

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
 Data File : BM018242.D
 Acq On : 17 Dec 2018 10:56
 Operator : JU/SJ
 Sample : J6379-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS003-1218-01

Quant Time: Dec 18 00:48:53 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

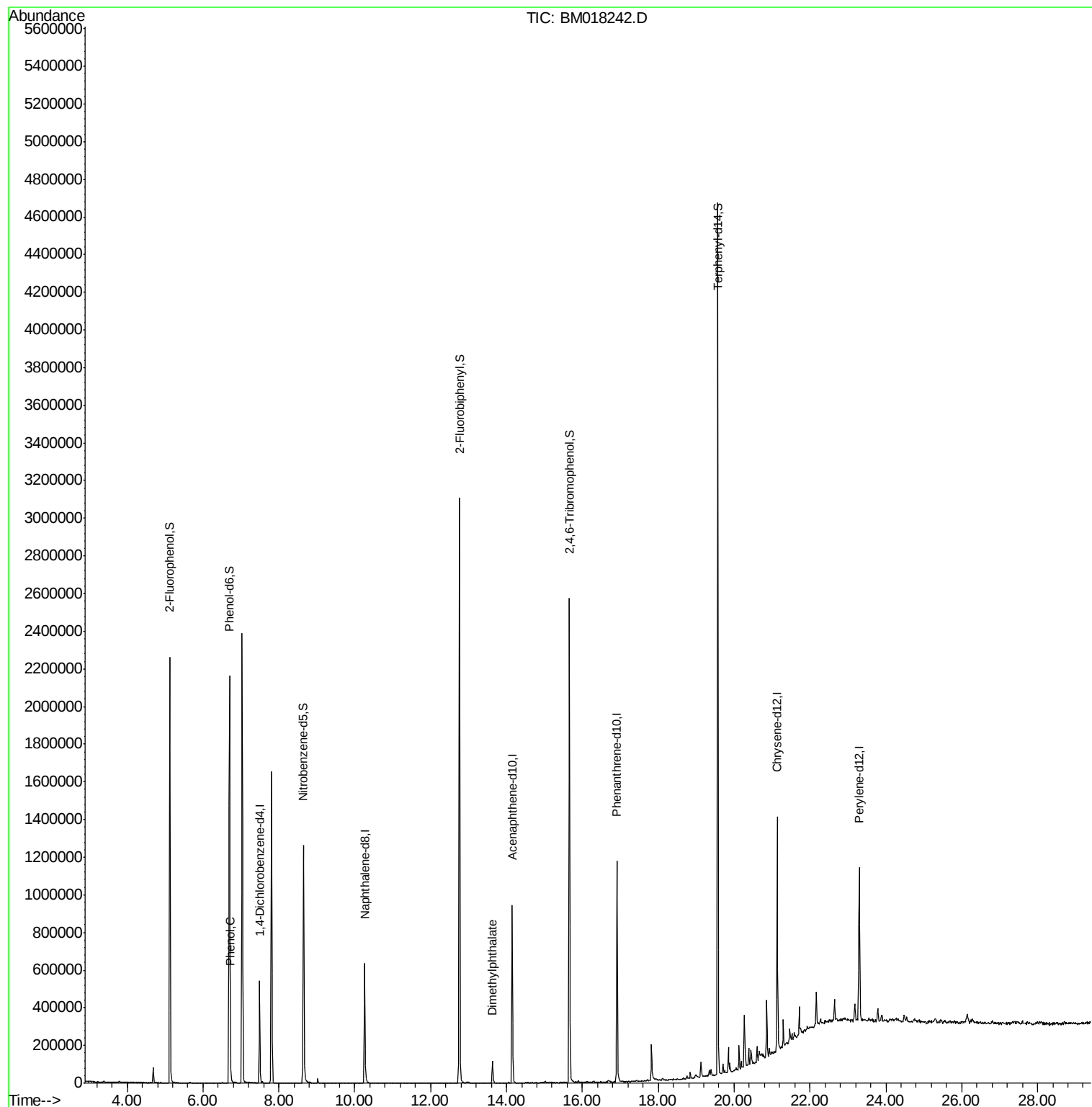
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	139601	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	555675	20.00	ng	0.00
39) Acenaphthene-d10	14.15	164	314886	20.00	ng	-0.01
64) Phenanthrene-d10	16.92	188	676789	20.00	ng	0.00
76) Chrysene-d12	21.14	240	603275	20.00	ng	0.00
87) Perylene-d12	23.30	264	537802	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	915042	109.50	ng	0.00
7) Phenol-d6	6.70	99	1249043	107.53	ng	0.00
23) Nitrobenzene-d5	8.65	82	770100	71.09	ng	-0.01
42) 2,4,6-Tribromophenol	15.66	330	463324	100.25	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1609322	66.20	ng	0.00
79) Terphenyl-d14	19.57	244	2085093	78.17	ng	0.00
Target Compounds						
10) Phenol	6.72	94	60186	4.893	ng	93
50) Dimethylphthalate	13.63	163	92693	3.541	ng	100

