

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
 Data File : BM018247.D
 Acq On : 17 Dec 2018 14:00
 Operator : JU/SJ
 Sample : J6378-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0006-01

Quant Time: Dec 18 01:14:38 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

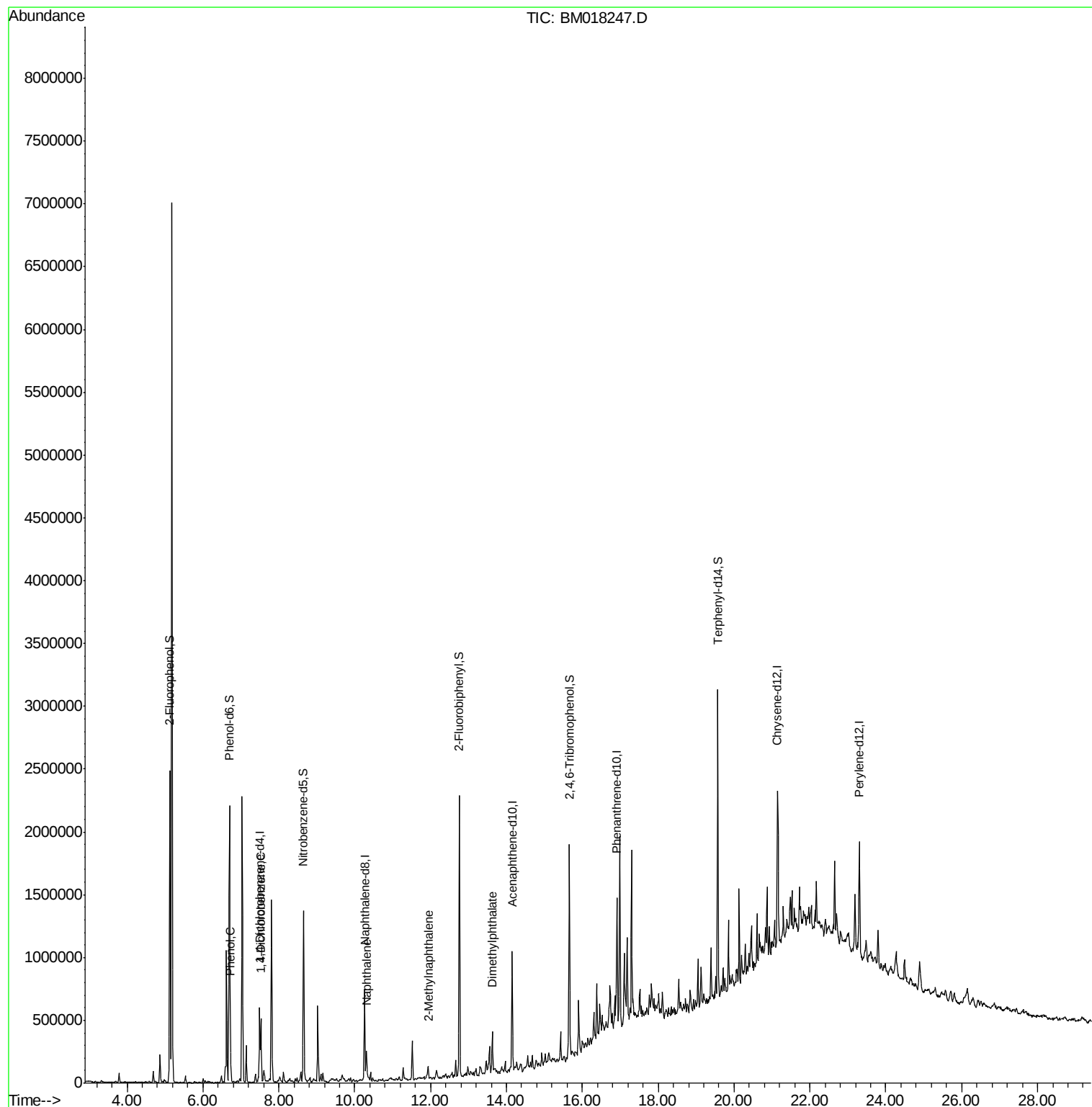
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	153236	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	599165	20.00	ng	0.00
39) Acenaphthene-d10	14.15	164	296471	20.00	ng	-0.01
64) Phenanthrene-d10	16.92	188	538598	20.00	ng	0.00
76) Chrysene-d12	21.14	240	539764	20.00	ng	0.00
87) Perylene-d12	23.30	264	613363	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	964772	105.17	ng	0.00
7) Phenol-d6	6.70	99	1290211	101.19	ng	0.00
23) Nitrobenzene-d5	8.65	82	804345	68.86	ng	-0.01
42) 2,4,6-Tribromophenol	15.66	330	312024	71.71	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1116865	48.79	ng	-0.01
79) Terphenyl-d14	19.57	244	1007776	42.23	ng	0.00
Target Compounds						
10) Phenol	6.72	94	75620	5.600	ng	96
13) 1,4-Dichlorobenzene	7.53	146	187023	15.218	ng	96
31) Naphthalene	10.31	128	172959	5.904	ng	98
37) 2-Methylnaphthalene	11.94	142	56244	2.722	ng	98
50) Dimethylphthalate	13.63	163	92159	3.739	ng	96

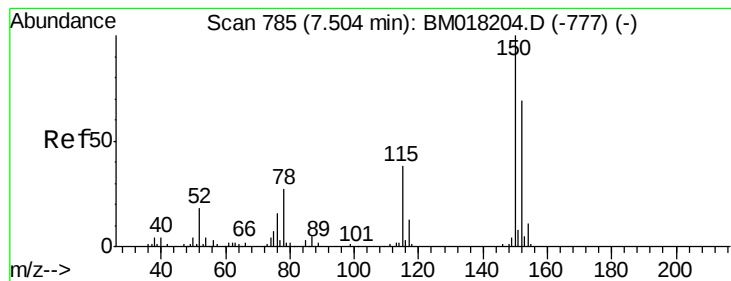
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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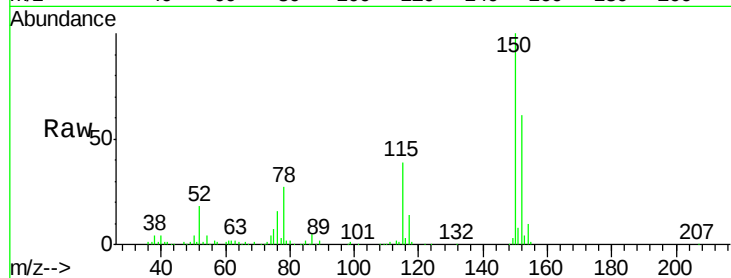


