

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
 Data File : BM018262.D
 Acq On : 18 Dec 2018 00:19
 Operator : JU/SJ
 Sample : J6417-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 121318-TIPC-F-U-S

Quant Time: Dec 18 02:50:41 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	142583	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	519806	20.00	ng	-0.01
39) Acenaphthene-d10	14.15	164	260714	20.00	ng	-0.01
64) Phenanthrene-d10	16.92	188	466458	20.00	ng	0.00
76) Chrysene-d12	21.13	240	463852	20.00	ng	-0.01
87) Perylene-d12	23.29	264	507507	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	368774	43.21	ng	0.00
7) Phenol-d6	6.69	99	288285	24.30	ng	-0.01
23) Nitrobenzene-d5	8.65	82	1192300	117.65	ng	-0.01
42) 2,4,6-Tribromophenol	15.66	330	312524	81.67	ng	-0.01
45) 2-Fluorobiphenyl	12.76	172	2328553	115.68	ng	-0.01
79) Terphenyl-d14	19.57	244	2152049	104.93	ng	0.00

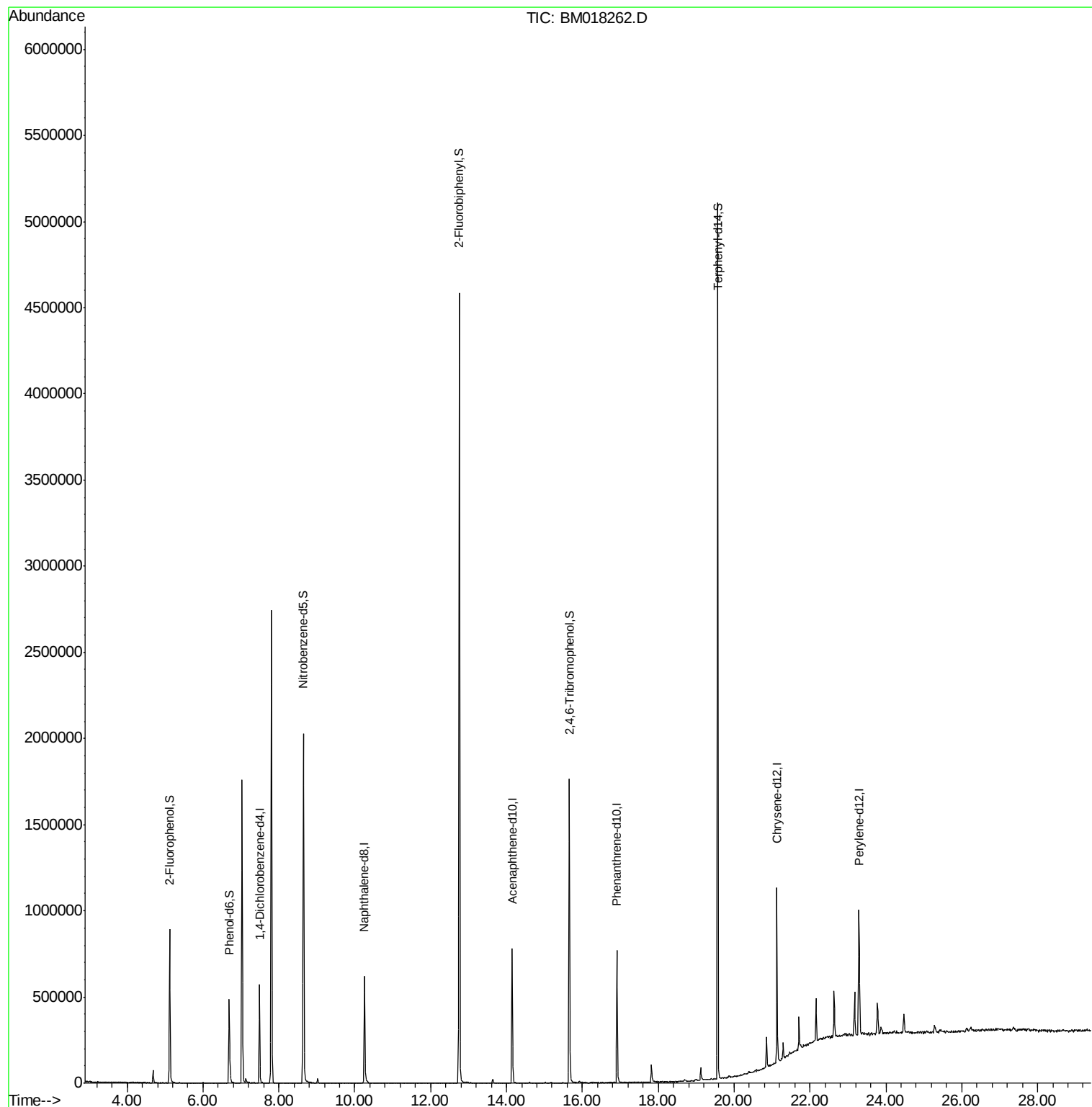
Target Compounds	Qvalue
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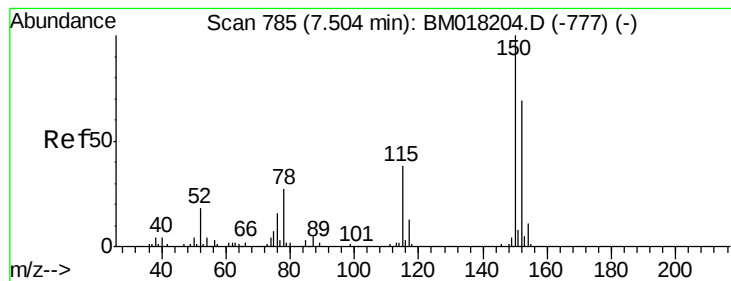
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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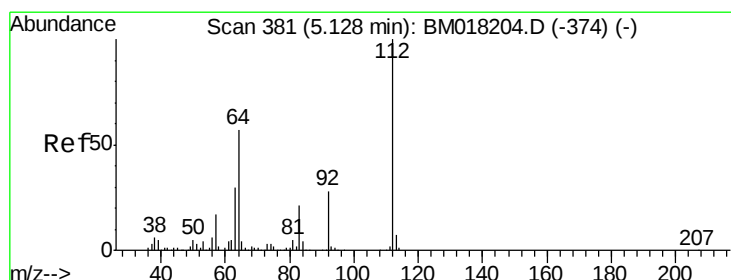
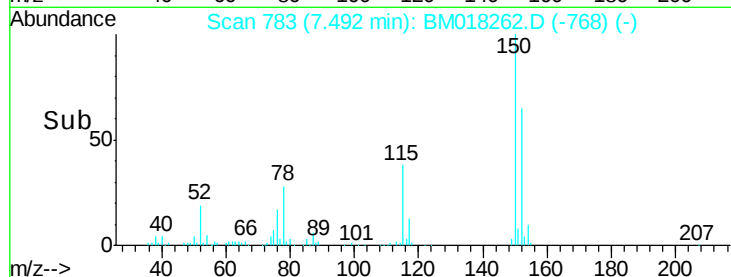
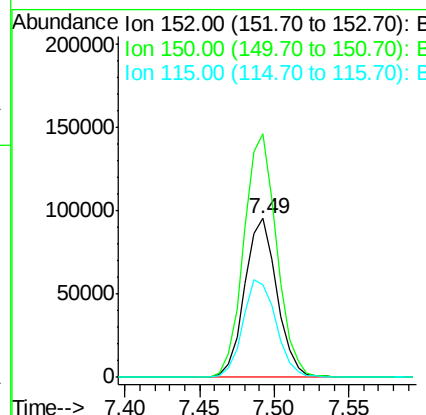
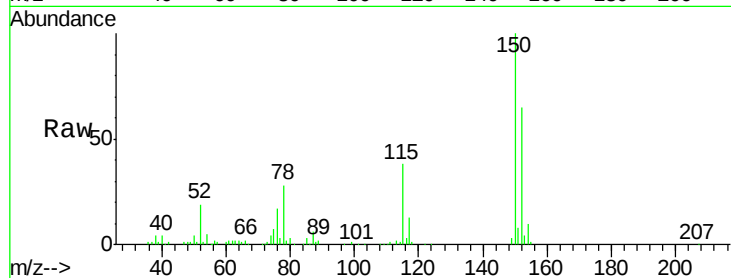


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BM018262.D
Acq: 18 Dec 2018 00:19

