

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
 Data File : BM018241.D
 Acq On : 17 Dec 2018 10:19
 Operator : JU/SJ
 Sample : J6347-20
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD001-0006-01

Quant Time: Dec 18 00:48:43 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

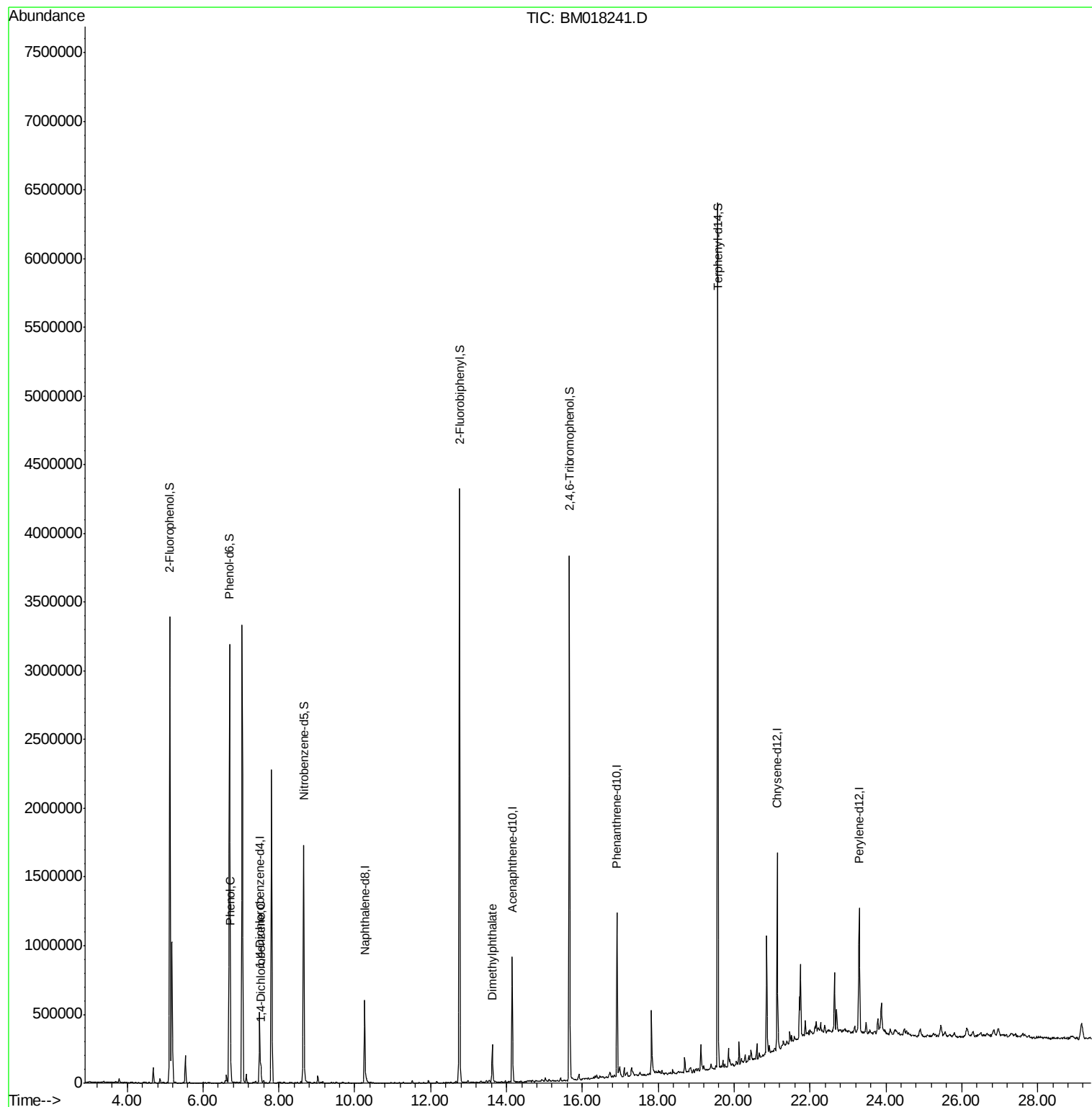
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	128611	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	516026	20.00	ng	0.00
39) Acenaphthene-d10	14.15	164	299857	20.00	ng	-0.01
64) Phenanthrene-d10	16.92	188	675739	20.00	ng	0.00
76) Chrysene-d12	21.13	240	700534	20.00	ng	-0.01
87) Perylene-d12	23.30	264	620061	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1350310	175.39	ng	0.00
7) Phenol-d6	6.70	99	1839413	171.89	ng	0.00
23) Nitrobenzene-d5	8.66	82	1065138	105.88	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	672743	152.86	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	2173578	93.89	ng	0.00
79) Terphenyl-d14	19.57	244	2940505	94.93	ng	0.00
Target Compounds						
10) Phenol	6.72	94	118129	10.424	ng	97
13) 1,4-Dichlorobenzene	7.53	146	41886	4.061	ng	98
50) Dimethylphthalate	13.63	163	174723	7.009	ng	99

