

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122018\
 Data File : BM018342.D
 Acq On : 20 Dec 2018 22:23
 Operator : JU/SJ
 Sample : J6386-03RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS016-0006-02

Quant Time: Dec 21 01:27:11 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

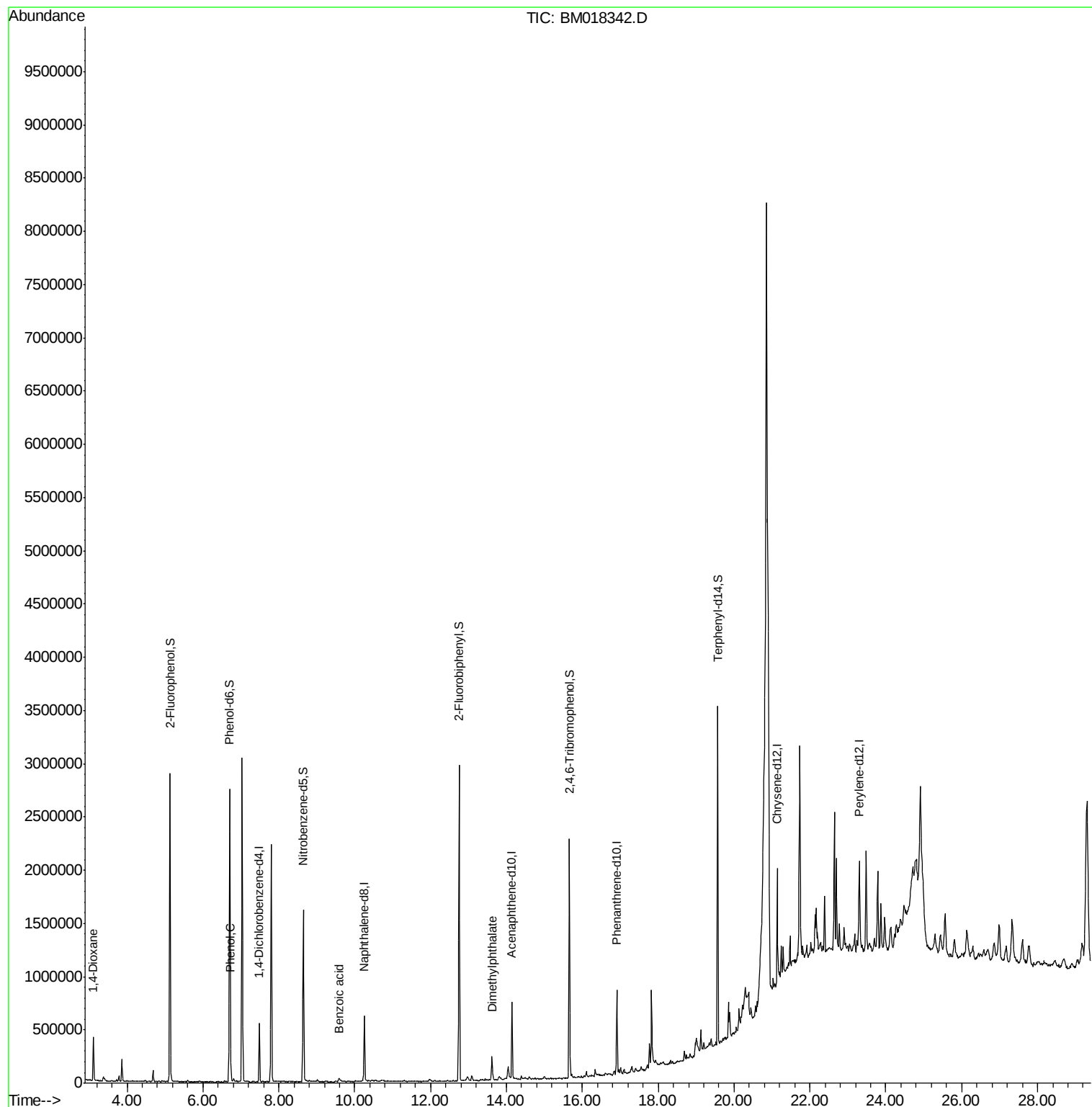
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	131918	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	467626	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	226229	20.00	ng	-0.02
64) Phenanthrene-d10	16.92	188	444000	20.00	ng	0.00
76) Chrysene-d12	21.14	240	493418	20.00	ng	0.00
87) Perylene-d12	23.30	264	559260	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1137493	144.04	ng	0.00
7) Phenol-d6	6.70	99	1454733	132.54	ng	0.00
23) Nitrobenzene-d5	8.65	82	944388	103.59	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	379097	114.17	ng	0.00
45) 2-Fluorobiphenyl	12.75	172	1408491	80.64	ng	-0.02
79) Terphenyl-d14	19.57	244	1339883	61.42	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.11	88	31188	9.970	ng	Qvalue # 1
10) Phenol	6.73	94	78063	6.715	ng	96
32) Benzoic acid	9.59	122	12393	2.033	ng	# 71
50) Dimethylphthalate	13.62	163	127798	6.795	ng	# 98

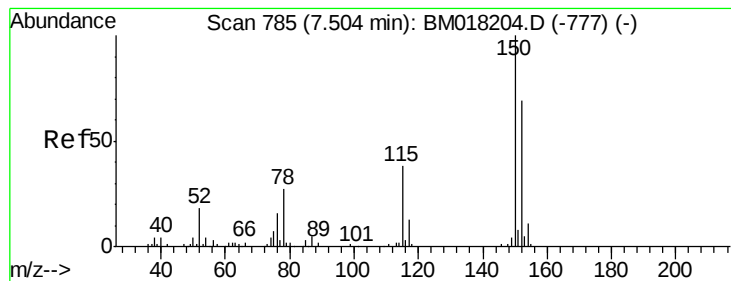
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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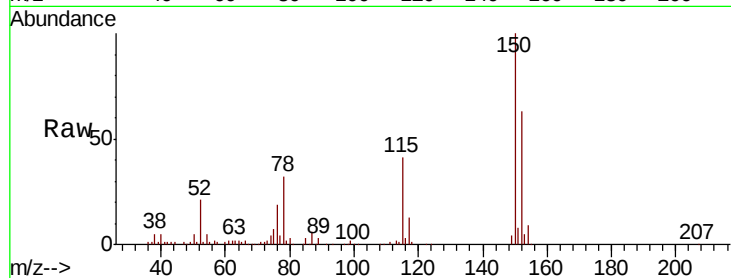