Instrument :
BNA_M
ClientSampleId :
121318-TIPC-F-U-S

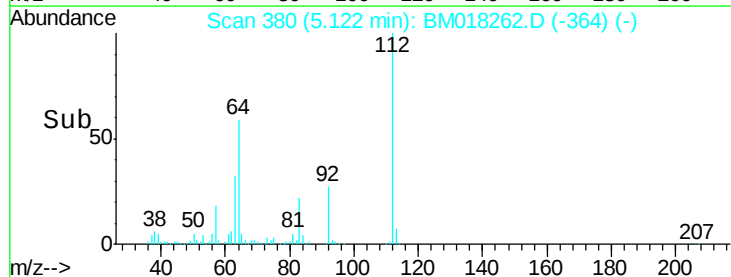
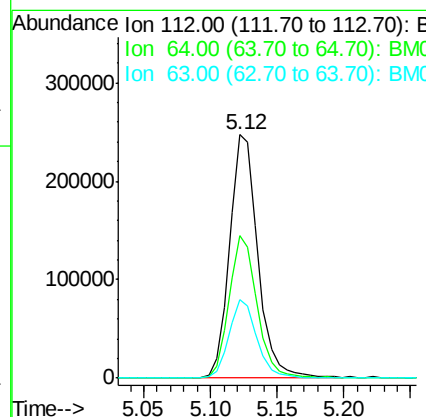
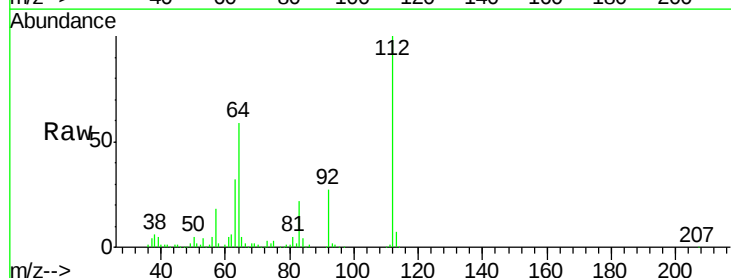
Tgt Ion:152 Resp: 142583
Ion Ratio Lower Upper
152 100
150 153.5 116.1 174.1
115 58.4 44.6 67.0

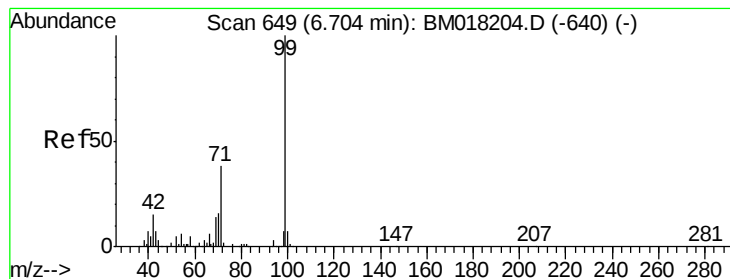


#5

2-Fluorophenol
Concen: 43.205 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018262.D
Acq: 18 Dec 2018 00:19

Tgt Ion:112 Resp: 368774
Ion Ratio Lower Upper
112 100
64 58.8 45.4 68.2
63 32.5 24.0 36.0





#7

Phenol-d6

Concen: 24.300 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018262.D

Acq: 18 Dec 2018 00:19

Instrument :

BNA_M

ClientSampleId :

121318-TIPC-F-U-S

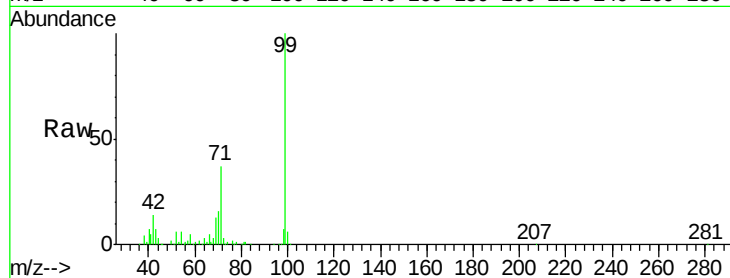
Tgt Ion: 99 Resp: 288285

Ion Ratio Lower Upper

99 100

42 14.5 12.3 18.5

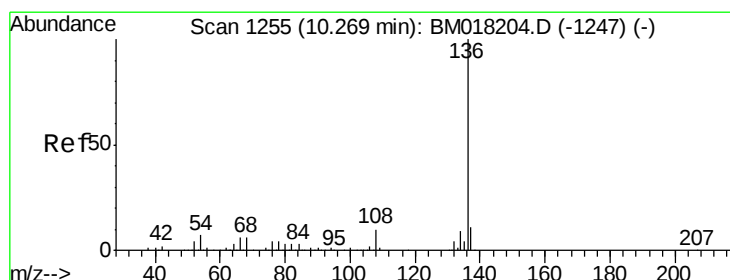
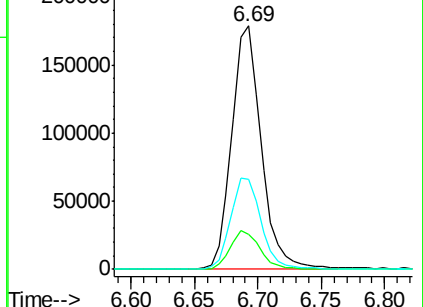
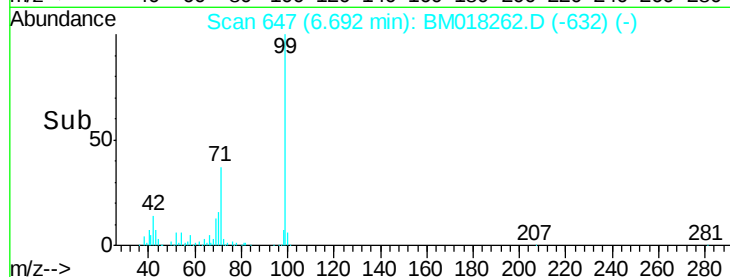
71 37.1 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018262.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018262.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018262.D (-632) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.26 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BM018262.D