#1

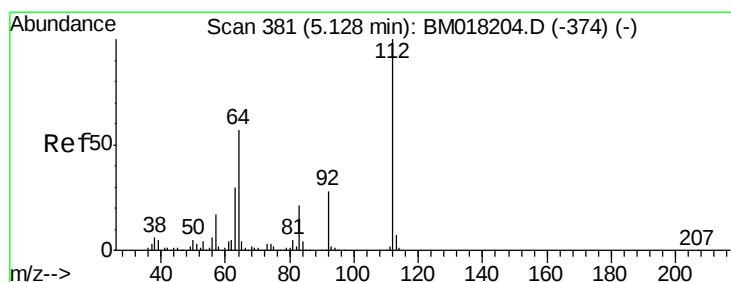
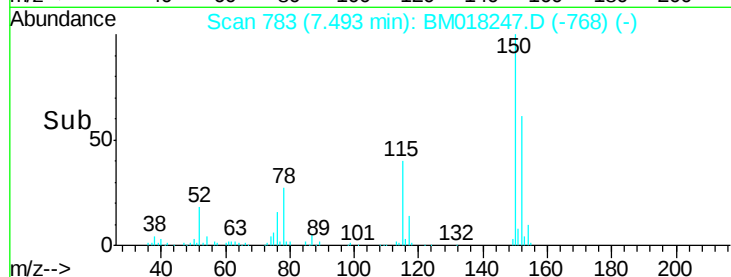
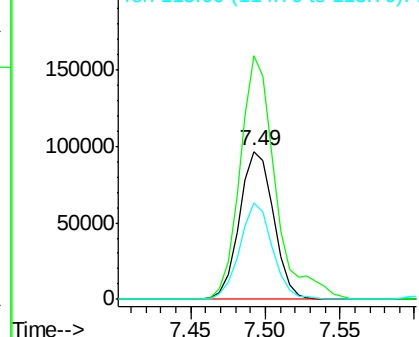
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BM018247.D
Acq: 17 Dec 2018 14:00

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0006-01

Tgt Ion:152 Resp: 153236
Ion Ratio Lower Upper
152 100
150 164.6 116.1 174.1
115 65.0 44.6 67.0



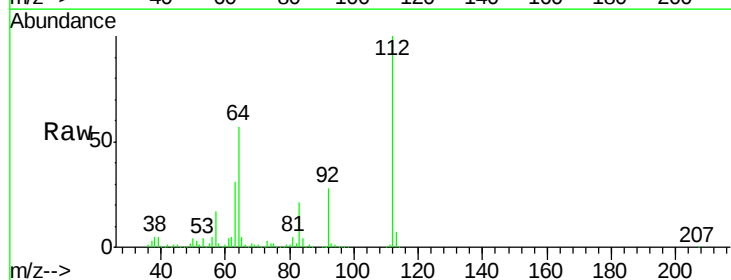
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



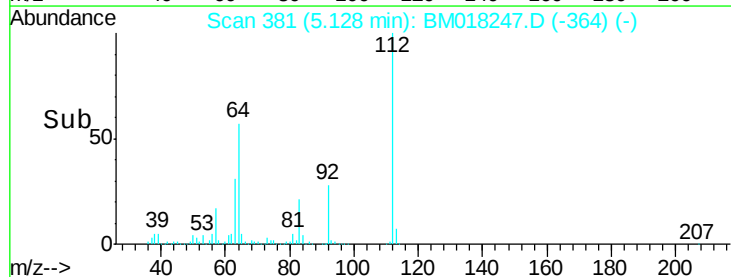
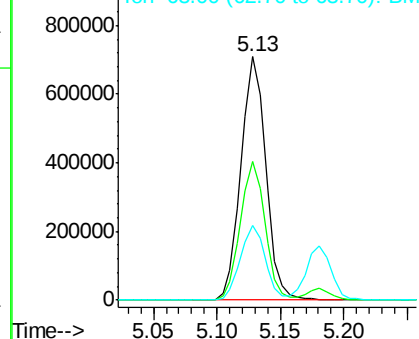
#5

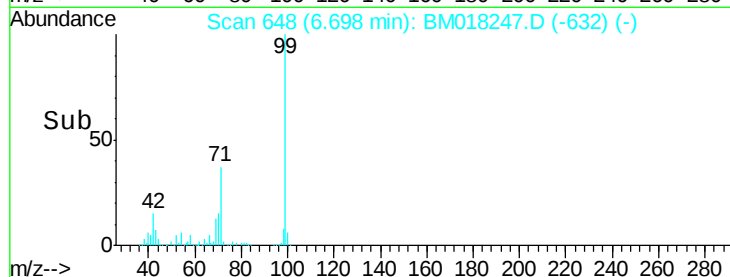
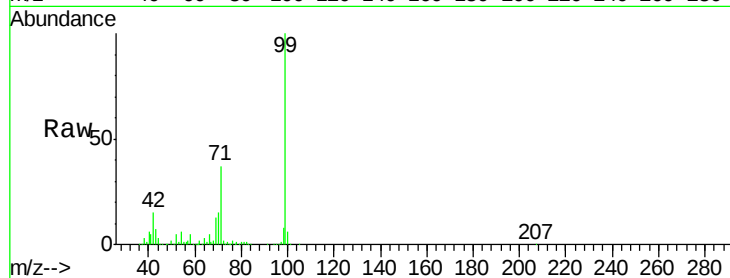
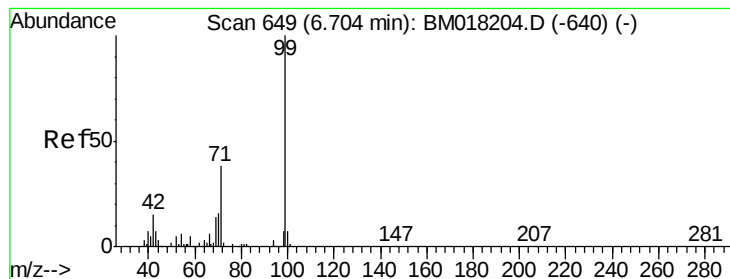
2-Fluorophenol
Concen: 105.173 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018247.D
Acq: 17 Dec 2018 14:00

Tgt Ion:112 Resp: 964772
Ion Ratio Lower Upper
112 100
64 56.8 45.4 68.2
63 30.7 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: 101.193 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018247.D

