

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
 Data File : BM018245.D
 Acq On : 17 Dec 2018 12:46
 Operator : JU/SJ
 Sample : J6388-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS009-0006-01

Quant Time: Dec 18 00:49:20 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

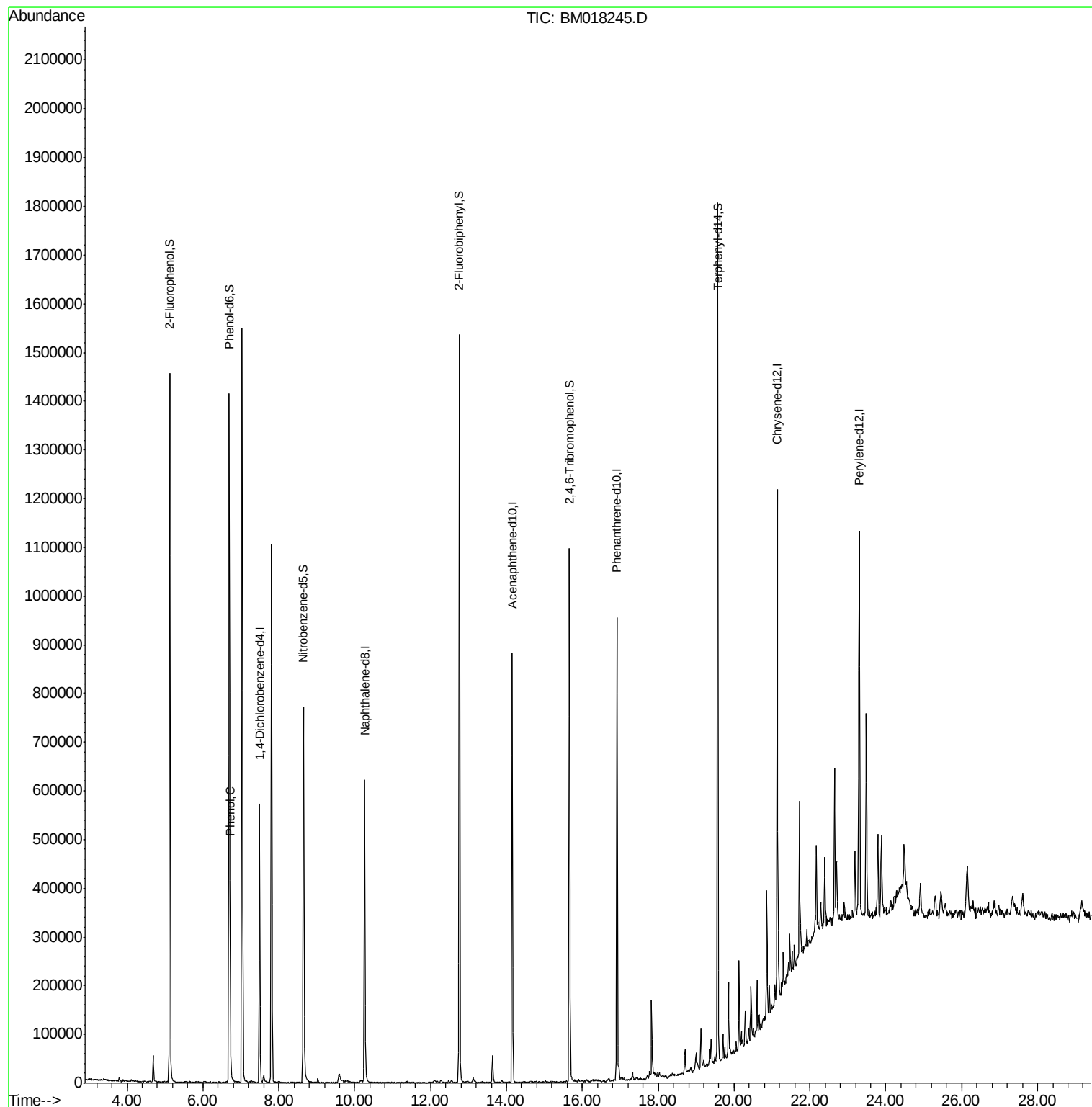
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	144493	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	550668	20.00	ng	0.00
39) Acenaphthene-d10	14.15	164	281963	20.00	ng	-0.01
64) Phenanthrene-d10	16.92	188	527566	20.00	ng	0.00
76) Chrysene-d12	21.14	240	485685	20.00	ng	0.00
87) Perylene-d12	23.30	264	539572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	600774	69.46	ng	0.00
7) Phenol-d6	6.69	99	800928	66.62	ng	-0.01
23) Nitrobenzene-d5	8.65	82	496852	46.28	ng	-0.01
42) 2,4,6-Tribromophenol	15.66	330	211615	51.13	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	777043	35.69	ng	-0.01
79) Terphenyl-d14	19.57	244	747163	34.79	ng	0.00
Target Compounds						
10) Phenol	6.72	94	46703	3.668	ng	Qvalue 89

