

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
 Data File : BM018356.D
 Acq On : 21 Dec 2018 12:30
 Operator : JU/SJ
 Sample : J6389-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013-0006-01

Quant Time: Dec 22 04:04:01 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

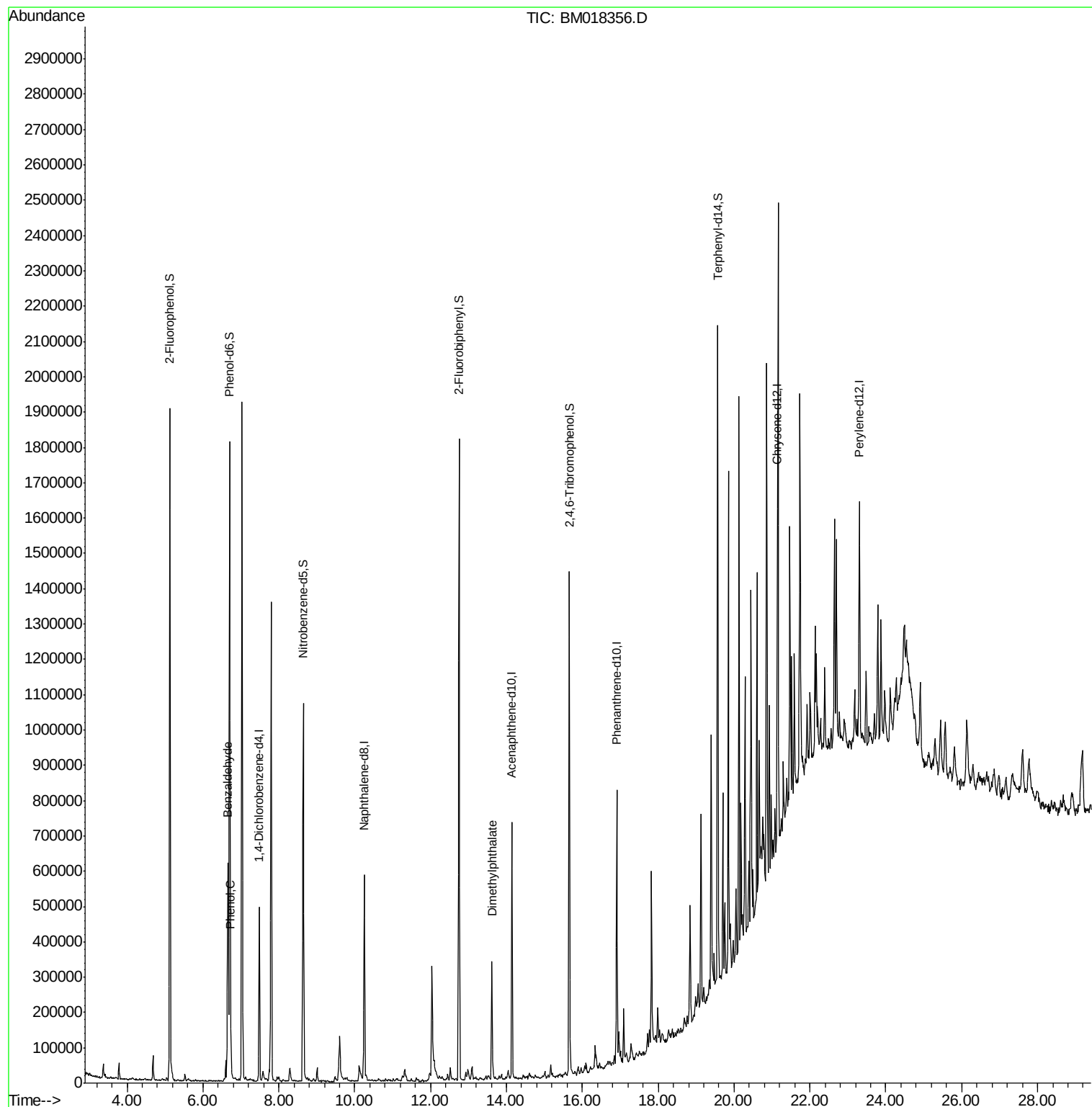
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	116065	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	438474	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	212959	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	397947	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	392653	20.00	ng	0.00
87) Perylene-d12	23.30	264	443930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	705118	101.49	ng	0.00
7) Phenol-d6	6.70	99	934882	96.81	ng	0.00
23) Nitrobenzene-d5	8.65	82	632889	74.04	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	233460	74.69	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	860067	52.31	ng	-0.02
79) Terphenyl-d14	19.57	244	744322	42.87	ng	0.00
Target Compounds						
9) Benzaldehyde	6.65	77	217858	37.011	ng	89
10) Phenol	6.73	94	93046	9.098	ng	89
50) Dimethylphthalate	13.62	163	187125	10.569	ng	99

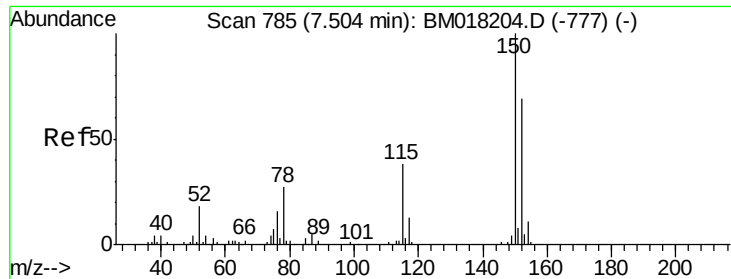
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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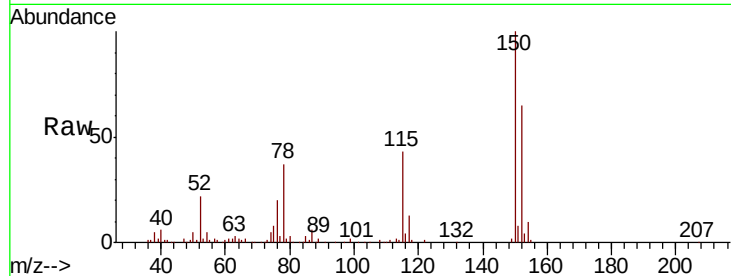