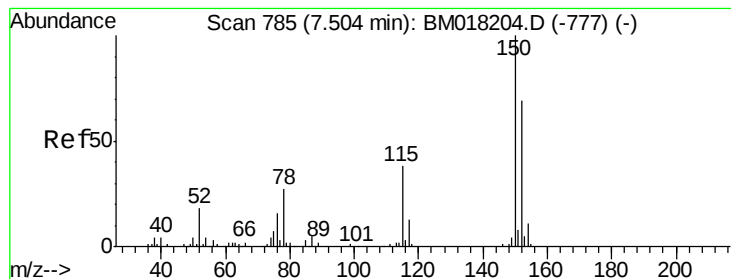
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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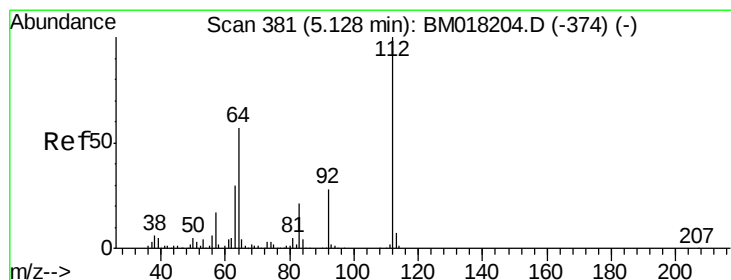
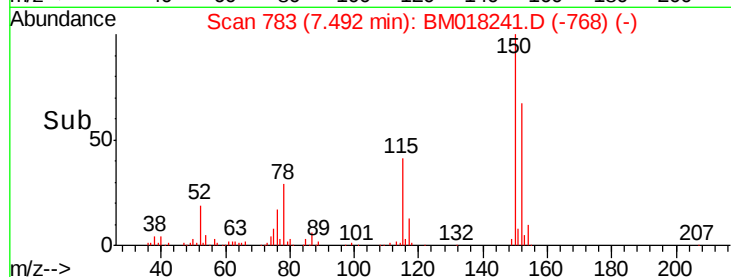
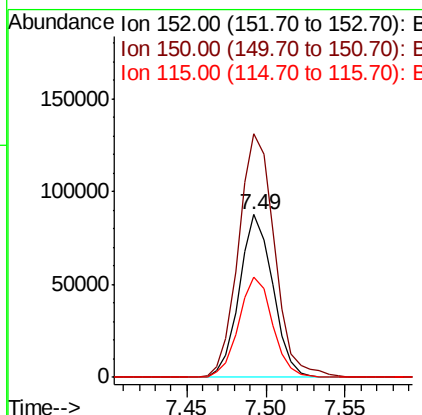
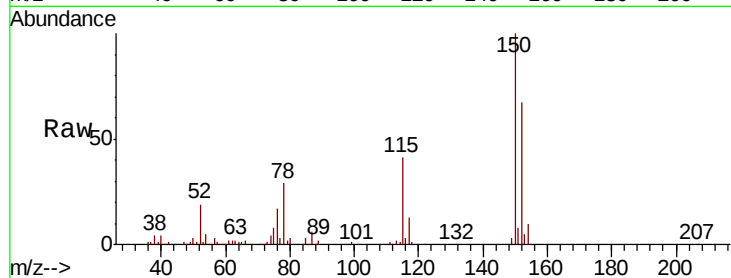


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BM018241.D
Acq: 17 Dec 2018 10:19

Instrument :
BNA_M
ClientSampleId :
P001-SD001-0006-01

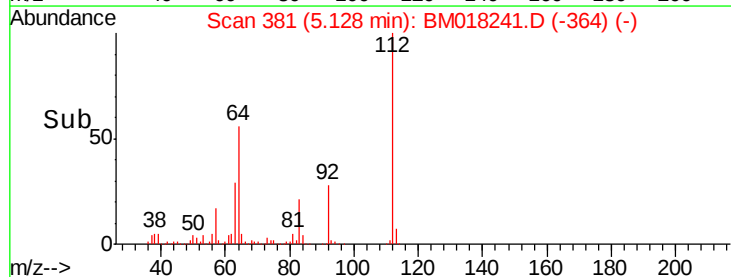
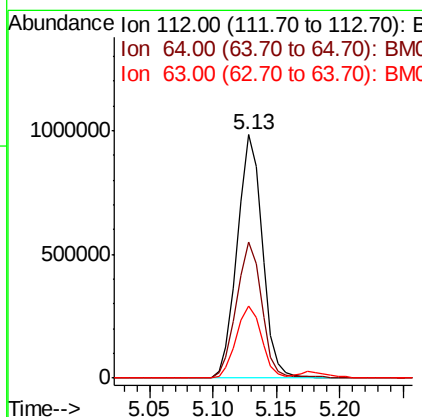
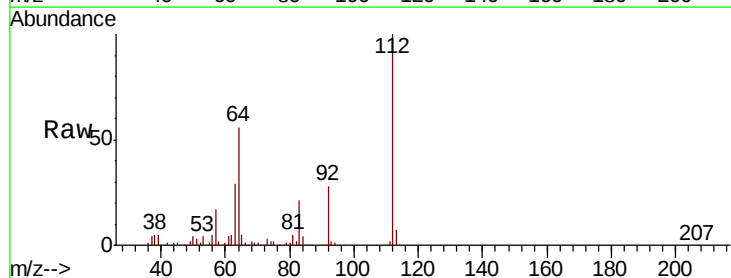
Tgt Ion:152 Resp: 128611
Ion Ratio Lower Upper
152 100
150 149.5 116.1 174.1
115 61.2 44.6 67.0



#5

2-Fluorophenol
Concen: 175.387 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018241.D
Acq: 17 Dec 2018 10:19

Tgt Ion:112 Resp: 1350310
Ion Ratio Lower Upper
112 100
64 55.9 45.4 68.2
63 29.4 24.0 36.0





#7

Phenol-d6

Concen: 171.891 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018241.D

Acq: 17 Dec 2018 10:19

Instrument :

BNA_M

ClientSampleId :

