

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122018\
 Data File : BM018339.D
 Acq On : 20 Dec 2018 20:34
 Operator : JU/SJ
 Sample : J6389-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS012-0006-01

Quant Time: Dec 21 01:26:41 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

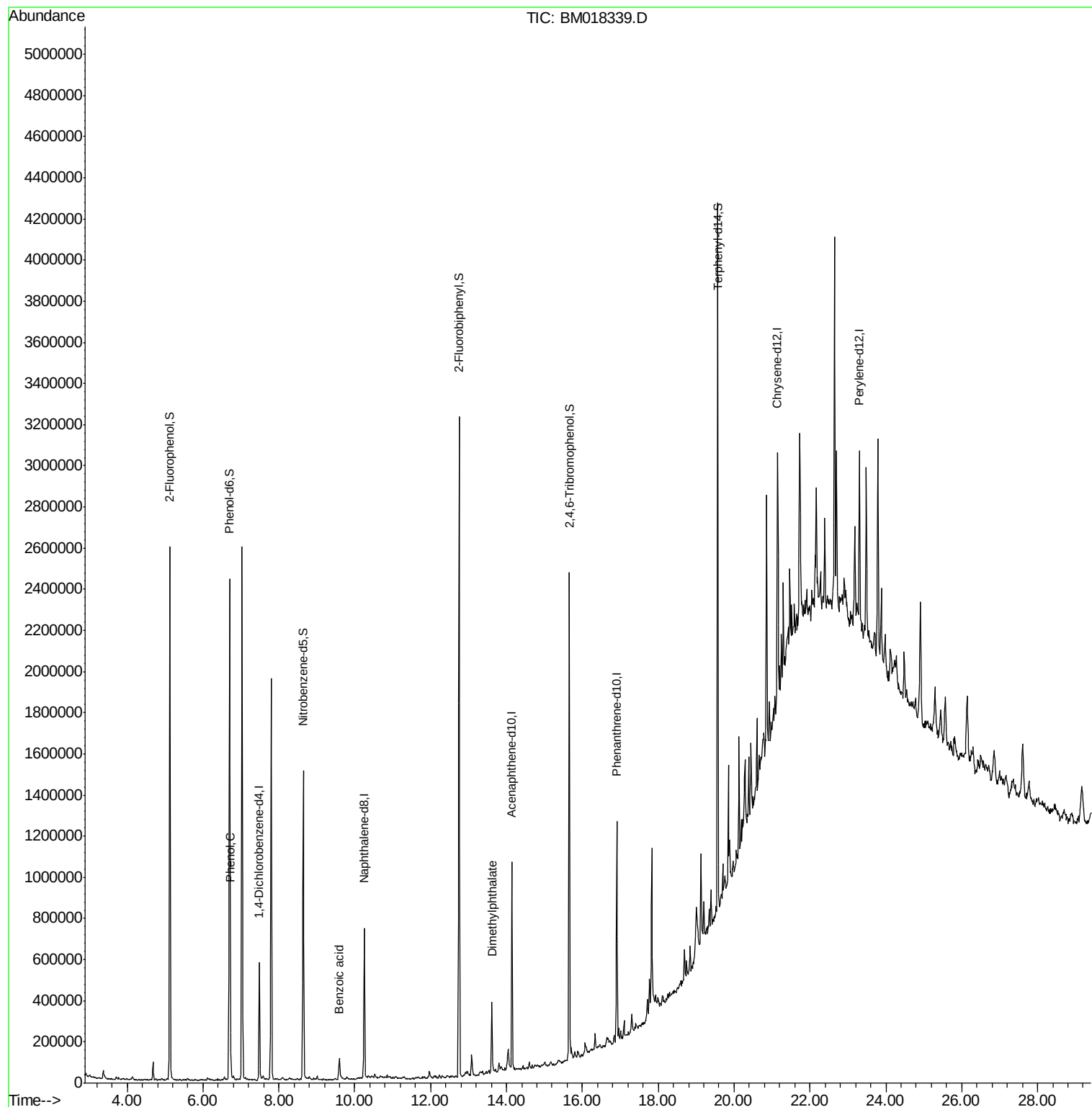
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	141375	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	562889	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	297761	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	573227	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	514922	20.00	ng	0.00
87) Perylene-d12	23.30	264	558195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	994857	117.55	ng	0.00
7) Phenol-d6	6.70	99	1345004	114.34	ng	0.00
23) Nitrobenzene-d5	8.65	82	863569	78.69	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	382575	87.54	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1524687	66.32	ng	-0.02
79) Terphenyl-d14	19.57	244	1396604	61.34	ng	0.00
Target Compounds						
10) Phenol	6.72	94	86365	6.933	ng	91
32) Benzoic acid	9.60	122	37840	5.156	ng	89
50) Dimethylphthalate	13.62	163	196668	7.945	ng	98

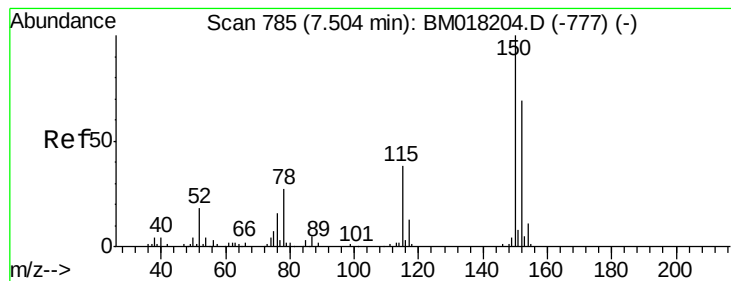
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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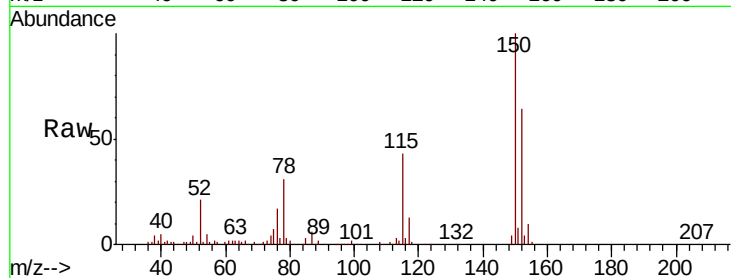


