

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122018\
 Data File : BM018348.D
 Acq On : 21 Dec 2018 02:01
 Operator : JU/SJ
 Sample : J6482-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 R20-OS

Quant Time: Dec 21 03:41:59 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

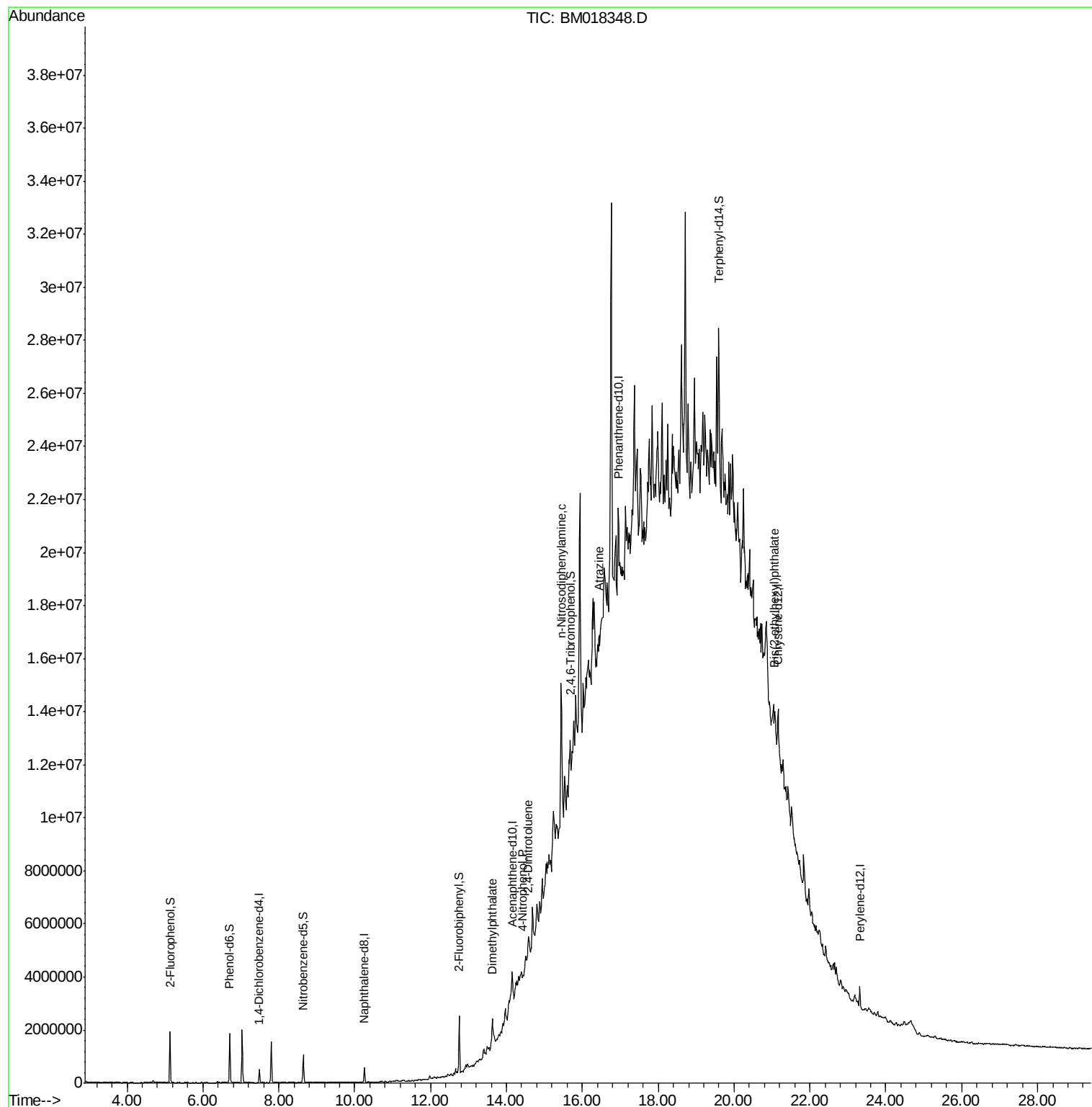
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	118061	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	433005	20.00	ng	-0.02
39) Acenaphthene-d10	14.16	164	237295	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	592490	20.00	ng	0.02
76) Chrysene-d12	21.16	240	621648	20.00	ng	0.02
87) Perylene-d12	23.32	264	526003	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	746879	105.68	ng	0.00
7) Phenol-d6	6.70	99	950807	96.79	ng	0.00
23) Nitrobenzene-d5	8.65	82	620701	73.53	ng	-0.02
42) 2,4,6-Tribromophenol	15.68	330	344823	99.01	ng	0.01
45) 2-Fluorobiphenyl	12.76	172	1129530	61.65	ng	-0.01
79) Terphenyl-d14	19.60	244	2151926	78.29	ng	0.02
Target Compounds						
50) Dimethylphthalate	13.62	163	72930	3.697	ng	# 82
56) 4-Nitrophenol	14.44	139	7991	2.309	ng	# 1
57) 2,4-Dinitrotoluene	14.59	165	14462	2.413	ng	# 30
66) n-Nitrosodiphenylamine	15.45	169	80937	4.131	ng	# 76
69) Atrazine	16.45	200	18512	2.799	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.07	149	77796	2.962	ng	# 72

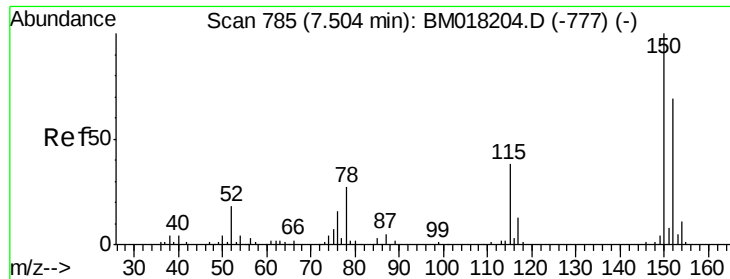
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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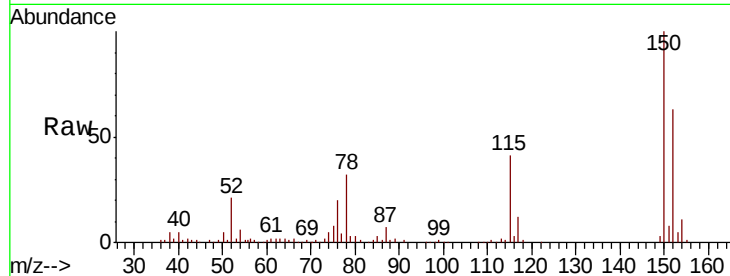