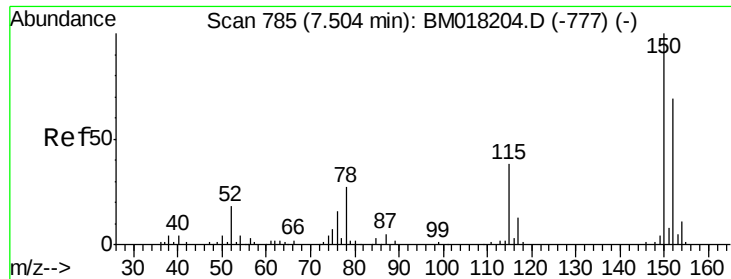
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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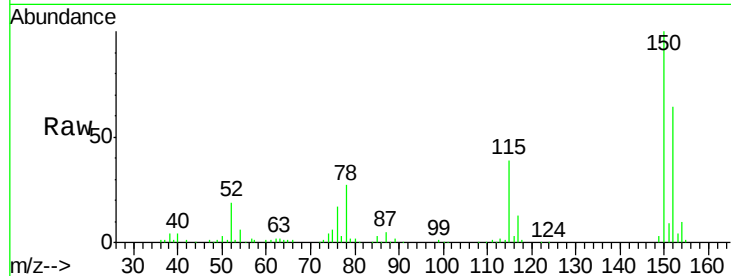




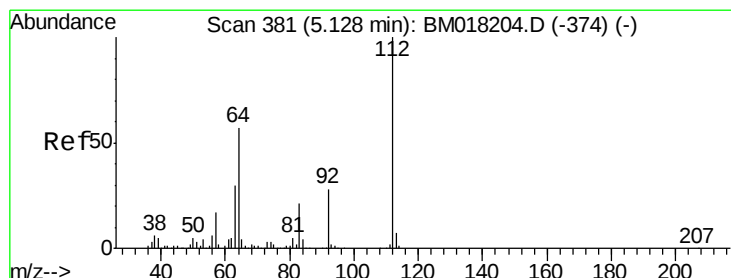
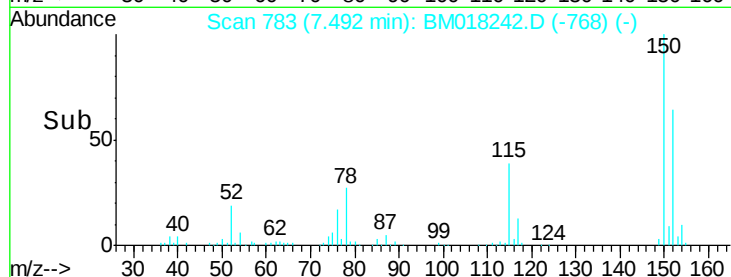
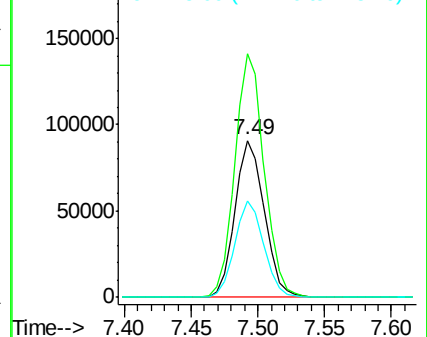
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.49 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BM018242.D
 Acq: 17 Dec 2018 10:56

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS003-1218-01

Tgt Ion:152 Resp: 139601
 Ion Ratio Lower Upper
 152 100
 150 155.5 116.1 174.1
 115 61.4 44.6 67.0

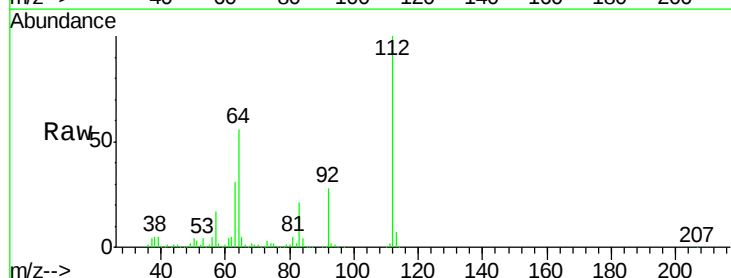


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

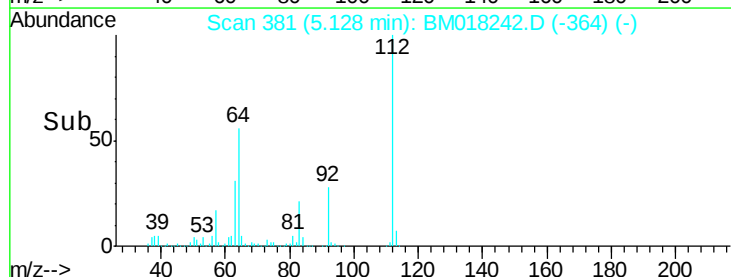
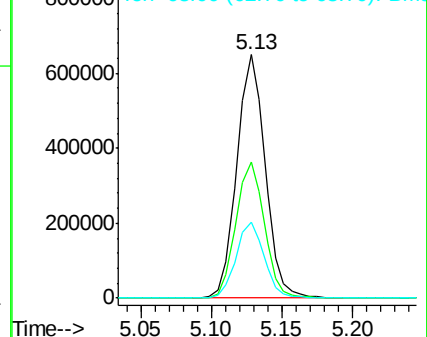