#1

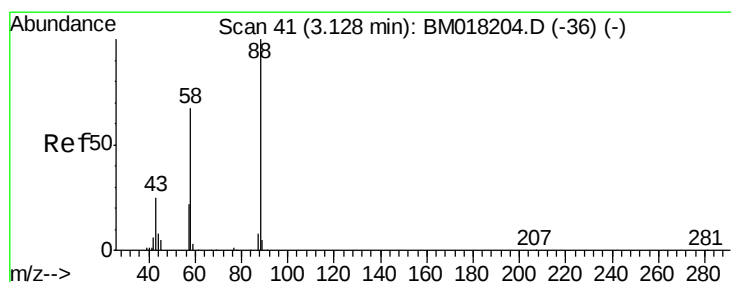
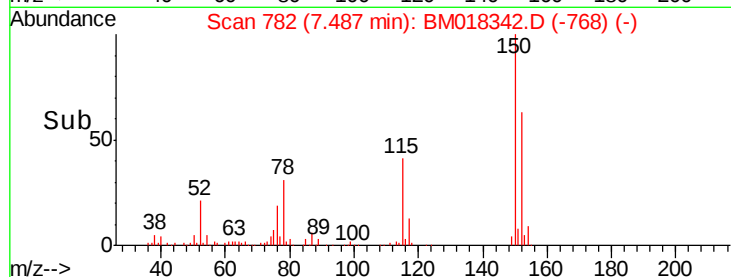
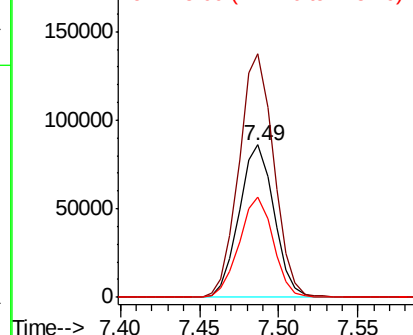
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018342.D
Acq: 20 Dec 2018 22:23

Instrument :
BNA_M
ClientSampleId :
P001-SS016-0006-02

Tgt Ion:152 Resp: 131918
Ion Ratio Lower Upper
152 100
150 159.6 116.1 174.1
115 66.0 44.6 67.0



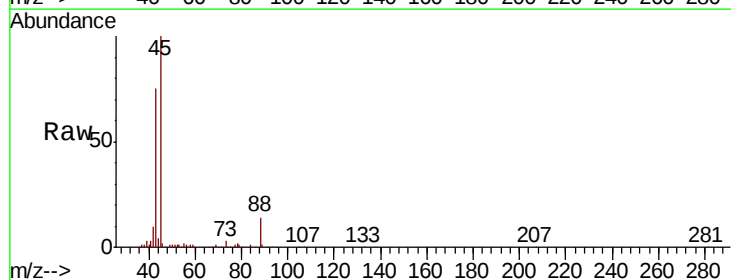
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



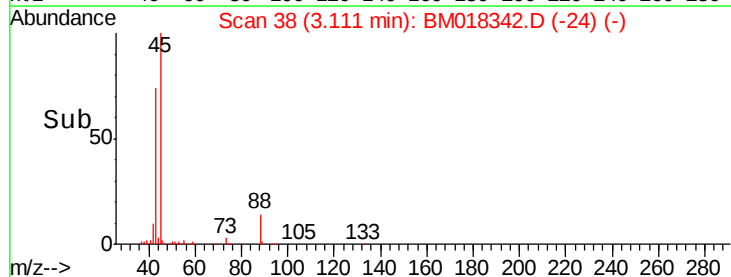
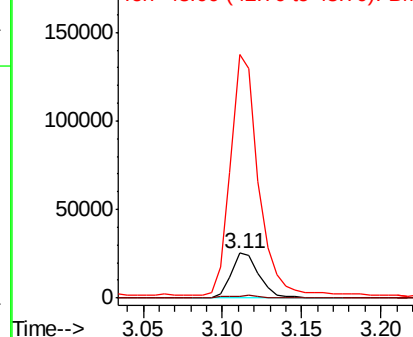
#2

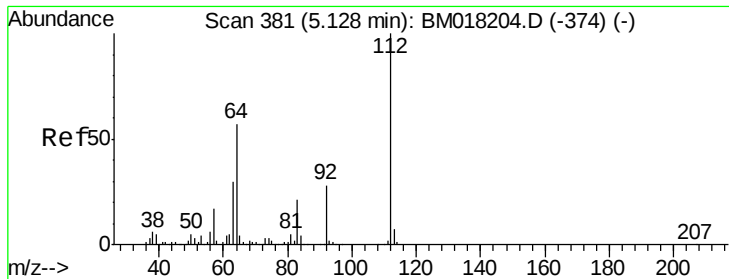
1,4-Dioxane
Concen: 9.970 ng
RT: 3.11 min Scan# 38
Delta R.T. -0.02 min
Lab File: BM018342.D
Acq: 20 Dec 2018 22:23

Tgt Ion: 88 Resp: 31188
Ion Ratio Lower Upper
88 100
58 9.6 49.8 74.6#
43 530.5 19.1 28.7#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#5

2-Fluorophenol

Concen: 144.041 ng

RT: 5.13 min Scan# 382

Delta R.T. 0.01 min

Lab File: BM018342.D

Acq: 20 Dec 2018 22:23

Instrument :

BNA_M

ClientSampleId :