Acq: 18 Dec 2018 00:19

Tgt Ion: 136 Resp: 519806

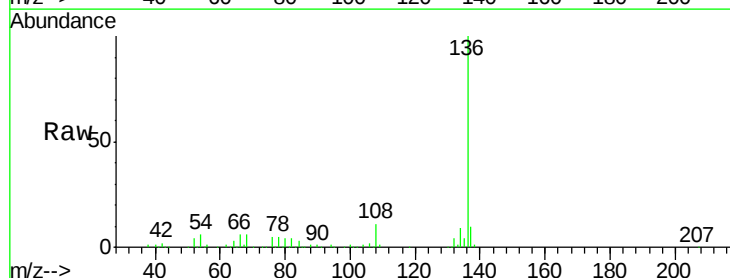
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 6.3 5.2 7.8

68 6.2 5.0 7.6

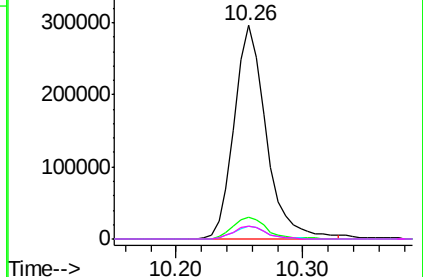
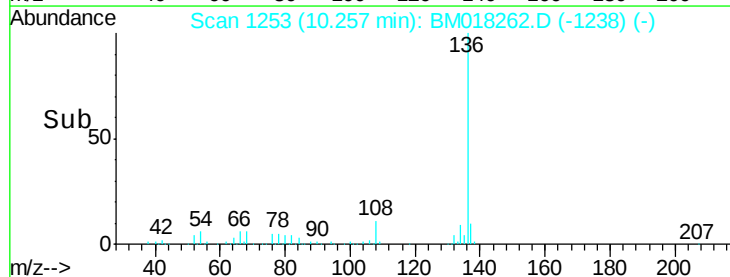


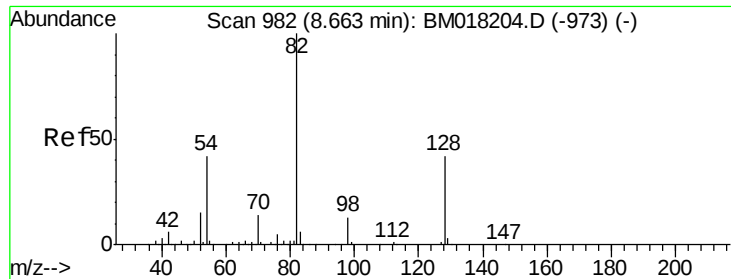
Abundance Ion 136.00 (135.70 to 136.70): BM018262.D (-1238) (-)

Ion 137.00 (136.70 to 137.70): BM018262.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM018262.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM018262.D (-1238) (-)

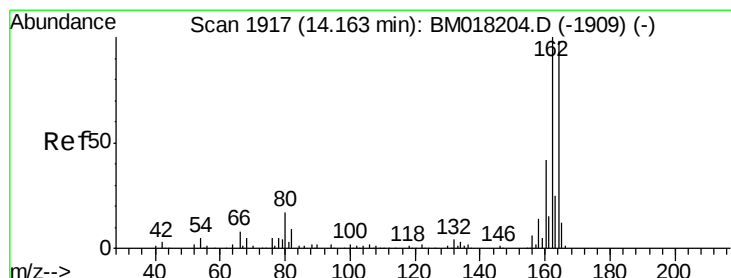
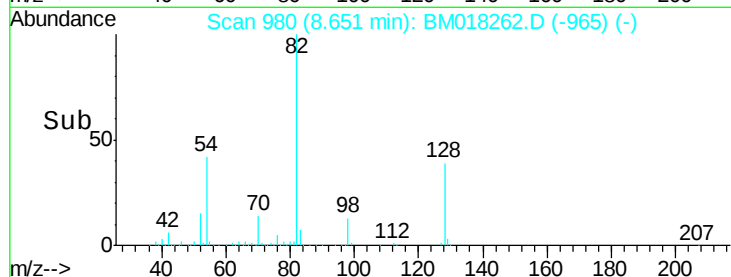
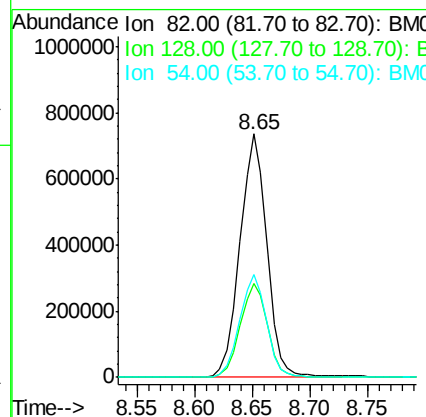
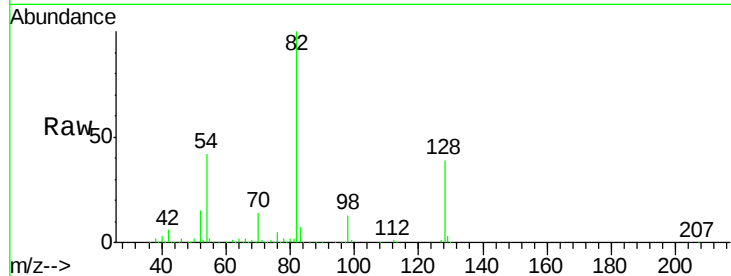