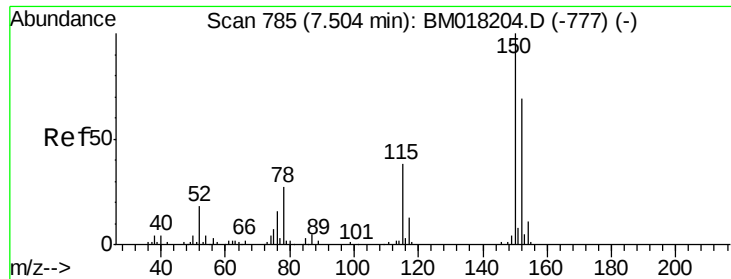
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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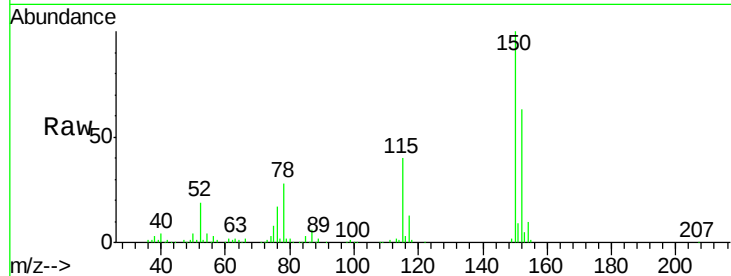


#1

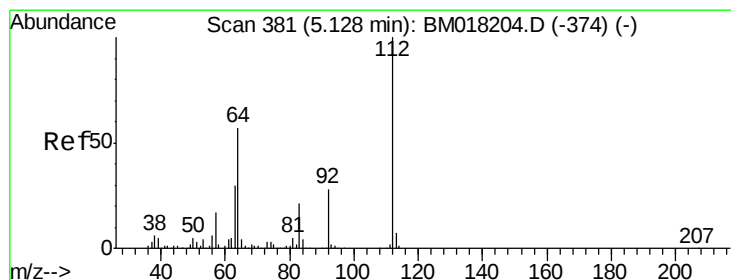
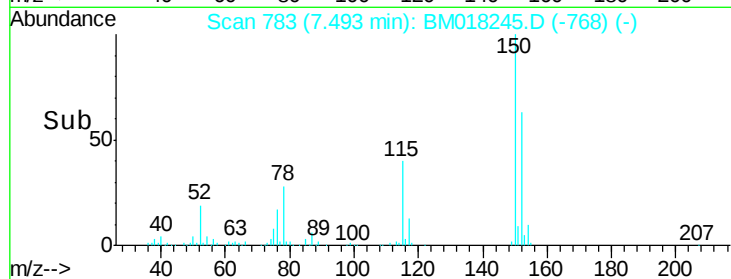
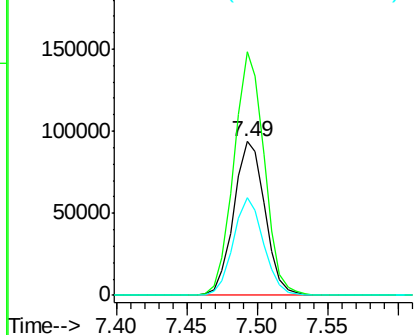
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BM018245.D
Acq: 17 Dec 2018 12:46

Instrument :
BNA_M
ClientSampleId :
P001-SS009-0006-01

Tgt Ion:152 Resp: 144493
Ion Ratio Lower Upper
152 100
150 158.5 116.1 174.1
115 63.7 44.6 67.0



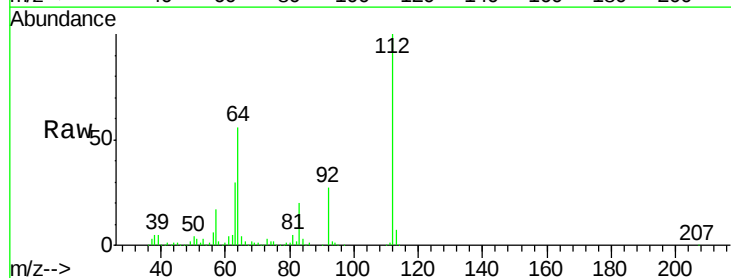
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



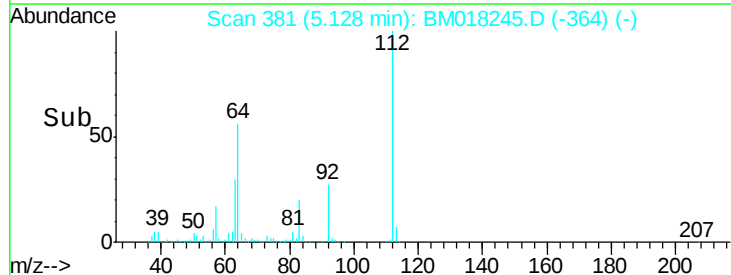
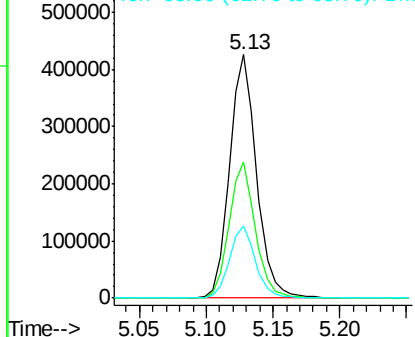
#5