#5
 2-Fluorophenol
 Concen: 109.495 ng
 RT: 5.13 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: BM018242.D
 Acq: 17 Dec 2018 10:56

Tgt Ion:112 Resp: 915042
 Ion Ratio Lower Upper
 112 100
 64 56.1 45.4 68.2
 63 31.0 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: 107.533 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018242.D

Acq: 17 Dec 2018 10:56

Instrument :

BNA_M

ClientSampleId :

P001-SS003-1218-01

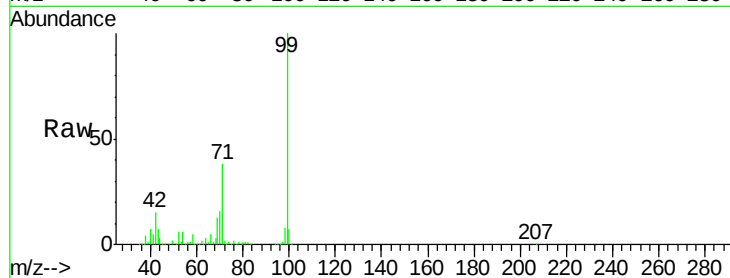
Tgt Ion: 99 Resp: 1249043

Ion Ratio Lower Upper

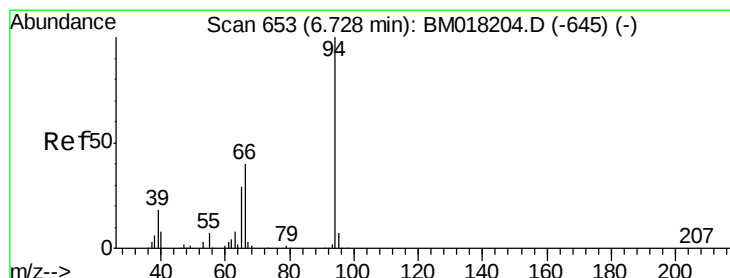
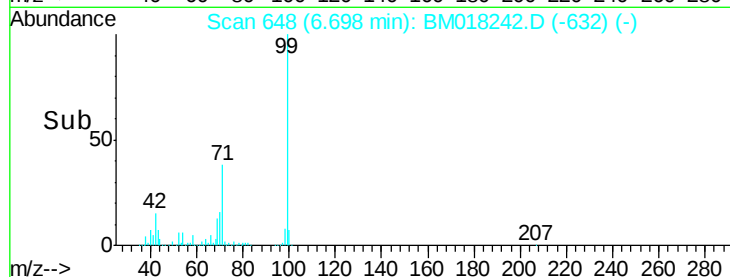
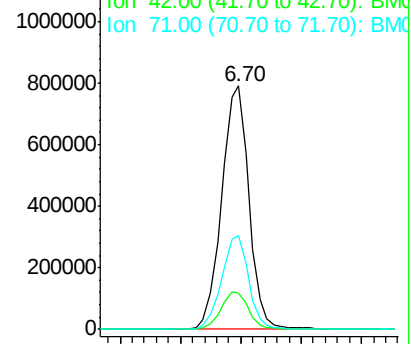
99 100

42 14.7 12.3 18.5

71 38.4 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018242.D (-632) (-)



#10

Phenol

Concen: 4.893 ng

RT: 6.72 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018242.D

Acq: 17 Dec 2018 10:56

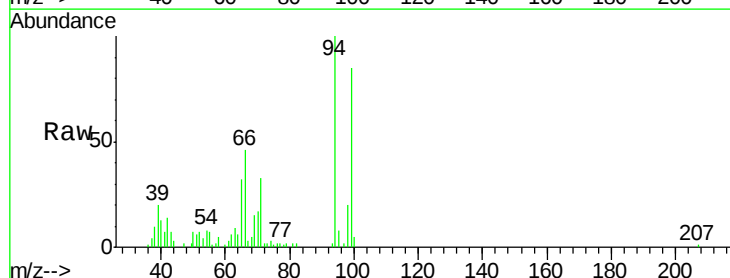
Tgt Ion: 94 Resp: 60186

Ion Ratio Lower Upper

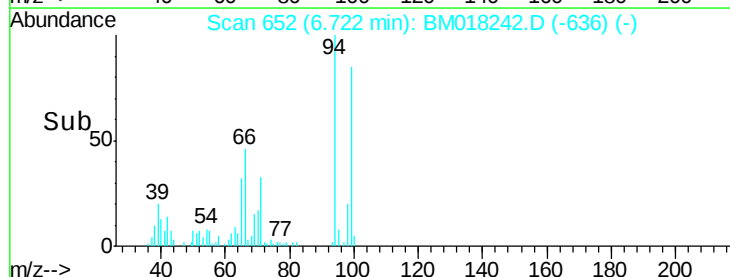
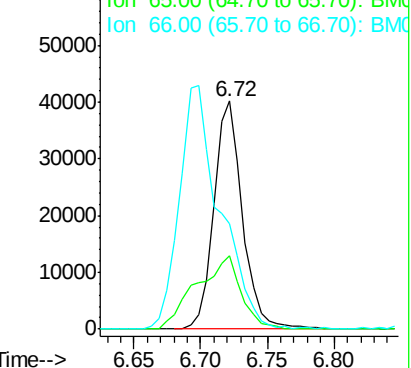
94 100