P001-SD001-0006-01

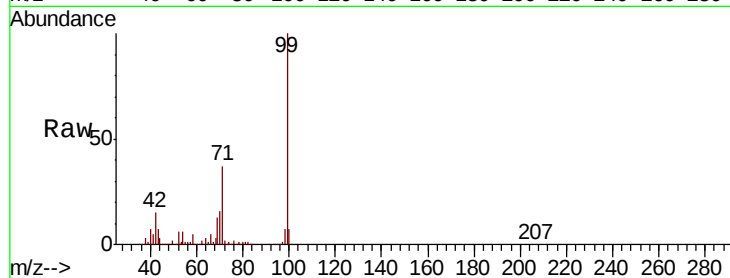
Tgt Ion: 99 Resp: 1839413

Ion Ratio Lower Upper

99 100

42 14.9 12.3 18.5

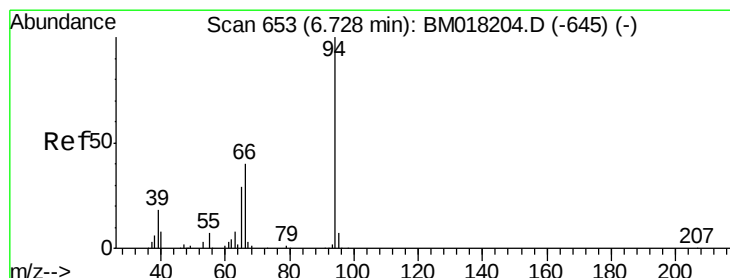
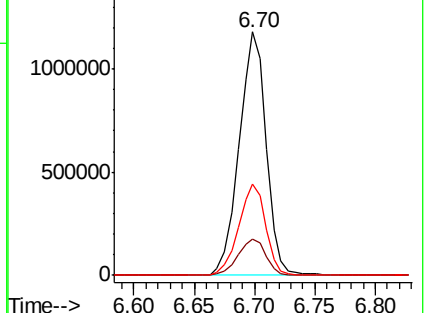
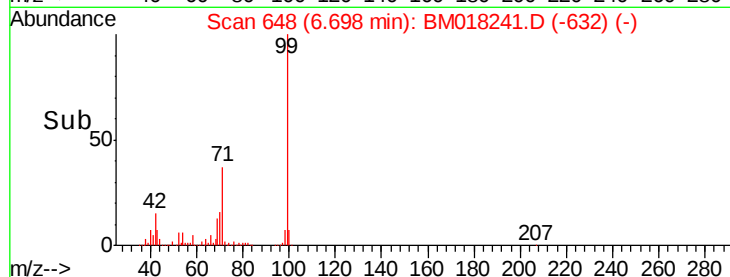
71 37.4 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018241.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018241.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018241.D (-632) (-)



#10

Phenol

Concen: 10.424 ng

RT: 6.72 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018241.D

Acq: 17 Dec 2018 10:19

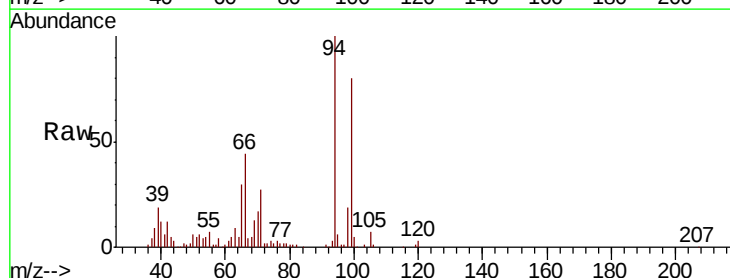
Tgt Ion: 94 Resp: 118129

Ion Ratio Lower Upper

94 100

65 30.1 9.5 49.5

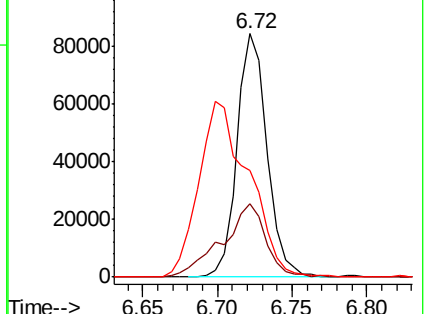
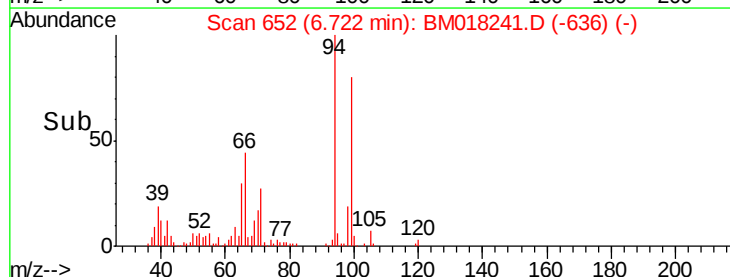
66 43.8 21.3 61.3

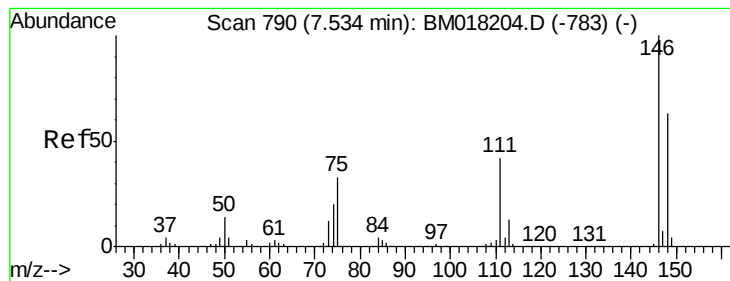


Abundance Ion 94.00 (93.70 to 94.70): BM018241.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018241.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018241.D (-636) (-)





#13

1,4-Dichlorobenzene

Concen: 4.061 ng

RT: 7.53 min Scan# 789

Delta R.T. -0.01 min

Lab File: BM018241.D

Acq: 17 Dec 2018 10:19

Instrument :