P001-SS016-0006-02

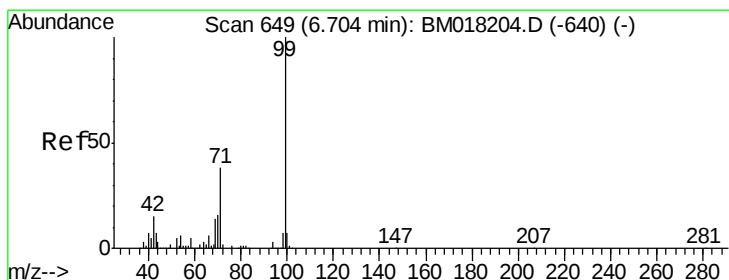
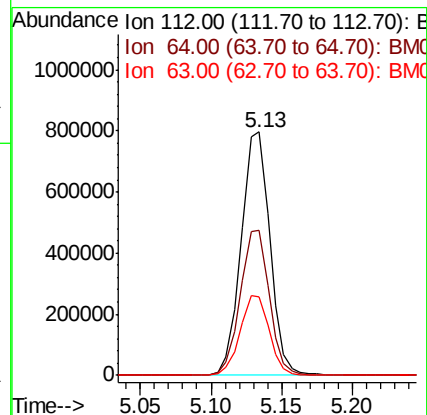
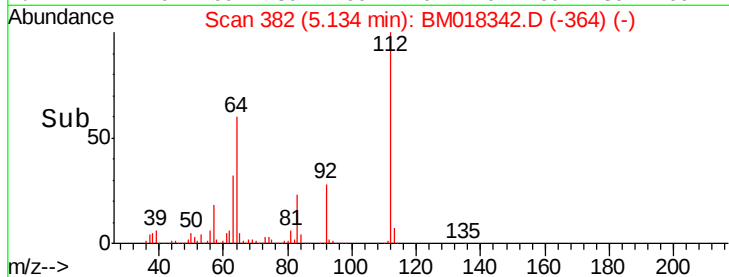
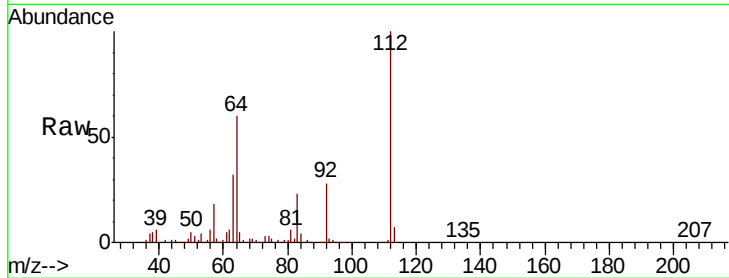
Tgt Ion:112 Resp: 1137493

Ion Ratio Lower Upper

112 100

64 59.7 45.4 68.2

63 32.4 24.0 36.0



#7

Phenol-d6

Concen: 132.535 ng

RT: 6.70 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM018342.D

Acq: 20 Dec 2018 22:23

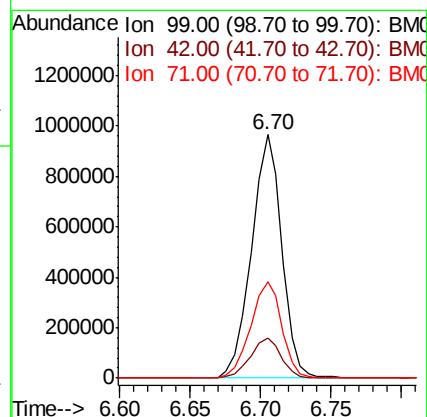
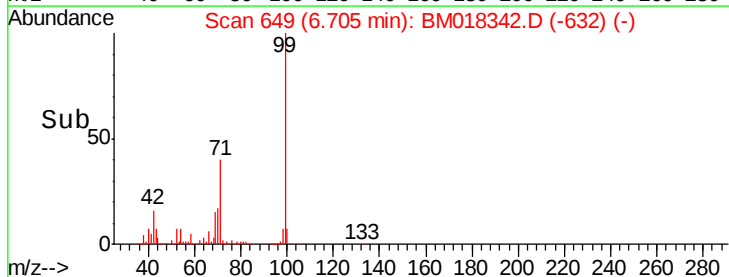
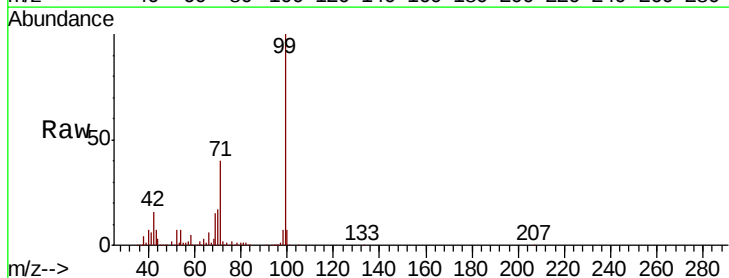
Tgt Ion: 99 Resp: 1454733

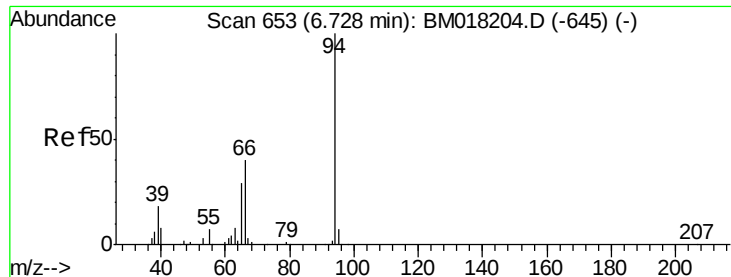
Ion Ratio Lower Upper

99 100

42 16.4 12.3 18.5

71 39.8 30.2 45.2





#10

Phenol

Concen: 6.715 ng

RT: 6.73 min Scan# 653

Delta R.T. 0.00 min

Lab File: BM018342.D

Acq: 20 Dec 2018 22:23

Instrument :

BNA_M

ClientSampleId :