#1

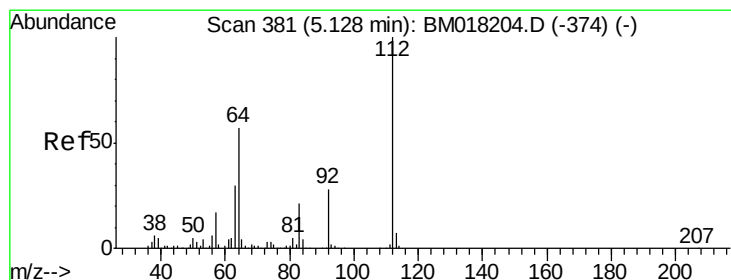
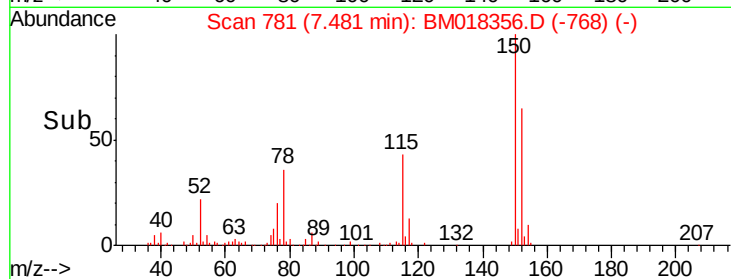
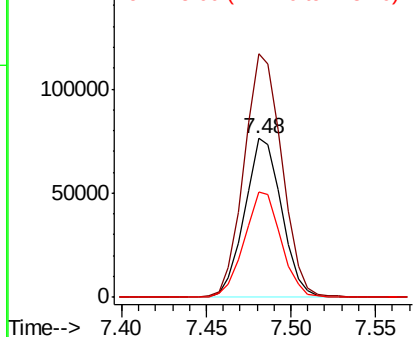
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018356.D
Acq: 21 Dec 2018 12:30

Instrument :
BNA_M
ClientSampleId :
P001-SS013-0006-01

Tot Ion:152 Resp: 116065
Ion Ratio Lower Upper
152 100
150 153.2 116.1 174.1
115 66.1 44.6 67.0



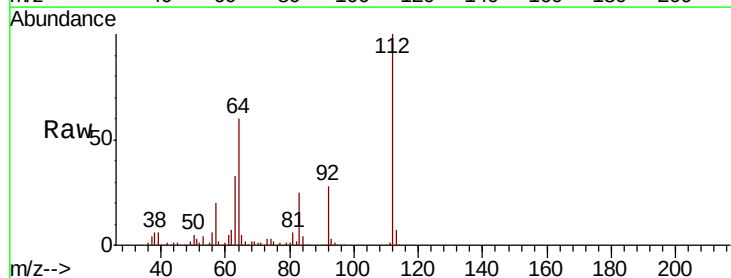
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



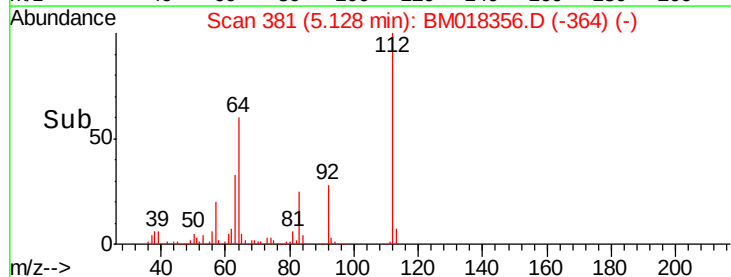
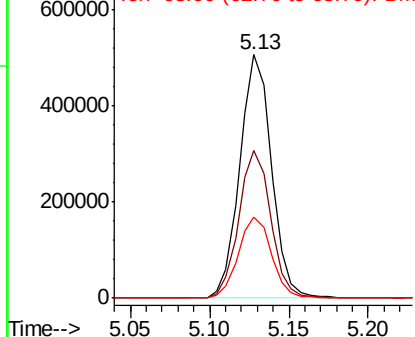
#5

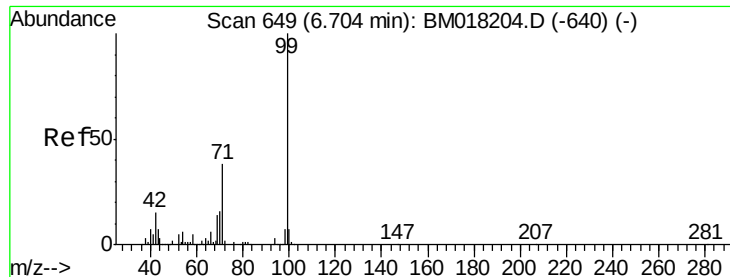
2-Fluorophenol
Concen: 101.485 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018356.D
Acq: 21 Dec 2018 12:30

Tgt Ion:112 Resp: 705118
Ion Ratio Lower Upper
112 100
64 60.4 45.4 68.2
63 33.4 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: 96.807 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018356.D

Acq: 21 Dec 2018 12:30

Instrument :

BNA_M

ClientSampleId :