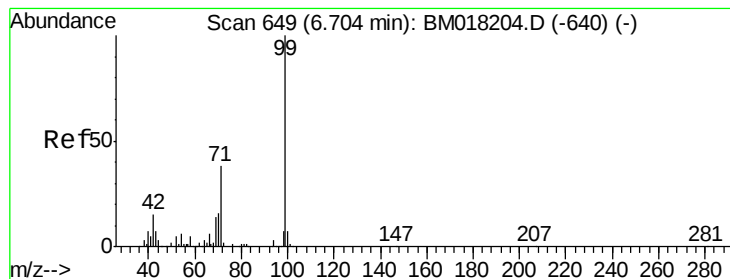
2-Fluorophenol
Concen: 69.456 ng
RT: 5.13 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM018245.D
Acq: 17 Dec 2018 12:46

Tgt Ion:112 Resp: 600774
Ion Ratio Lower Upper
112 100
64 55.7 45.4 68.2
63 29.6 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: 66.619 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018245.D

Acq: 17 Dec 2018 12:46

Instrument :

BNA_M

ClientSampleId :

P001-SS009-0006-01

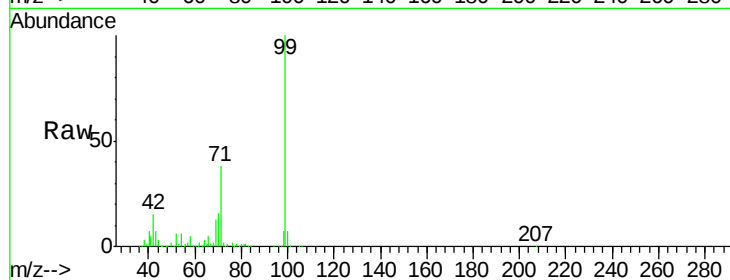
Tgt Ion: 99 Resp: 800928

Ion Ratio Lower Upper

99 100

42 15.3 12.3 18.5

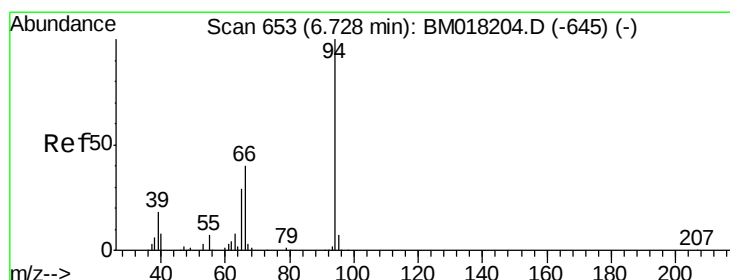
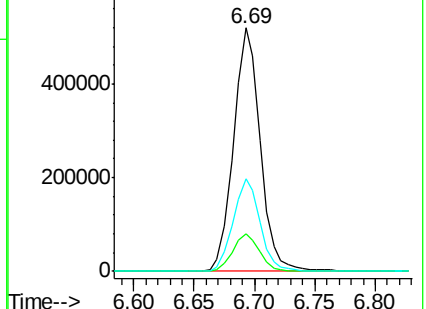
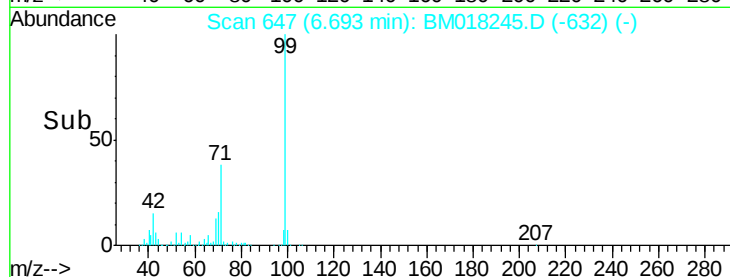
71 38.0 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018245.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018245.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018245.D (-632) (-)