#1

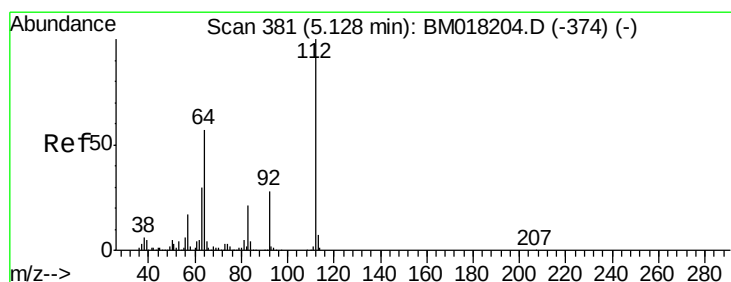
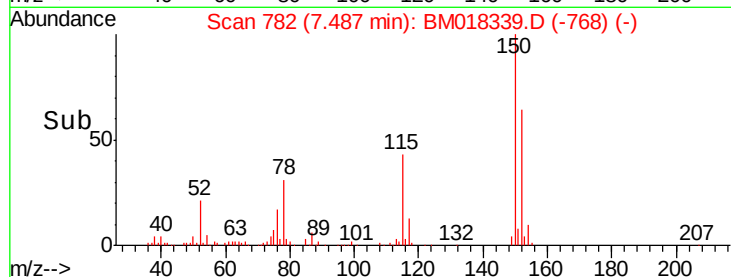
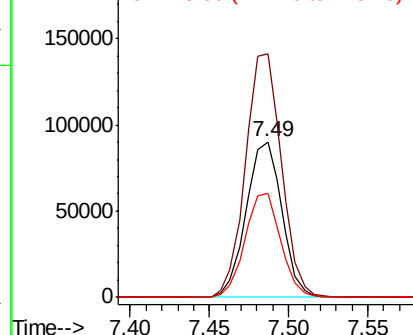
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018339.D
Acq: 20 Dec 2018 20:34

Instrument :
BNA_M
ClientSampleId :
P001-SS012-0006-01

Tgt Ion:152 Resp: 141375
Ion Ratio Lower Upper
152 100
150 156.5 116.1 174.1
115 66.8 44.6 67.0



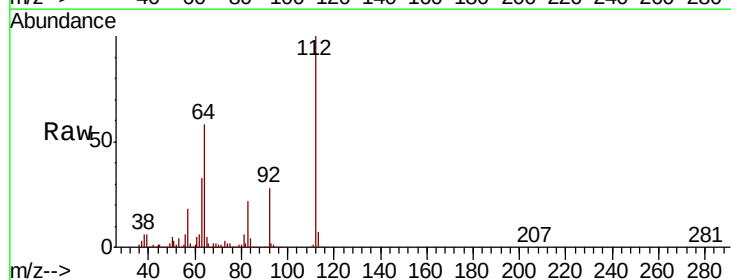
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



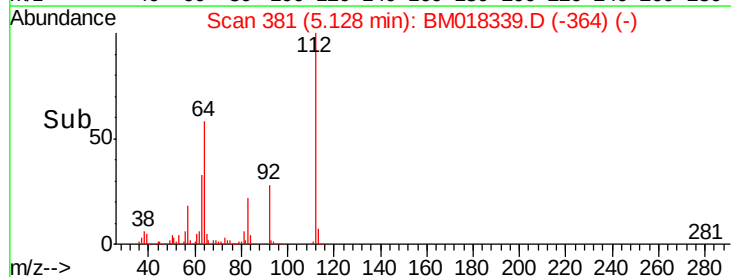
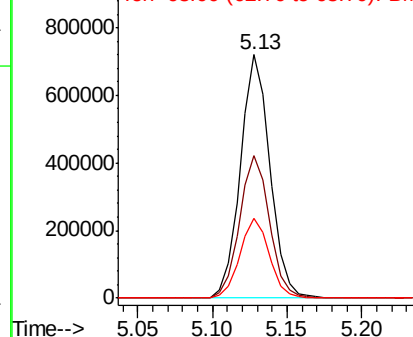
#5

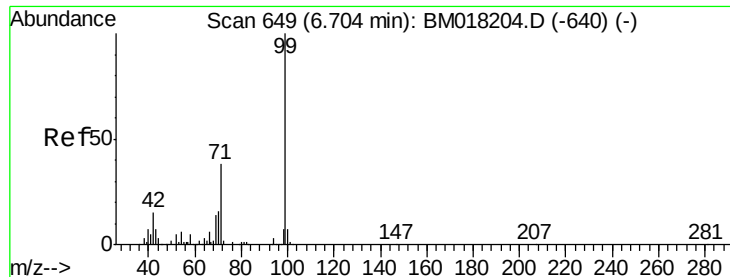
2-Fluorophenol
Concen: 117.552 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018339.D
Acq: 20 Dec 2018 20:34

Tgt Ion:112 Resp: 994857
Ion Ratio Lower Upper
112 100
64 58.5 45.4 68.2
63 32.7 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: 114.341 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018339.D

Acq: 20 Dec 2018 20:34

Instrument :

BNA_M

ClientSampleId :