P001-SS013-0006-01

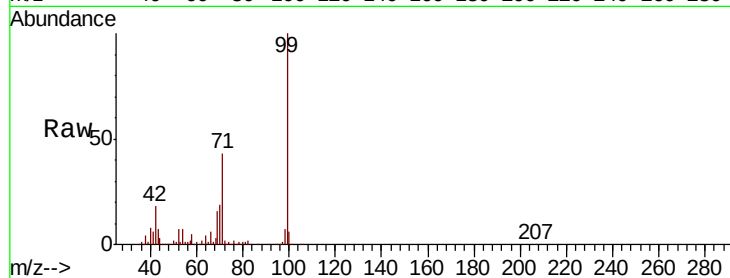
Tot Ion: 99 Resp: 934882

Ion Ratio Lower Upper

99 100

42 17.6 12.3 18.5

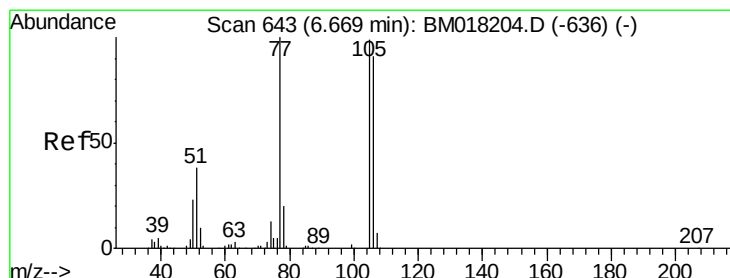
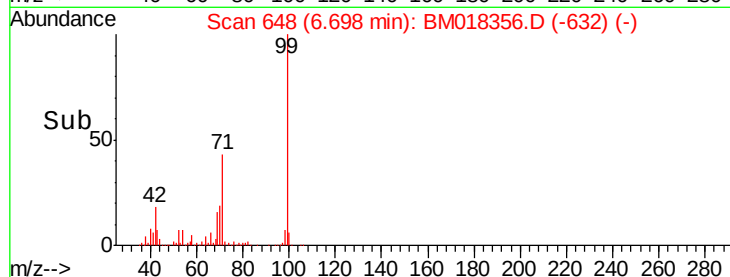
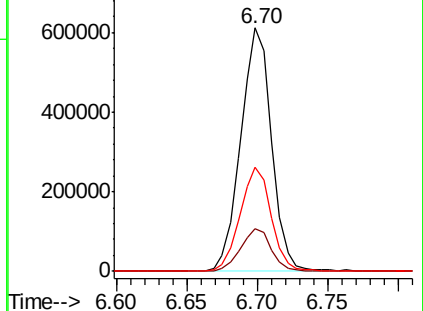
71 42.5 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018204.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM018204.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM018204.D (-640) (-)



#9

Benzaldehyde

Concen: 37.011 ng

RT: 6.65 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM018356.D

Acq: 21 Dec 2018 12:30

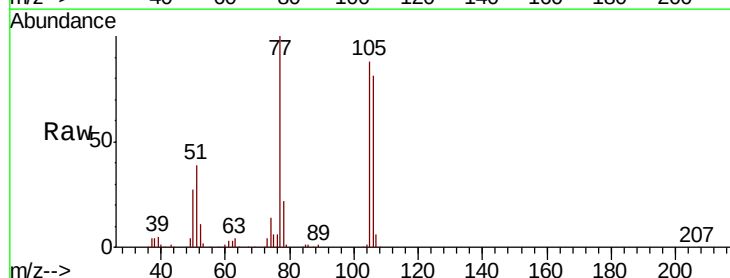
Tgt Ion: 77 Resp: 217858

Ion Ratio Lower Upper

77 100

105 88.0 78.8 118.8

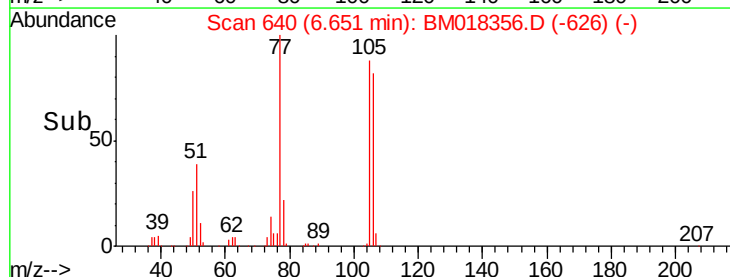
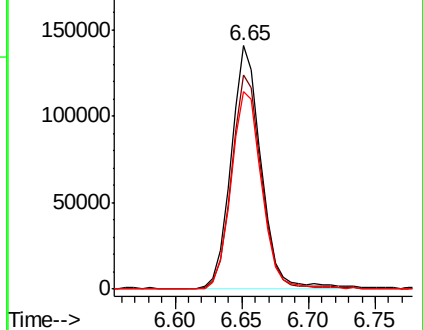
106 81.0 70.7 110.7

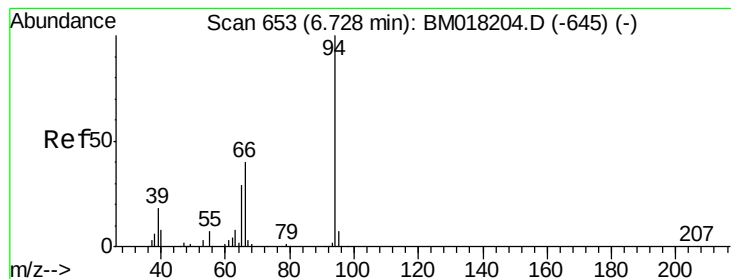


Abundance Ion 77.00 (76.70 to 77.70): BM018204.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM018204.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM018204.D (-636) (-)





#10

Phenol

Concen: 9.098 ng

RT: 6.73 min Scan# 653

Delta R.T. -0.00 min

Lab File: BM018356.D

Acq: 21 Dec 2018 12:30

Instrument :

BNA_M

ClientSampleId :