#10

Phenol

Concen: 3.668 ng

RT: 6.72 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM018245.D

Acq: 17 Dec 2018 12:46

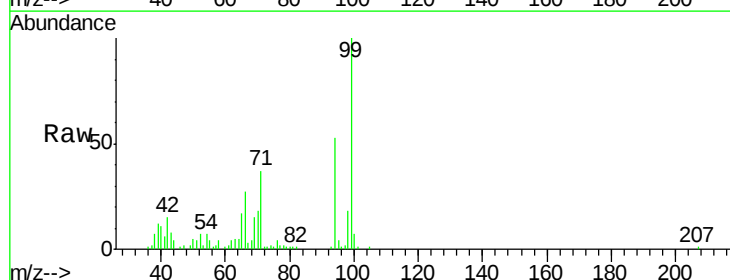
Tgt Ion: 94 Resp: 46703

Ion Ratio Lower Upper

94 100

65 32.3 9.5 49.5

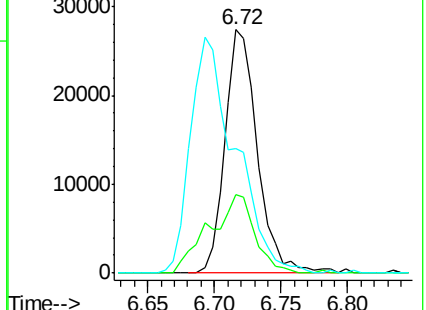
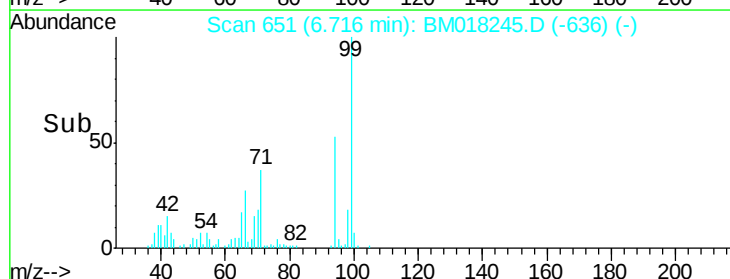
66 51.0 21.3 61.3

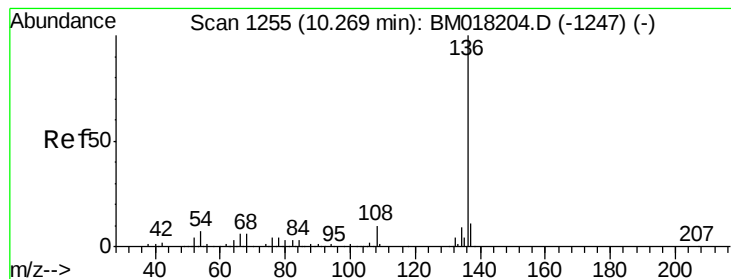


Abundance Ion 94.00 (93.70 to 94.70): BM018245.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018245.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018245.D (-636) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.26 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM018245.D

Acq: 17 Dec 2018 12:46

Instrument :

BNA_M

ClientSampleId :

P001-SS009-0006-01

Tgt Ion: 136 Resp: 550668

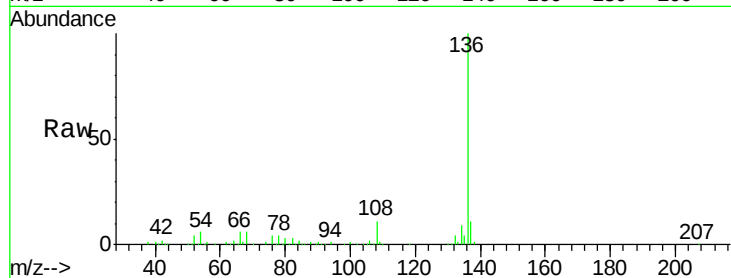
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 6.2 5.2 7.8

68 5.6 5.0 7.6

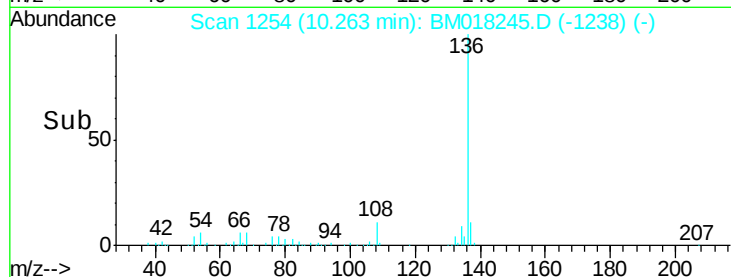


Abundance Ion 136.00 (135.70 to 136.70): E

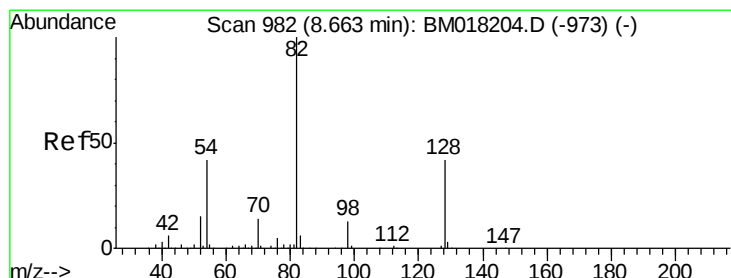
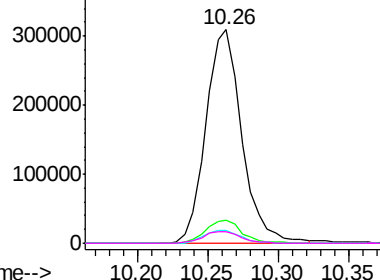
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#23