P001-SS012-0006-01

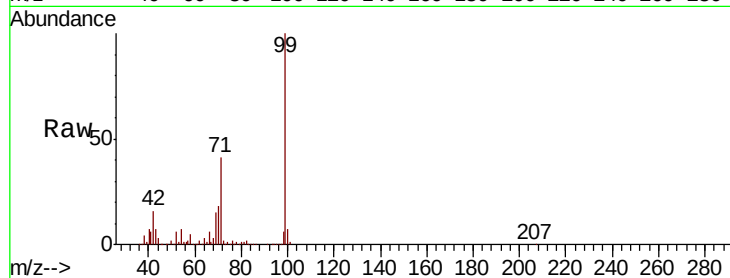
Tgt Ion: 99 Resp: 1345004

Ion Ratio Lower Upper

99 100

42 16.5 12.3 18.5

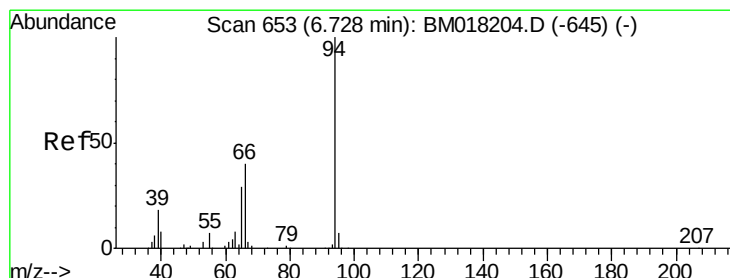
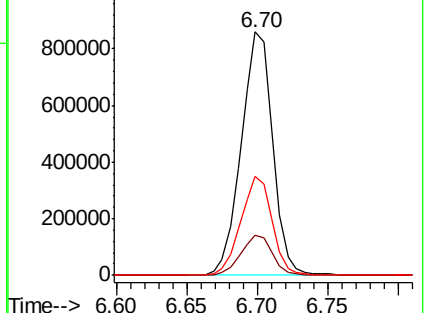
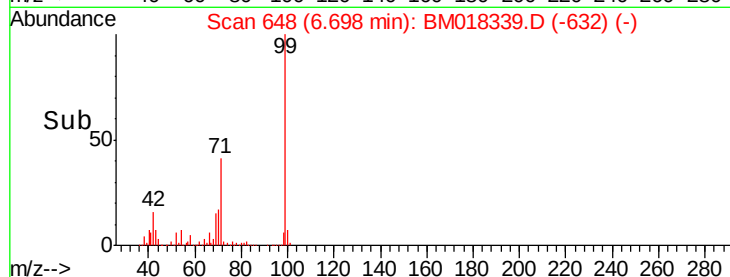
71 40.7 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018339.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018339.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018339.D (-632) (-)



#10

Phenol

Concen: 6.933 ng

RT: 6.72 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018339.D

Acq: 20 Dec 2018 20:34

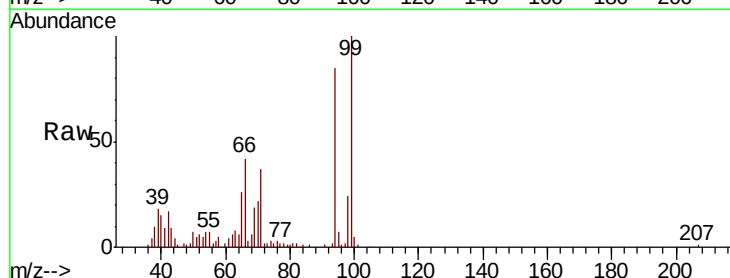
Tgt Ion: 94 Resp: 86365

Ion Ratio Lower Upper

94 100

65 30.3 9.5 49.5

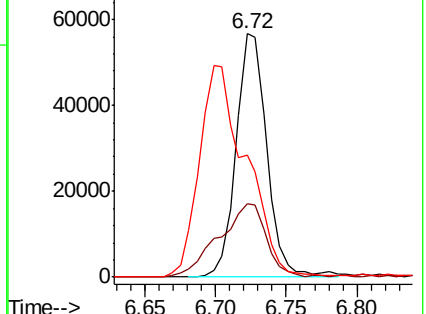
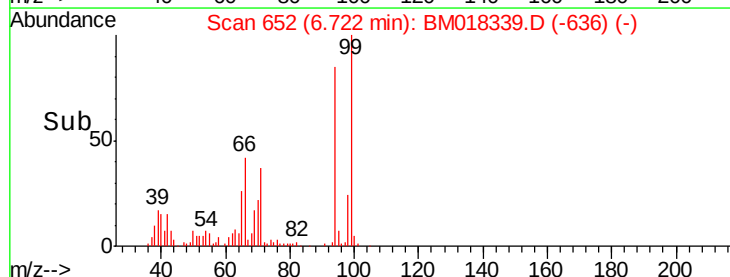
66 49.9 21.3 61.3

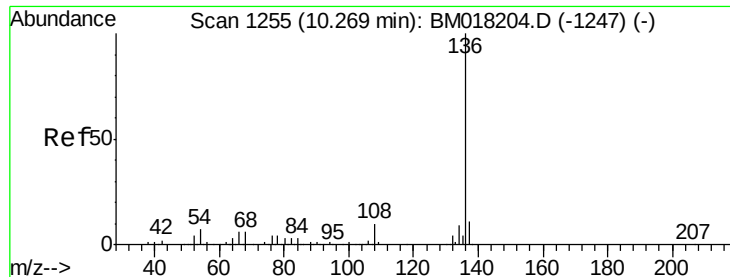


Abundance Ion 94.00 (93.70 to 94.70): BM018339.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018339.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018339.D (-636) (-)