P001-SS013-0006-01

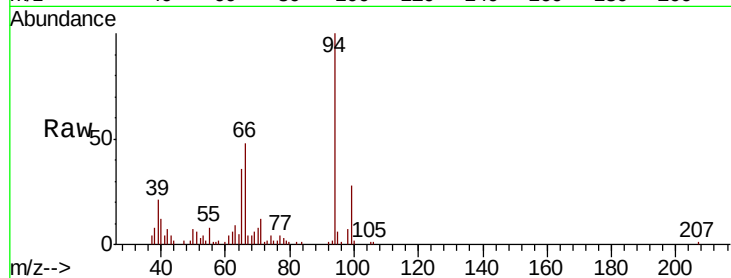
Tot Ion: 94 Resp: 93046

Ion Ratio Lower Upper

94 100

65 35.6 9.5 49.5

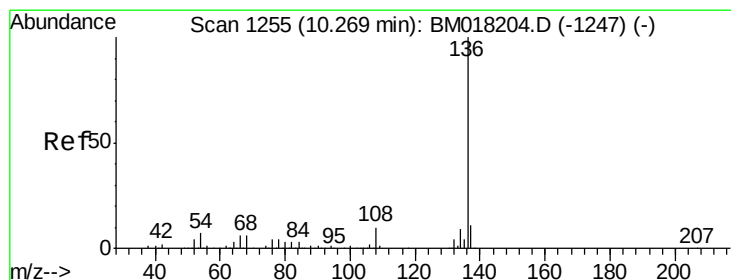
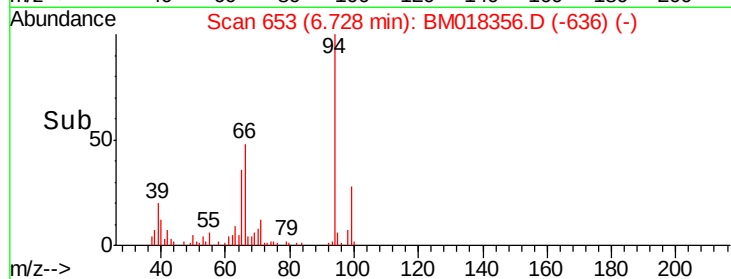
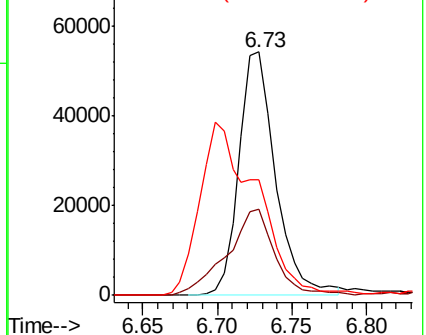
66 47.7 21.3 61.3



Abundance Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM018204.D (-645) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.25 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BM018356.D

Acq: 21 Dec 2018 12:30

Tgt Ion: 136 Resp: 438474

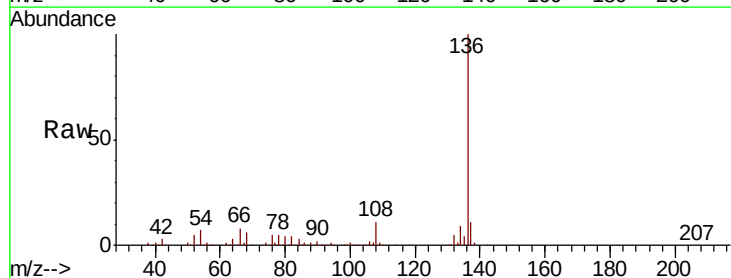
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 6.6 5.2 7.8

68 6.2 5.0 7.6

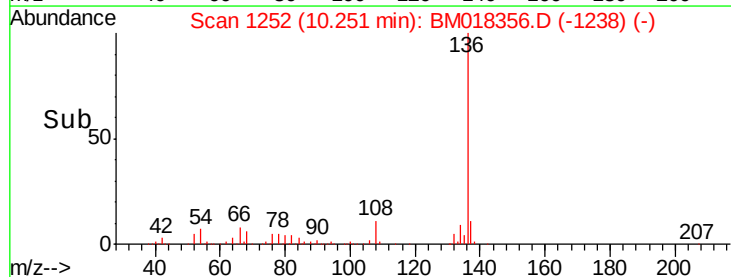
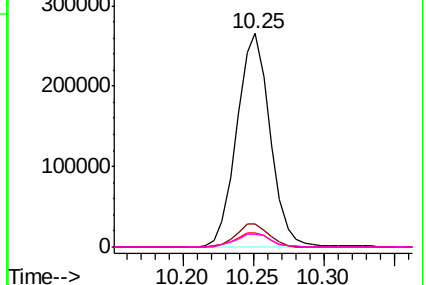


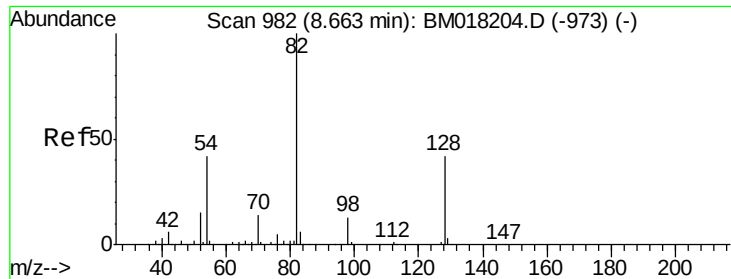
Abundance Ion 136.00 (135.70 to 136.70): BM018204.D (-1247) (-)

Ion 137.00 (136.70 to 137.70): BM018204.D (-1247) (-)

Ion 54.00 (53.70 to 54.70): BM018204.D (-1247) (-)

Ion 68.00 (67.70 to 68.70): BM018204.D (-1247) (-)