Nitrobenzene-d5

Concen: 46.281 ng

RT: 8.65 min Scan# 980

Delta R.T. -0.01 min

Lab File: BM018245.D

Acq: 17 Dec 2018 12:46

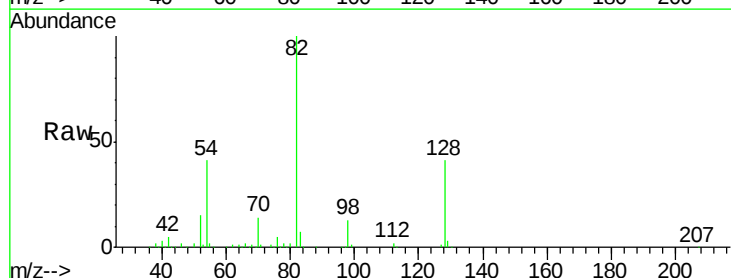
Tgt Ion: 82 Resp: 496852

Ion Ratio Lower Upper

82 100

128 41.1 33.4 50.2

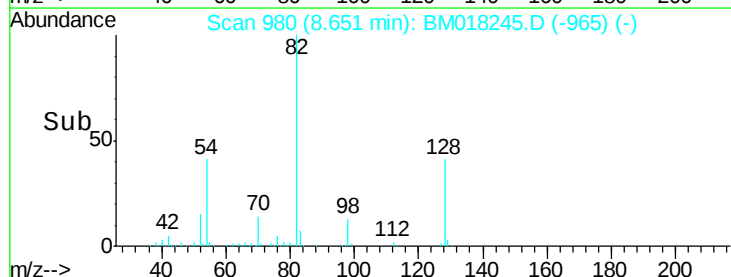
54 41.2 33.4 50.2



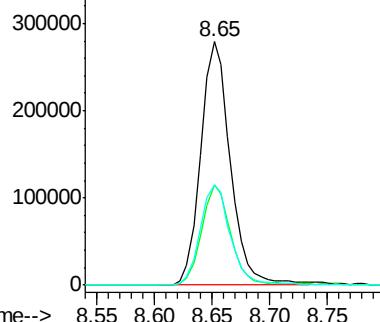
Abundance Ion 82.00 (81.70 to 82.70): BM

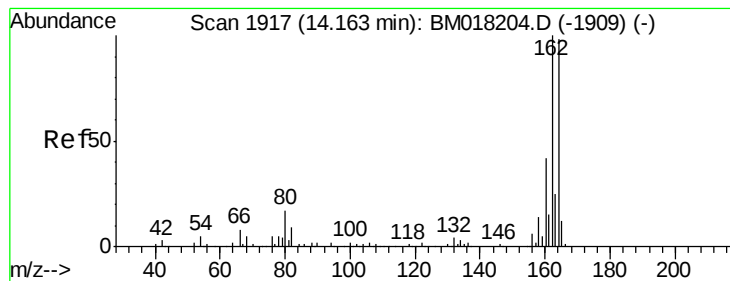
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.15 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018245.D

Acq: 17 Dec 2018 12:46

Instrument :

BNA_M

ClientSampleId :

P001-SS009-0006-01

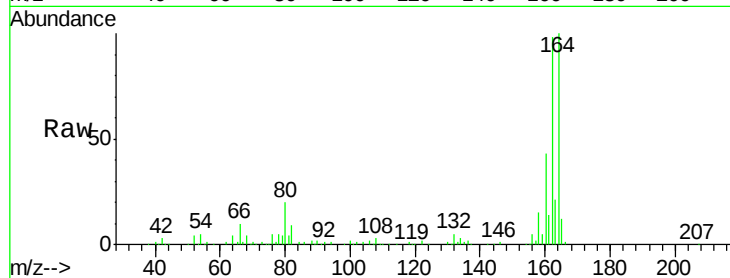
Tgt Ion:164 Resp: 281963

Ion Ratio Lower Upper

164 100

162 97.9 81.8 122.6

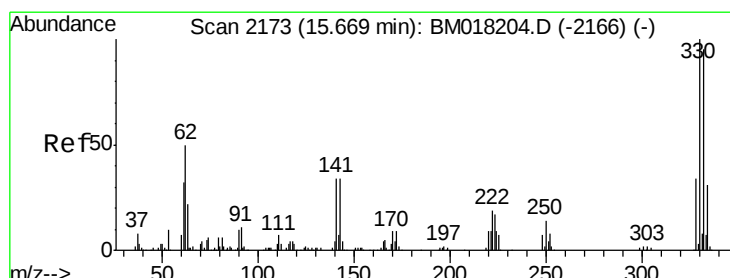
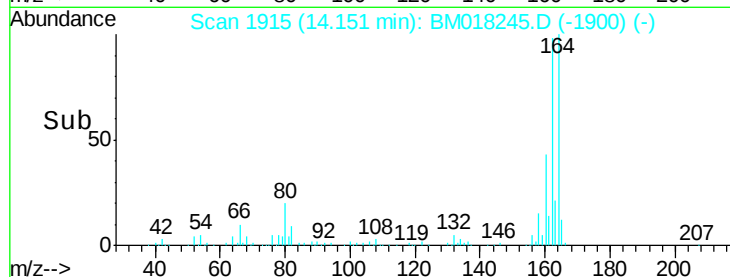
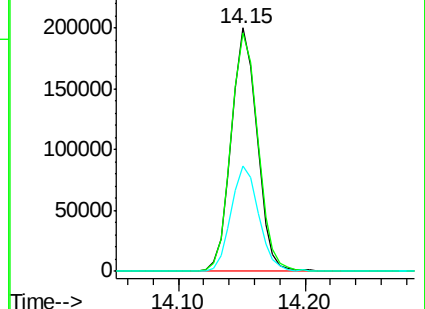
160 43.4 34.6 51.8