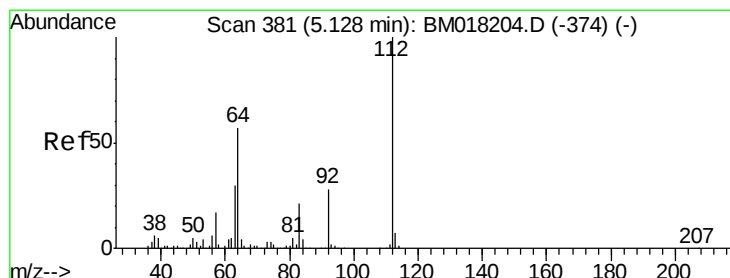
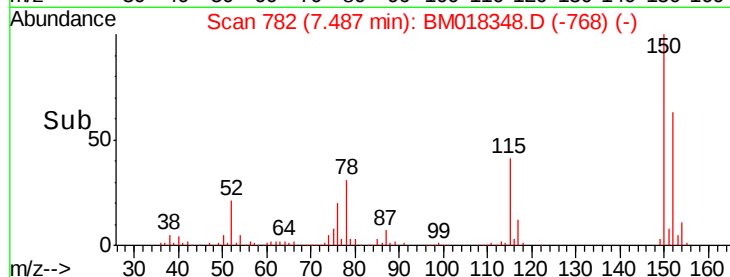
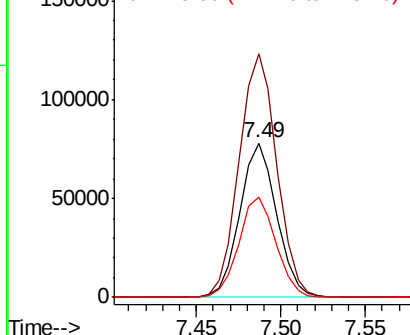
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.49 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BM018348.D
 Acq: 21 Dec 2018 02:01

Instrument :
 BNA_M
 ClientSampleId :
 R20-OS

Tgt Ion:152 Resp: 118061
 Ion Ratio Lower Upper
 152 100
 150 157.7 116.1 174.1
 115 64.9 44.6 67.0

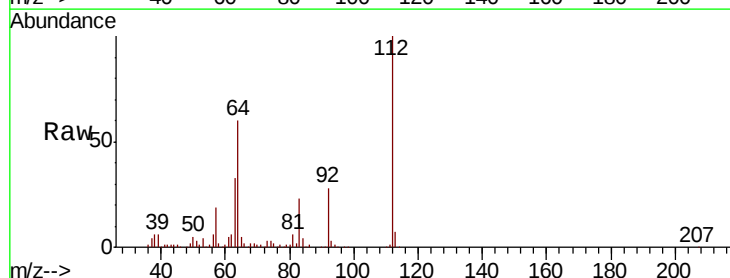


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

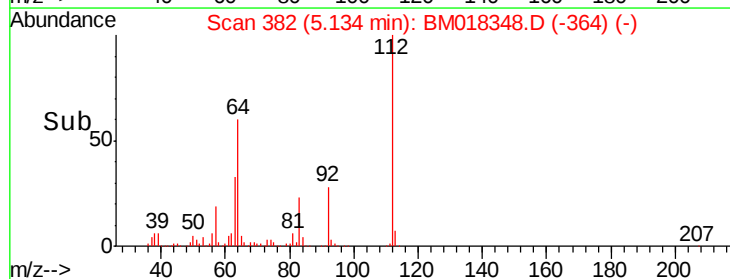
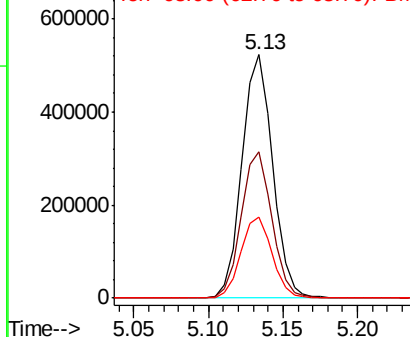


#5
 2-Fluorophenol
 Concen: 105.678 ng
 RT: 5.13 min Scan# 382
 Delta R.T. 0.01 min
 Lab File: BM018348.D
 Acq: 21 Dec 2018 02:01

Tgt Ion:112 Resp: 746879
 Ion Ratio Lower Upper
 112 100
 64 60.1 45.4 68.2
 63 33.1 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: 96.792 ng

RT: 6.70 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM018348.D

Acq: 21 Dec 2018 02:01

Instrument :

BNA_M

ClientSampleId :

