

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
 Data File : BM018357.D
 Acq On : 21 Dec 2018 13:07
 Operator : JU/SJ
 Sample : J6389-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS015-0006-01

Quant Time: Dec 22 04:08:42 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

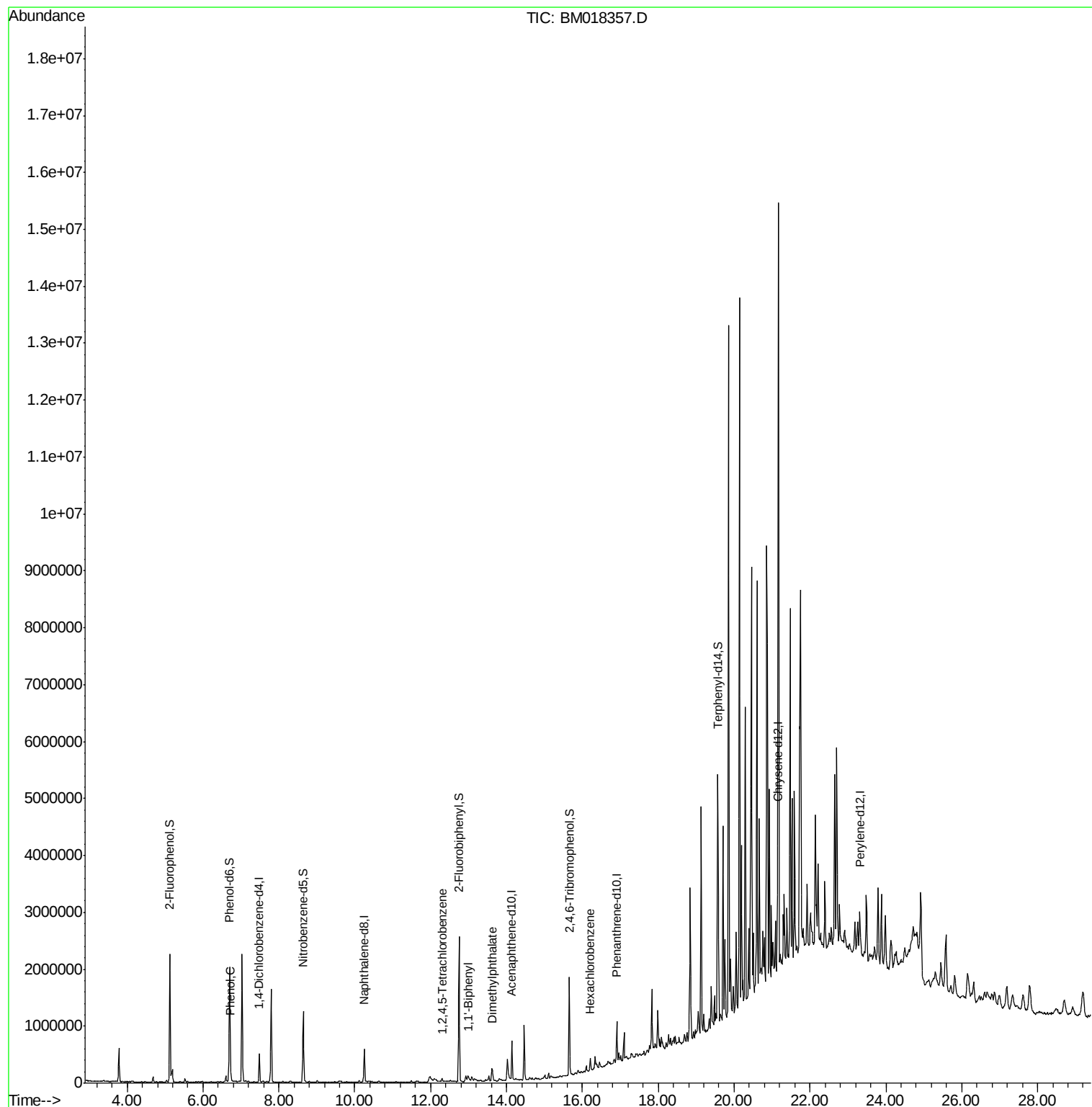
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	119183	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	428123	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	207293	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	374716	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	441116	20.00	ng	0.00
87) Perylene-d12	23.31	264	455087	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	838628	117.54	ng	0.00
7) Phenol-d6	6.70	99	1094240	110.34	ng	0.00
23) Nitrobenzene-d5	8.65	82	730693	87.54	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	276136	90.76	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1232959	77.04	ng	-0.02
79) Terphenyl-d14	19.57	244	1272977	65.27	ng	0.00
Target Compounds						
10) Phenol	6.73	94	95822	9.124	ng	91
40) 1,2,4,5-Tetrachlorobenzene	12.31	216	16787	2.355	ng	95
46) 1,1'-Biphenyl	12.97	154	58195	3.121	ng	92
50) Dimethylphthalate	13.62	163	117533	6.820	ng	96
68) Hexachlorobenzene	16.22	284	40218	8.089	ng	95

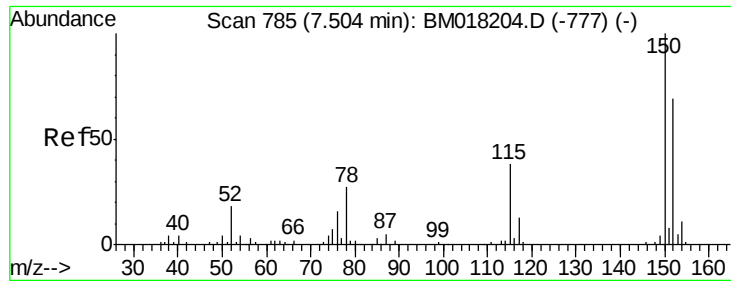
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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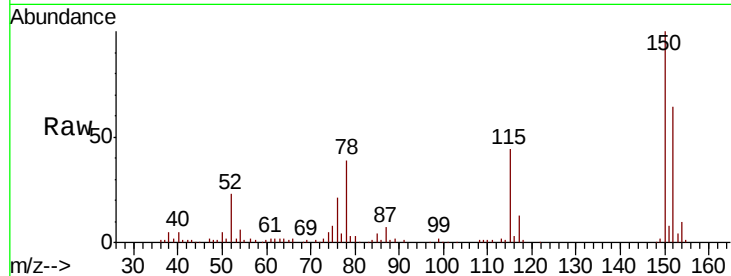


