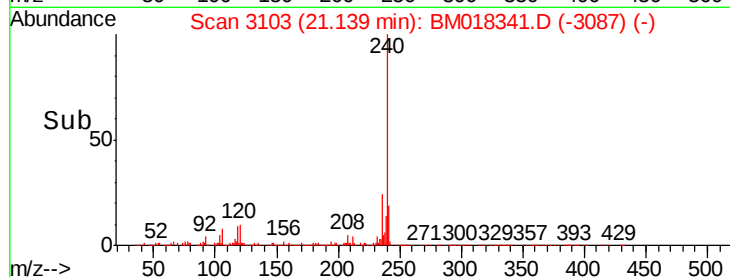
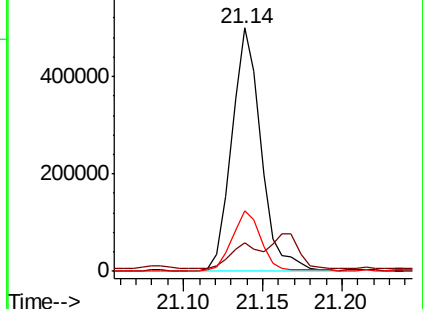
236 24.7 20.3 30.5



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: 55.746 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM018341.D

Acq: 20 Dec 2018 21:46

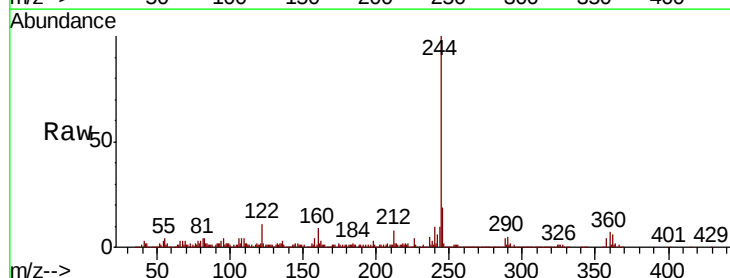
Tgt Ion:244 Resp: 1559213

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

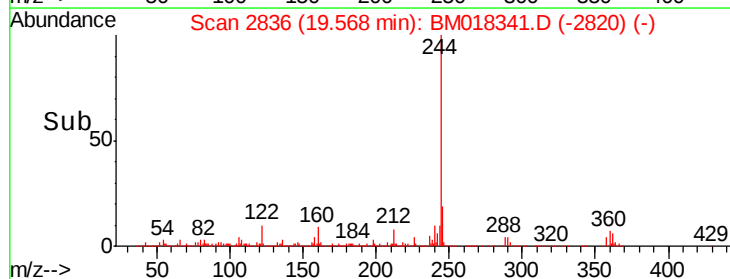
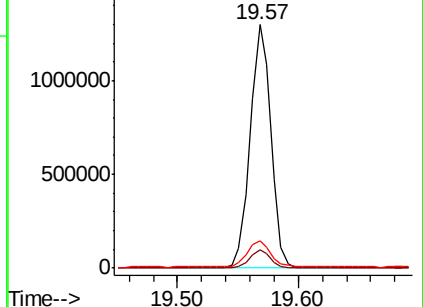
122 11.0 9.0 13.6

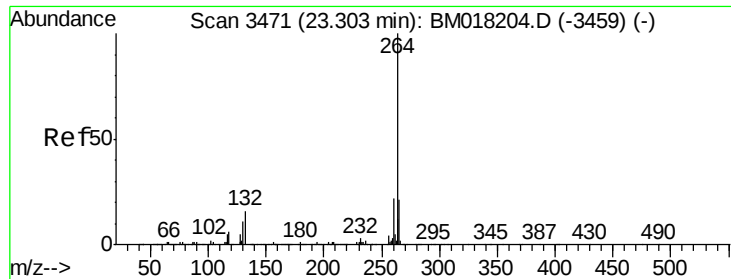


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.31 min Scan# 3472
Delta R.T. 0.01 min
Lab File: BM018341.D
Acq: 20 Dec 2018 21:46

Instrument :
BNA_M
ClientSampleId :
P001-SS015-0612-02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.5	26.3
265	22.0	17.3	25.9