R20-OS

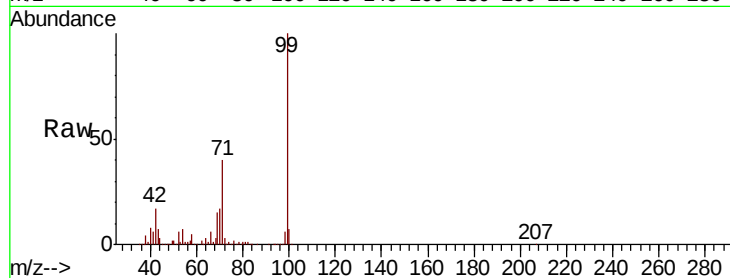
Tgt Ion: 99 Resp: 950807

Ion Ratio Lower Upper

99 100

42 16.8 12.3 18.5

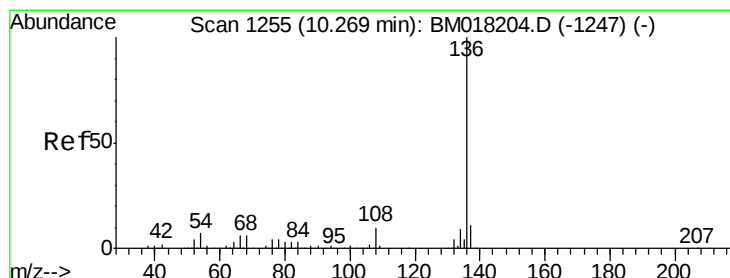
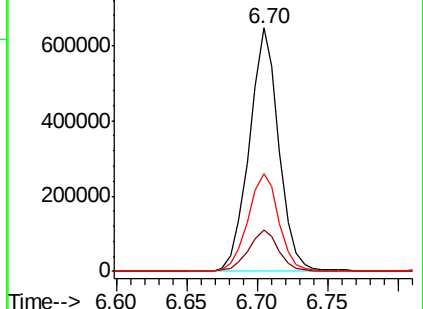
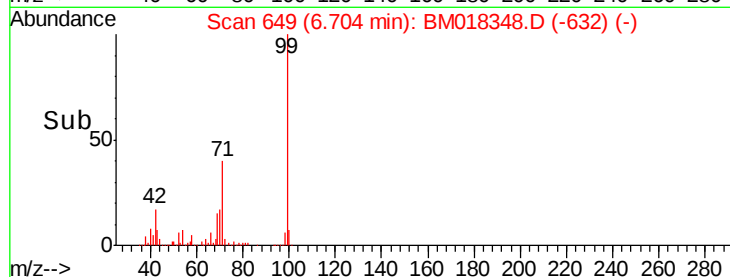
71 39.9 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018348.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018348.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018348.D (-632) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.25 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BM018348.D

Acq: 21 Dec 2018 02:01

Tgt Ion: 136 Resp: 433005

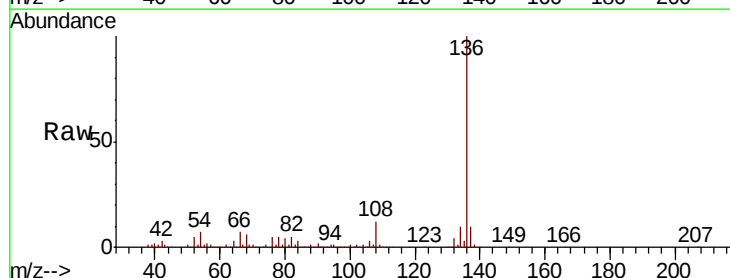
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 6.6 5.2 7.8

68 6.2 5.0 7.6

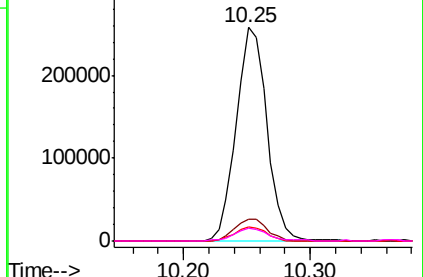
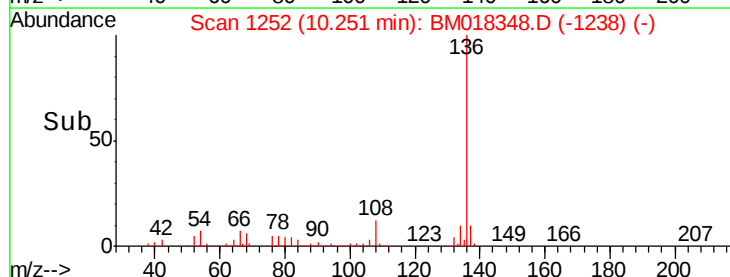


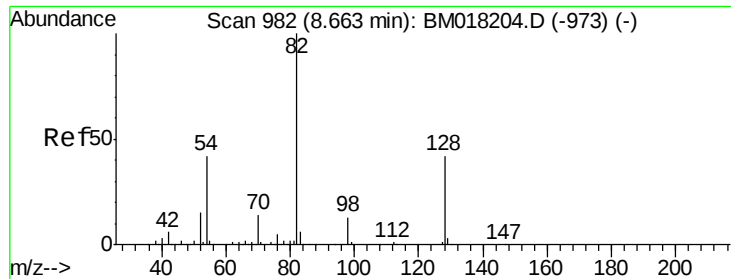
Abundance Ion 136.00 (135.70 to 136.70): BM018348.D (-1238) (-)

Ion 137.00 (136.70 to 137.70): BM018348.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM018348.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM018348.D (-1238) (-)

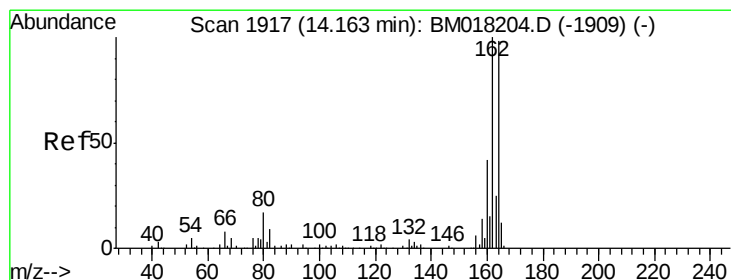
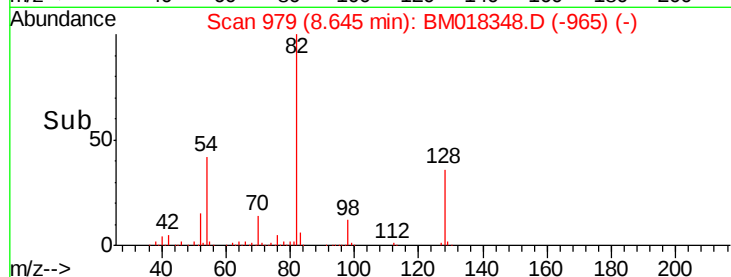
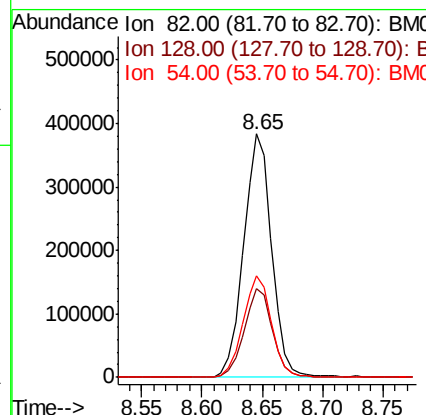
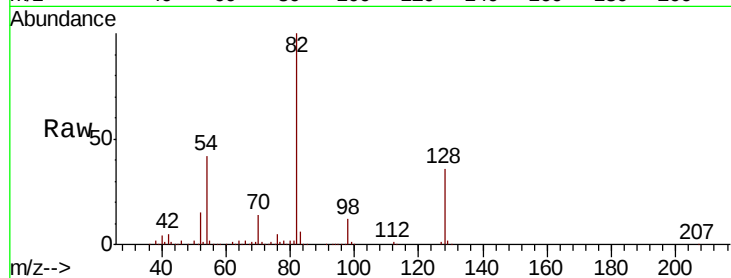