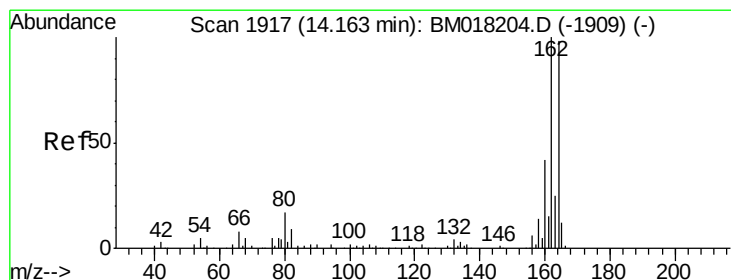
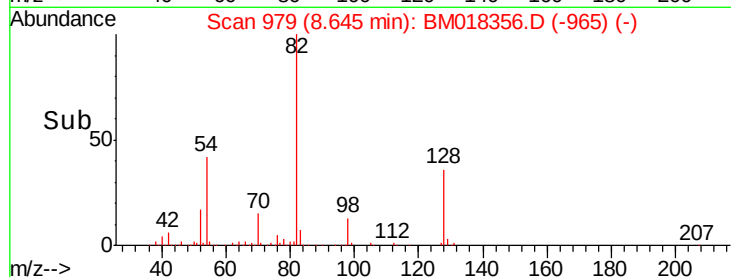
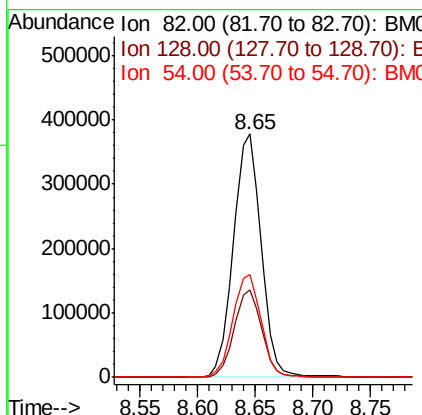
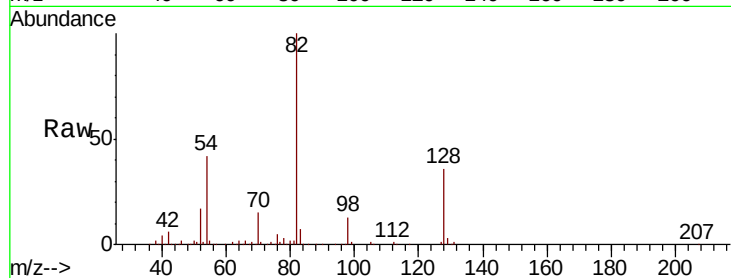




#23
 Nitrobenzene-d5
 Concen: 74.037 ng
 RT: 8.65 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BM018356.D
 Acq: 21 Dec 2018 12:30

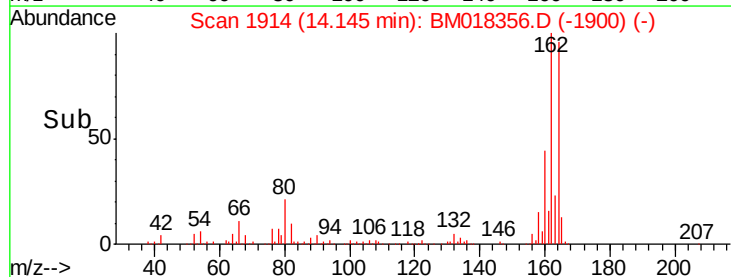
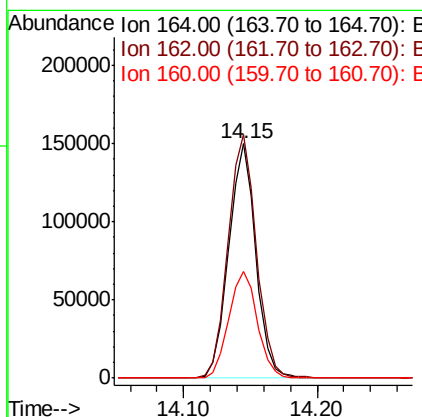
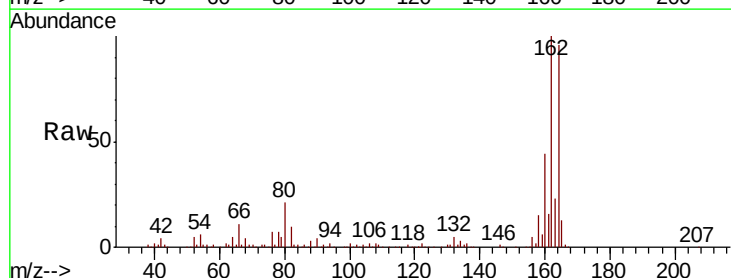
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013-0006-01

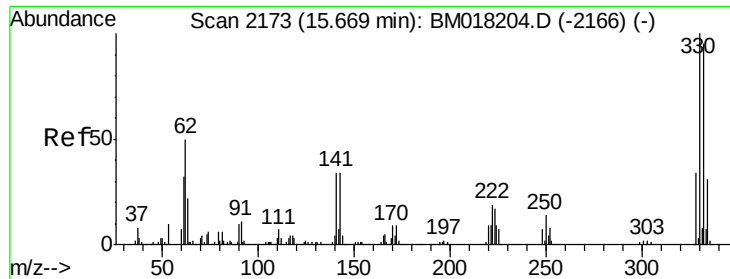
Tot Ion	82	Resp	632889
Ion Ratio	Lower	Upper	
82	100		
128	36.1	33.4	50.2
54	42.0	33.4	50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.15 min Scan# 1914
 Delta R.T. -0.02 min
 Lab File: BM018356.D
 Acq: 21 Dec 2018 12:30

Tgt Ion	164	Resp	212959
Ion Ratio	Lower	Upper	
164	100		
162	104.0	81.8	122.6
160	45.4	34.6	51.8





#42

2,4,6-Tribromophenol

Concen: 74.692 ng

RT: 15.66 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018356.D

Acq: 21 Dec 2018 12:30

Instrument :