P001-SS016-0006-02

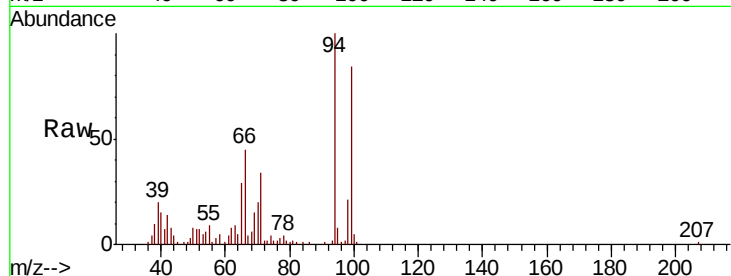
Tgt Ion: 94 Resp: 78063

Ion Ratio Lower Upper

94 100

65 28.9 9.5 49.5

66 44.9 21.3 61.3

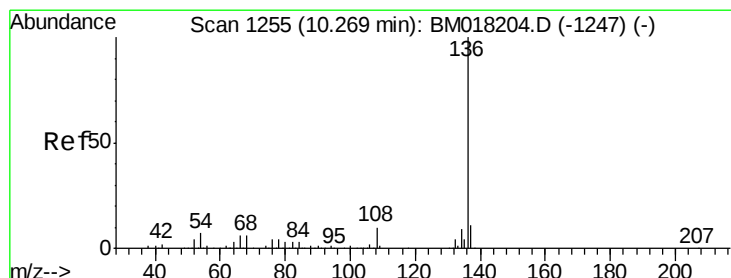
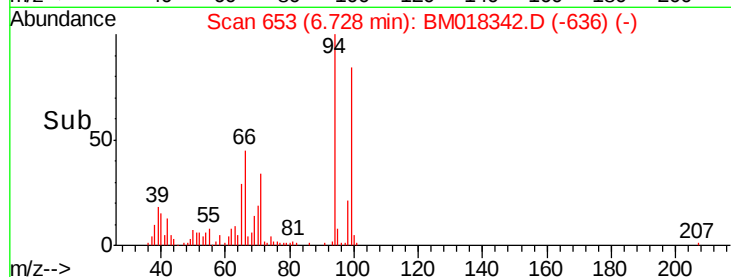
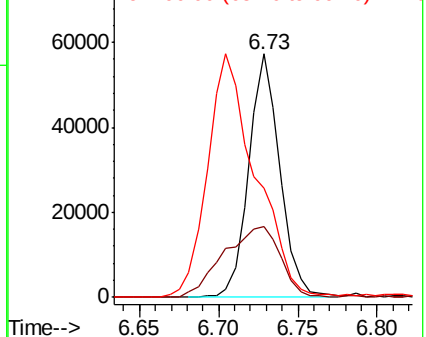


Abundance

Ion 94.00 (93.70 to 94.70): BM018342.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018342.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018342.D (-636) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.25 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BM018342.D

Acq: 20 Dec 2018 22:23

Tgt Ion: 136 Resp: 467626

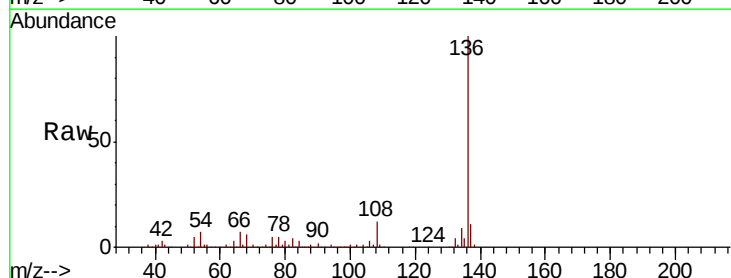
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 6.9 5.2 7.8

68 6.2 5.0 7.6



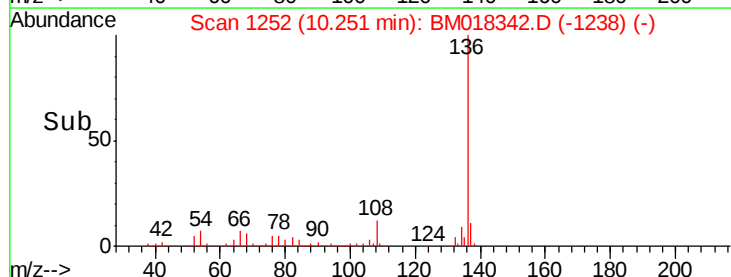
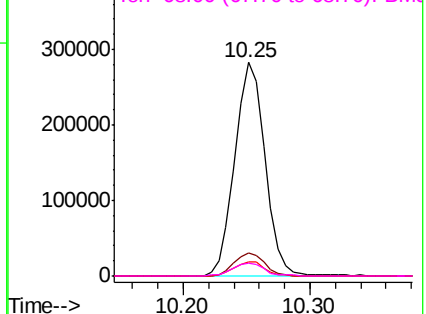
Abundance

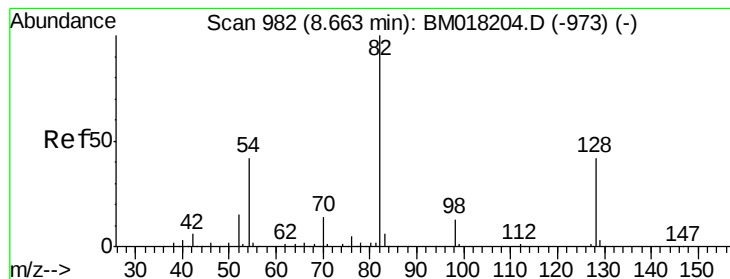
Ion 136.00 (135.70 to 136.70): BM018342.D (-1238) (-)

Ion 137.00 (136.70 to 137.70): BM018342.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM018342.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM018342.D (-1238) (-)





#23

Nitrobenzene-d5

Concen: 103.589 ng

RT: 8.65 min Scan# 979

Delta R.T. -0.02 min

Lab File: BM018342.D

Acq: 20 Dec 2018 22:23

Instrument :

BNA_M

ClientSampleId :