BNA_M

ClientSampleId :

P001-SD001-0006-01

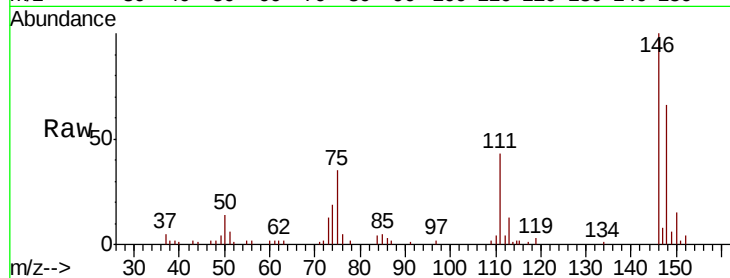
Tgt Ion:146 Resp: 41886

Ion Ratio Lower Upper

146 100

148 65.8 50.7 76.1

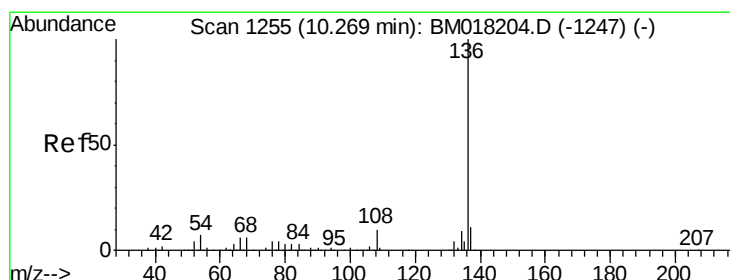
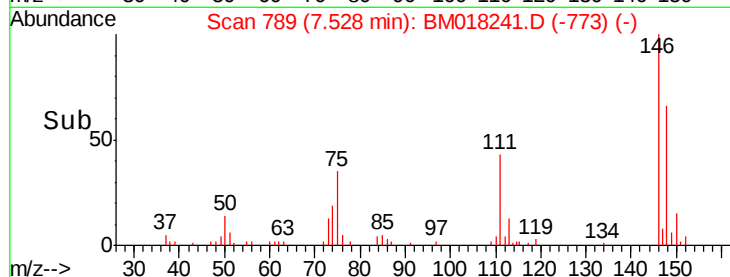
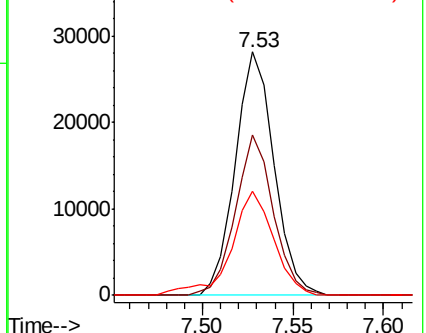
111 42.6 34.2 51.2



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: BM018241.D

Acq: 17 Dec 2018 10:19

Tgt Ion:136 Resp: 516026

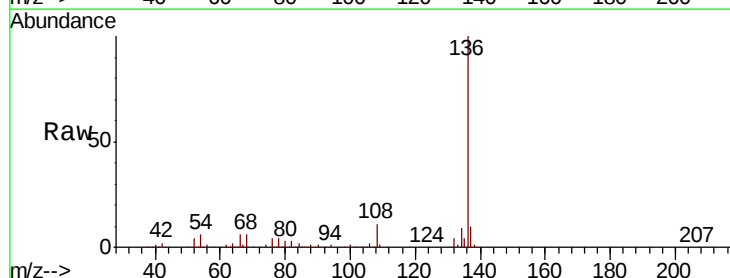
Ion Ratio Lower Upper

136 100

137 10.1 9.2 13.8

54 5.9 5.2 7.8

68 5.6 5.0 7.6

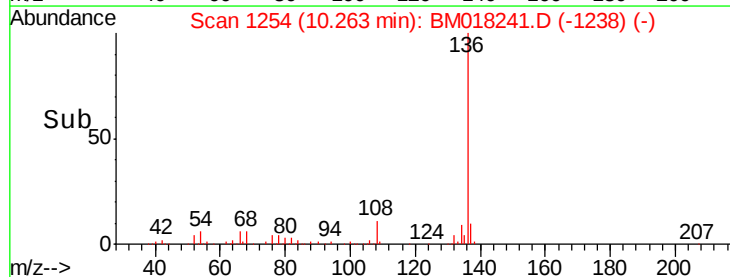
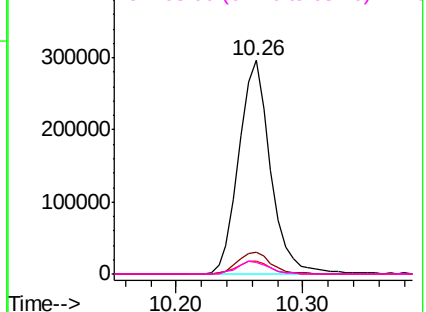


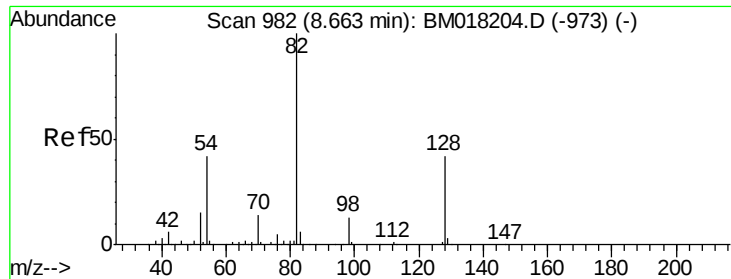
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