BNA_M

ClientSampleId :

P001-SS013-0006-01

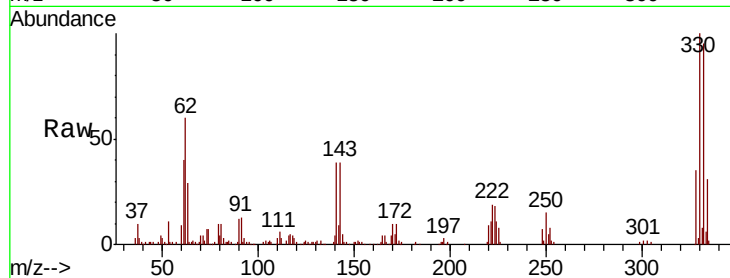
Tot Ion:330 Resp: 233460

Ion Ratio Lower Upper

330 100

332 95.9 78.6 118.0

141 40.4 27.1 40.7

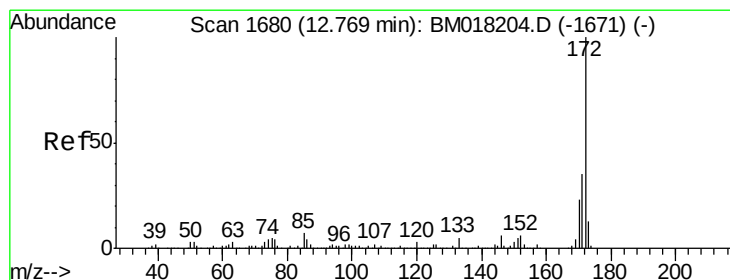
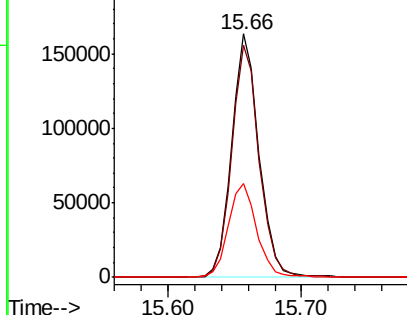
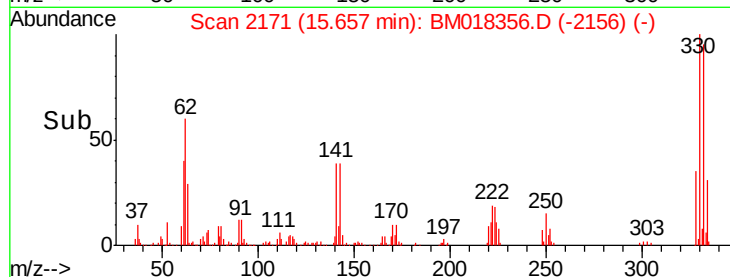


Abundance

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: 52.310 ng

RT: 12.75 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BM018356.D

Acq: 21 Dec 2018 12:30

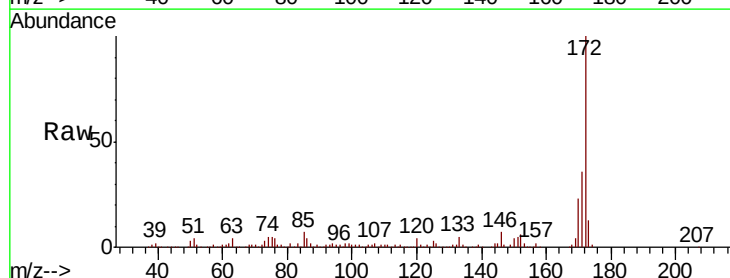
Tgt Ion:172 Resp: 860067

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 22.6 18.1 27.1

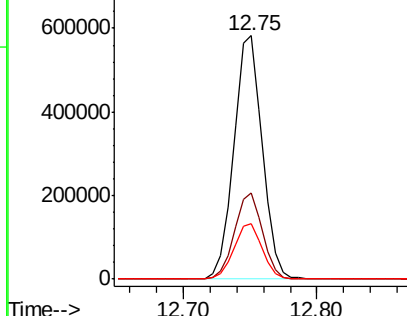
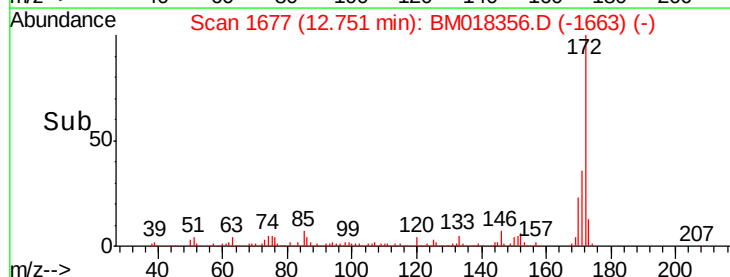


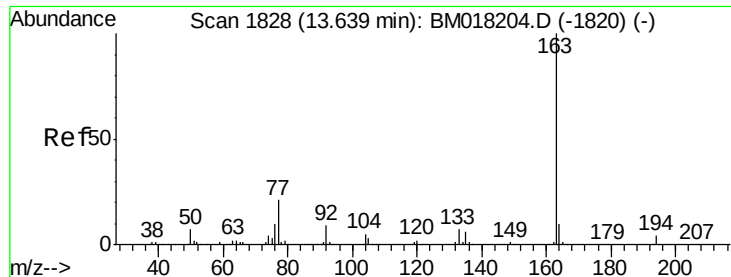
Abundance

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: 10.569 ng

RT: 13.62 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BM018356.D

Acq: 21 Dec 2018 12:30

Instrument :

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ClientSampleId :