#1

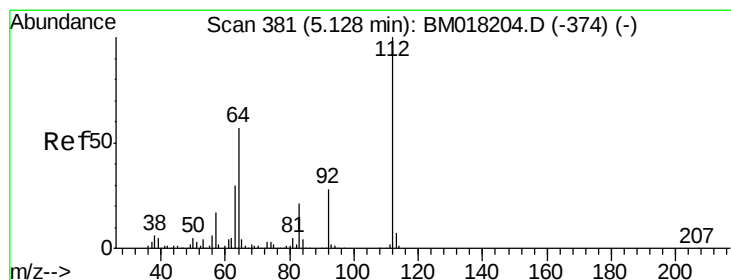
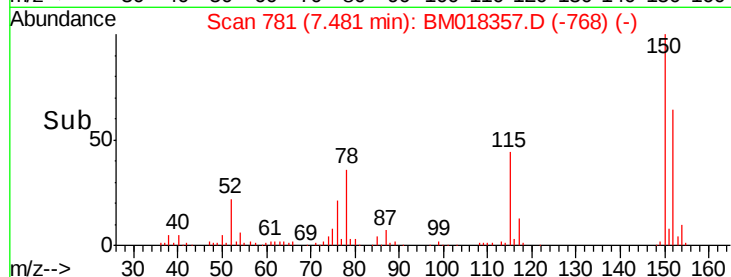
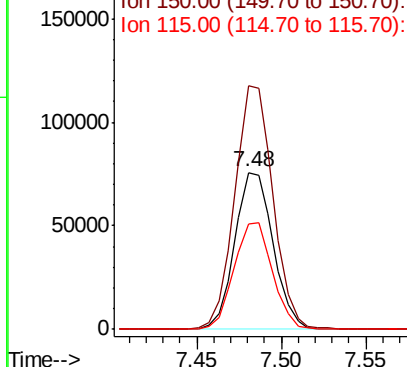
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018357.D
Acq: 21 Dec 2018 13:07

Instrument :
BNA_M
ClientSampleId :
P001-SS015-0006-01

Tot Ion:152 Resp: 119183
Ion Ratio Lower Upper
152 100
150 155.1 116.1 174.1
115 67.5 44.6 67.0#



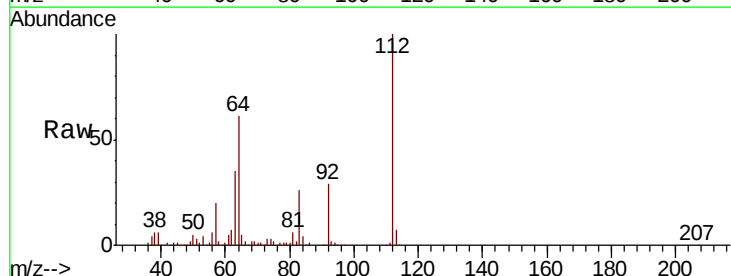
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



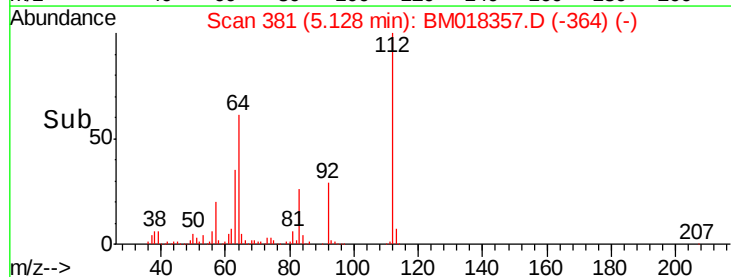
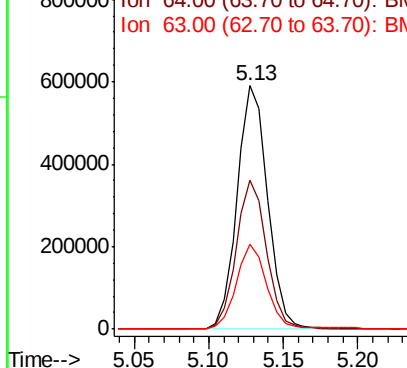
#5

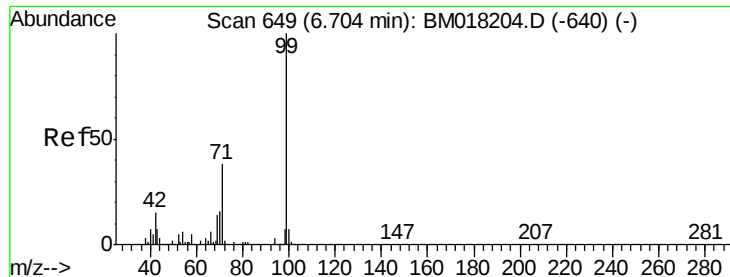
2-Fluorophenol
Concen: 117.543 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018357.D
Acq: 21 Dec 2018 13:07

Tgt Ion:112 Resp: 838628
Ion Ratio Lower Upper
112 100
64 61.1 45.4 68.2
63 34.7 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: 110.345 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018357.D

Acq: 21 Dec 2018 13:07

Instrument :

BNA_M

ClientSampleId :

P001-SS015-0006-01

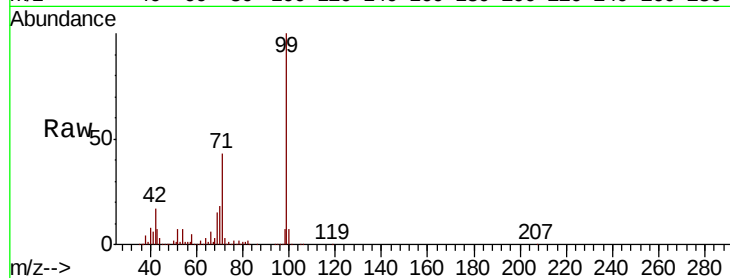
Tot Ion: 99 Resp: 1094240

Ion Ratio Lower Upper

99 100

42 17.3 12.3 18.5

71 42.8 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) (-)