P001-SS016-0006-02

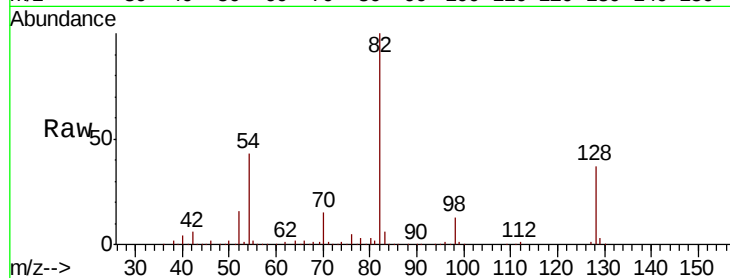
Tgt Ion: 82 Resp: 944388

Ion Ratio Lower Upper

82 100

128 37.3 33.4 50.2

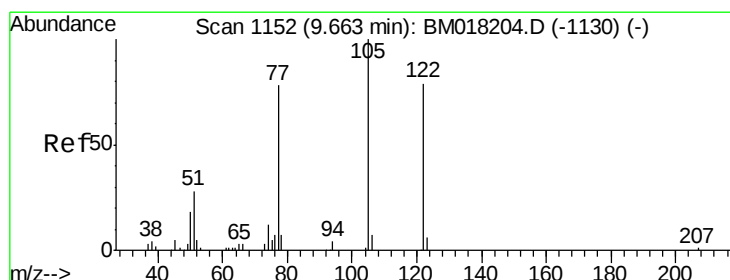
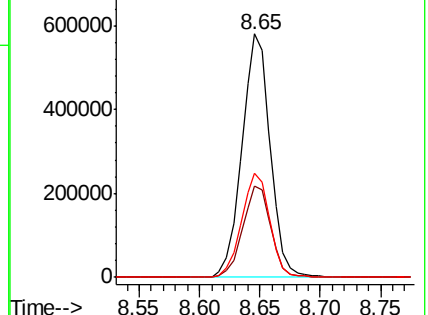
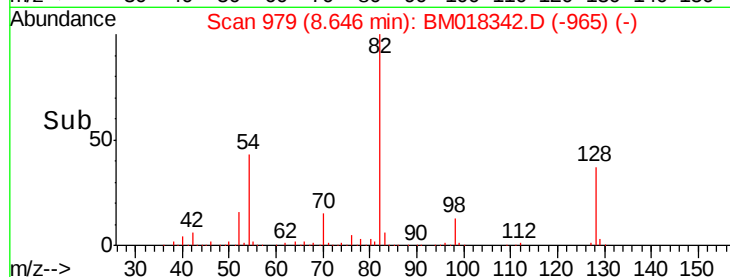
54 42.7 33.4 50.2



Abundance Ion 82.00 (81.70 to 82.70): BM018342.D (-965) (-)

Ion 128.00 (127.70 to 128.70): BM018342.D (-965) (-)

Ion 54.00 (53.70 to 54.70): BM018342.D (-965) (-)



#32

Benzoic acid

Concen: 2.033 ng

RT: 9.59 min Scan# 1139

Delta R.T. -0.08 min

Lab File: BM018342.D

Acq: 20 Dec 2018 22:23

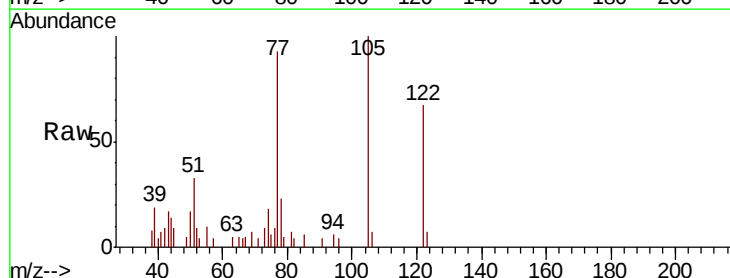
Tgt Ion: 122 Resp: 12393

Ion Ratio Lower Upper

122 100

105 148.3 104.8 144.8#

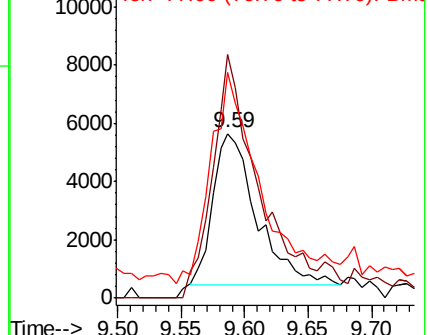
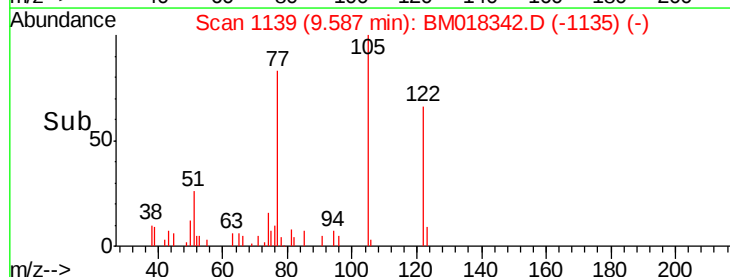
77 137.7 77.7 117.7#

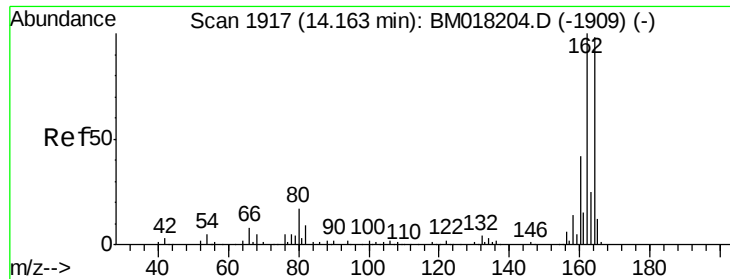


Abundance Ion 122.00 (121.70 to 122.70): BM018342.D (-1135) (-)

Ion 105.00 (104.70 to 105.70): BM018342.D (-1135) (-)

Ion 77.00 (76.70 to 77.70): BM018342.D (-1135) (-)

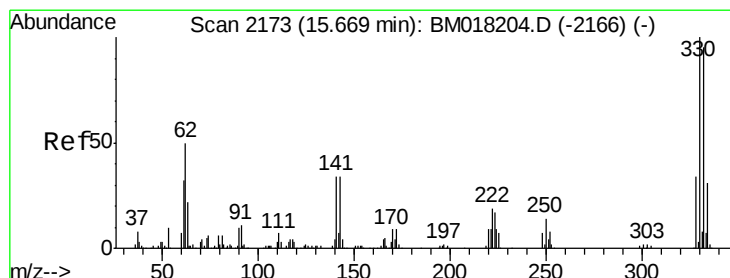
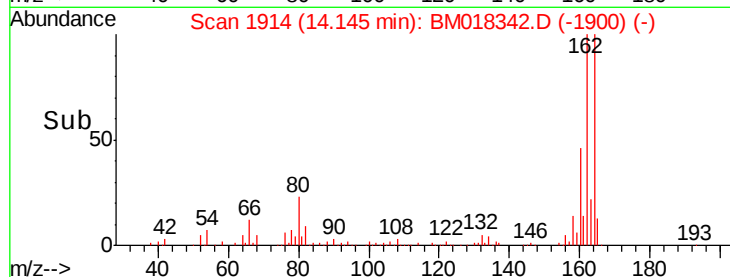
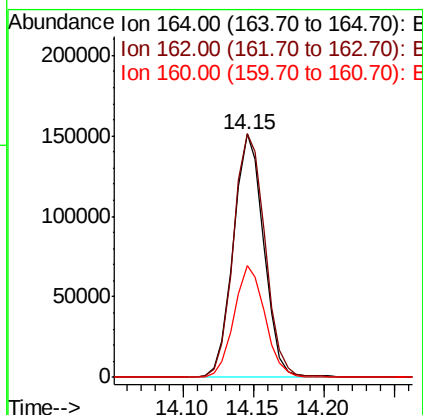
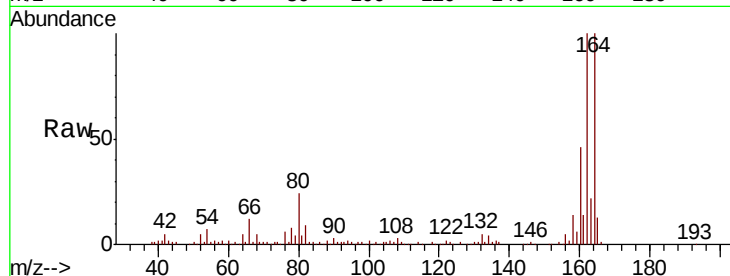