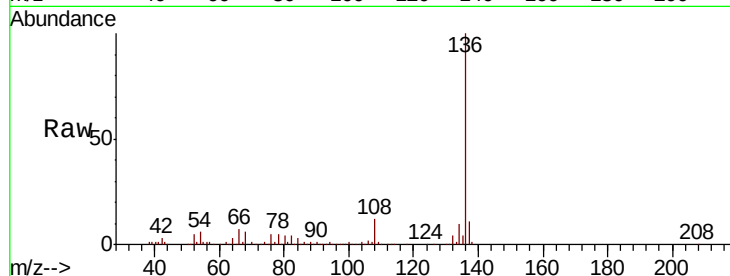




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018339.D
Acq: 20 Dec 2018 20:34

Instrument :
BNA_M
ClientSampleId :
P001-SS012-0006-01

Tgt Ion:	136	Resp:	562889
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.3	5.2	7.8
68	6.3	5.0	7.6



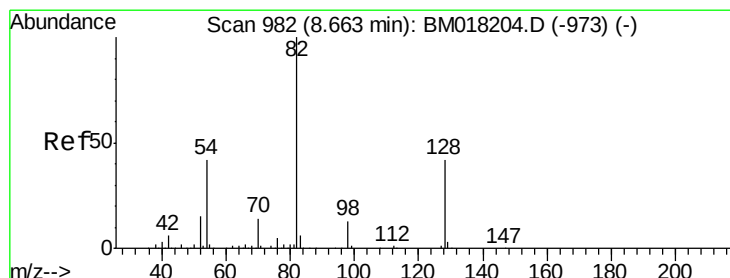
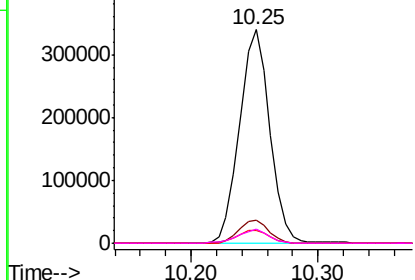
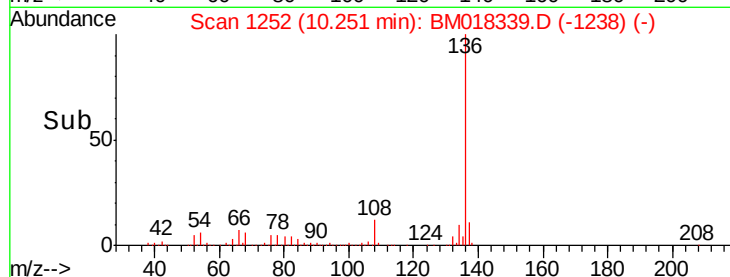
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

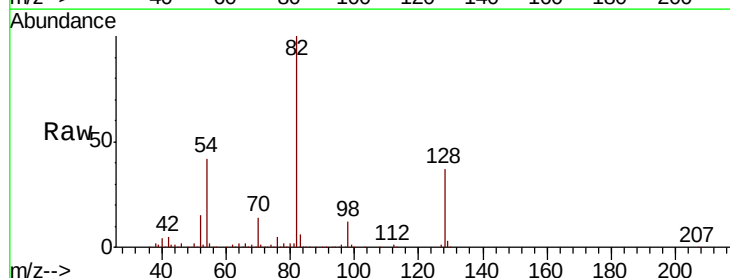
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23
Nitrobenzene-d5
Concen: 78.693 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018339.D
Acq: 20 Dec 2018 20:34

Tgt Ion:	82	Resp:	863569
Ion	Ratio	Lower	Upper
82	100		
128	37.2	33.4	50.2
54	42.3	33.4	50.2

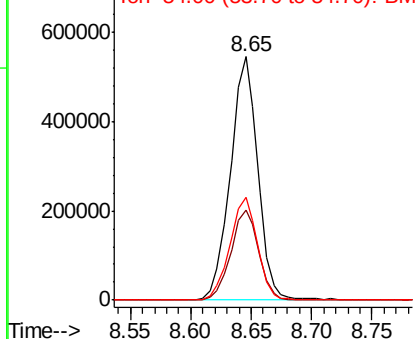
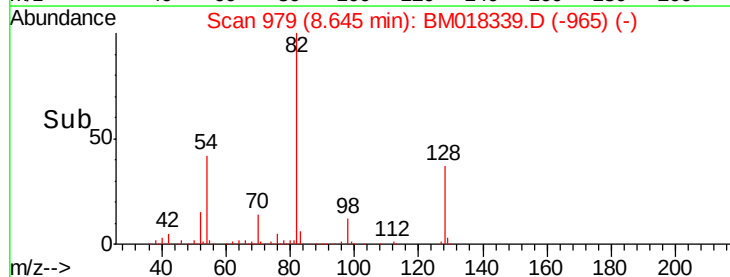