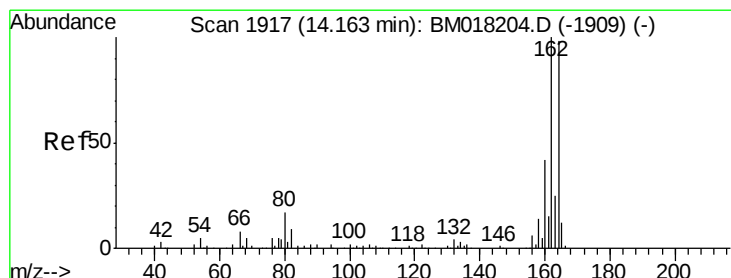
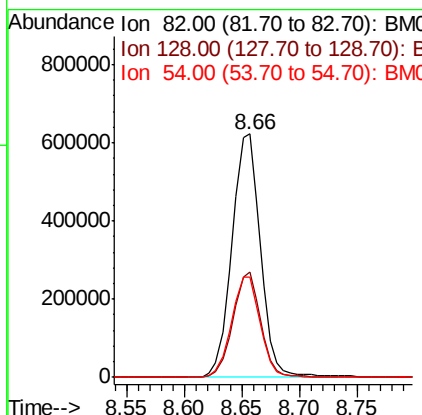
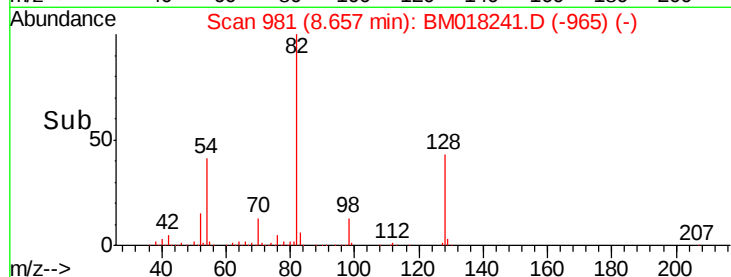
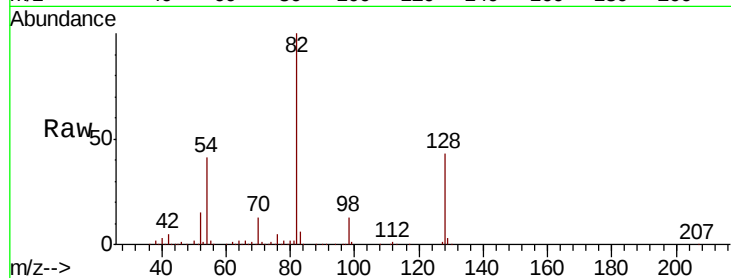




#23
Nitrobenzene-d5
Concen: 105.876 ng
RT: 8.66 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM018241.D
Acq: 17 Dec 2018 10:19

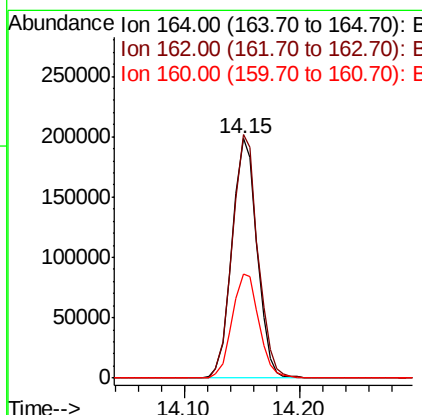
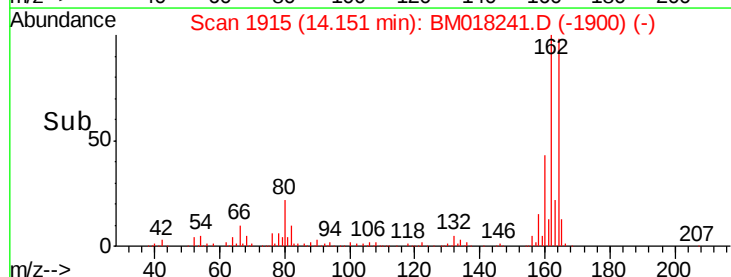
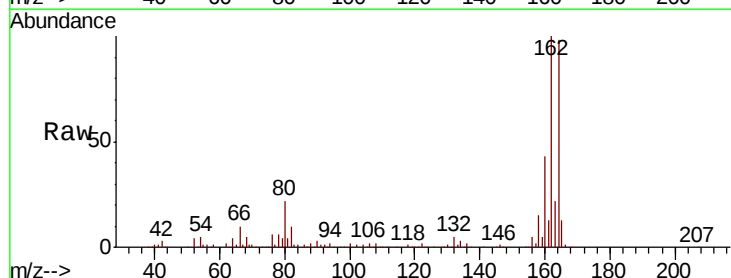
Instrument :
BNA_M
ClientSampleId :
P001-SD001-0006-01

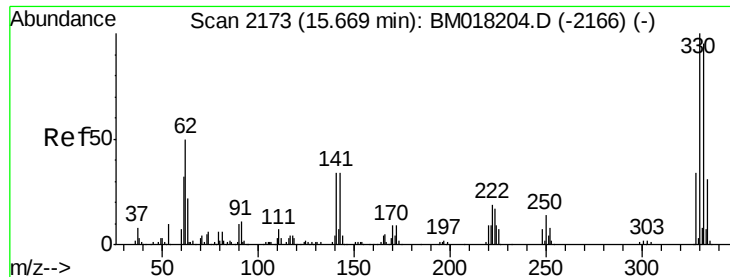
Tgt Ion: 82 Resp: 1065138
Ion Ratio Lower Upper
82 100
128 43.2 33.4 50.2
54 40.9 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.15 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018241.D
Acq: 17 Dec 2018 10:19

Tgt Ion: 164 Resp: 299857
Ion Ratio Lower Upper
164 100
162 101.6 81.8 122.6
160 43.4 34.6 51.8