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.15 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018342.D
Acq: 20 Dec 2018 22:23

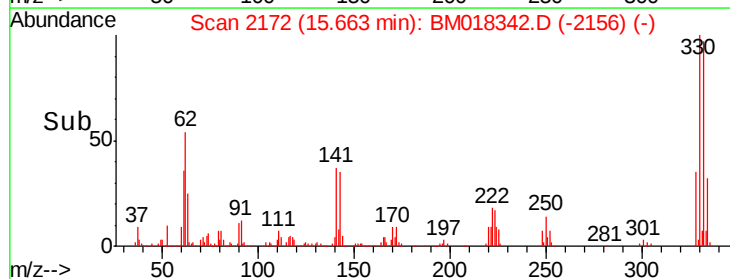
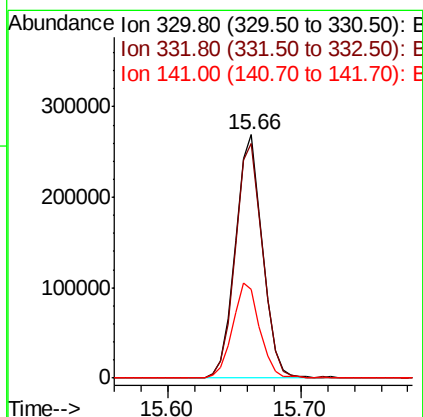
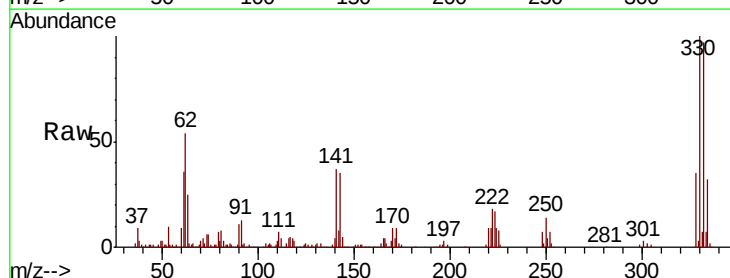
Instrument :
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P001-SS016-0006-02

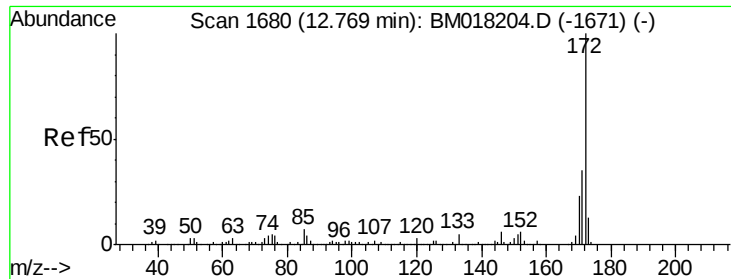
Tgt Ion:164 Resp: 226229
Ion Ratio Lower Upper
164 100
162 100.0 81.8 122.6
160 45.7 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 114.172 ng
RT: 15.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM018342.D
Acq: 20 Dec 2018 22:23

Tgt Ion:330 Resp: 379097
Ion Ratio Lower Upper
330 100
332 97.6 78.6 118.0
141 39.6 27.1 40.7

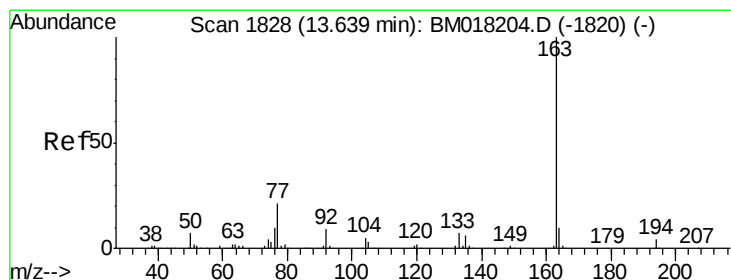
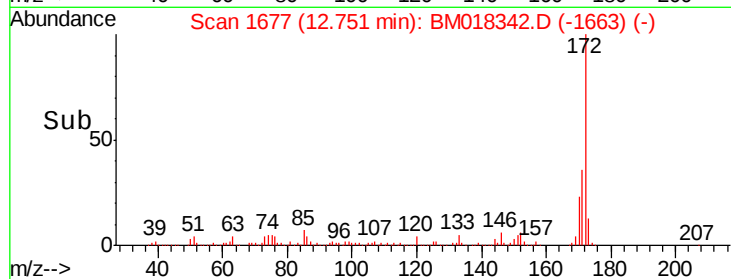
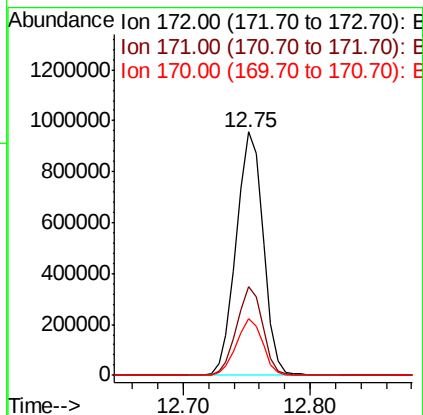
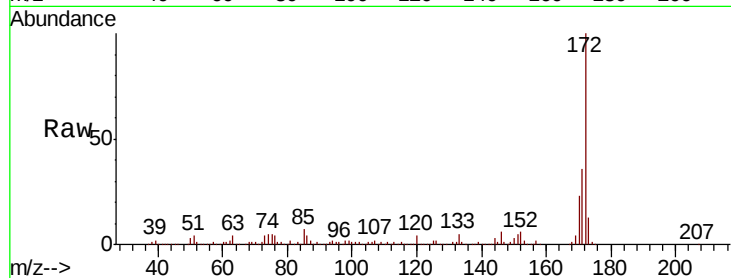