#23
 Nitrobenzene-d5
 Concen: 73.528 ng
 RT: 8.65 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BM018348.D
 Acq: 21 Dec 2018 02:01

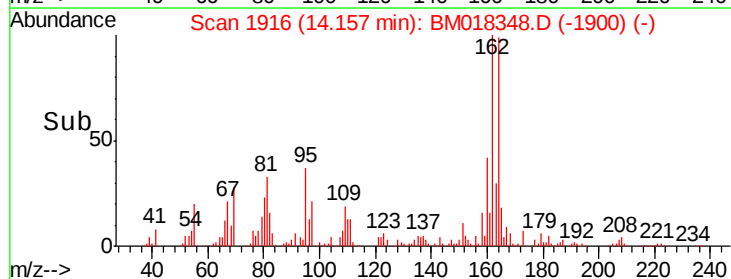
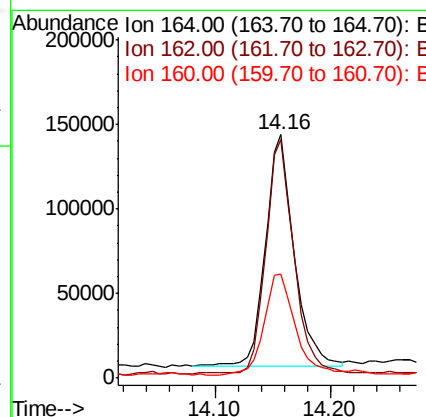
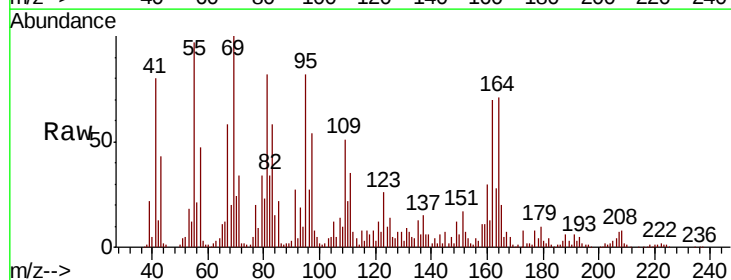
Instrument :
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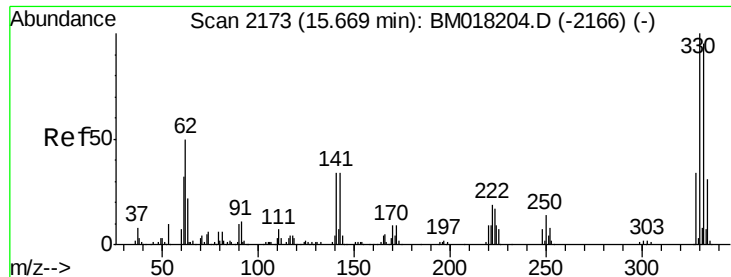
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.2	33.4	50.2
54	41.8	33.4	50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.16 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: BM018348.D
 Acq: 21 Dec 2018 02:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.0	81.8	122.6
160	42.7	34.6	51.8

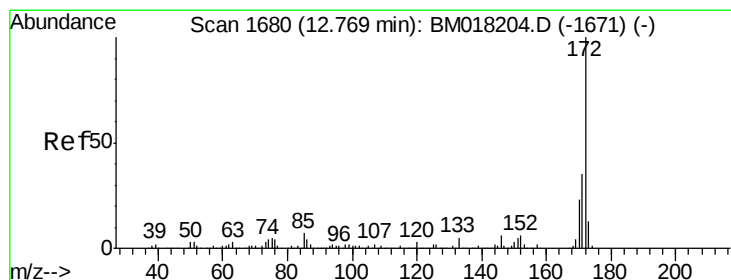
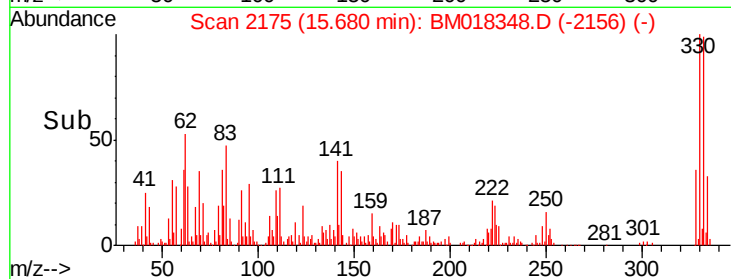
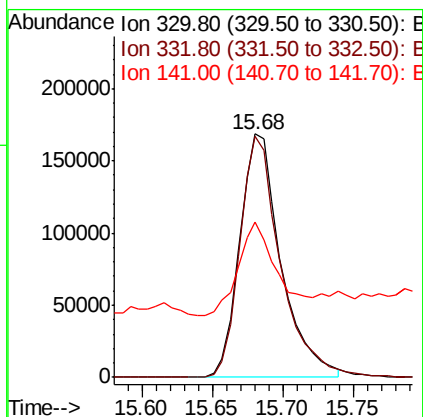
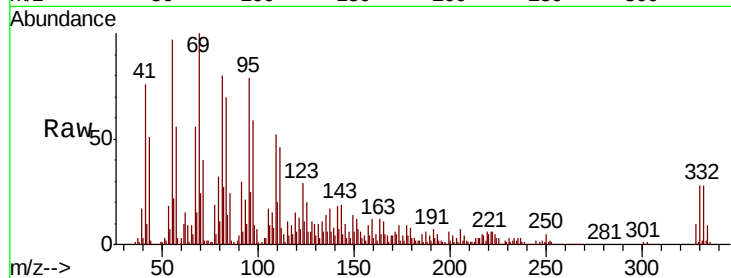