#23
Nitrobenzene-d5
Concen: 117.654 ng
RT: 8.65 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM018262.D
Acq: 18 Dec 2018 00:19

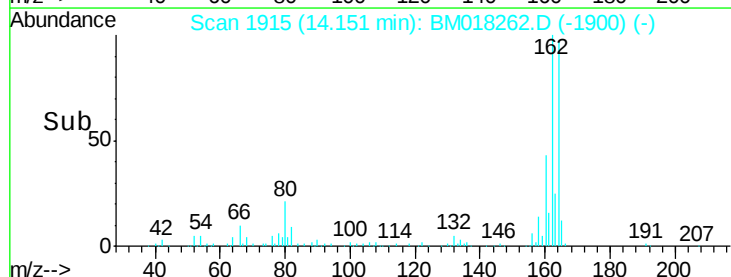
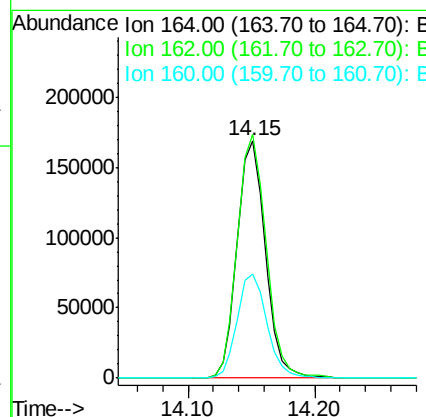
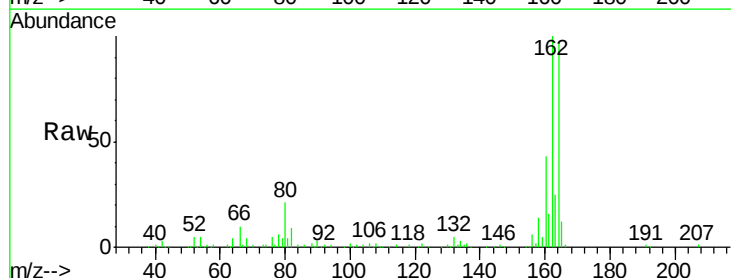
Instrument :
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121318-TIPC-F-U-S

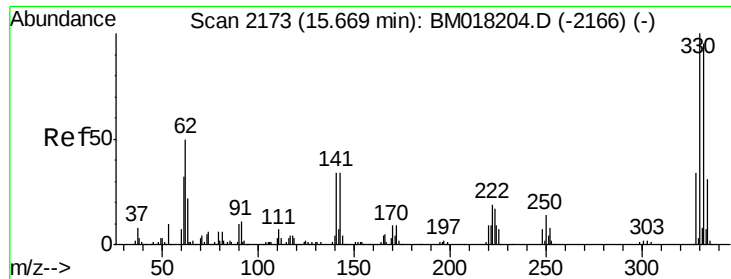
Tgt Ion: 82 Resp: 1192300
Ion Ratio Lower Upper
82 100
128 38.5 33.4 50.2
54 42.0 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.15 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018262.D
Acq: 18 Dec 2018 00:19

Tgt Ion: 164 Resp: 260714
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.6
160 43.6 34.6 51.8