6.70

800000

600000

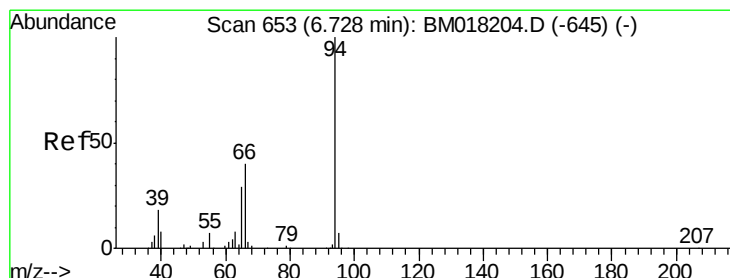
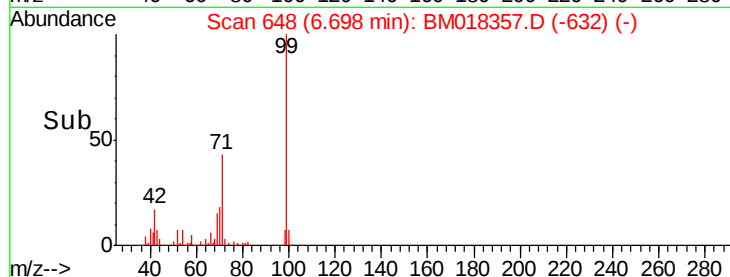
400000

200000

0

6.60 6.65 6.70 6.75

Time-->



#10

Phenol

Concen: 9.124 ng

RT: 6.73 min Scan# 653

Delta R.T. -0.00 min

Lab File: BM018357.D

Acq: 21 Dec 2018 13:07

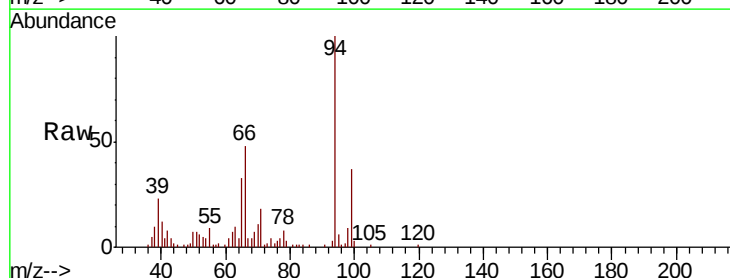
Tgt Ion: 94 Resp: 95822

Ion Ratio Lower Upper

94 100

65 33.3 9.5 49.5

66 48.2 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) (-)

80000

60000

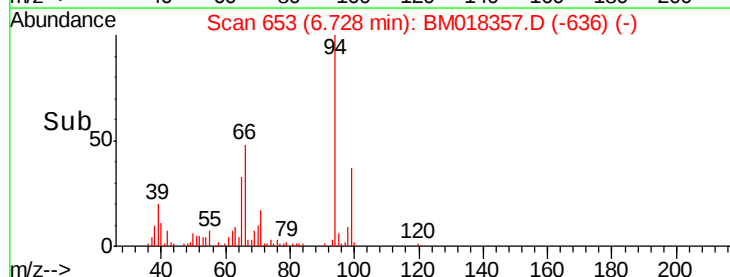
40000

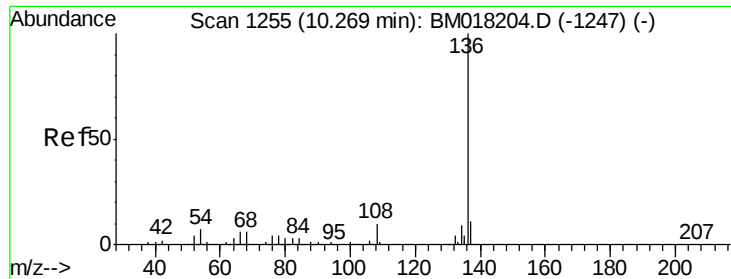
20000

0

6.65 6.70 6.75 6.80

Time-->

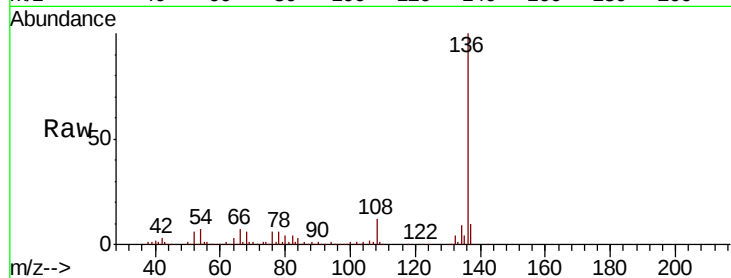




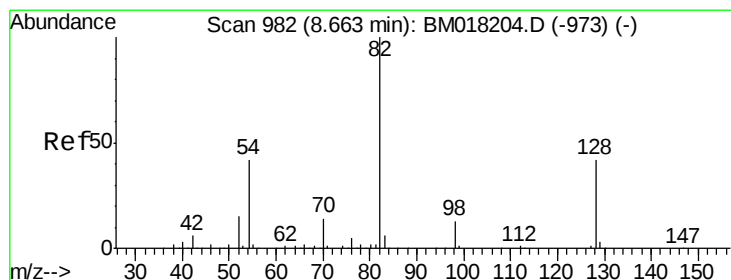
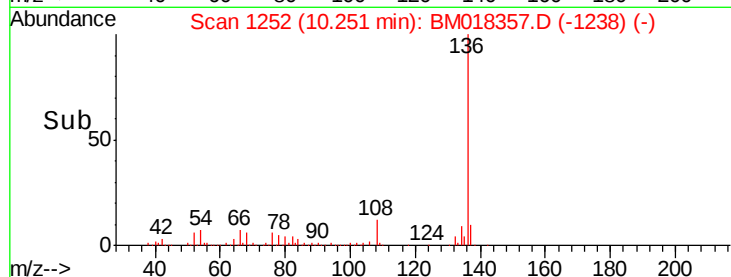
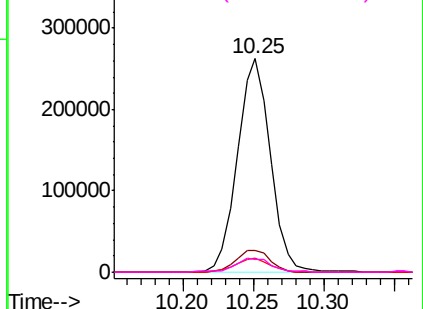
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018357.D
Acq: 21 Dec 2018 13:07

Instrument :
BNA_M
ClientSampleId :
P001-SS015-0006-01

Tot Ion:136	Resp:	428123
Ion	Ratio	Lower Upper
136	100	
137	10.2	9.2 13.8
54	6.7	5.2 7.8
68	6.0	5.0 7.6