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: 51.134 ng

RT: 15.66 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM018245.D

Acq: 17 Dec 2018 12:46

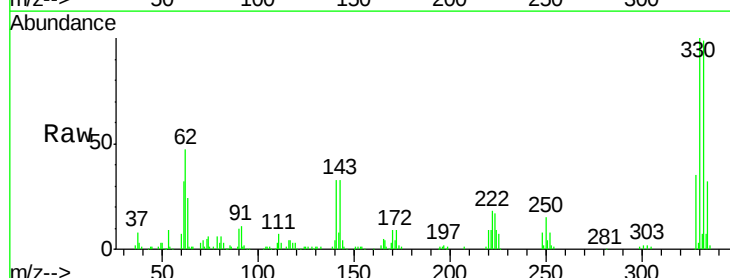
Tgt Ion:330 Resp: 211615

Ion Ratio Lower Upper

330 100

332 97.7 78.6 118.0

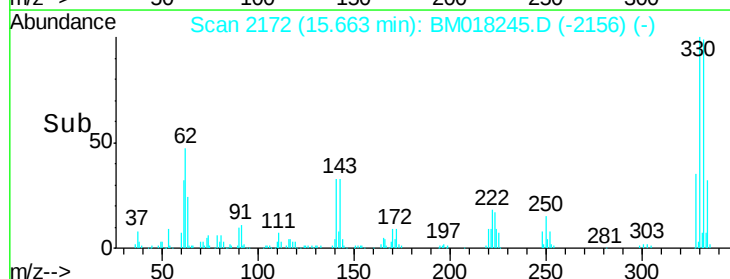
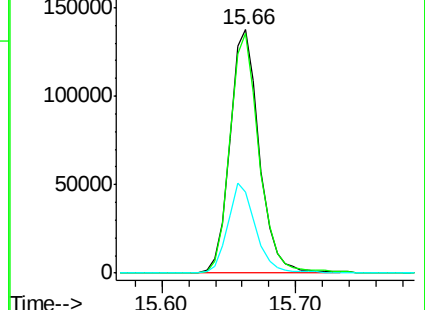
141 35.3 27.1 40.7

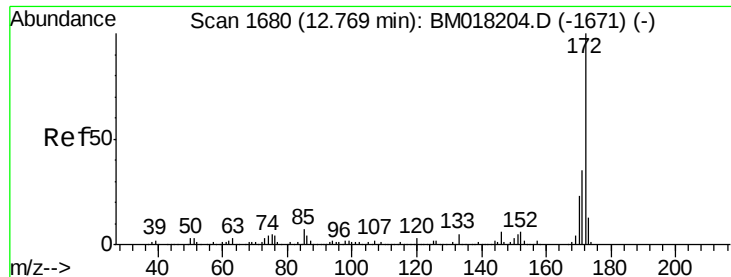


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

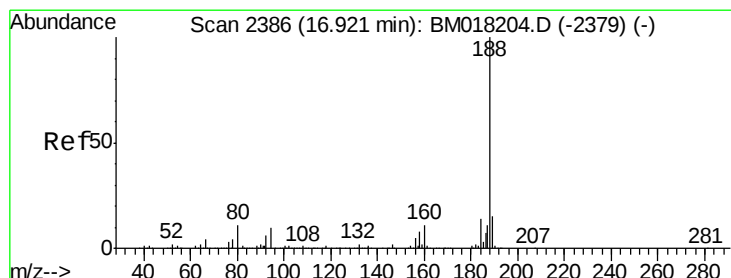
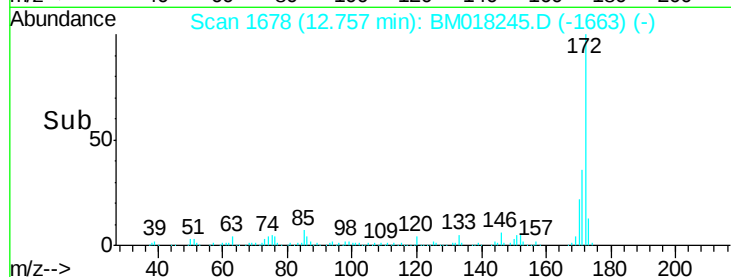
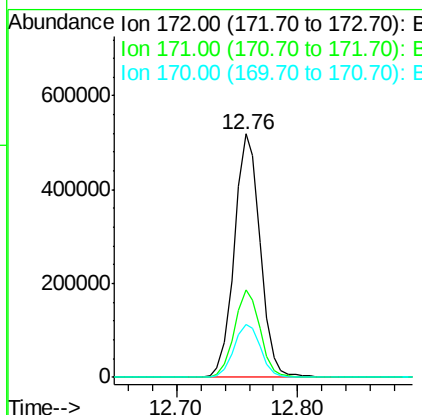
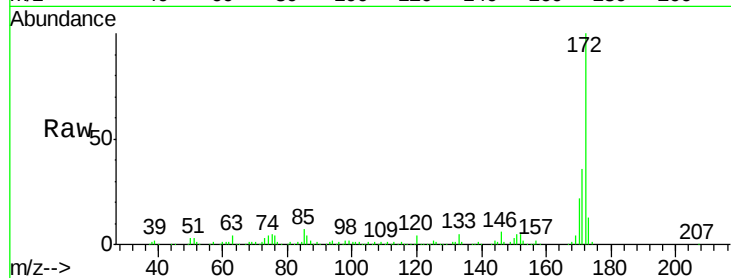