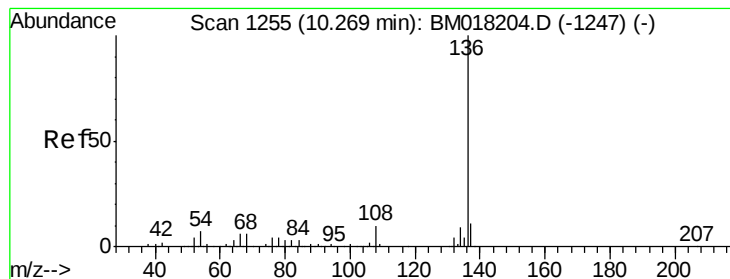
65 32.3 9.5 49.5

66 46.2 21.3 61.3



Abundance Ion 94.00 (93.70 to 94.70): BM018242.D (-636) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.26 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM018242.D

Acq: 17 Dec 2018 10:56

Instrument :

BNA_M

ClientSampleId :

P001-SS003-1218-01

Tgt Ion: 136 Resp: 555675

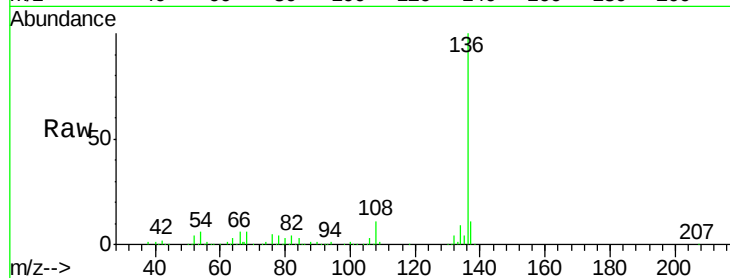
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 6.5 5.2 7.8

68 6.1 5.0 7.6

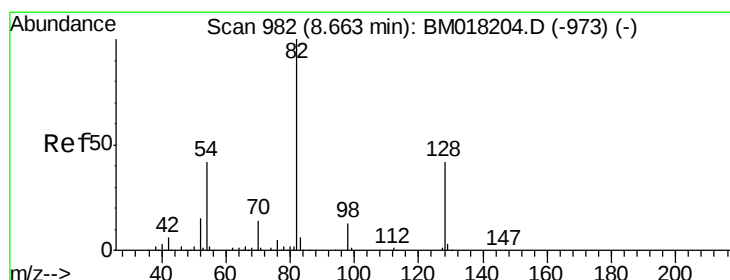
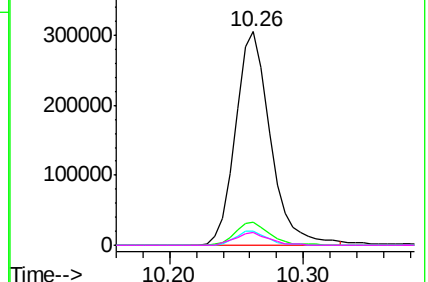
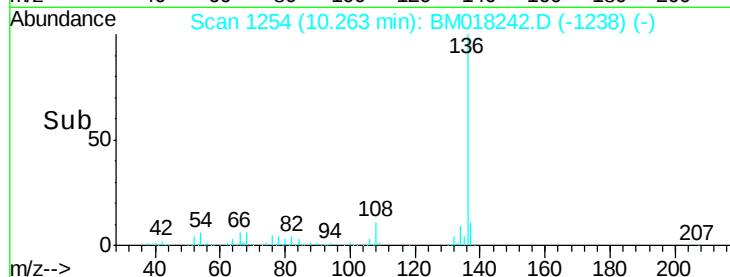


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 71.087 ng

RT: 8.65 min Scan# 980

Delta R.T. -0.01 min

Lab File: BM018242.D

Acq: 17 Dec 2018 10:56

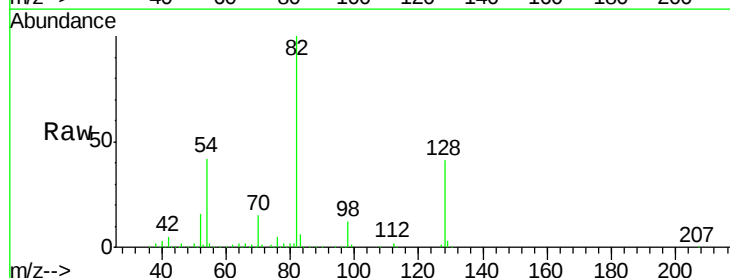
Tgt Ion: 82 Resp: 770100

Ion Ratio Lower Upper

82 100

128 40.7 33.4 50.2

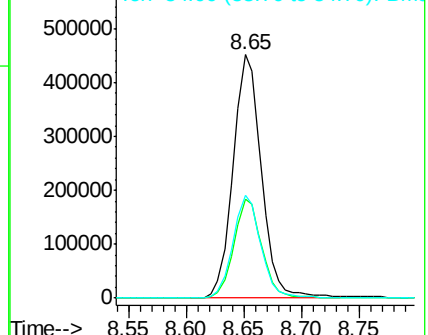
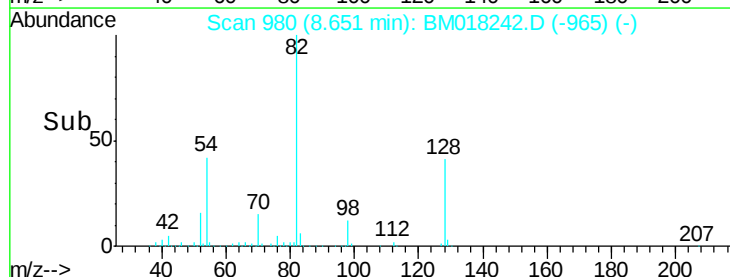
54 42.4 33.4 50.2