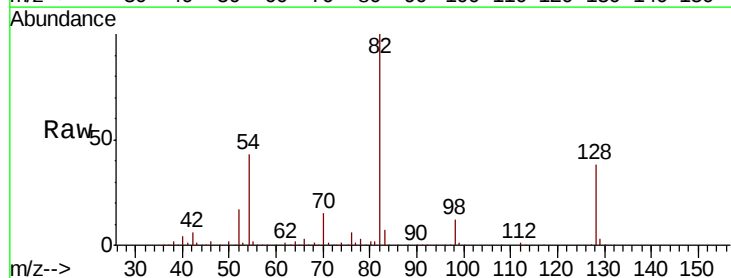


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

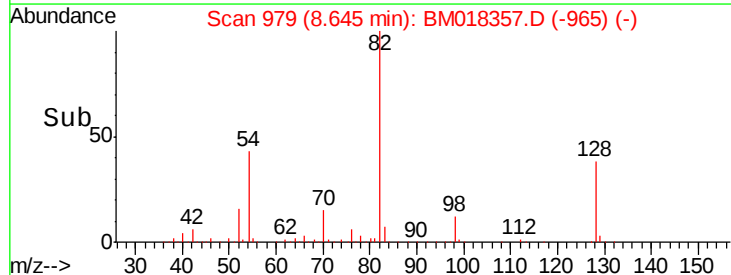
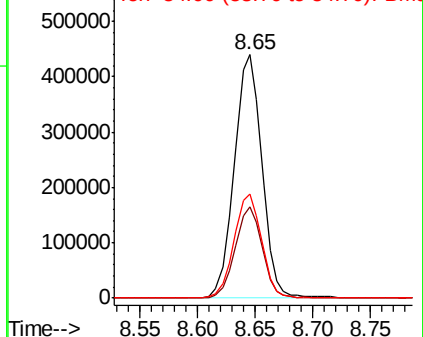


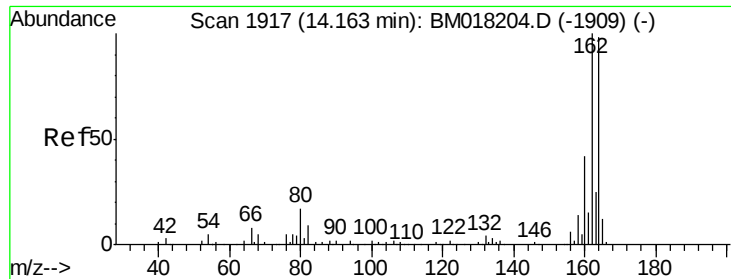
#23
Nitrobenzene-d5
Concen: 87.545 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018357.D
Acq: 21 Dec 2018 13:07

Tgt Ion: 82	Resp:	730693
Ion	Ratio	Lower Upper
82	100	
128	37.5	33.4 50.2
54	43.0	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: 14.14 min Scan# 1914

Delta R.T. -0.02 min

Lab File: BM018357.D

Acq: 21 Dec 2018 13:07

Instrument :

BNA_M

ClientSampleId :

P001-SS015-0006-01

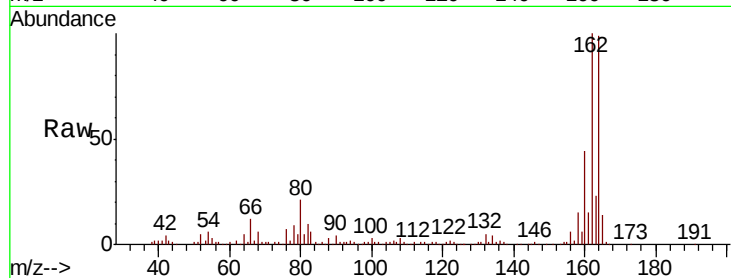
Tot Ion:164 Resp: 207293

Ion Ratio Lower Upper

164 100

162 100.8 81.8 122.6

160 44.1 34.6 51.8

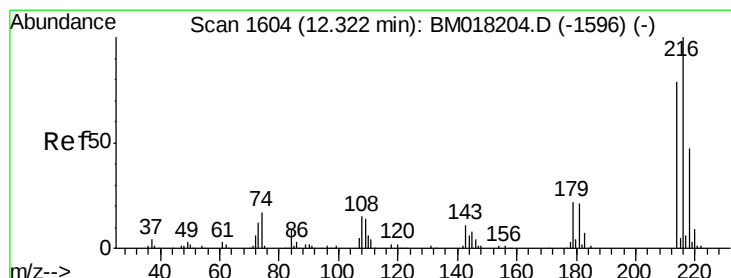
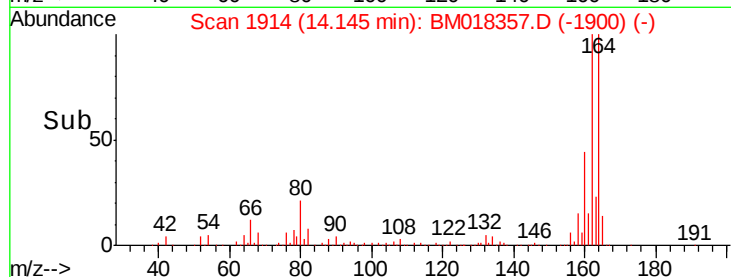
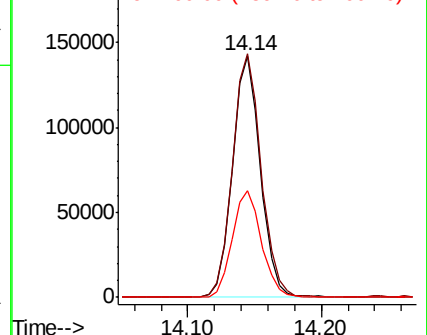