Acq: 17 Dec 2018 14:00

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0006-01

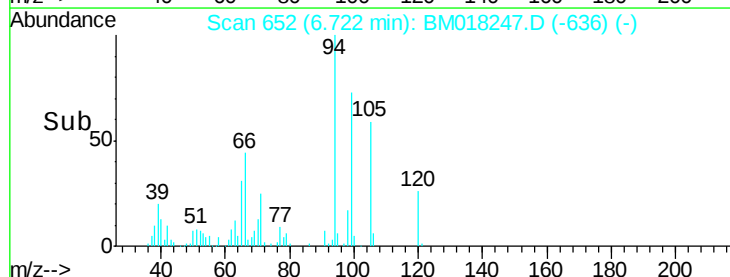
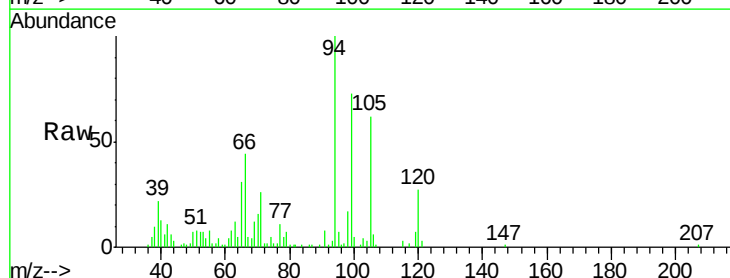
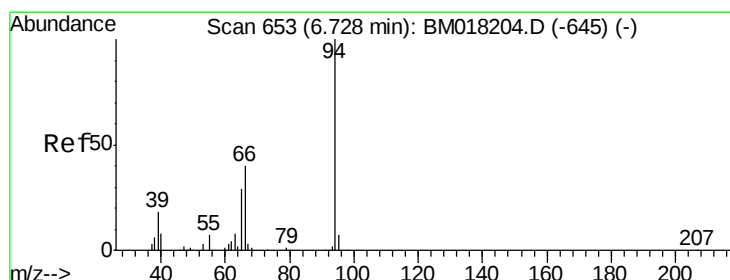
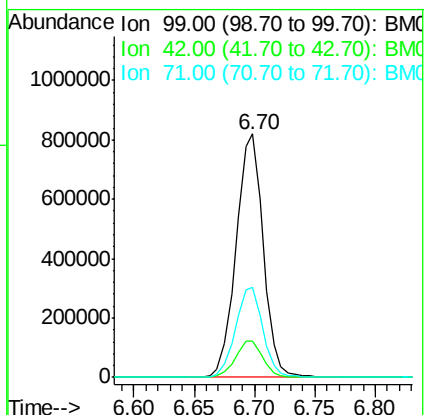
Tgt Ion: 99 Resp: 1290211

Ion Ratio Lower Upper

99 100

42 14.9 12.3 18.5

71 36.9 30.2 45.2



#10

Phenol

Concen: 5.600 ng

RT: 6.72 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018247.D

Acq: 17 Dec 2018 14:00

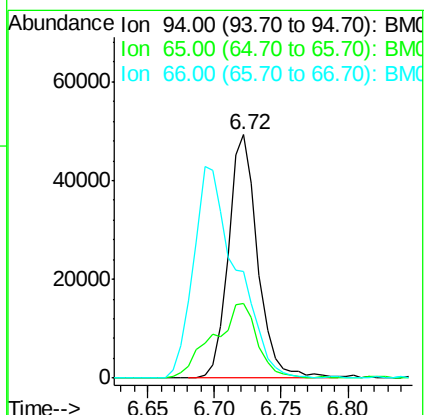
Tgt Ion: 94 Resp: 75620

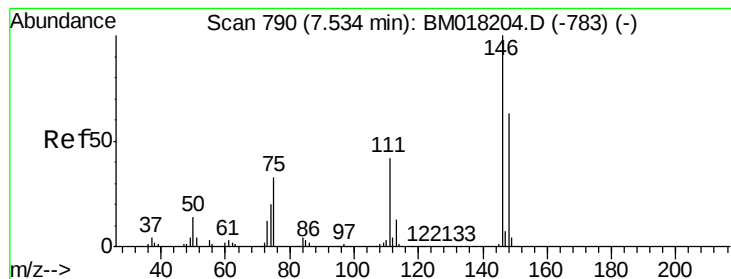
Ion Ratio Lower Upper

94 100

65 30.9 9.5 49.5

66 44.0 21.3 61.3





#13

1,4-Dichlorobenzene

Concen: 15.218 ng

RT: 7.53 min Scan# 789

Delta R.T. -0.01 min

Lab File: BM018247.D

Acq: 17 Dec 2018 14:00

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0006-01

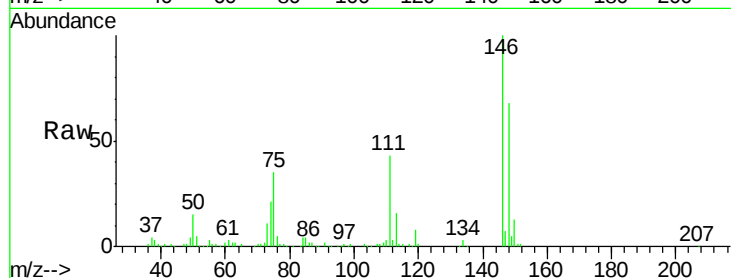
Tgt Ion:146 Resp: 187023

Ion Ratio Lower Upper

146 100

148 68.3 50.7 76.1

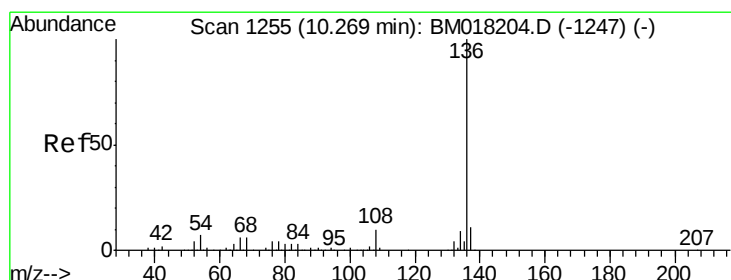
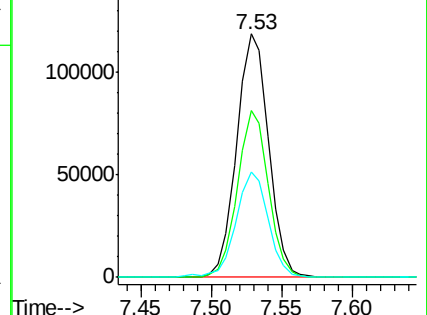
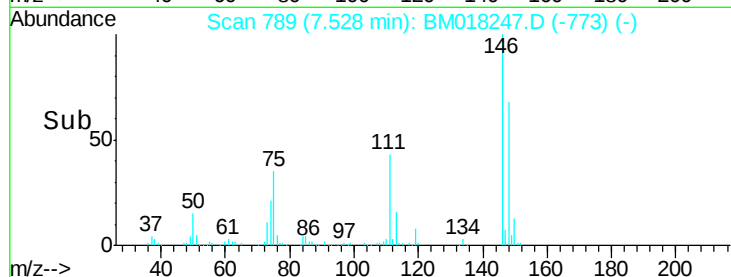
111 43.1 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.26 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM018247.D