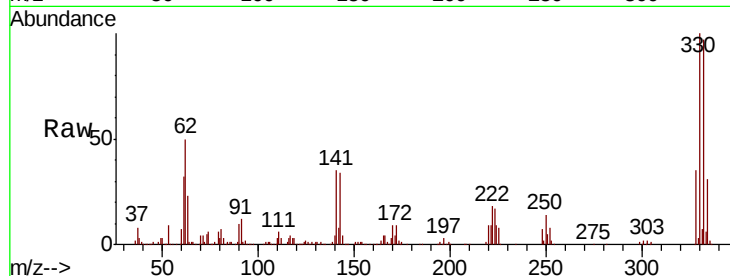




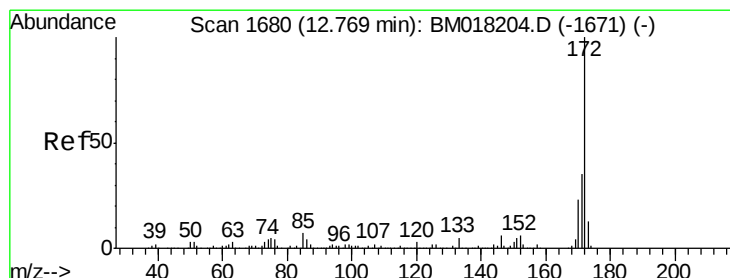
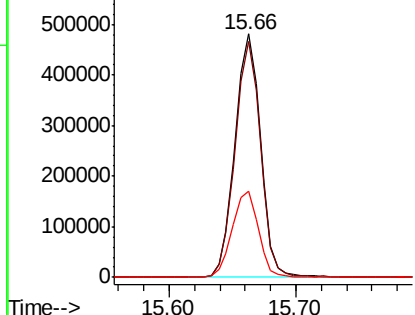
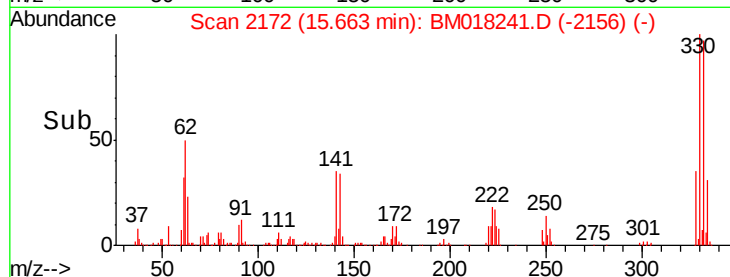
#42
 2,4,6-Tribromophenol
 Concen: 152.859 ng
 RT: 15.66 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BM018241.D
 Acq: 17 Dec 2018 10:19

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD001-0006-01

Tgt Ion:330 Resp: 672743
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.6 118.0
 141 36.2 27.1 40.7

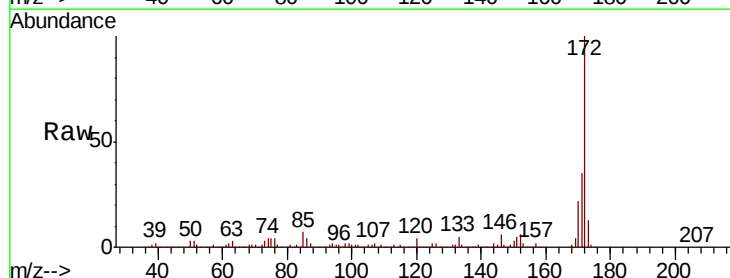


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

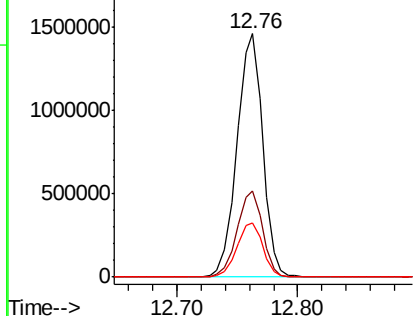
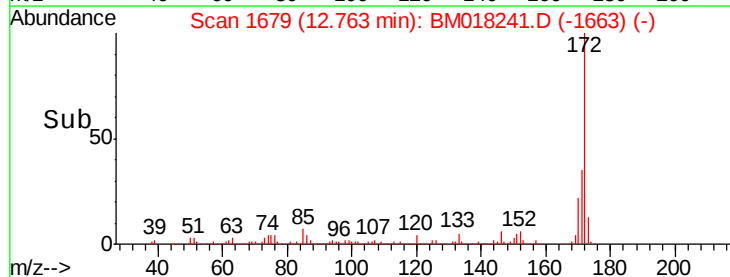


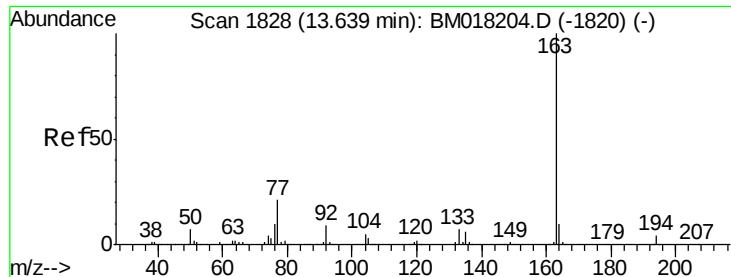
#45
 2-Fluorobiphenyl
 Concen: 93.888 ng
 RT: 12.76 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BM018241.D
 Acq: 17 Dec 2018 10:19

Tgt Ion:172 Resp: 2173578
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.3 42.5
 170 22.5 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: 7.009 ng

RT: 13.63 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM018241.D

Acq: 17 Dec 2018 10:19

Instrument :