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.355 ng

RT: 12.31 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BM018357.D

Acq: 21 Dec 2018 13:07

Tgt Ion:216 Resp: 16787

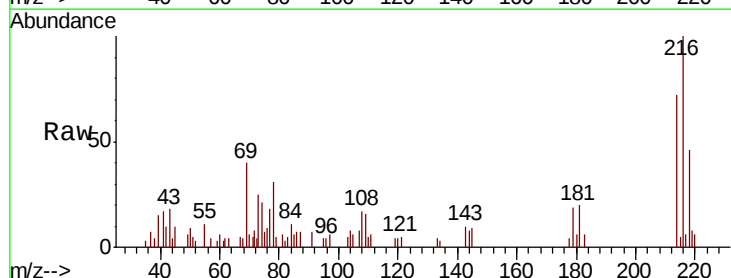
Ion Ratio Lower Upper

216 100

214 73.3 63.4 95.0

179 20.3 17.2 25.8

108 17.7 14.6 21.8



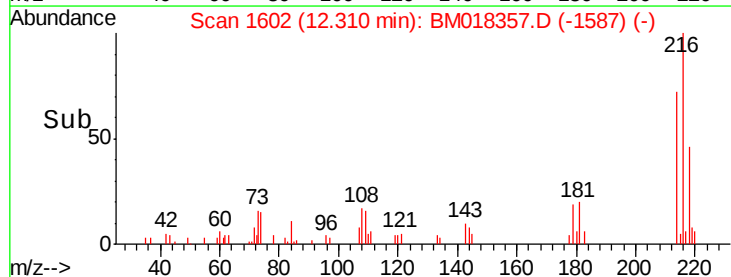
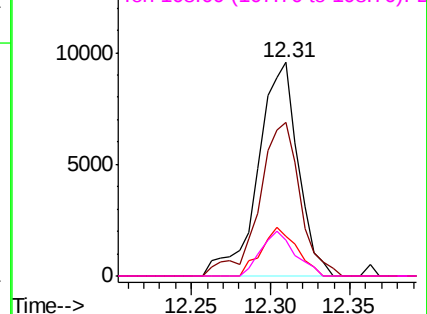
Abundance

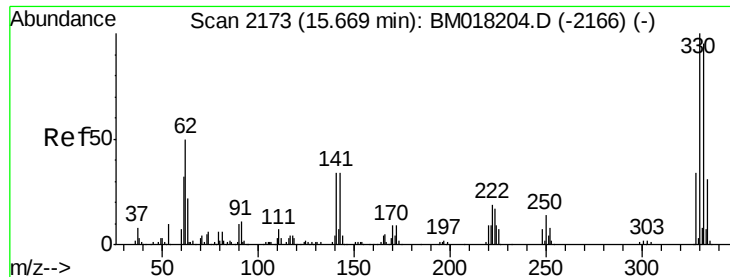
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#42

2,4,6-Tribromophenol

Concen: 90.760 ng

RT: 15.66 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018357.D

Acq: 21 Dec 2018 13:07

Instrument :

BNA_M

ClientSampleId :

P001-SS015-0006-01

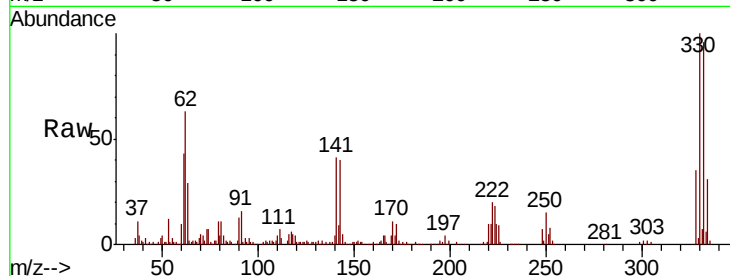
Tot Ion:330 Resp: 276136

Ion Ratio Lower Upper

330 100

332 96.8 78.6 118.0

141 40.9 27.1 40.7#

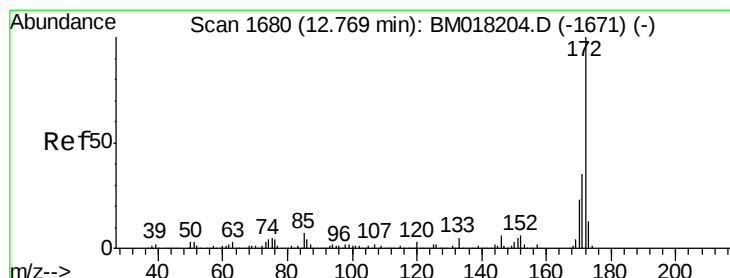
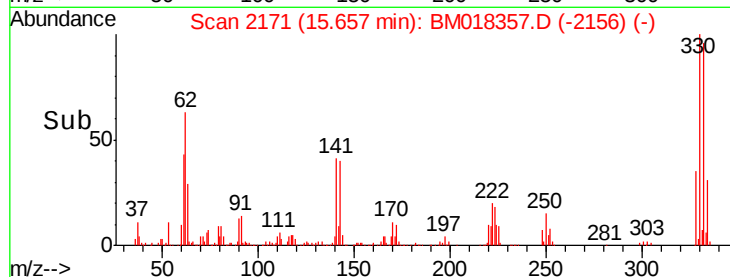
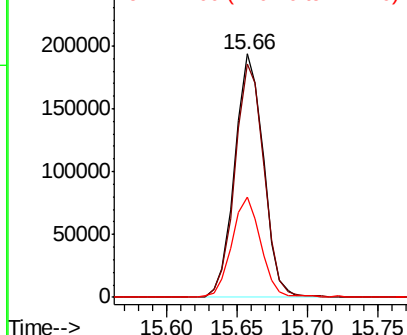


Abundance

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: 77.039 ng

RT: 12.75 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BM018357.D

Acq: 21 Dec 2018 13:07

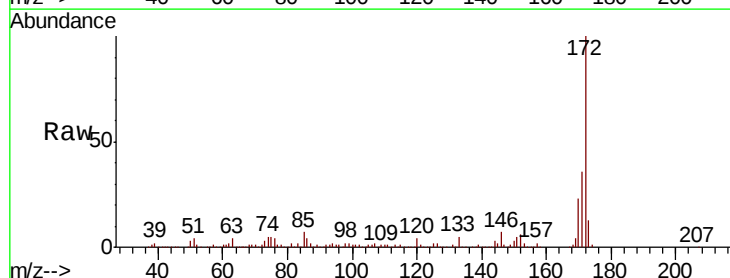
Tgt Ion:172 Resp: 1232959

Ion Ratio Lower Upper

172 100

171 36.2 28.3 42.5

170 23.2 18.1 27.1

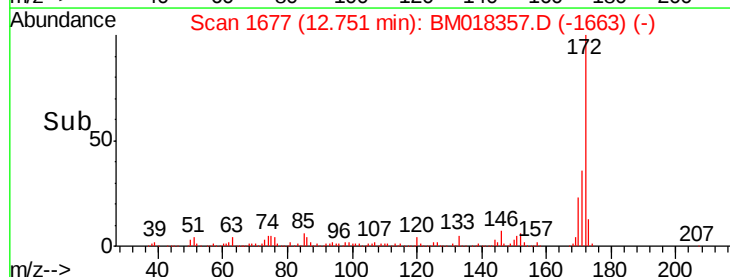
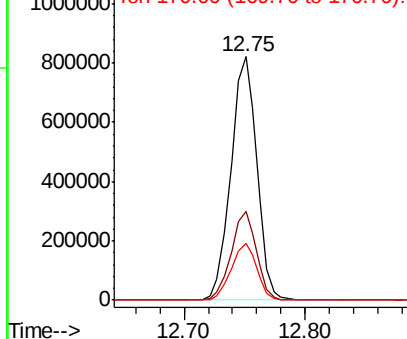