#42
 2,4,6-Tribromophenol
 Concen: 99.006 ng
 RT: 15.68 min Scan# 2175
 Delta R.T. 0.01 min
 Lab File: BM018348.D
 Acq: 21 Dec 2018 02:01

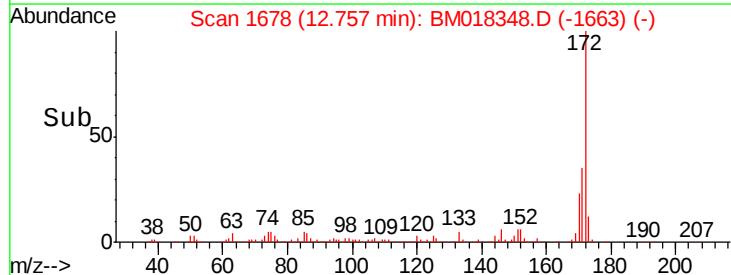
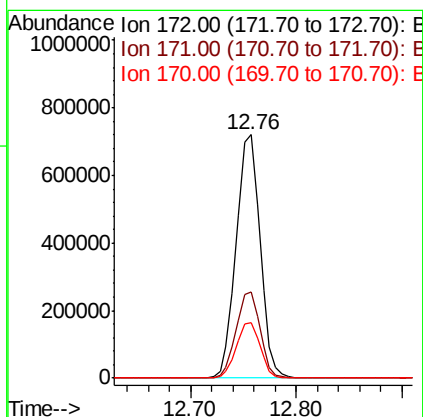
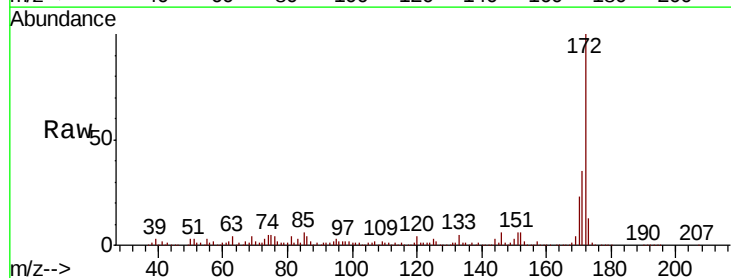
Instrument :
 BNA_M
 ClientSampleId :
 R20-OS

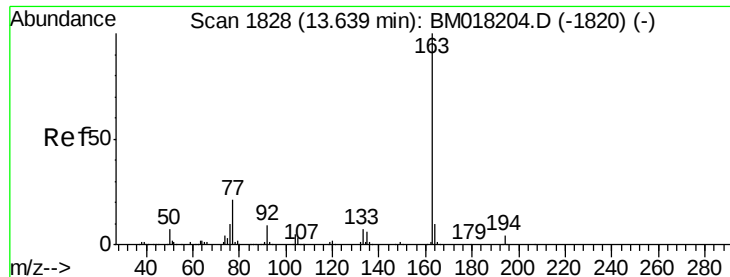
Tgt Ion:330 Resp: 344823
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.6 118.0
 141 36.9 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 61.654 ng
 RT: 12.76 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM018348.D
 Acq: 21 Dec 2018 02:01

Tgt Ion:172 Resp: 1129530
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 22.9 18.1 27.1





#50

Dimethylphthalate

Concen: 3.697 ng

RT: 13.62 min Scan# 1825

Delta R.T. -0.02 min

Lab File: BM018348.D

Acq: 21 Dec 2018 02:01

Instrument :

BNA_M

ClientSampleId :

R20-OS

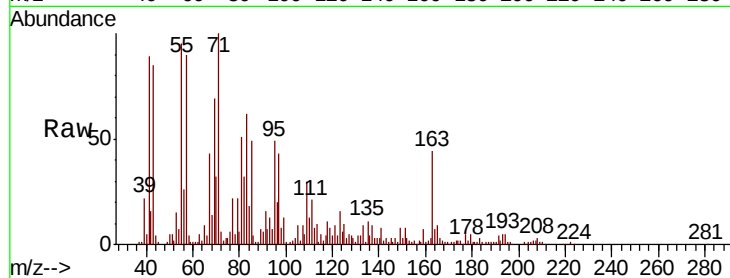
Tgt Ion:163 Resp: 72930

Ion Ratio Lower Upper

163 100

194 10.3 3.1 4.7#

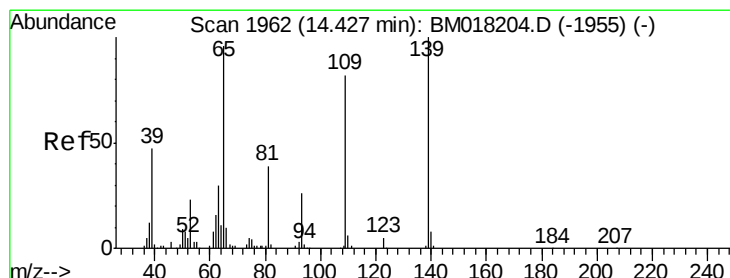
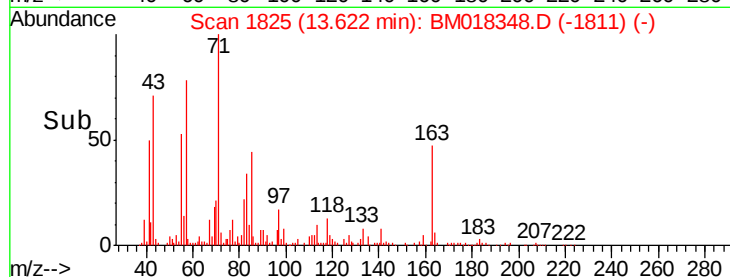
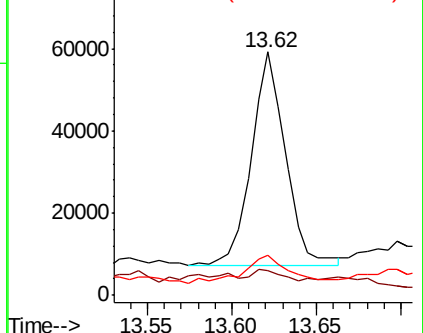
164 16.5 7.9 11.9#