#45
 2-Fluorobiphenyl
 Concen: 35.695 ng
 RT: 12.76 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM018245.D
 Acq: 17 Dec 2018 12:46

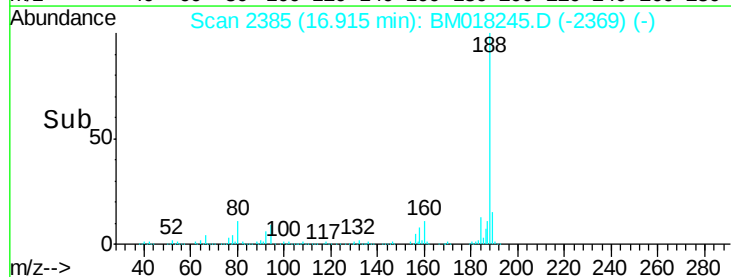
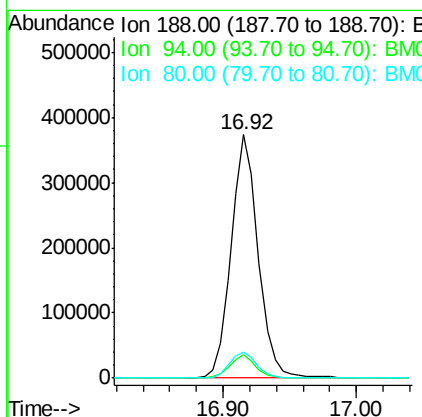
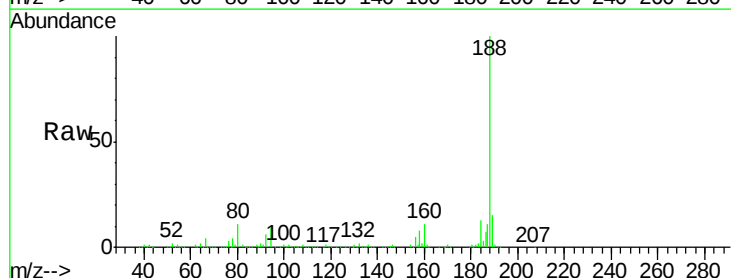
Instrument :
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 P001-SS009-0006-01

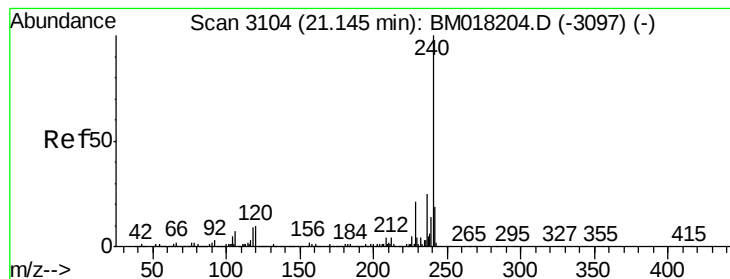
Tgt Ion:172 Resp: 777043
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.3 42.5
 170 21.6 18.1 27.1



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.92 min Scan# 2385
 Delta R.T. -0.01 min
 Lab File: BM018245.D
 Acq: 17 Dec 2018 12:46

Tgt Ion:188 Resp: 527566
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.0 12.0
 80 10.9 9.0 13.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018245.D

Acq: 17 Dec 2018 12:46

Instrument :

BNA_M

ClientSampleId :