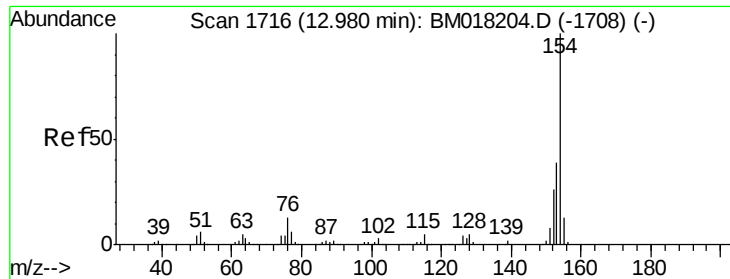
Abundance

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

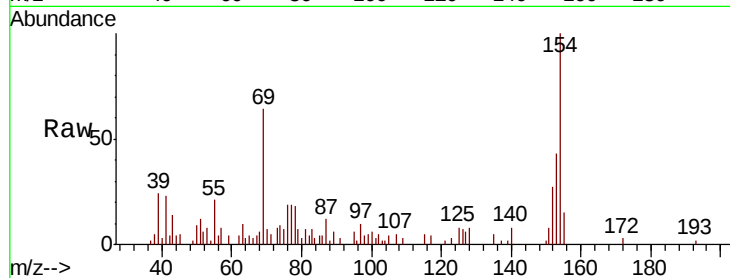




#46
 1,1'-Biphenyl
 Concen: 3.121 ng
 RT: 12.97 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BM018357.D
 Acq: 21 Dec 2018 13:07

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS015-0006-01

Tot Ion:154	Resp: 58195
Ion Ratio	Lower Upper
154 100	
153 43.0	19.5 59.5
76 19.3	0.0 33.1

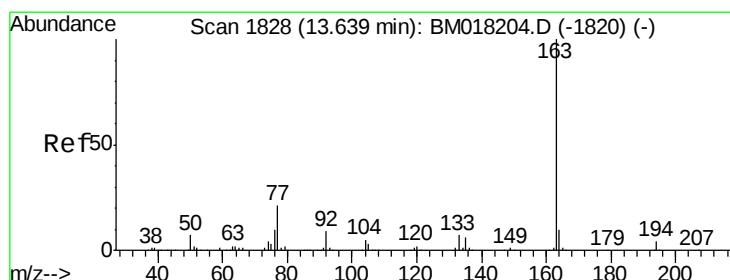
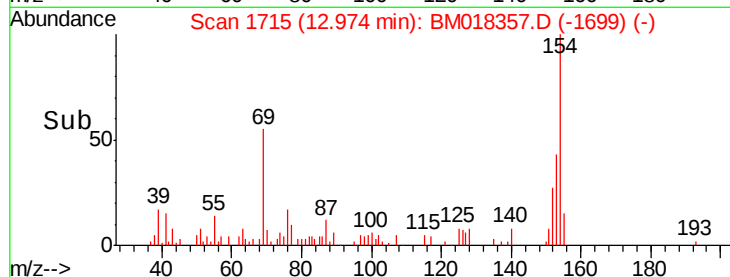
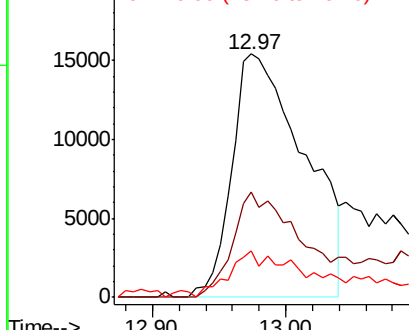


Abundance

Ion 154.00 (153.70 to 154.70): E

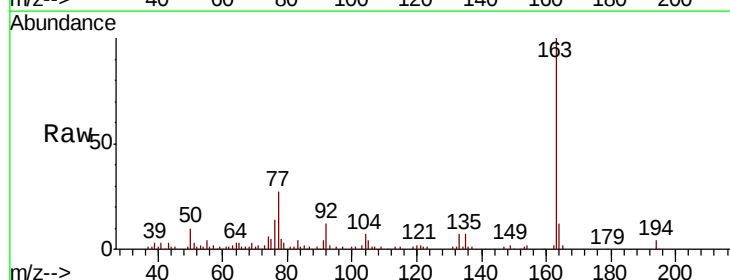
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#50
 Dimethylphthalate
 Concen: 6.820 ng
 RT: 13.62 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BM018357.D
 Acq: 21 Dec 2018 13:07

Tgt Ion	163	Resp: Lower	117533 Upper
	Ratio		
163	100		
194	4.0	3.1	4.7
164	11.7	7.9	11.9

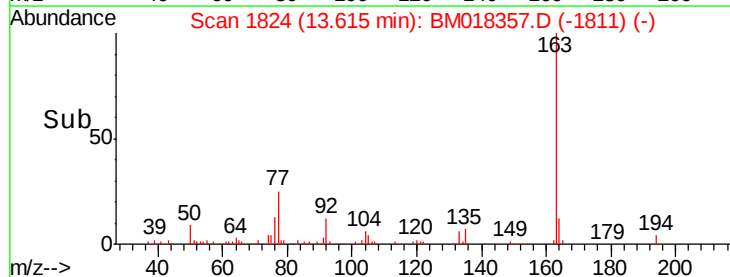
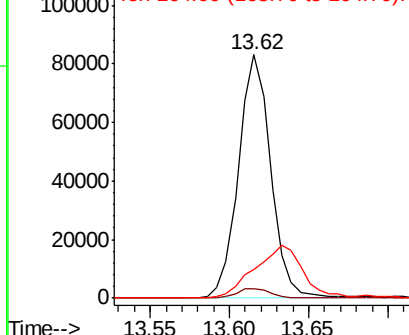