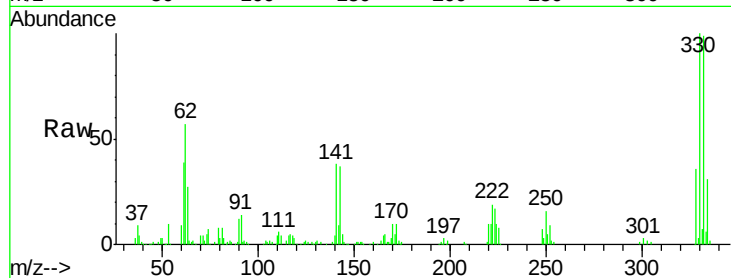




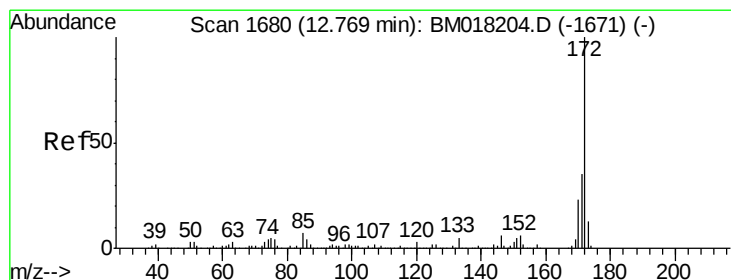
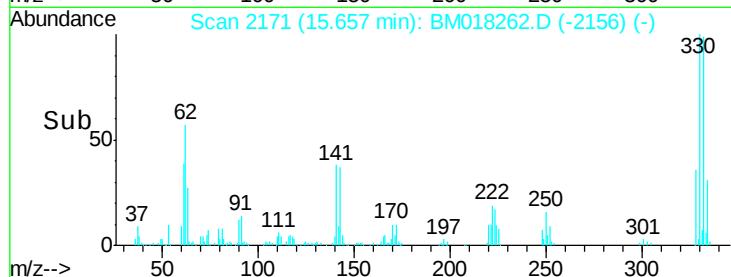
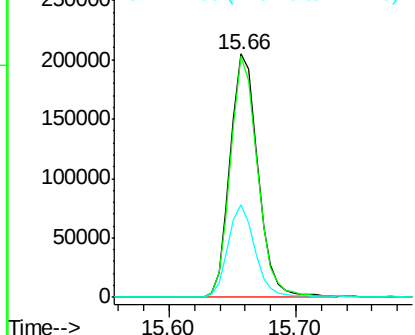
#42
 2,4,6-Tribromophenol
 Concen: 81.672 ng
 RT: 15.66 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM018262.D
 Acq: 18 Dec 2018 00:19

Instrument :
 BNA_M
 ClientSampleId :
 121318-TIPC-F-U-S

Tgt Ion:330 Resp: 312524
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.6 118.0
 141 36.9 27.1 40.7

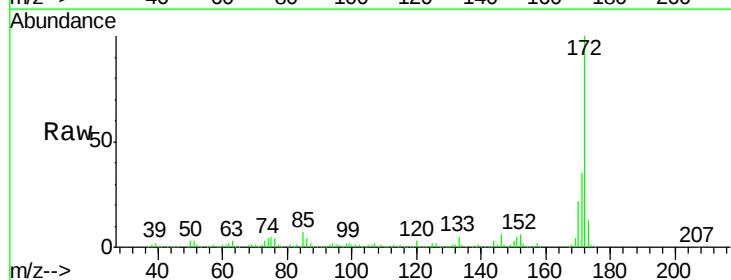


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

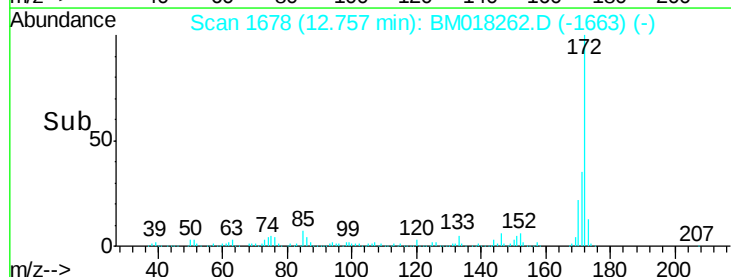
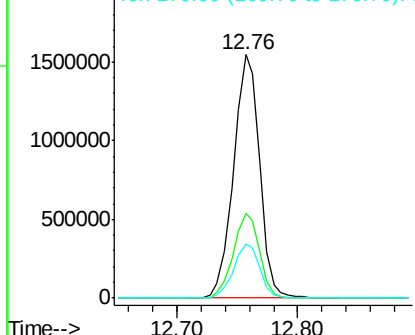