#45
 2-Fluorobiphenyl
 Concen: 80.641 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018342.D
 Acq: 20 Dec 2018 22:23

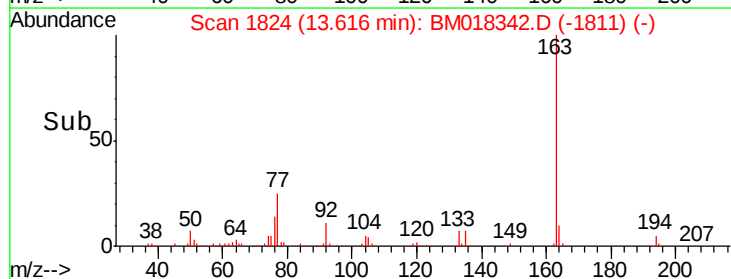
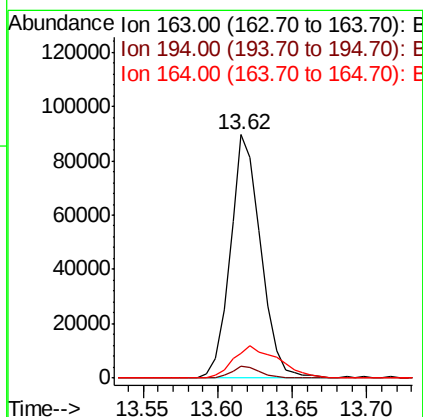
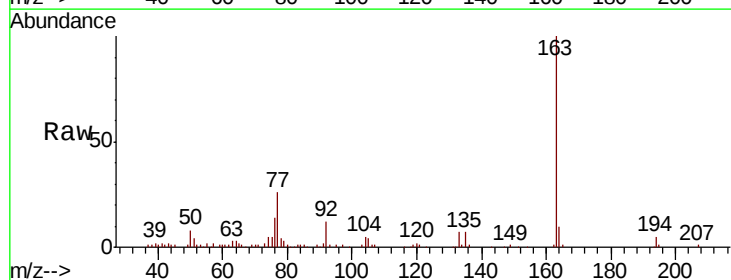
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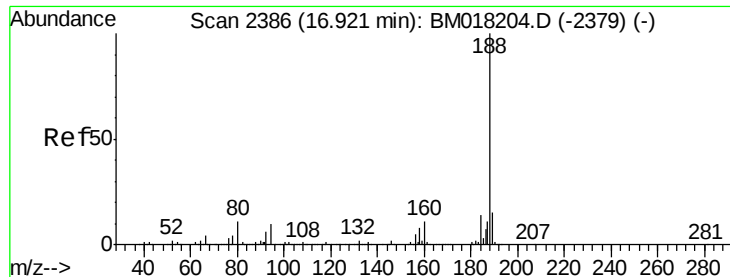
Tgt Ion:172 Resp: 1408491
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.3 42.5
 170 23.1 18.1 27.1



#50
 Dimethylphthalate
 Concen: 6.795 ng
 RT: 13.62 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BM018342.D
 Acq: 20 Dec 2018 22:23

Tgt Ion:163 Resp: 127798
 Ion Ratio Lower Upper
 163 100
 194 4.9 3.1 4.7#
 164 10.4 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: BM018342.D

Acq: 20 Dec 2018 22:23

Instrument :

BNA_M

ClientSampleId :

P001-SS016-0006-02

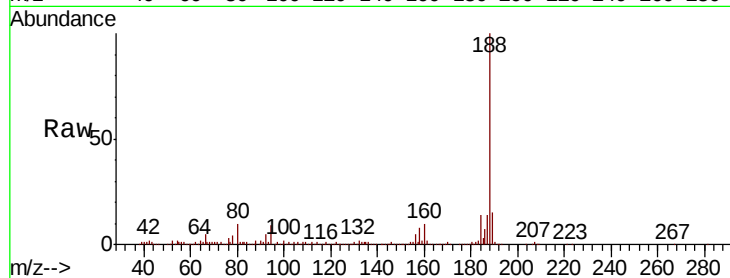
Tgt Ion:188 Resp: 444000

Ion Ratio Lower Upper

188 100

94 9.0 8.0 12.0

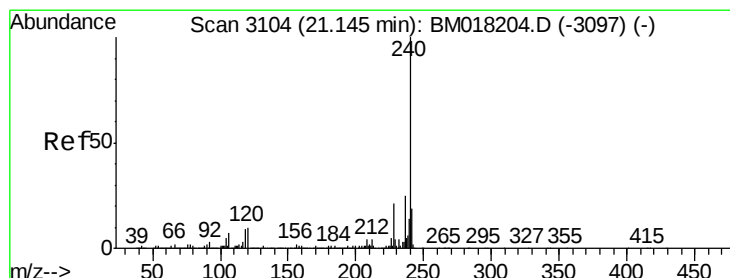
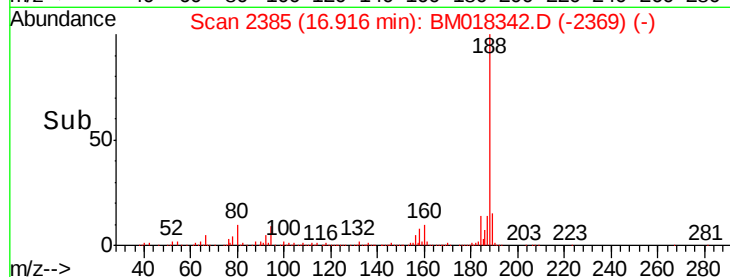
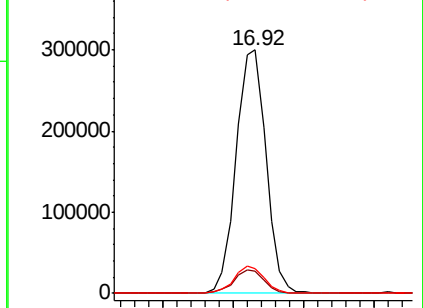
80 10.4 9.0 13.6



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: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018342.D