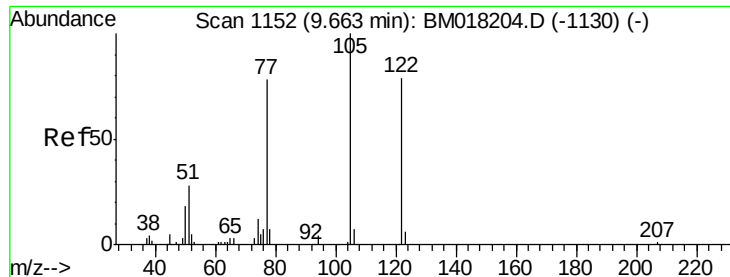
Abundance

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

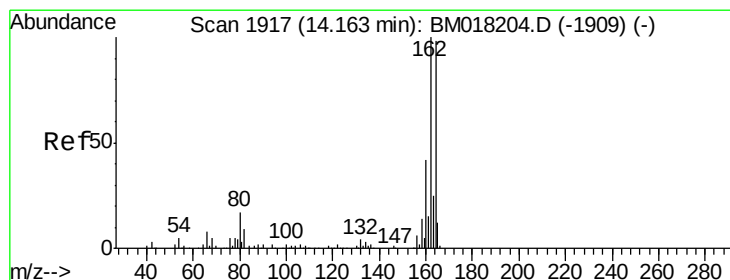
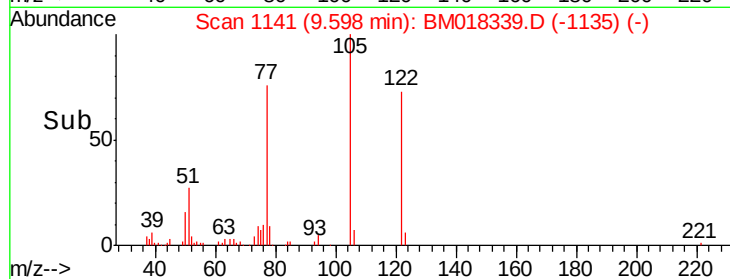
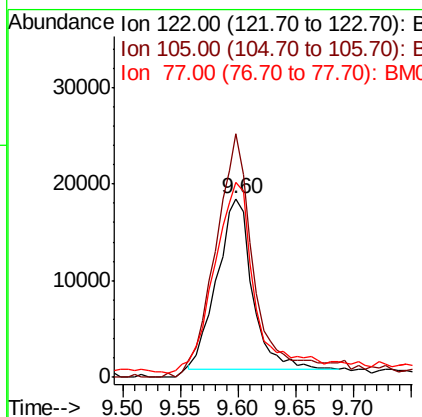
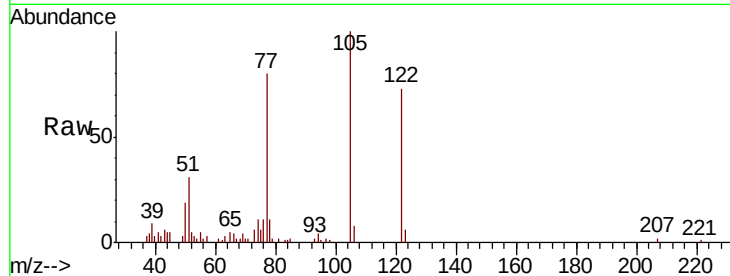




#32
Benzoic acid
Concen: 5.156 ng
RT: 9.60 min Scan# 1141
Delta R.T. -0.06 min
Lab File: BM018339.D
Acq: 20 Dec 2018 20:34

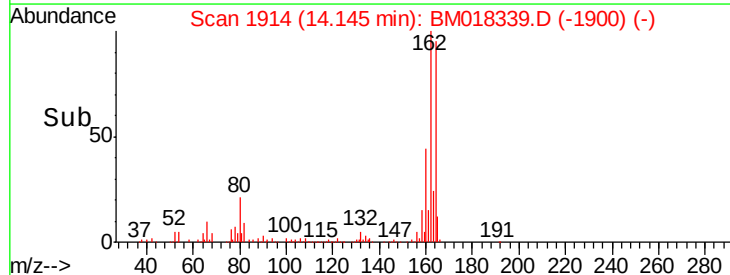
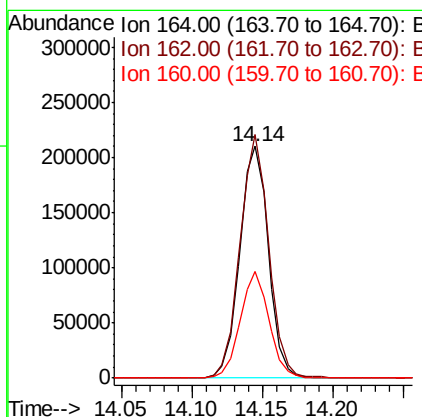
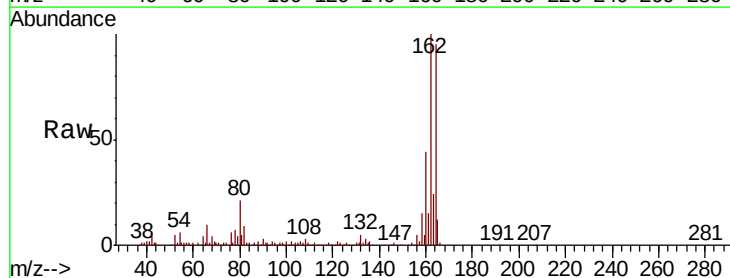
Instrument :
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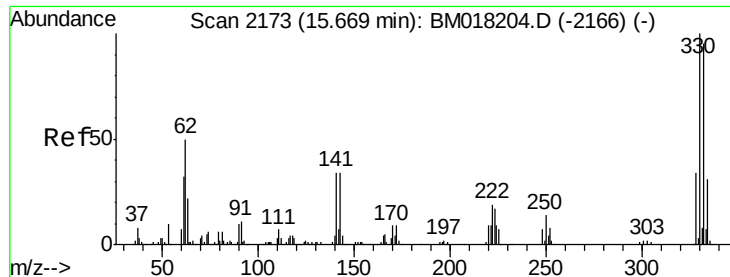
Tgt Ion:122 Resp: 37840
Ion Ratio Lower Upper
122 100
105 136.5 104.8 144.8
77 109.4 77.7 117.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018339.D
Acq: 20 Dec 2018 20:34

Tgt Ion:164 Resp: 297761
Ion Ratio Lower Upper
164 100
162 104.9 81.8 122.6
160 45.8 34.6 51.8