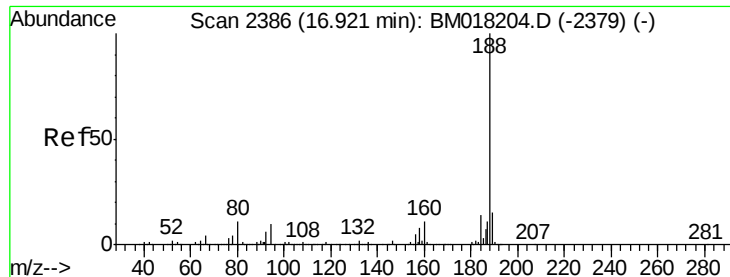
#45
 2-Fluorobiphenyl
 Concen: 115.683 ng
 RT: 12.76 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM018262.D
 Acq: 18 Dec 2018 00:19

Tgt Ion:172 Resp: 2328553
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.3 42.5
 170 22.2 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.92 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM018262.D

Acq: 18 Dec 2018 00:19

Instrument :

BNA_M

ClientSampleId :

121318-TIPC-F-U-S

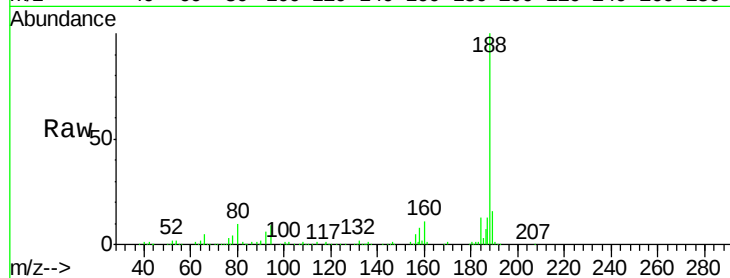
Tgt Ion:188 Resp: 466458

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

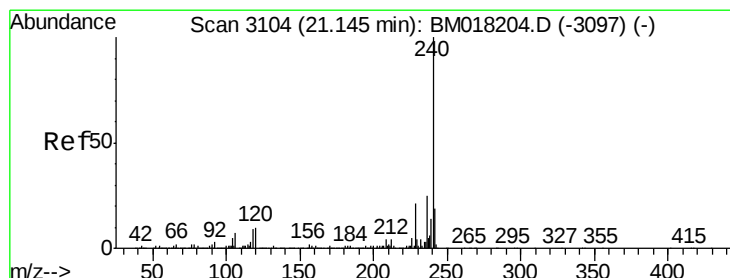
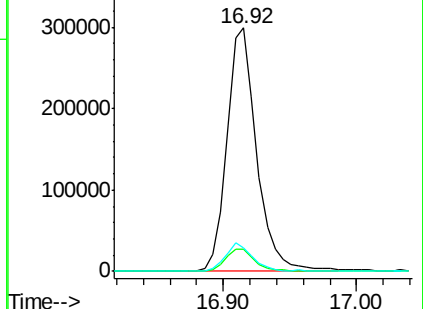
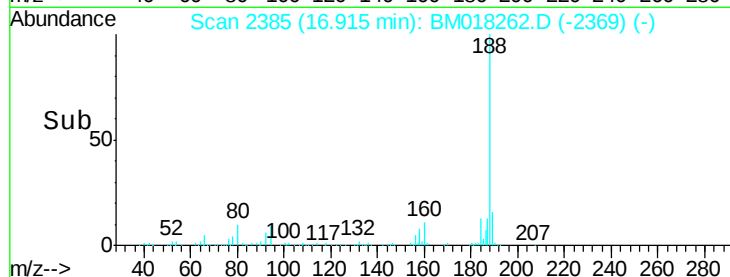
80 9.7 9.0 13.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM018262.D