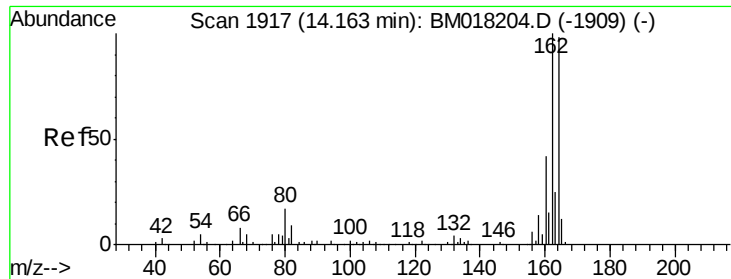


Abundance Ion 82.00 (81.70 to 82.70): BM

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: 14.15 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018242.D

Acq: 17 Dec 2018 10:56

Instrument :

BNA_M

ClientSampleId :

P001-SS003-1218-01

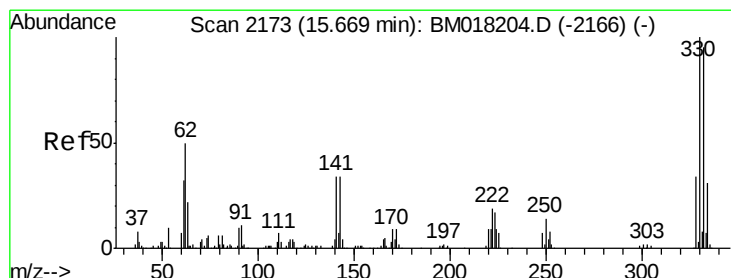
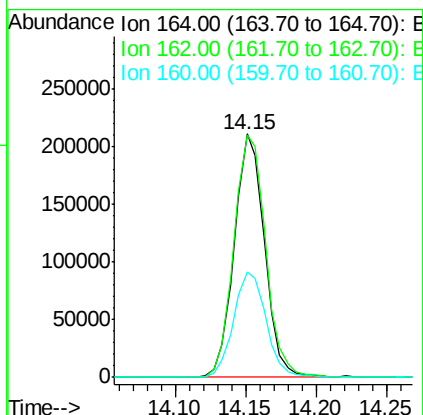
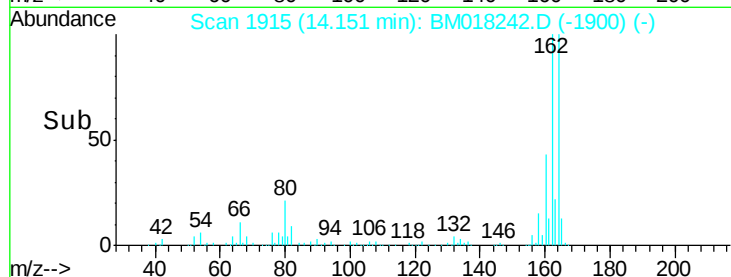
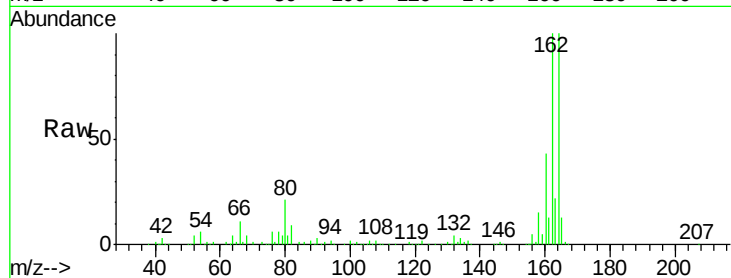
Tgt Ion:164 Resp: 314886