P001-SS009-0006-01

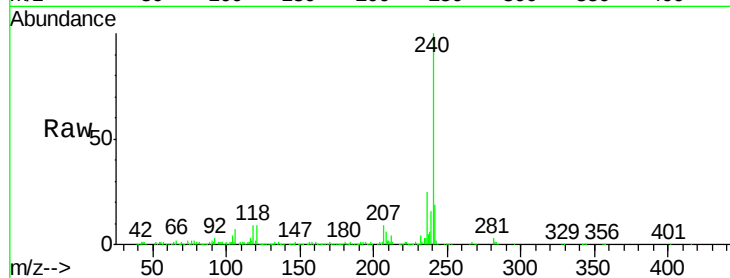
Tgt Ion:240 Resp: 485685

Ion Ratio Lower Upper

240 100

120 9.5 8.2 12.2

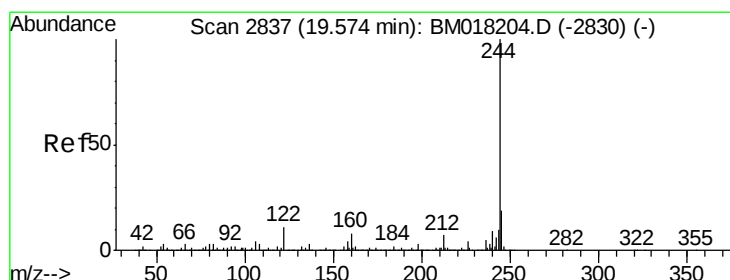
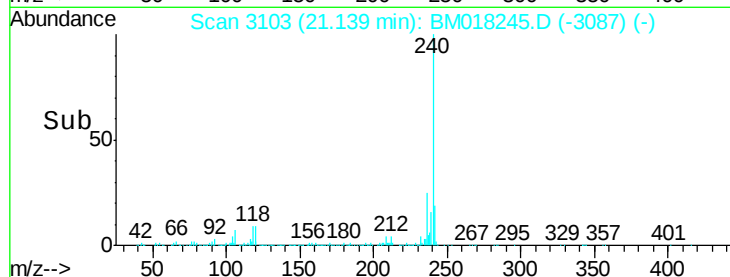
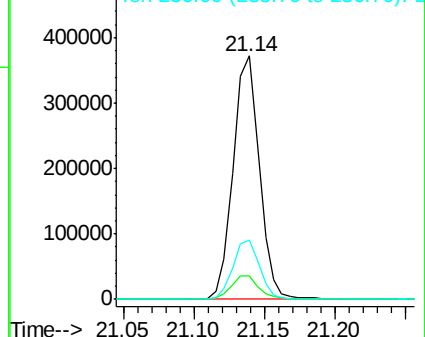
236 24.6 20.3 30.5



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: 34.793 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM018245.D

Acq: 17 Dec 2018 12:46

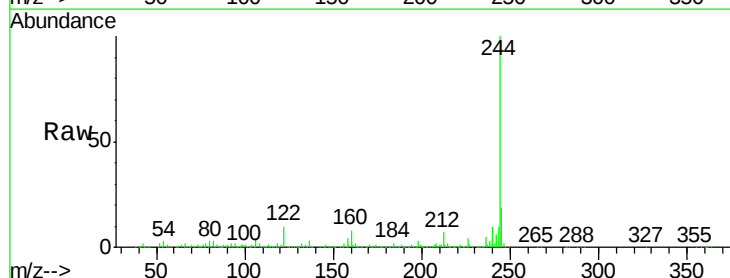
Tgt Ion:244 Resp: 747163

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

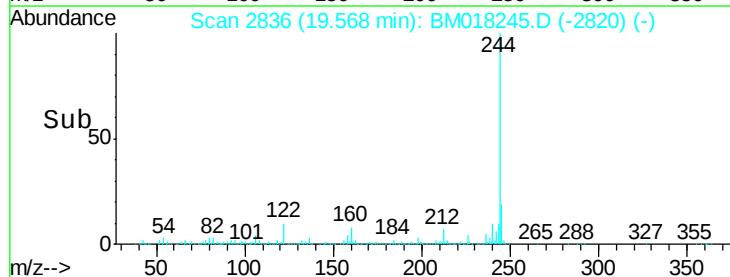
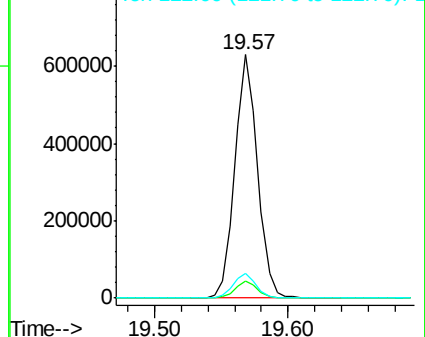
122 9.9 9.0 13.6

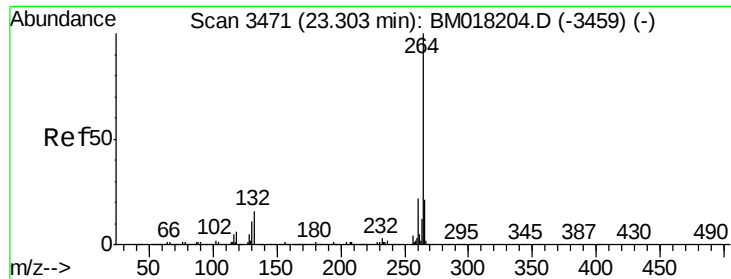


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

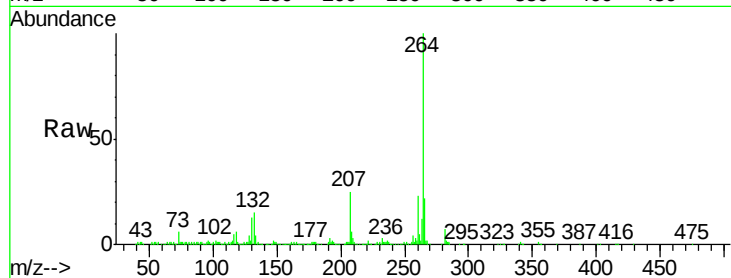




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BM018245.D
Acq: 17 Dec 2018 12:46

Instrument :
BNA_M
ClientSampleId :
P001-SS009-0006-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.5	26.3
265	21.5	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