Acq: 20 Dec 2018 22:23

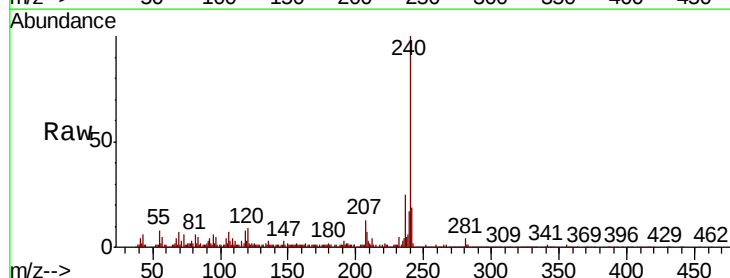
Tgt Ion:240 Resp: 493418

Ion Ratio Lower Upper

240 100

120 9.3 8.2 12.2

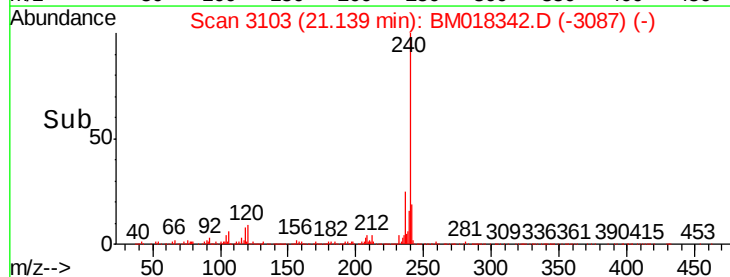
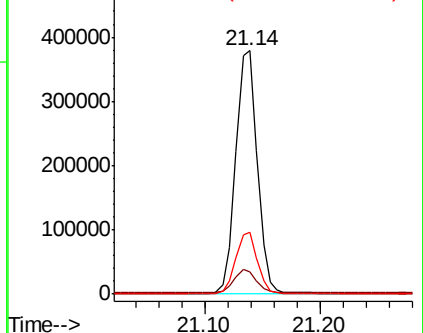
236 25.4 20.3 30.5

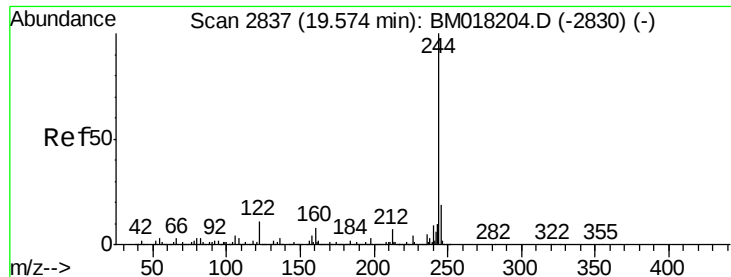


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 61.415 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM018342.D

Acq: 20 Dec 2018 22:23

Instrument :

BNA_M

ClientSampleId :

P001-SS016-0006-02

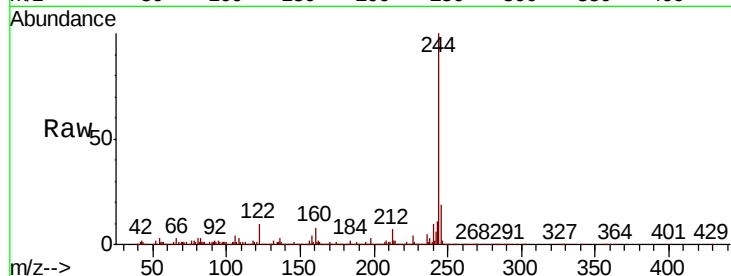
Tgt Ion:244 Resp: 1339883

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

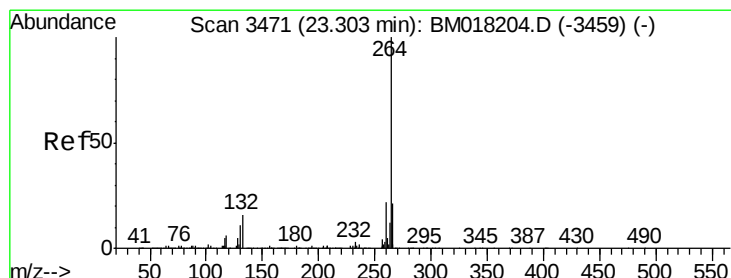
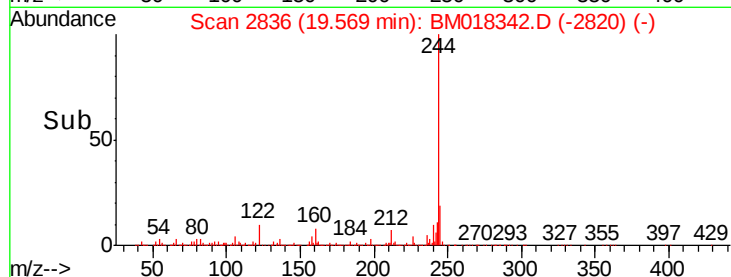
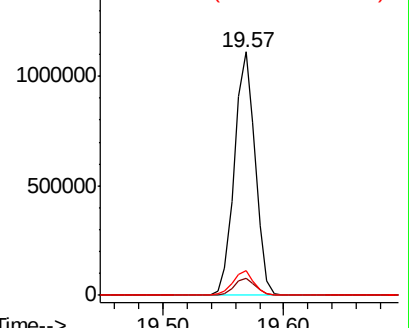
122 10.0 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

1500000 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: BM018342.D

Acq: 20 Dec 2018 22:23

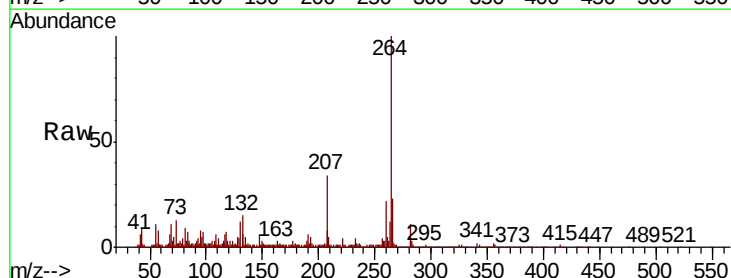
Tgt Ion:264 Resp: 559260

Ion Ratio Lower Upper

264 100

260 22.2 17.5 26.3

265 22.8 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

400000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