Ion Ratio Lower Upper

164 100

162 99.7 81.8 122.6

160 43.5 34.6 51.8



#42

2,4,6-Tribromophenol

Concen: 100.251 ng

RT: 15.66 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM018242.D

Acq: 17 Dec 2018 10:56

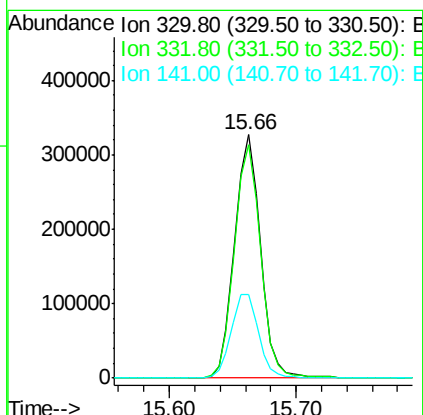
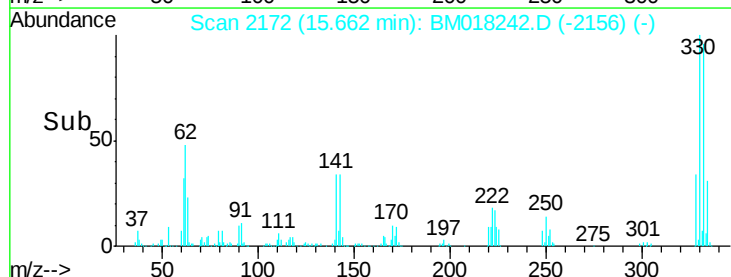
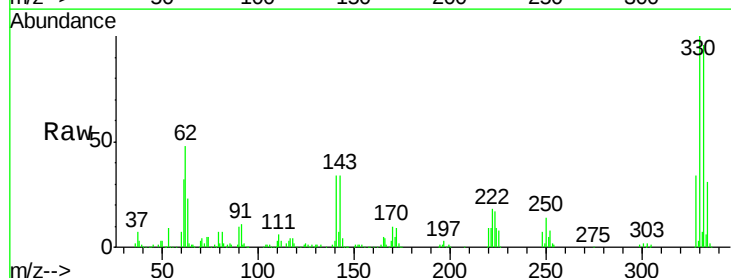
Tgt Ion:330 Resp: 463324

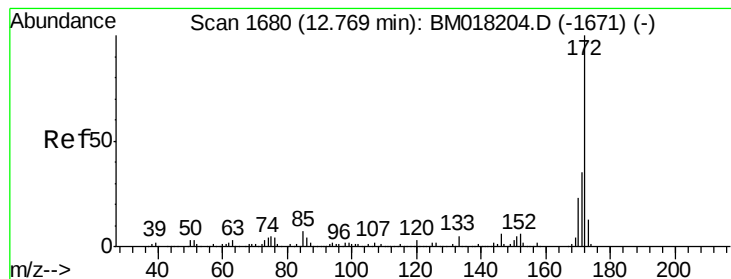
Ion Ratio Lower Upper

330 100

332 97.0 78.6 118.0

141 36.3 27.1 40.7





#45

2-Fluorobiphenyl

Concen: 66.197 ng

RT: 12.76 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BM018242.D

Acq: 17 Dec 2018 10:56

Instrument :

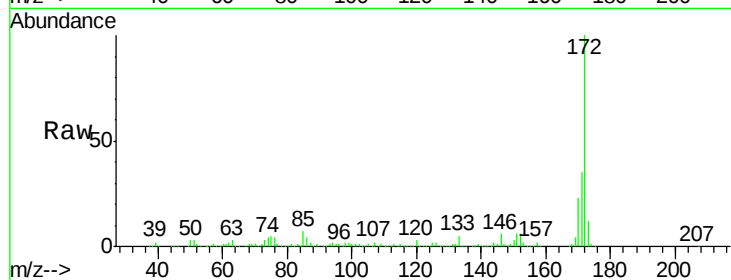
BNA_M

ClientSampleId :

P001-SS003-1218-01

Tgt Ion:172 Resp: 1609322

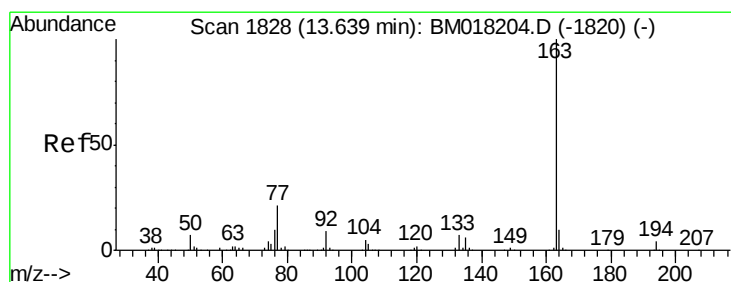
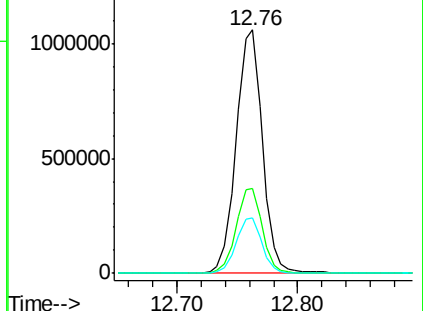
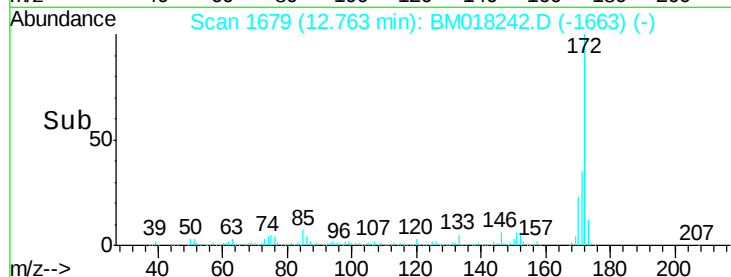
Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	22.7	18.1	27.1