Acq: 17 Dec 2018 14:00

Tgt Ion:136 Resp: 599165

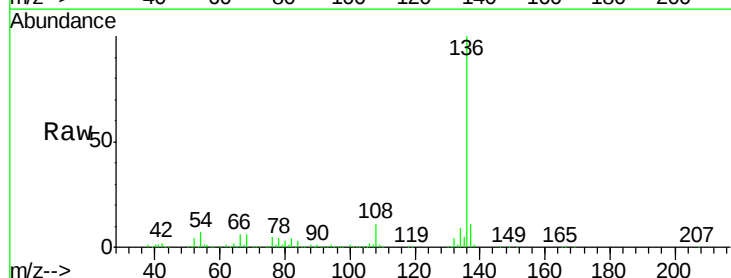
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 6.7 5.2 7.8

68 6.1 5.0 7.6

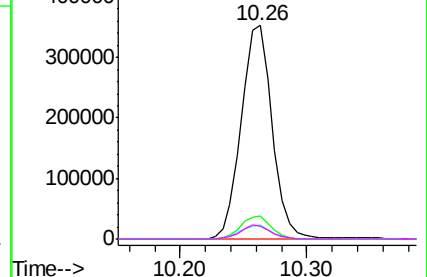
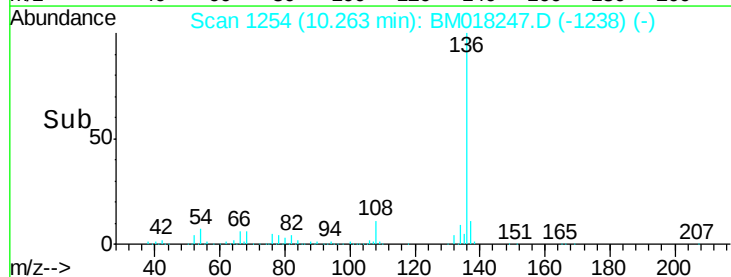


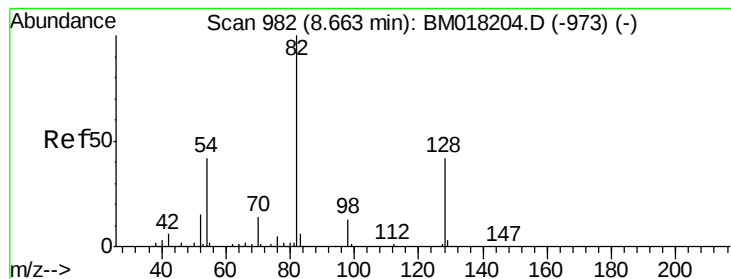
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0





#23

Nitrobenzene-d5

Concen: 68.859 ng

RT: 8.65 min Scan# 980

Delta R.T. -0.01 min

Lab File: BM018247.D

Acq: 17 Dec 2018 14:00

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0006-01

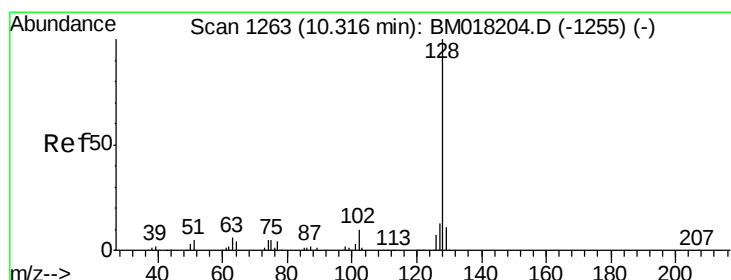
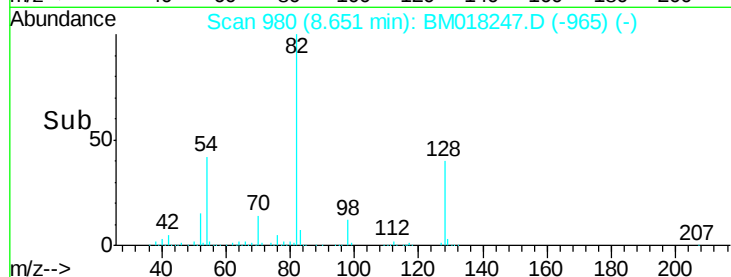
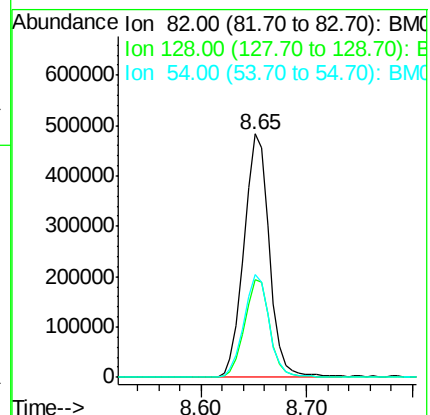
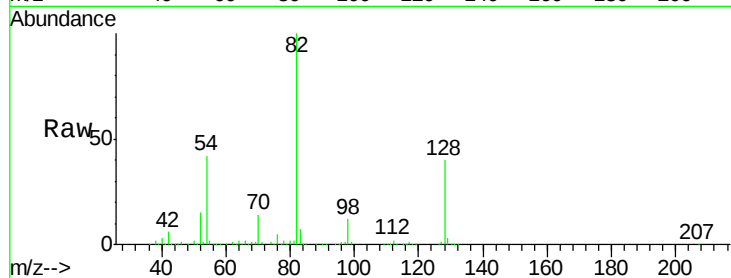
Tgt Ion: 82 Resp: 804345