BNA_M

ClientSampleId :

P001-SD001-0006-01

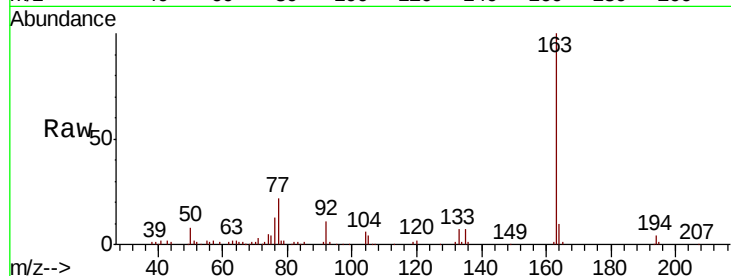
Tgt Ion:163 Resp: 174723

Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

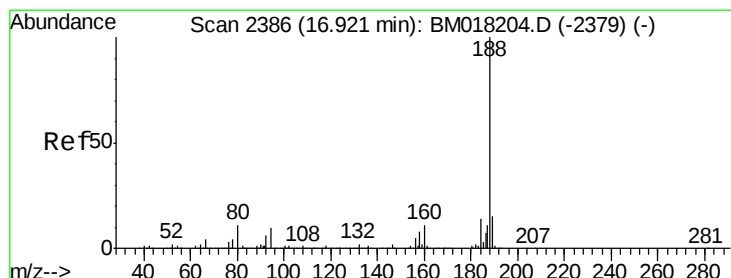
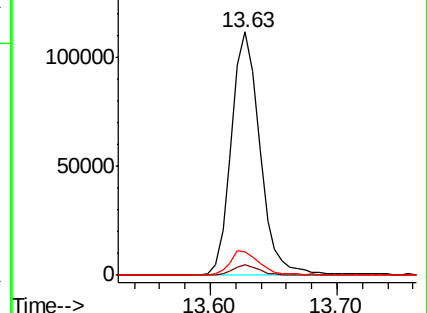
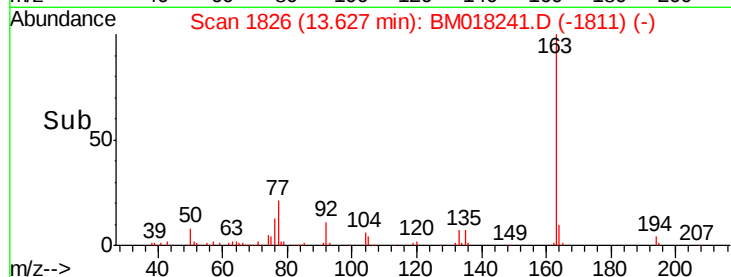
164 9.7 7.9 11.9



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: 16.92 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM018241.D

Acq: 17 Dec 2018 10:19

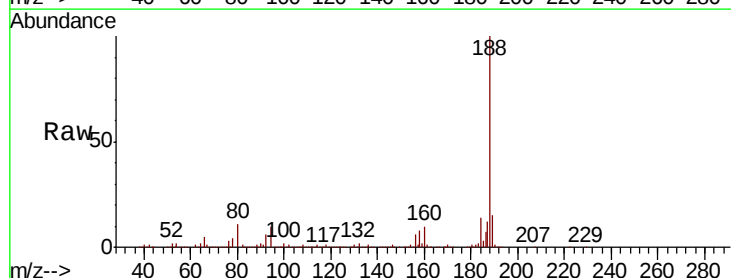
Tgt Ion:188 Resp: 675739

Ion Ratio Lower Upper

188 100

94 9.8 8.0 12.0

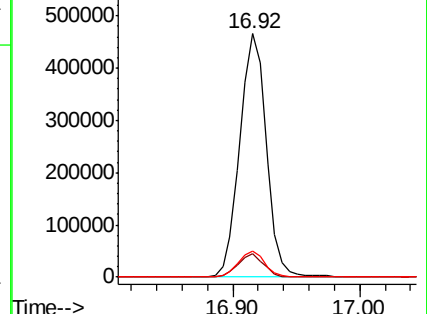
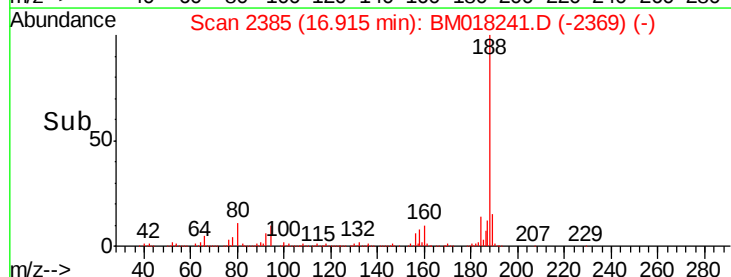
80 10.8 9.0 13.6