P001-SS013-0006-01

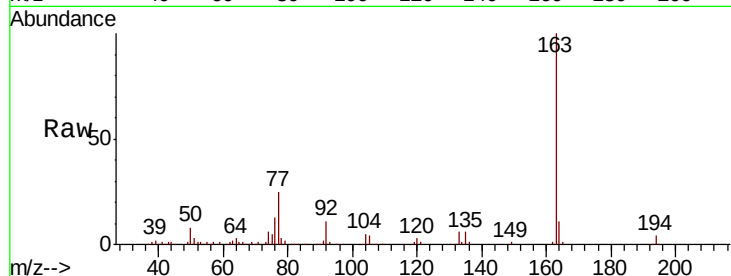
Tot Ion:163 Resp: 187125

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

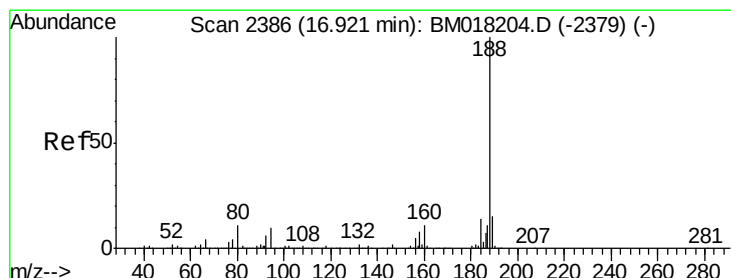
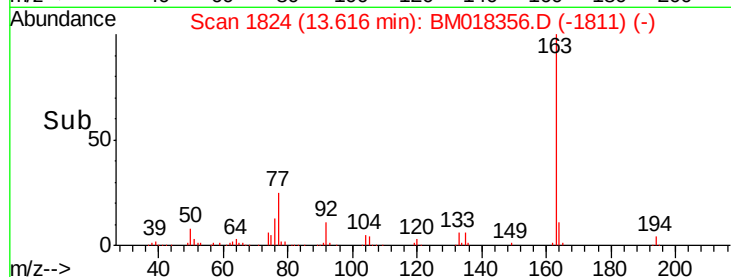
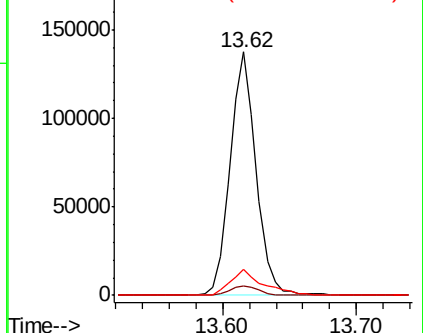
164 10.5 7.9 11.9



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: BM018356.D

Acq: 21 Dec 2018 12:30

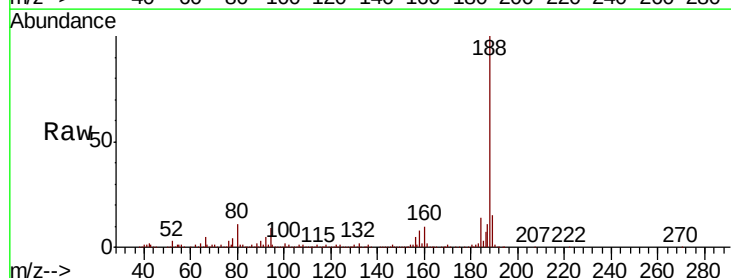
Tgt Ion:188 Resp: 397947

Ion Ratio Lower Upper

188 100

94 8.8 8.0 12.0

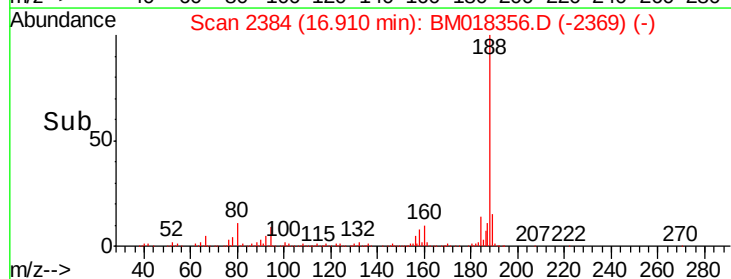
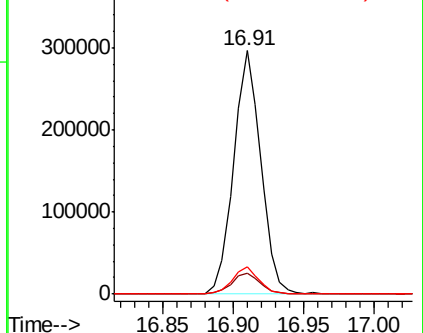
80 11.4 9.0 13.6

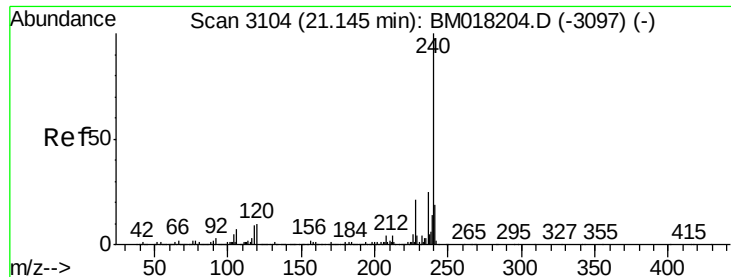


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

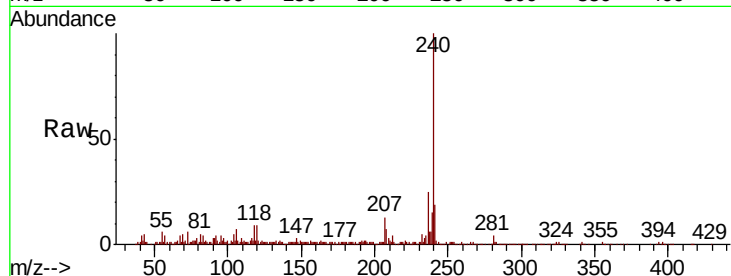




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.14 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM018356.D
 Acq: 21 Dec 2018 12:30