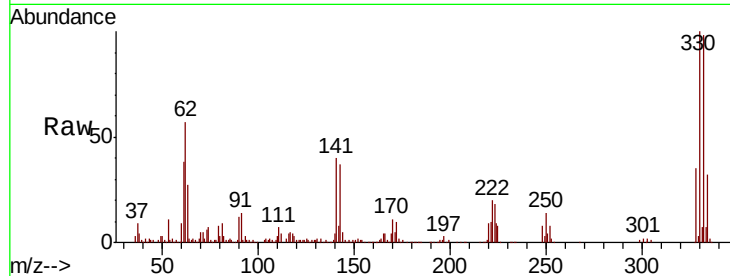




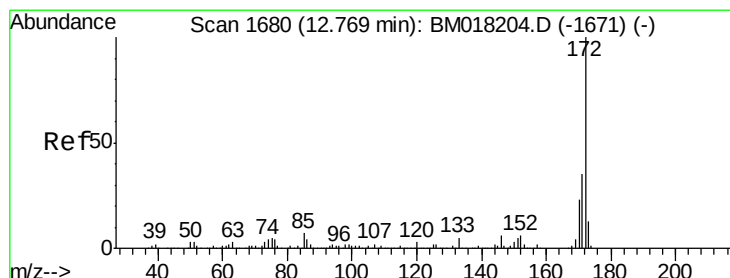
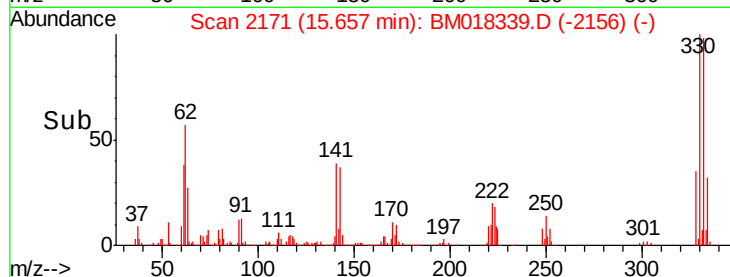
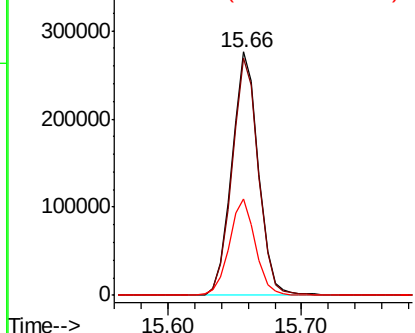
#42
 2,4,6-Tribromophenol
 Concen: 87.540 ng
 RT: 15.66 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM018339.D
 Acq: 20 Dec 2018 20:34

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS012-0006-01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.6	118.0
141	39.5	27.1	40.7

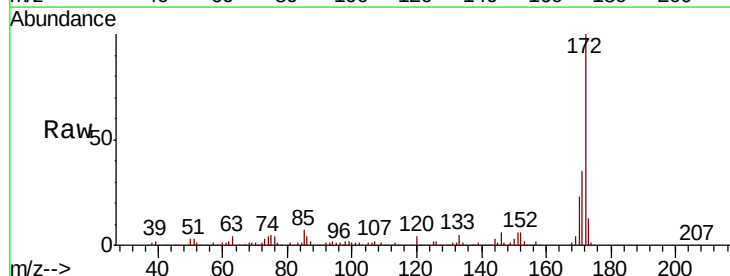


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

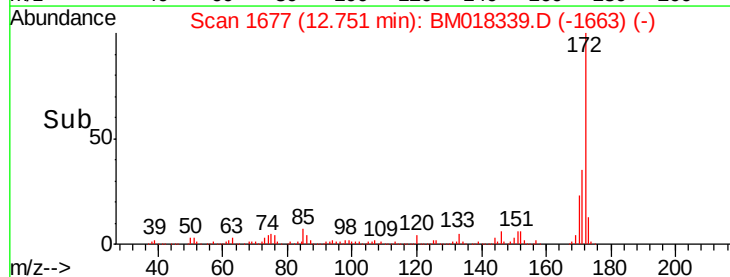
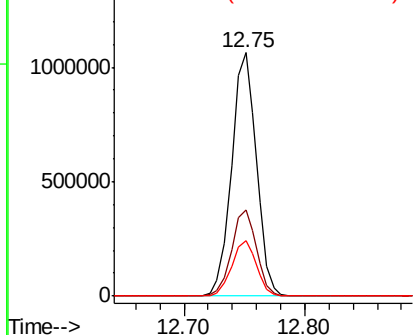


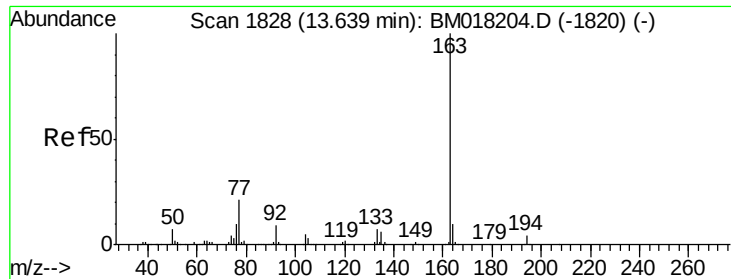
#45
 2-Fluorobiphenyl
 Concen: 66.323 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018339.D
 Acq: 20 Dec 2018 20:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	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: 7.945 ng

RT: 13.62 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BM018339.D

Acq: 20 Dec 2018 20:34

Instrument :

BNA_M

ClientSampleId :