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



#56

4-Nitrophenol

Concen: 2.309 ng

RT: 14.44 min Scan# 1964

Delta R.T. 0.01 min

Lab File: BM018348.D

Acq: 21 Dec 2018 02:01

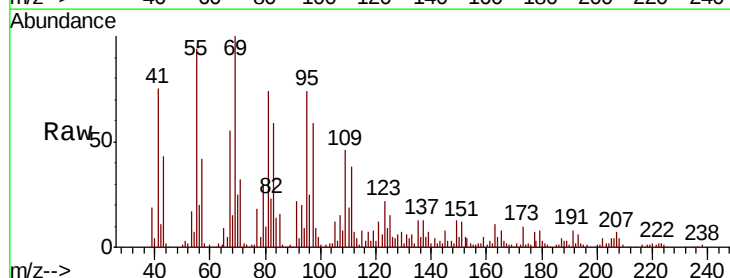
Tgt Ion:139 Resp: 7991

Ion Ratio Lower Upper

139 100

109 658.2 62.3 102.3#

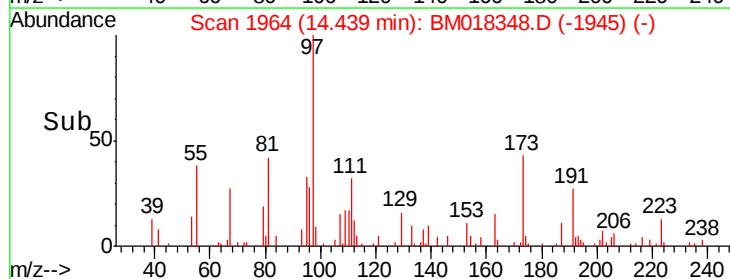
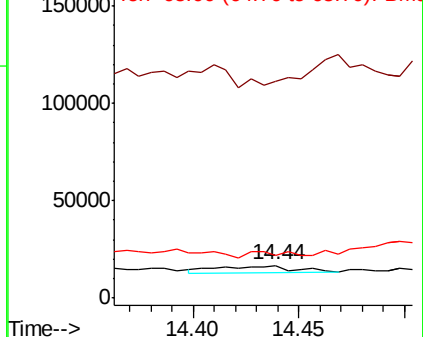
65 128.0 76.4 116.4#

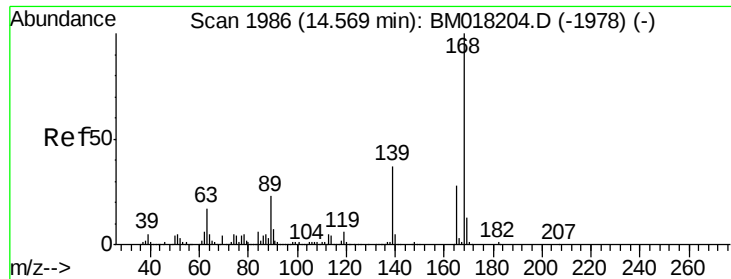


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

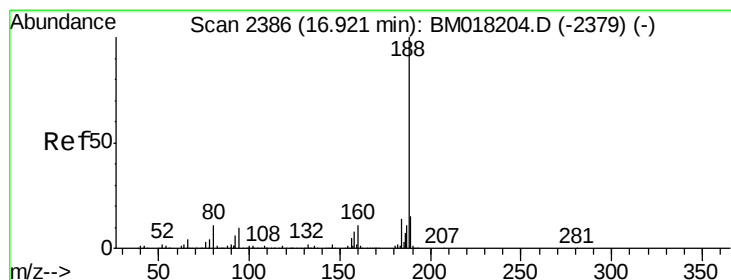
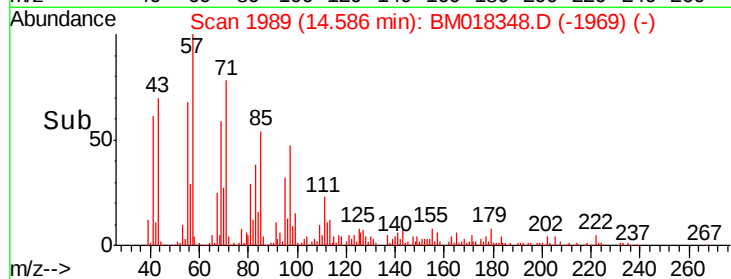
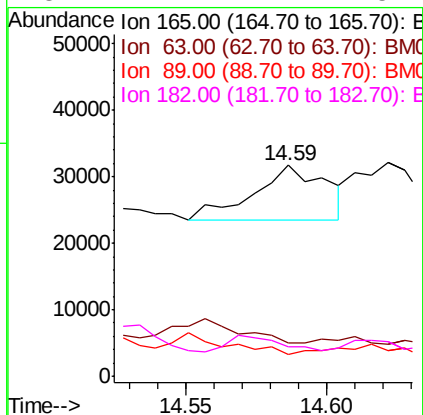
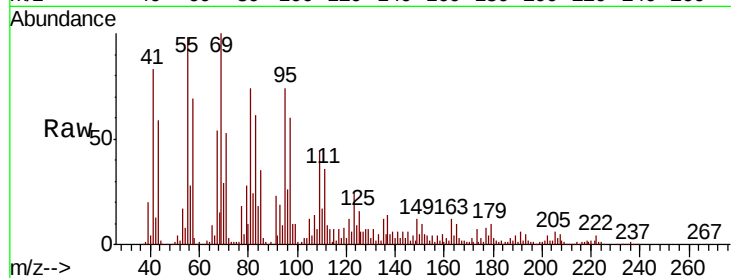




#57
 2,4-Dinitrotoluene
 Concen: 2.413 ng
 RT: 14.59 min Scan# 1989
 Delta R.T. 0.02 min
 Lab File: BM018348.D
 Acq: 21 Dec 2018 02:01