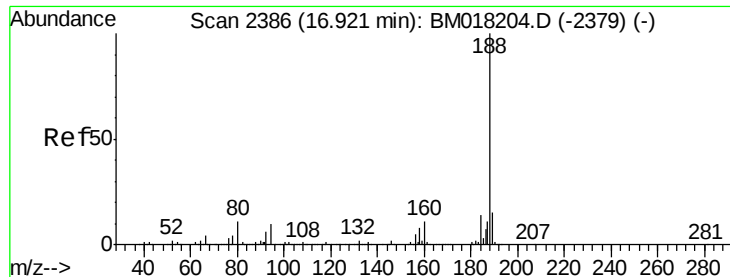
Abundance

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: BM018357.D

Acq: 21 Dec 2018 13:07

Instrument :

BNA_M

ClientSampleId :

P001-SS015-0006-01

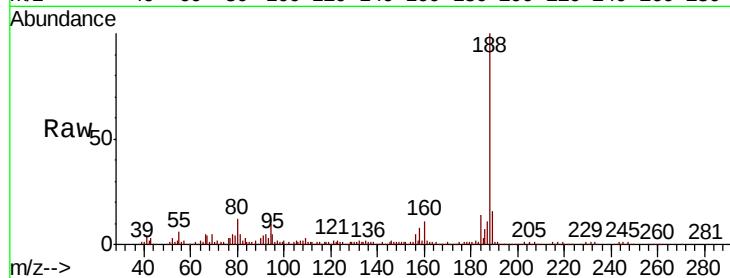
Tot Ion:188 Resp: 374716

Ion Ratio Lower Upper

188 100

94 10.3 8.0 12.0

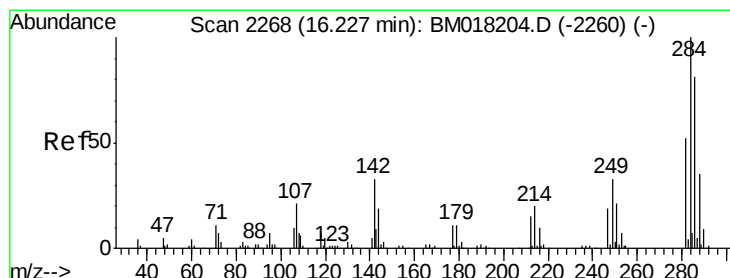
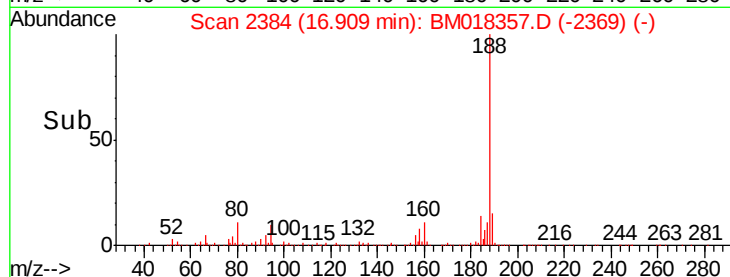
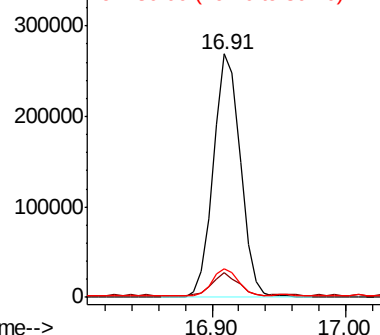
80 11.7 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#68

Hexachlorobenzene

Concen: 8.089 ng

RT: 16.22 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BM018357.D

Acq: 21 Dec 2018 13:07

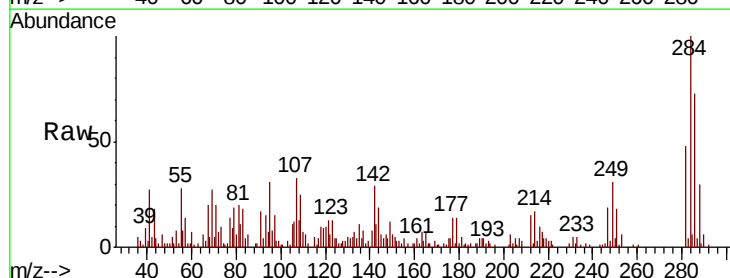
Tgt Ion:284 Resp: 40218

Ion Ratio Lower Upper

284 100

142 29.2 26.2 39.4

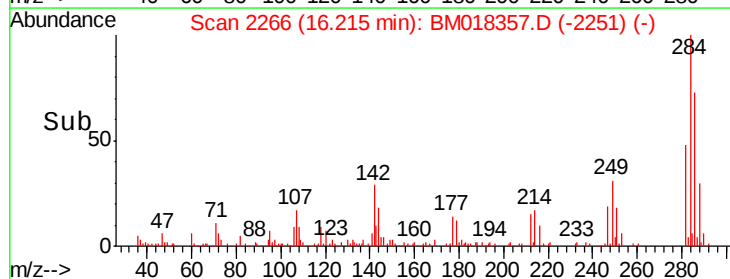
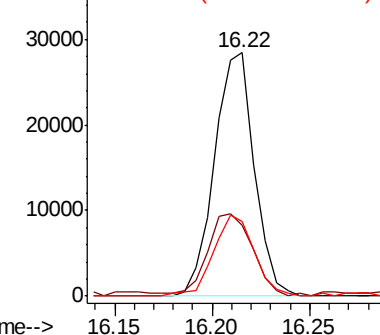
249 30.7 26.2 39.2

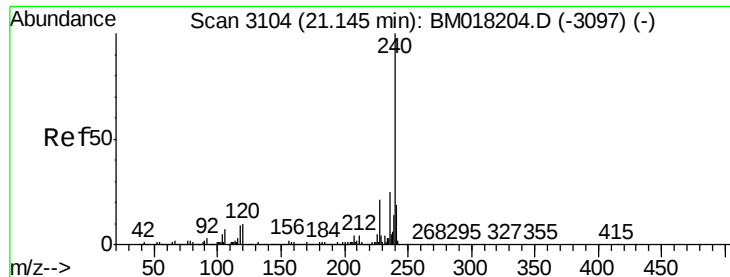


Abundance Ion 283.80 (283.50 to 284.50): E

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# 3104

Delta R.T. -0.00 min

Lab File: BM018357.D

Acq: 21 Dec 2018 13:07

Instrument :