Ion Ratio Lower Upper

82 100

128 40.4 33.4 50.2

54 42.3 33.4 50.2



#31

Naphthalene

Concen: 5.904 ng

RT: 10.31 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM018247.D

Acq: 17 Dec 2018 14:00

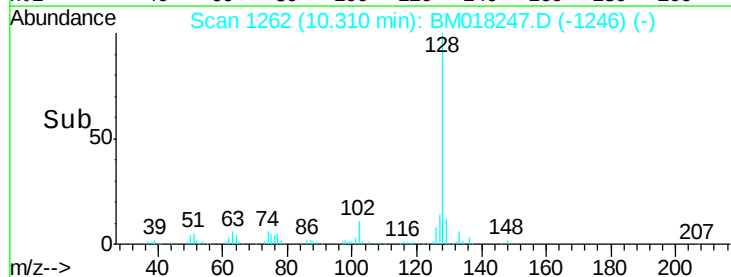
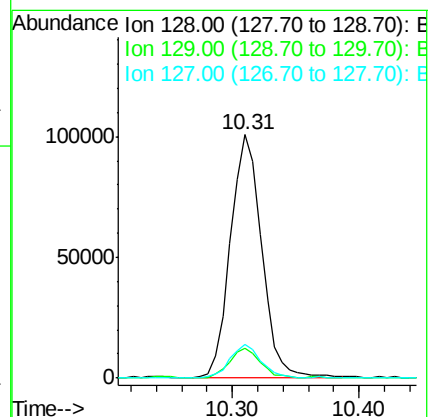
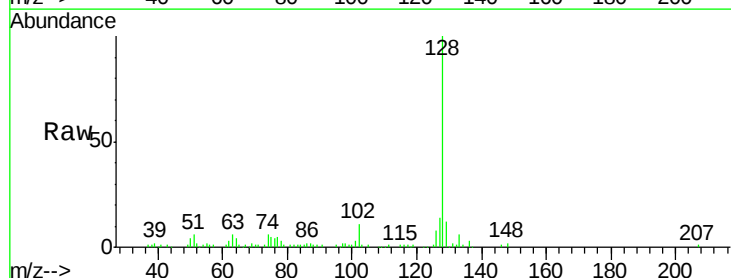
Tgt Ion: 128 Resp: 172959

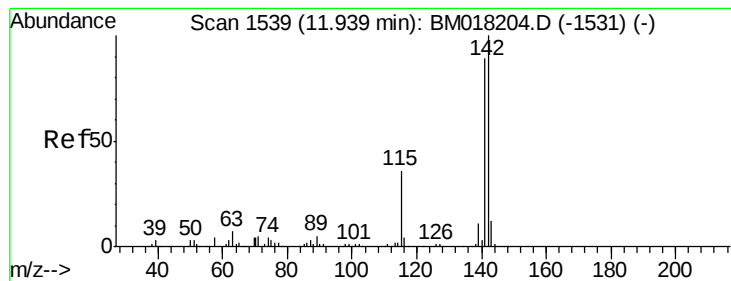
Ion Ratio Lower Upper

128 100

129 12.0 8.9 13.3

127 13.8 10.4 15.6





#37

2-Methylnaphthalene

Concen: 2.722 ng

RT: 11.94 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BM018247.D

Acq: 17 Dec 2018 14:00

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0006-01

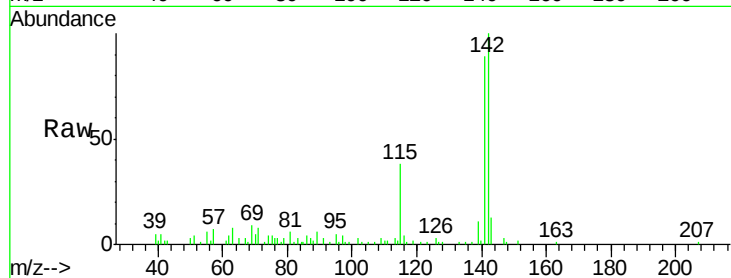
Tgt Ion:142 Resp: 56244

Ion Ratio Lower Upper

142 100

141 88.6 71.4 107.2

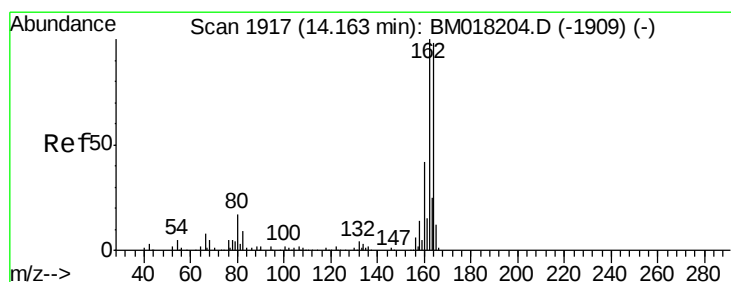
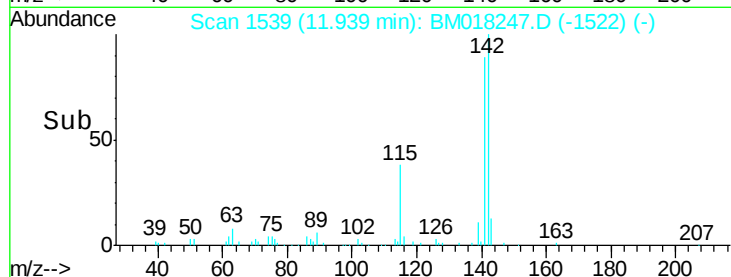
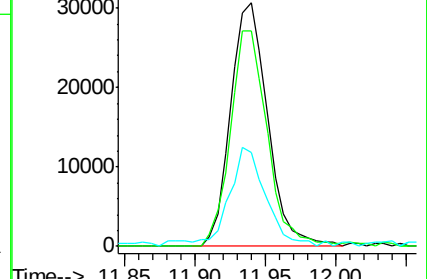
115 38.3 29.0 43.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.15 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018247.D