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: 3.541 ng

RT: 13.63 min Scan# 1827

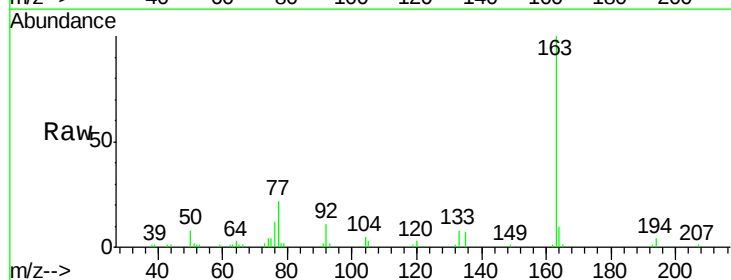
Delta R.T. -0.01 min

Lab File: BM018242.D

Acq: 17 Dec 2018 10:56

Tgt Ion:163 Resp: 92693

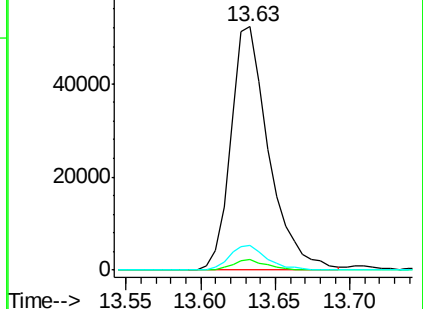
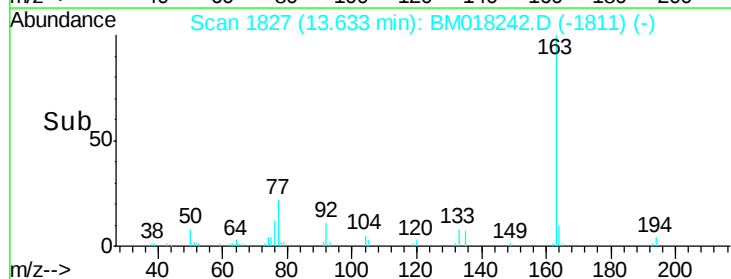
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	9.9	7.9	11.9



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: BM018242.D

Acq: 17 Dec 2018 10:56

Instrument :

BNA_M

ClientSampleId :

P001-SS003-1218-01

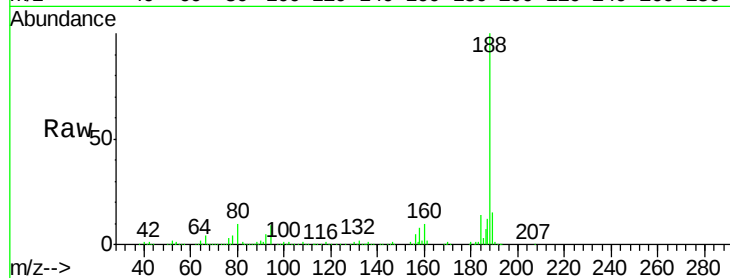
Tgt Ion:188 Resp: 676789

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

80 10.2 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

600000

500000

400000

300000

200000

100000

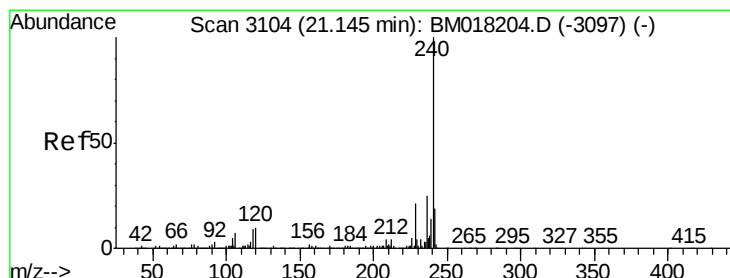
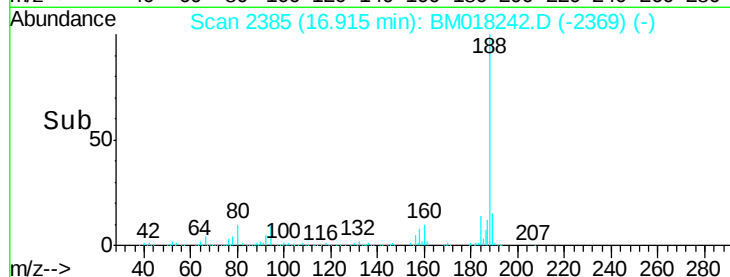
0