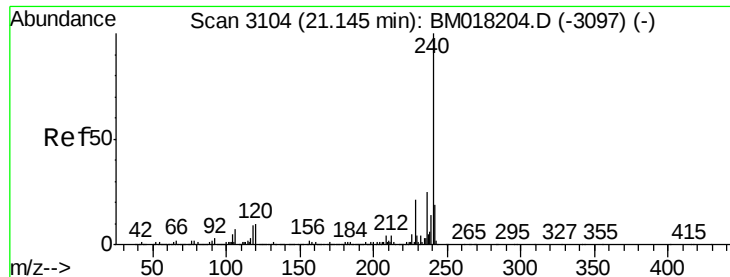


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

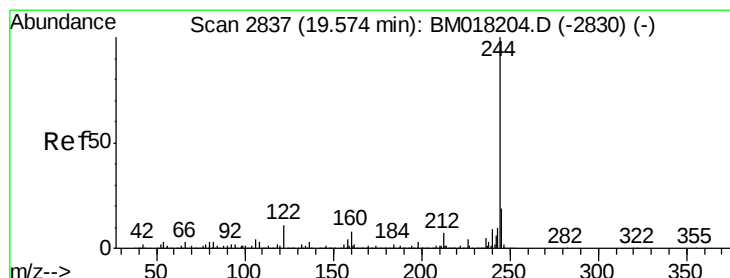
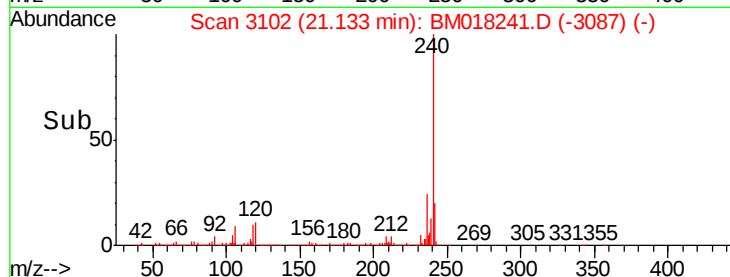
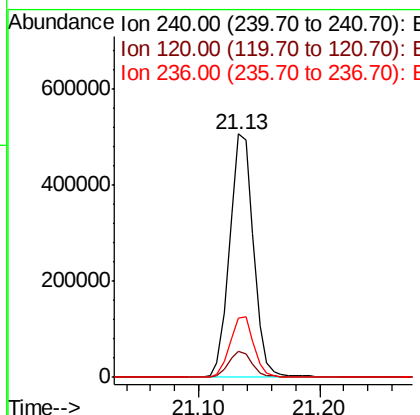
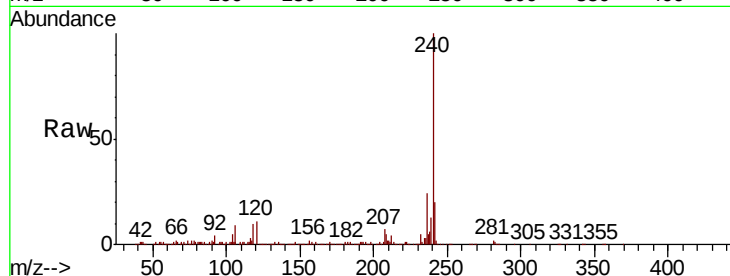




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018241.D
Acq: 17 Dec 2018 10:19

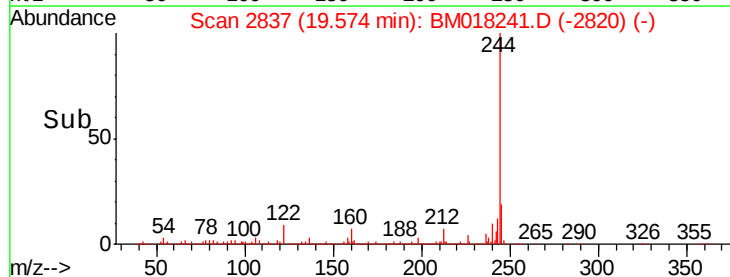
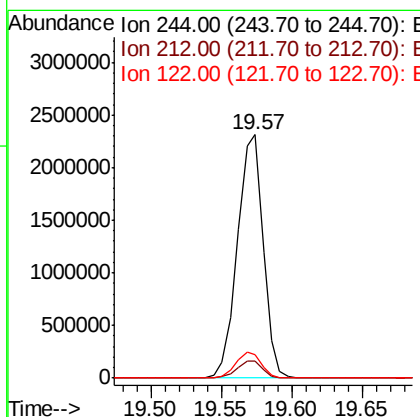
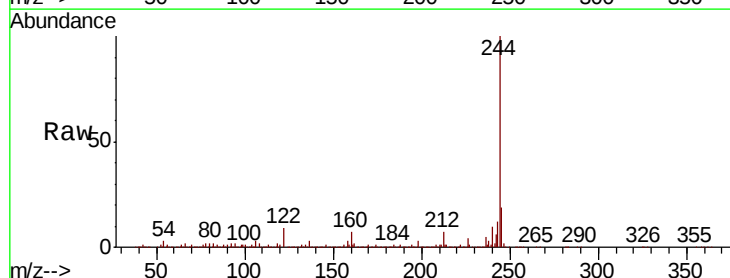
Instrument :
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P001-SD001-0006-01

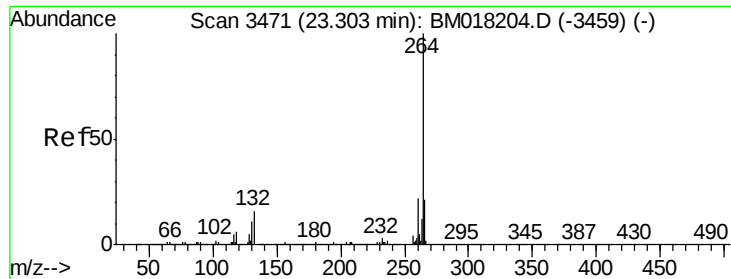
Tgt Ion:240 Resp: 700534
Ion Ratio Lower Upper
240 100
120 10.9 8.2 12.2
236 24.3 20.3 30.5



#79
Terphenyl-d14
Concen: 94.933 ng
RT: 19.57 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BM018241.D
Acq: 17 Dec 2018 10:19

Tgt Ion:244 Resp: 2940505
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 9.4 9.0 13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BM018241.D
Acq: 17 Dec 2018 10:19

Instrument :
BNA_M
ClientSampleId :
P001-SD001-0006-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.5	26.3
265	21.7	17.3	25.9