Acq: 17 Dec 2018 14:00

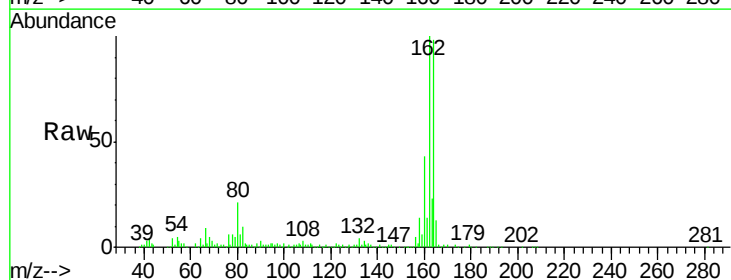
Tgt Ion:164 Resp: 296471

Ion Ratio Lower Upper

164 100

162 102.0 81.8 122.6

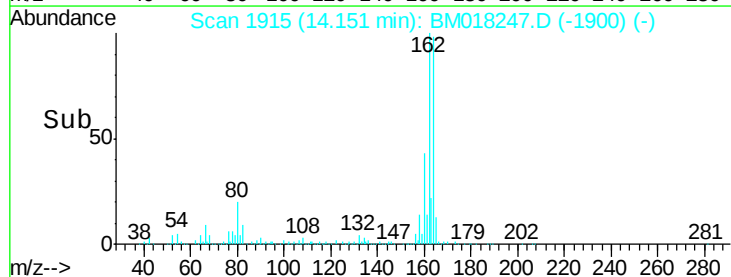
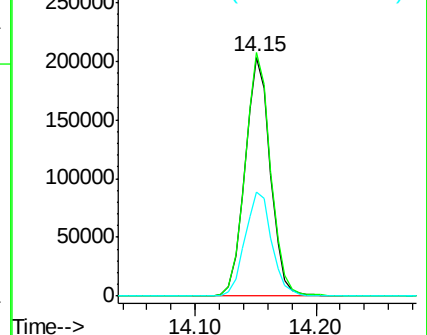
160 43.7 34.6 51.8

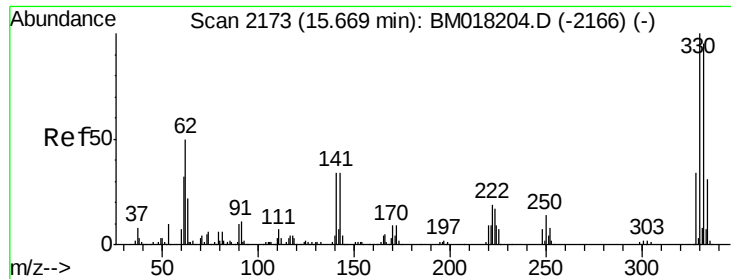


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

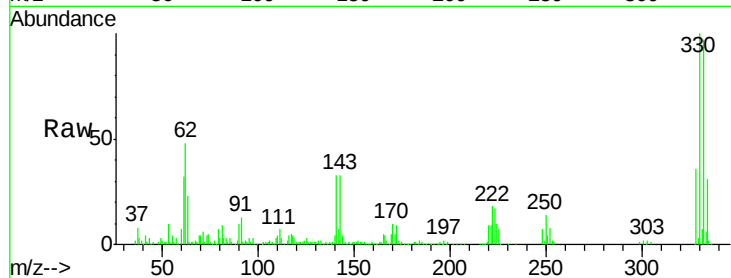




#42
 2,4,6-Tribromophenol
 Concen: 71.707 ng
 RT: 15.66 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BM018247.D
 Acq: 17 Dec 2018 14:00

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0006-01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.6	118.0
141	36.0	27.1	40.7

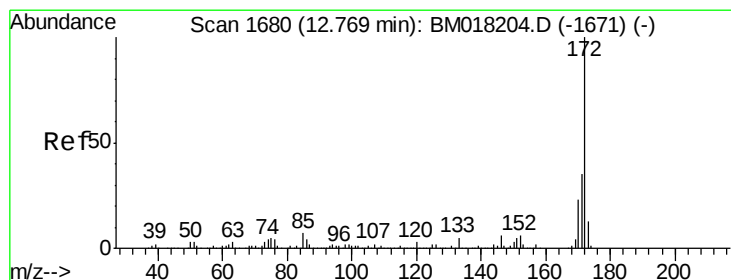
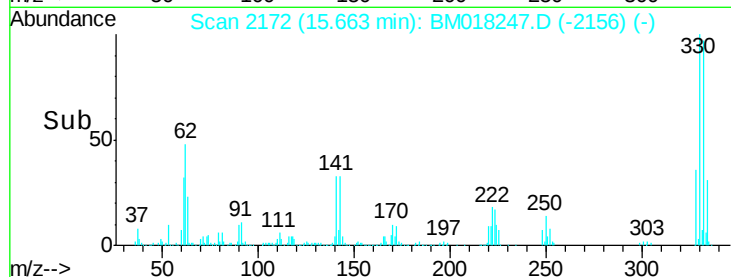
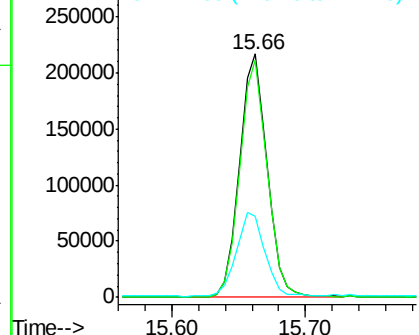


Abundance

Ion 329.80 (329.50 to 330.50): E

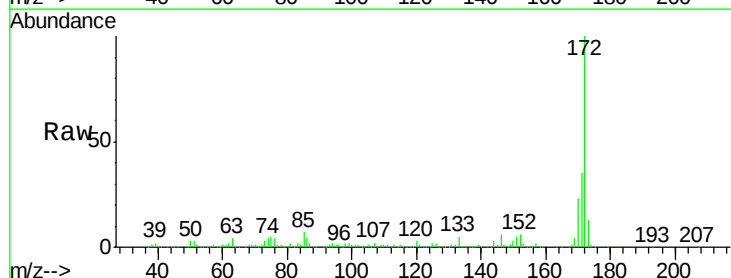
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 48.794 ng
 RT: 12.76 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM018247.D
 Acq: 17 Dec 2018 14:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	22.9	18.1	27.1

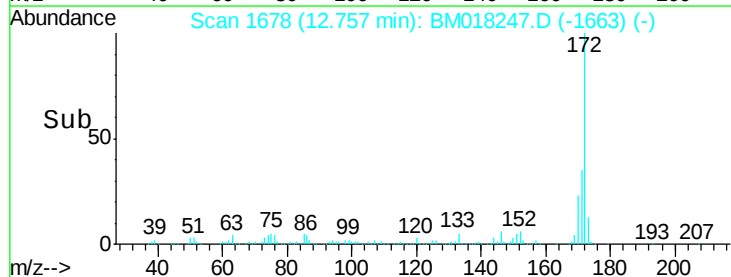
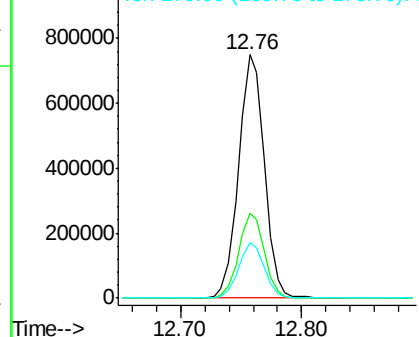