16.92

16.90

17.00

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018242.D

Acq: 17 Dec 2018 10:56

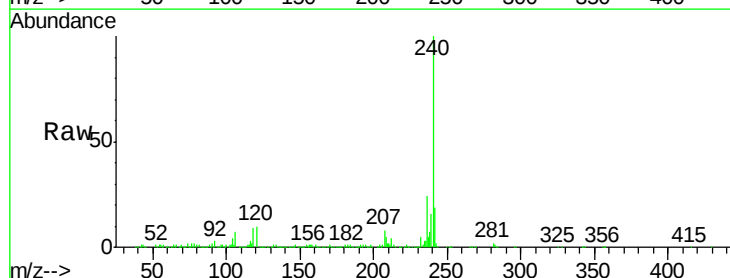
Tgt Ion:240 Resp: 603275

Ion Ratio Lower Upper

240 100

120 9.7 8.2 12.2

236 24.3 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

600000

500000

400000

300000

200000

100000

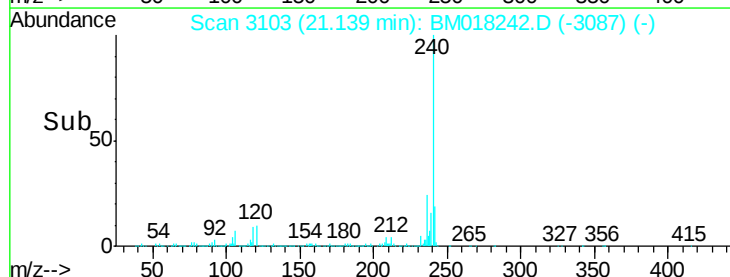
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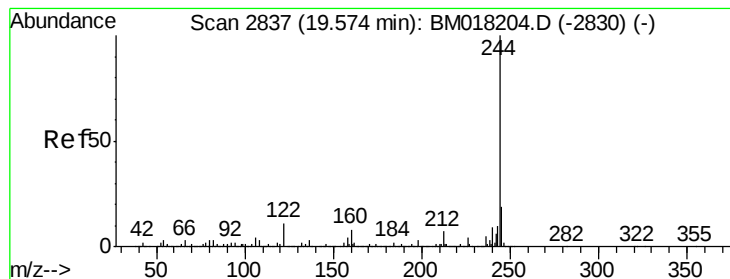
21.14

21.10

21.20

Time-->





#79

Terphenyl-d14

Concen: 78.169 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM018242.D

Acq: 17 Dec 2018 10:56

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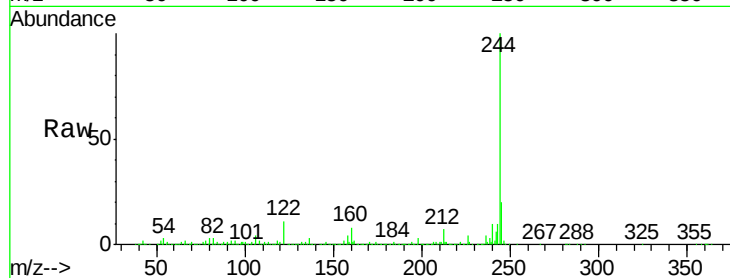
Tgt Ion:244 Resp: 2085093

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

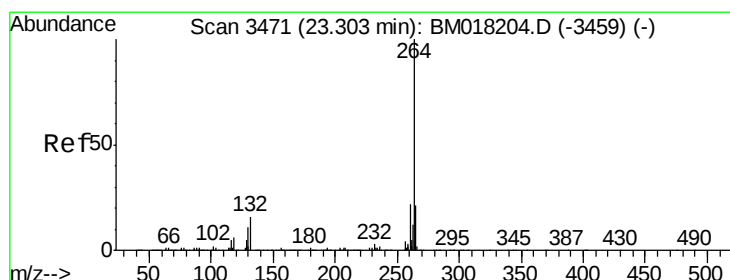
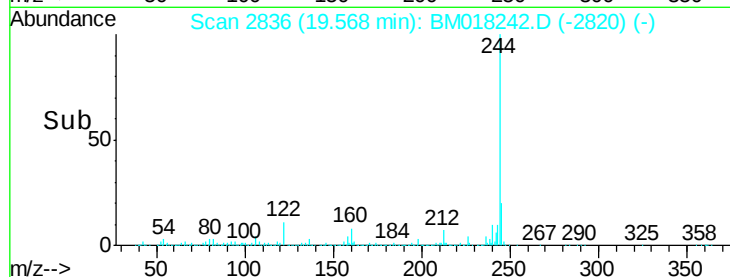
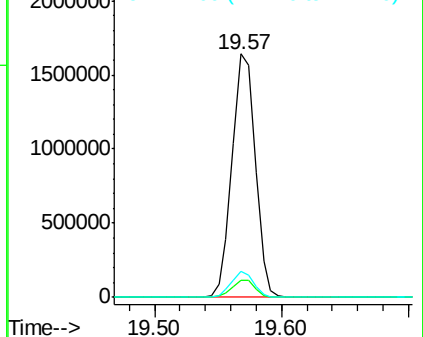
122 10.6 9.0 13.6



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

Perylene-d12

Concen: 20.000 ng

RT: 23.30 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BM018242.D

Acq: 17 Dec 2018 10:56

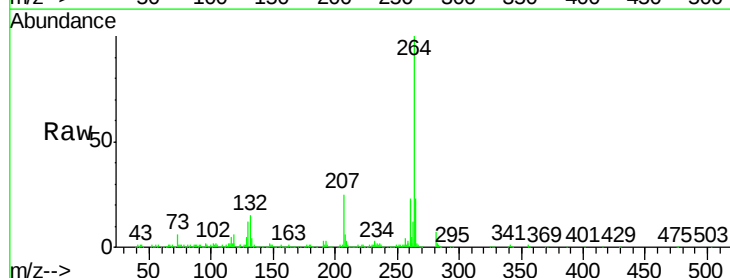
Tgt Ion:264 Resp: 537802

Ion Ratio Lower Upper

264 100

260 22.5 17.5 26.3

265 23.3 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