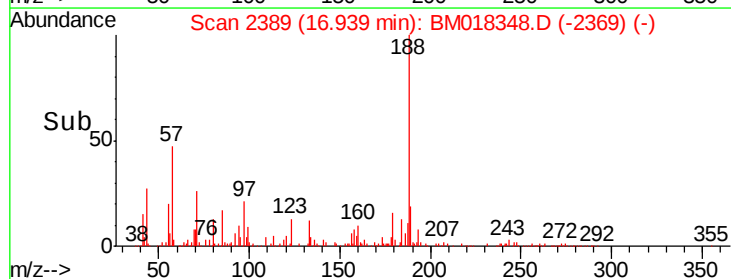
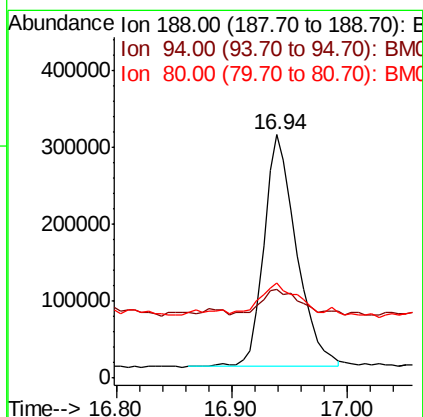
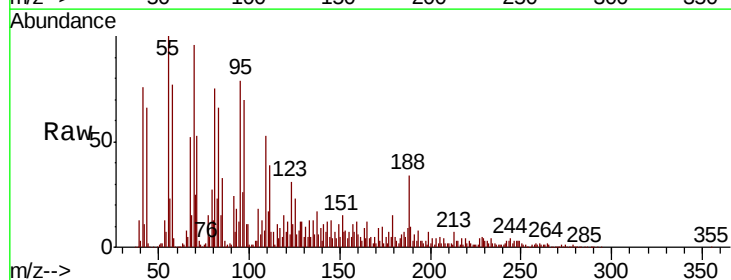
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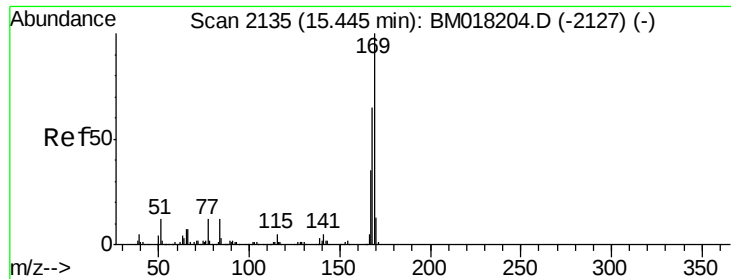
Tgt Ion:165 Resp: 14462
 Ion Ratio Lower Upper
 165 100
 63 15.9 47.2 70.8#
 89 10.6 65.8 98.8#
 182 14.2 2.2 3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.94 min Scan# 2389
 Delta R.T. 0.02 min
 Lab File: BM018348.D
 Acq: 21 Dec 2018 02:01

Tgt Ion:188 Resp: 592490
 Ion Ratio Lower Upper
 188 100
 94 36.3 8.0 12.0#
 80 38.9 9.0 13.6#

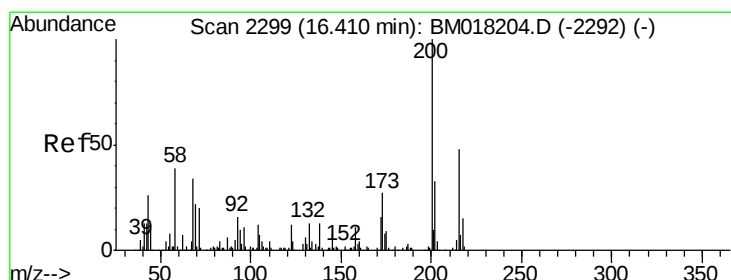
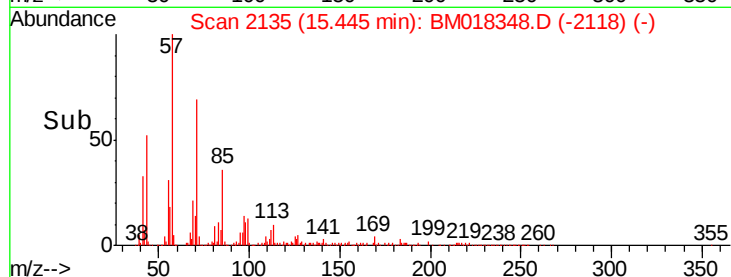
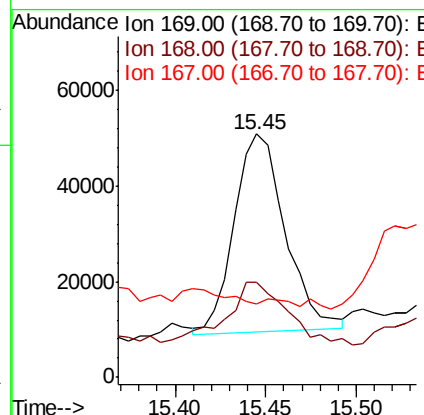
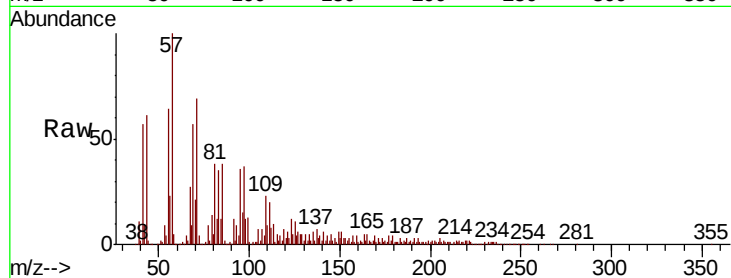




#66
 n-Nitrosodiphenylamine
 Concen: 4.131 ng
 RT: 15.45 min Scan# 2135
 Delta R.T. 0.00 min
 Lab File: BM018348.D
 Acq: 21 Dec 2018 02:01