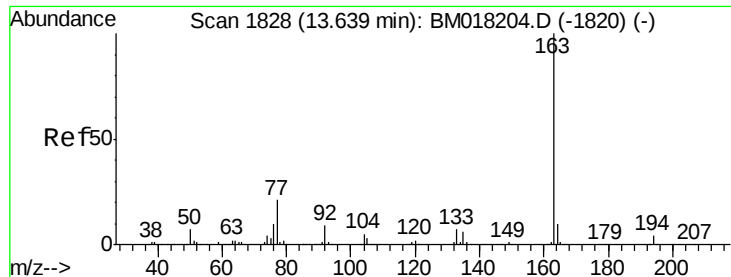
Abundance

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: 3.739 ng

RT: 13.63 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM018247.D

Acq: 17 Dec 2018 14:00

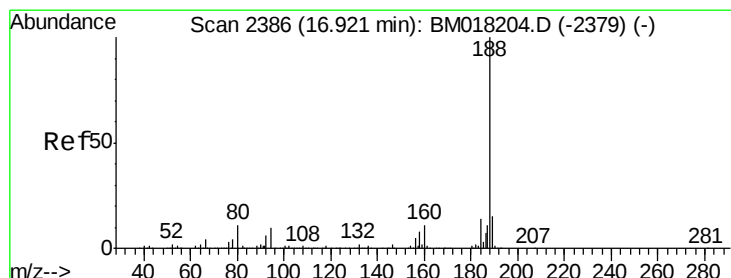
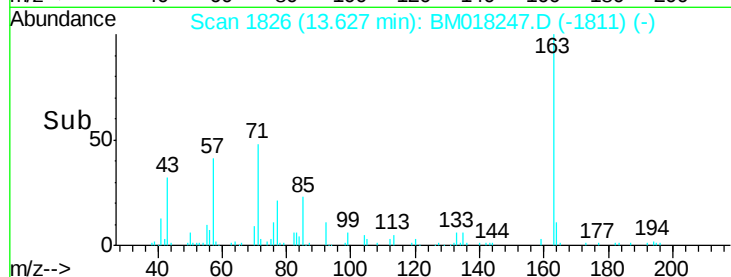
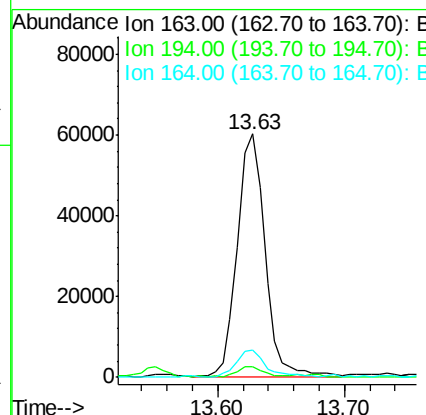
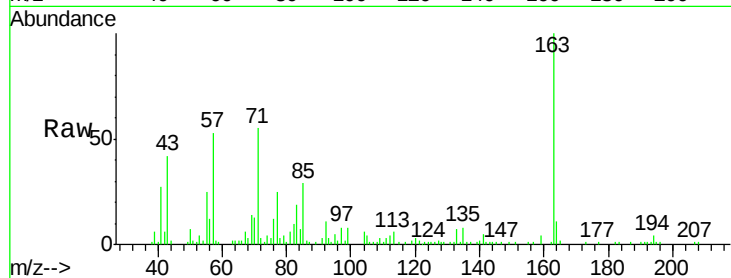
Instrument :

BNA_M

ClientSampleId :

P001-SD012-0006-01

Tgt Ion:163	Resp:	92159
Ion Ratio	Lower	Upper
163	100	
194	4.5	3.1 4.7
164	11.4	7.9 11.9



#64

Phenanthrene-d10

Concen: 20.000 ng

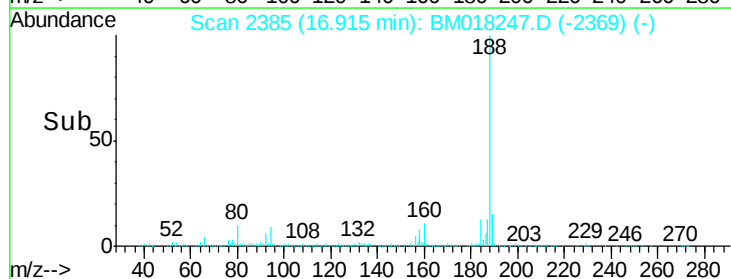
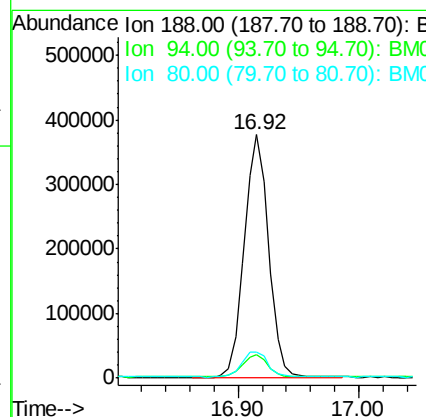
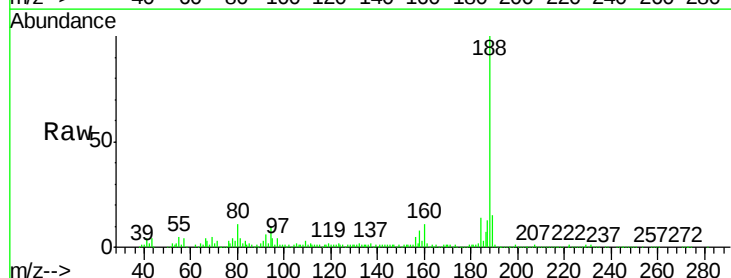
RT: 16.92 min Scan# 2385

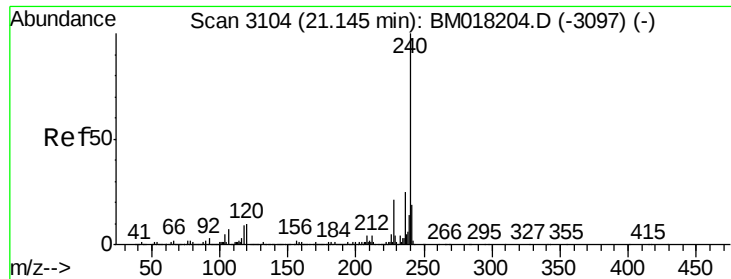
Delta R.T. -0.01 min

Lab File: BM018247.D

Acq: 17 Dec 2018 14:00

Tgt Ion:188	Resp:	538598
Ion Ratio	Lower	Upper
188	100	
94	9.8	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: BM018247.D