BNA_M

ClientSampleId :

P001-SS015-0006-01

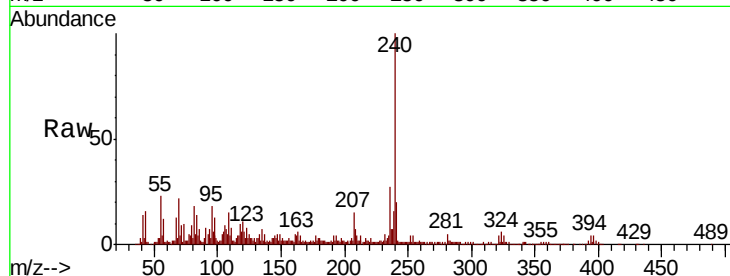
Tot Ion:240 Resp: 441116

Ion Ratio Lower Upper

240 100

120 11.4 8.2 12.2

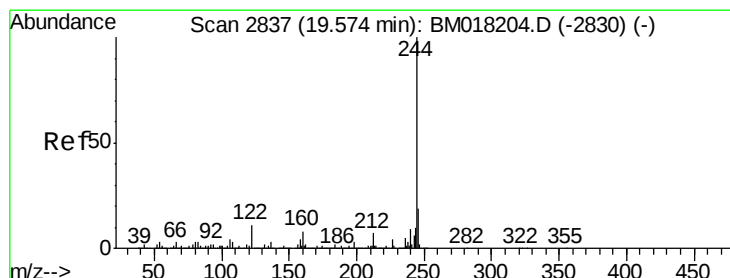
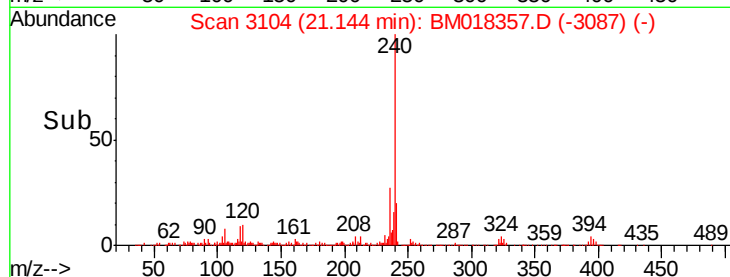
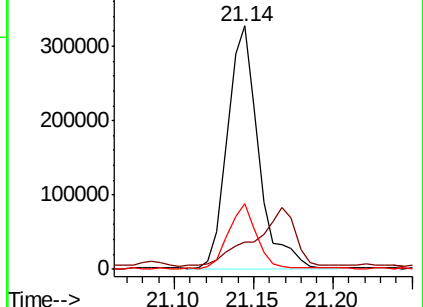
236 26.8 20.3 30.5



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: 65.267 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM018357.D

Acq: 21 Dec 2018 13:07

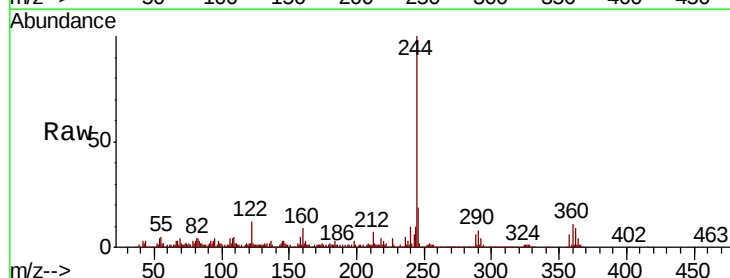
Tgt Ion:244 Resp: 1272977

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

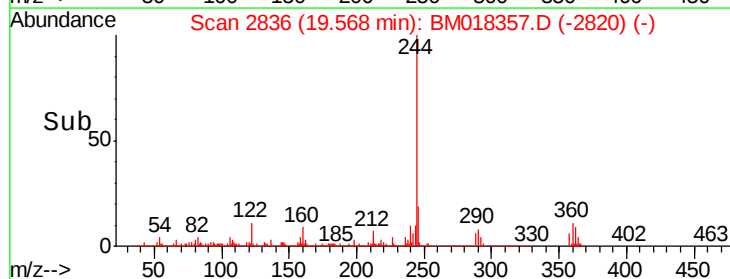
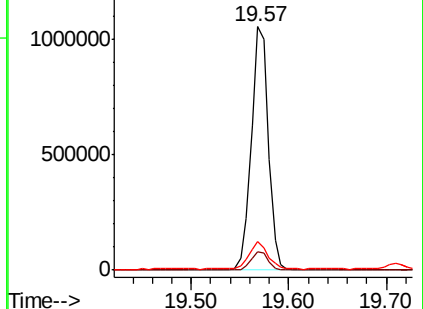
122 11.6 9.0 13.6

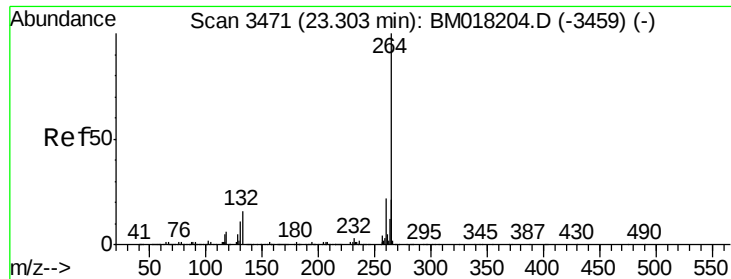


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

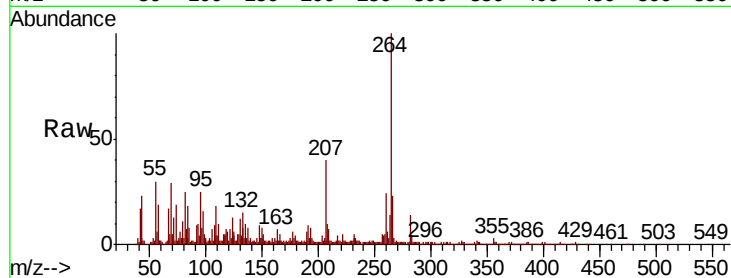




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.31 min Scan# 3473
Delta R.T. 0.01 min
Lab File: BM018357.D
Acq: 21 Dec 2018 13:07

Instrument :
BNA_M
ClientSampleId :
P001-SS015-0006-01

Tot Ion:	264	Resp:	455087
Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.5	26.3
265	22.9	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