P001-SS012-0006-01

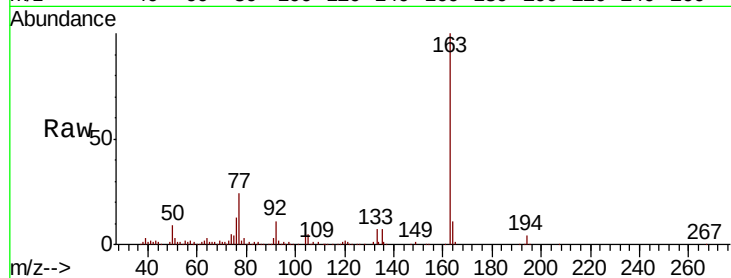
Tgt Ion:163 Resp: 196668

Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

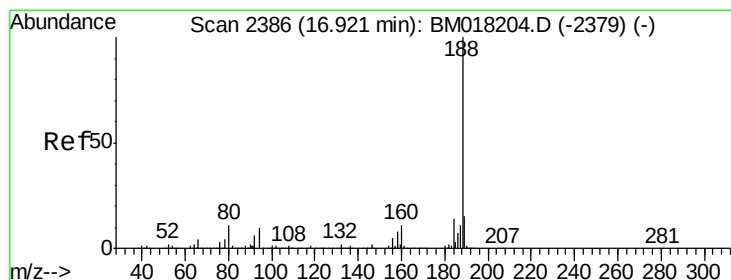
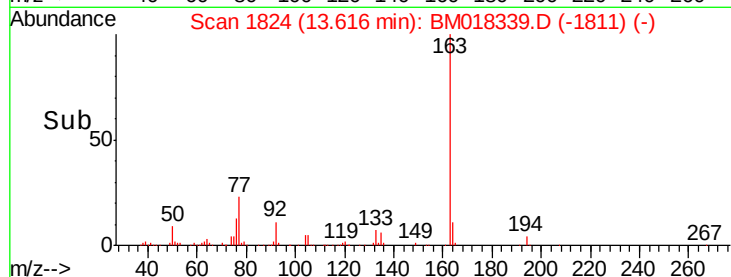
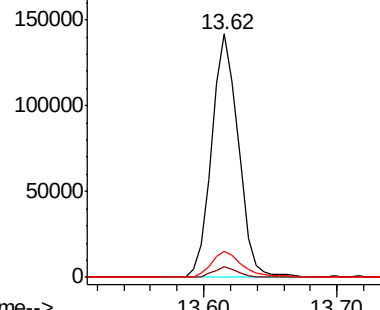
164 10.9 7.9 11.9



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: 16.91 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM018339.D

Acq: 20 Dec 2018 20:34

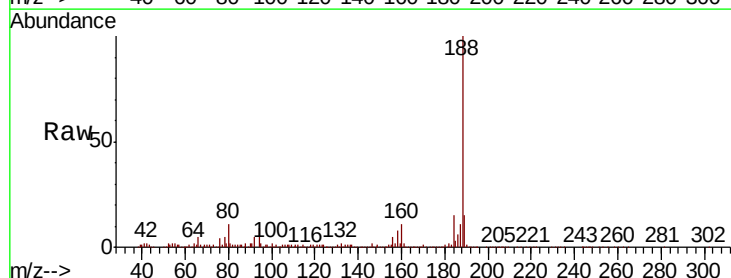
Tgt Ion:188 Resp: 573227

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

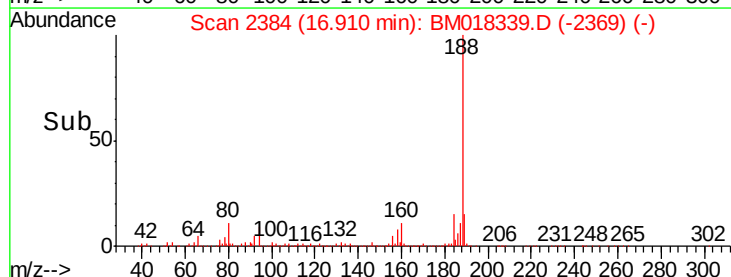
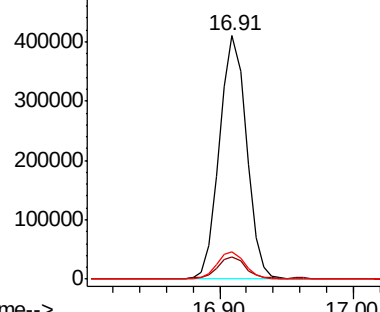
80 11.3 9.0 13.6