Acq: 17 Dec 2018 14:00

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0006-01

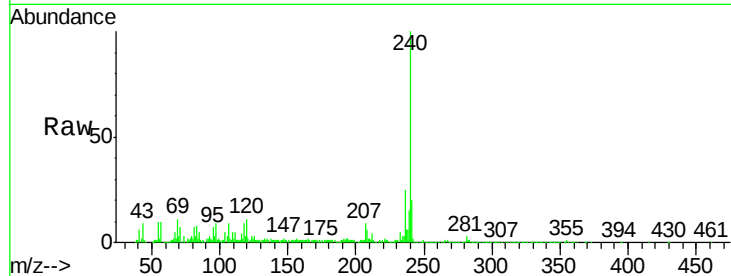
Tgt Ion:240 Resp: 539764

Ion Ratio Lower Upper

240 100

120 10.5 8.2 12.2

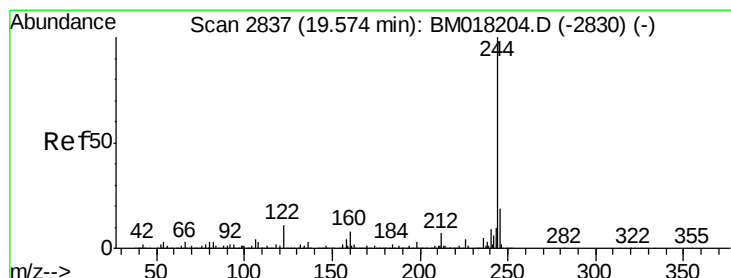
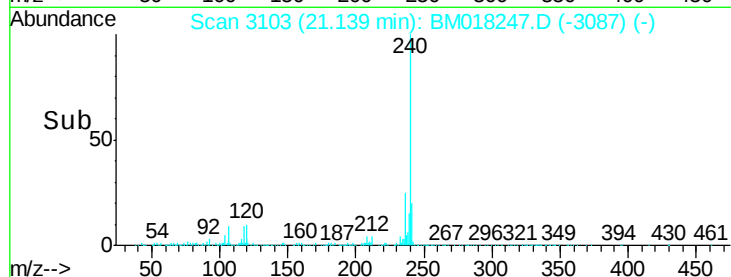
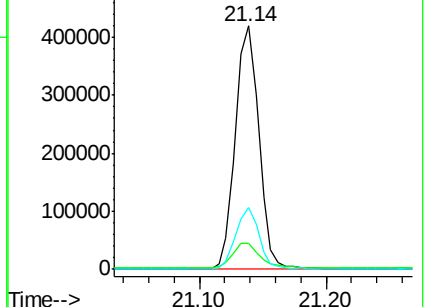
236 25.3 20.3 30.5



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: 42.227 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM018247.D

Acq: 17 Dec 2018 14:00

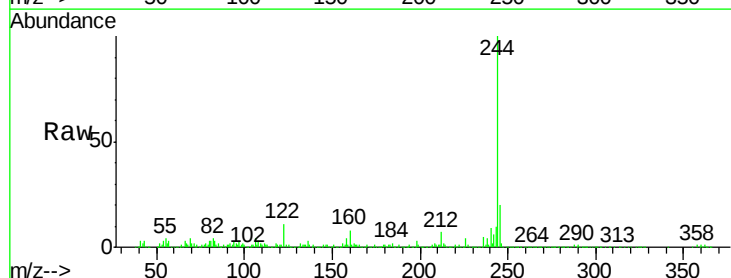
Tgt Ion:244 Resp: 1007776

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

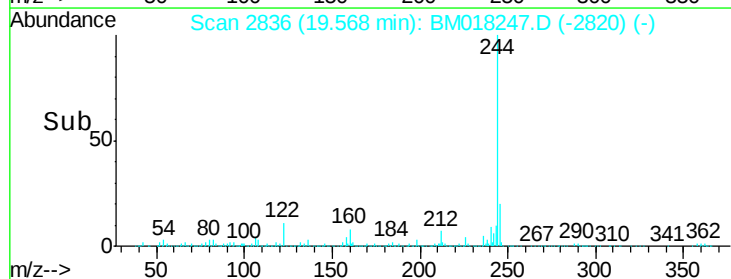
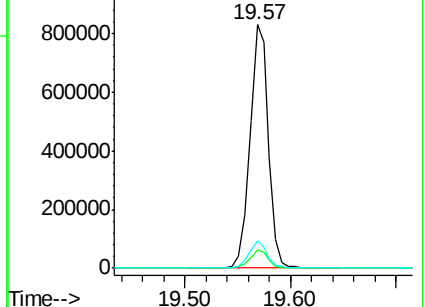
122 11.0 9.0 13.6

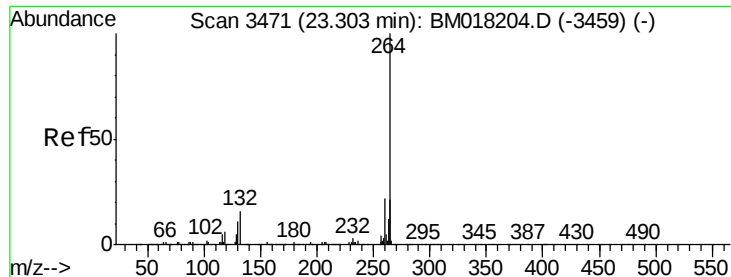


Abundance Ion 244.00 (243.70 to 244.70): E

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: BM018247.D

Acq: 17 Dec 2018 14:00

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0006-01

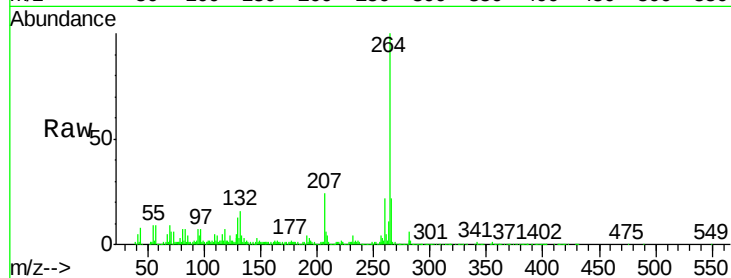
Tgt Ion: 264 Resp: 613363

Ion Ratio Lower Upper

264 100

260 22.1 17.5 26.3

265 22.5 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