Acq: 18 Dec 2018 00:19

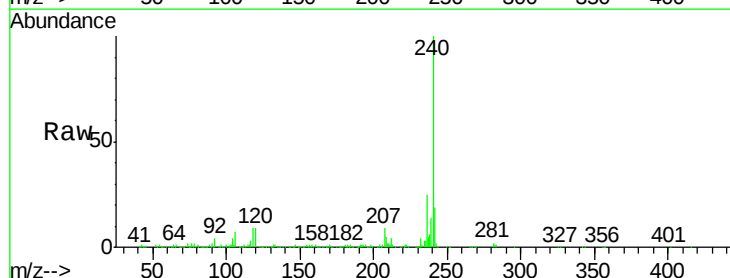
Tgt Ion:240 Resp: 463852

Ion Ratio Lower Upper

240 100

120 9.3 8.2 12.2

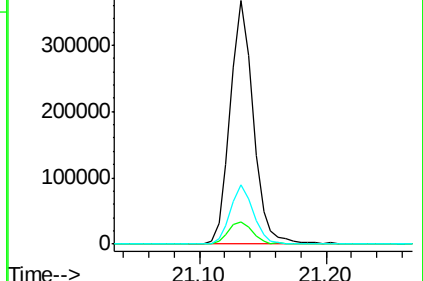
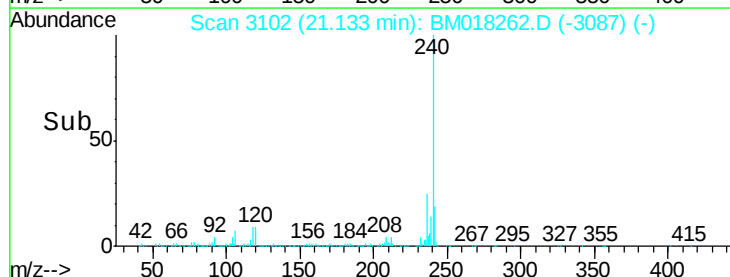
236 24.6 20.3 30.5

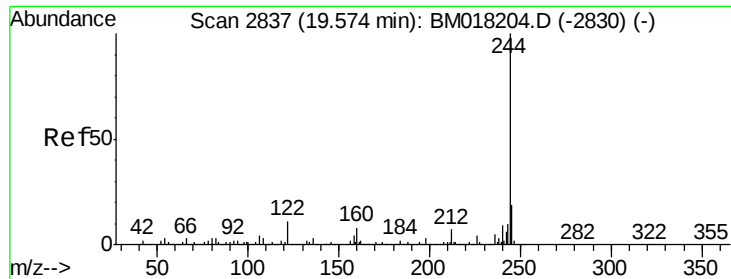


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

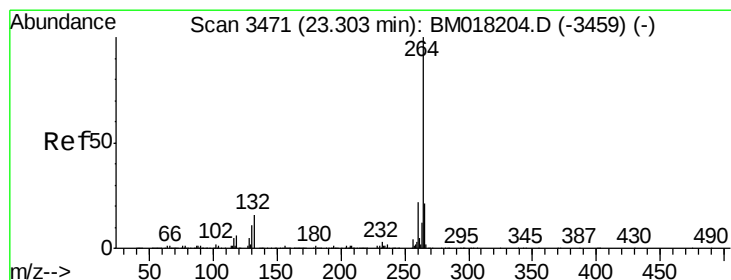
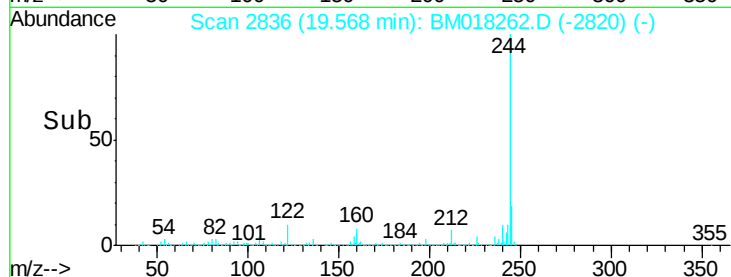
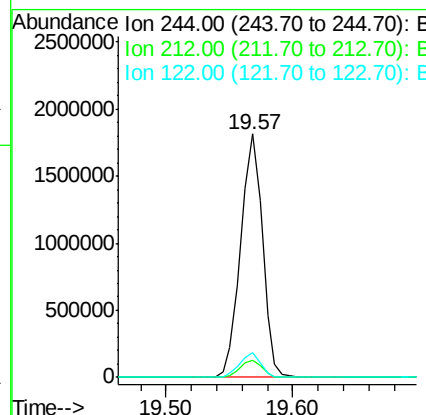
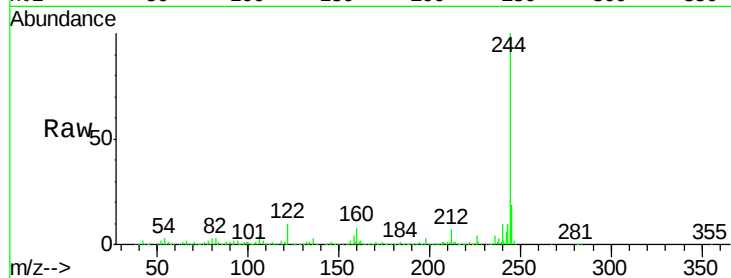




#79
 Terphenyl-d14
 Concen: 104.930 ng
 RT: 19.57 min Scan# 2836
 Delta R.T. -0.01 min
 Lab File: BM018262.D
 Acq: 18 Dec 2018 00:19

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Tgt Ion:244 Resp: 2152049
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.1 9.0 13.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.29 min Scan# 3469
 Delta R.T. -0.01 min
 Lab File: BM018262.D
 Acq: 18 Dec 2018 00:19

Tgt Ion:264 Resp: 507507
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.5 26.3
 265 23.0 17.3 25.9