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013-0006-01

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

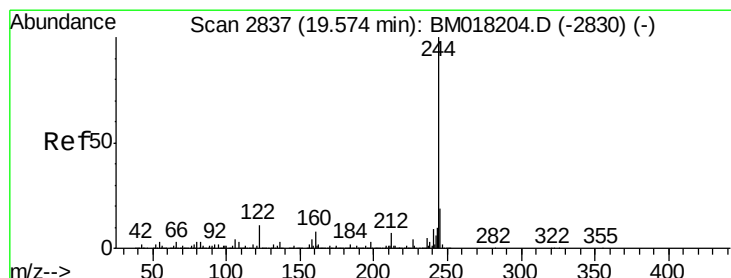
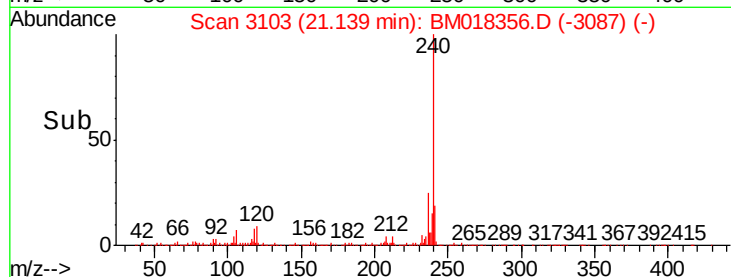
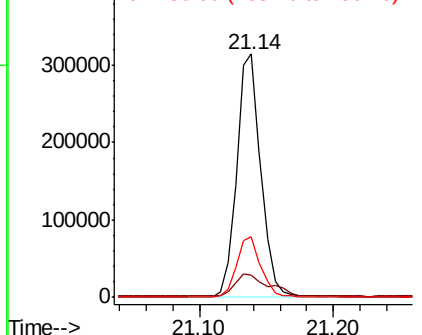


Abundance

Ion 240.00 (239.70 to 240.70): E

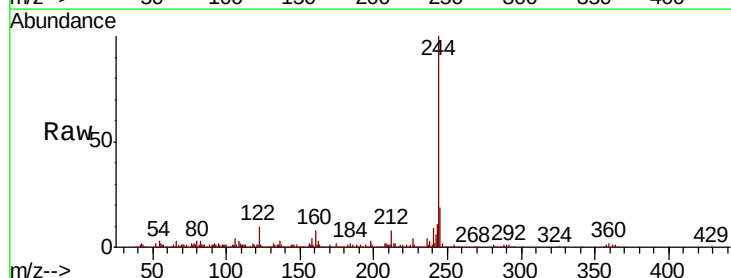
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79
 Terphenyl-d14
 Concen: 42.872 ng
 RT: 19.57 min Scan# 2836
 Delta R.T. -0.01 min
 Lab File: BM018356.D
 Acq: 21 Dec 2018 12:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	9.7	9.0	13.6

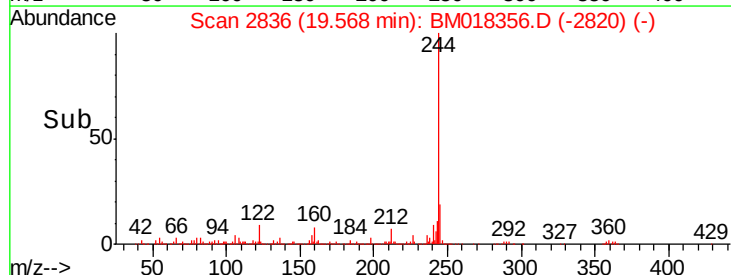
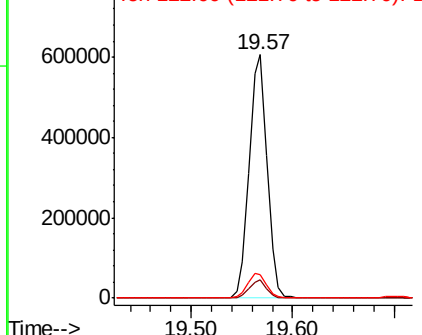


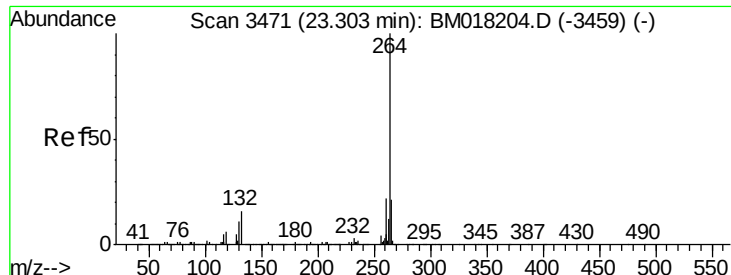
Abundance

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

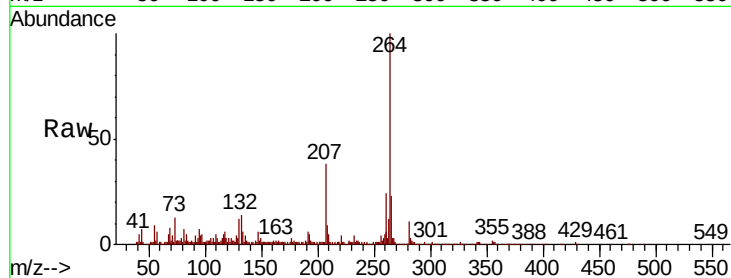




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3471
Delta R.T. -0.00 min
Lab File: BM018356.D
Acq: 21 Dec 2018 12:30

Instrument :
BNA_M
ClientSampleId :
P001-SS013-0006-01

Tot Ion:	264	Resp:	443930
Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.5	26.3
265	22.6	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