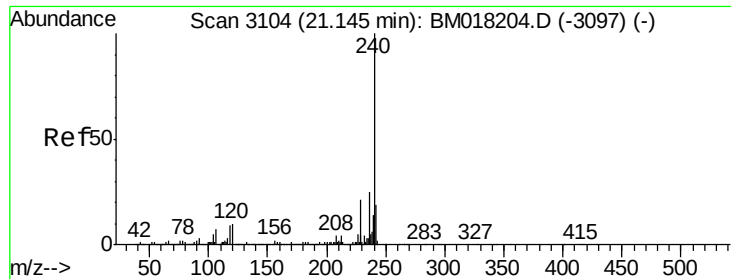


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

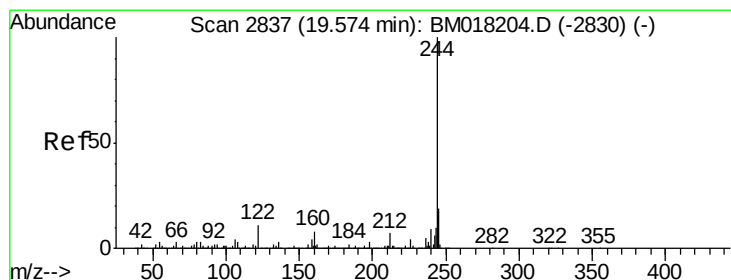
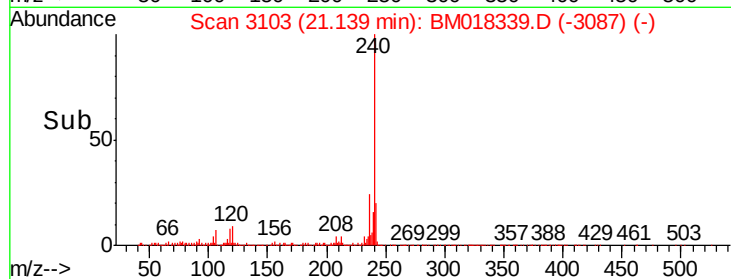
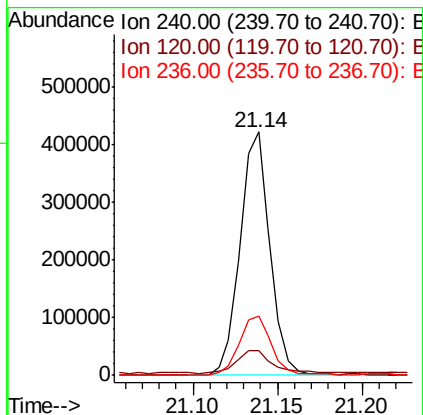
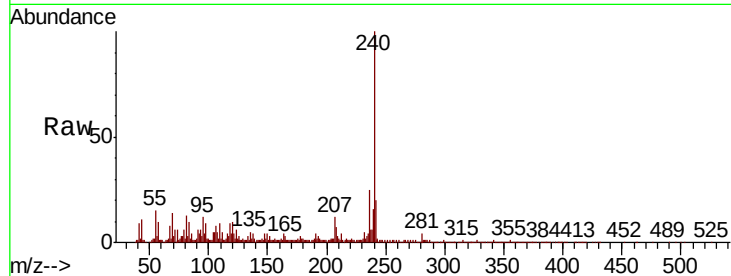




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018339.D
Acq: 20 Dec 2018 20:34

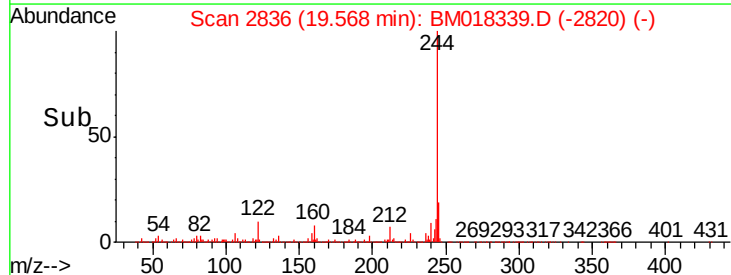
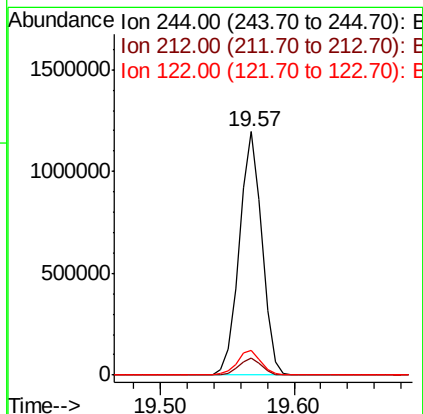
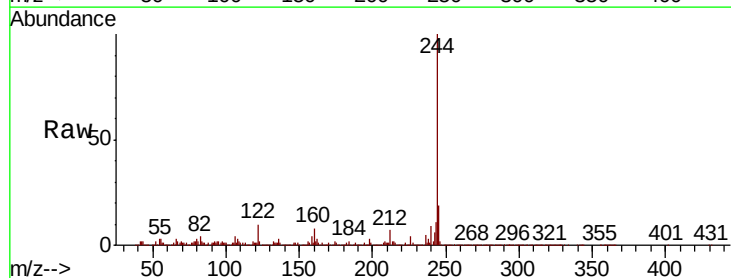
Instrument :
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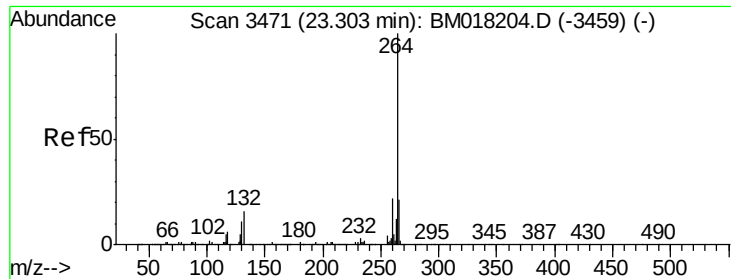
Tgt Ion:240 Resp: 514922
Ion Ratio Lower Upper
240 100
120 10.1 8.2 12.2
236 24.6 20.3 30.5



#79
Terphenyl-d14
Concen: 61.342 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BM018339.D
Acq: 20 Dec 2018 20:34

Tgt Ion:244 Resp: 1396604
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.0 9.0 13.6

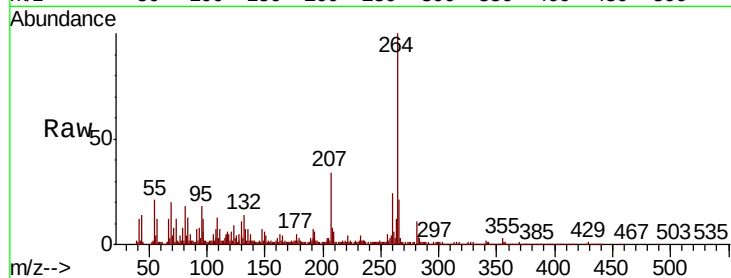




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3471
Delta R.T. -0.00 min
Lab File: BM018339.D
Acq: 20 Dec 2018 20:34

Instrument :
BNA_M
ClientSampleId :
P001-SS012-0006-01

Tgt Ion:	264	Resp:	558195
Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.5	26.3
265	21.4	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