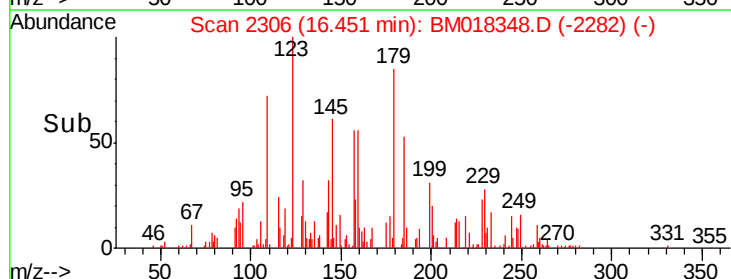
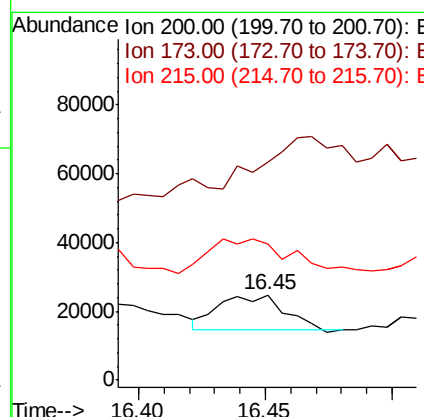
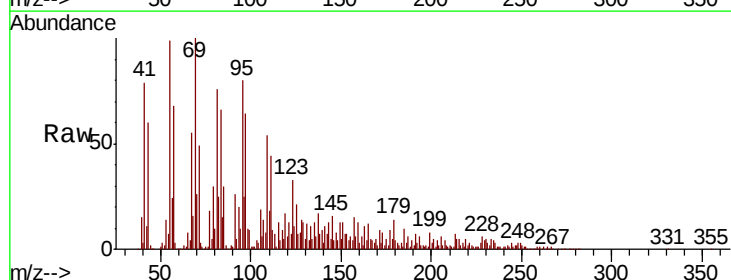
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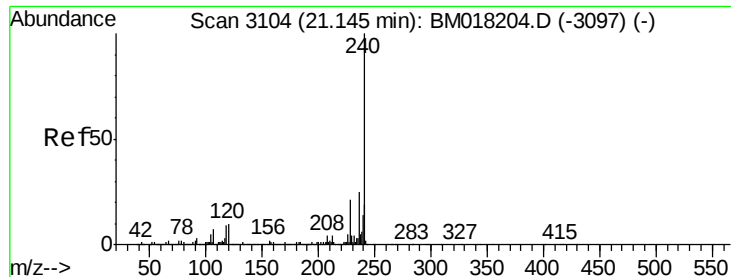
Tgt Ion:169 Resp: 80937
 Ion Ratio Lower Upper
 169 100
 168 39.0 52.2 78.4#
 167 30.1 27.6 41.4



#69
 Atrazine
 Concen: 2.799 ng
 RT: 16.45 min Scan# 2306
 Delta R.T. 0.04 min
 Lab File: BM018348.D
 Acq: 21 Dec 2018 02:01

Tgt Ion:200 Resp: 18512
 Ion Ratio Lower Upper
 200 100
 173 256.6 6.9 46.9#
 215 159.3 27.9 67.9#

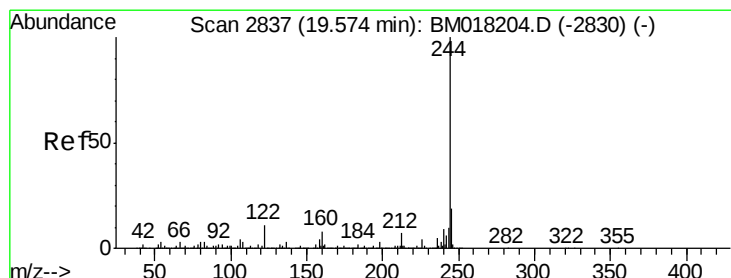
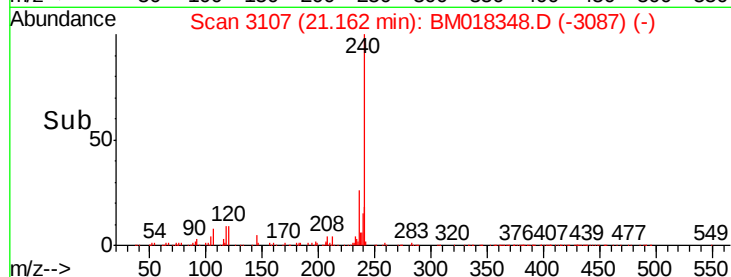
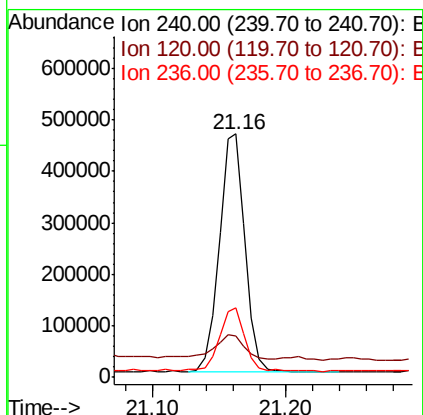
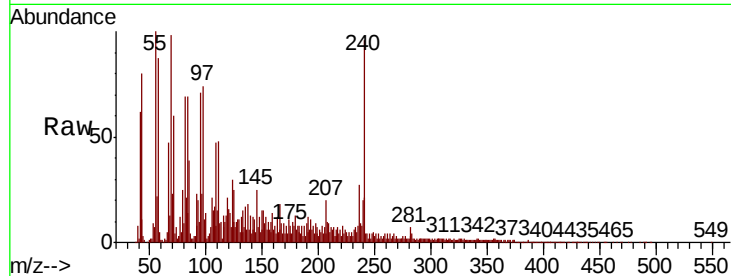




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3107
Delta R.T. 0.02 min
Lab File: BM018348.D
Acq: 21 Dec 2018 02:01

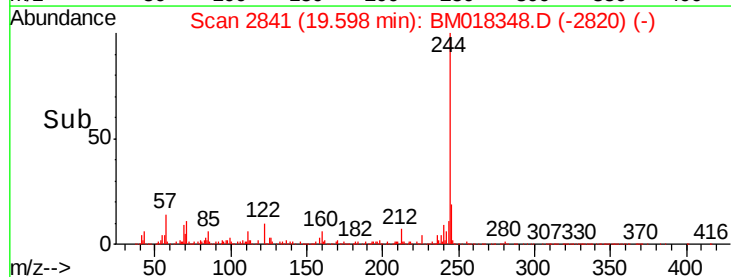
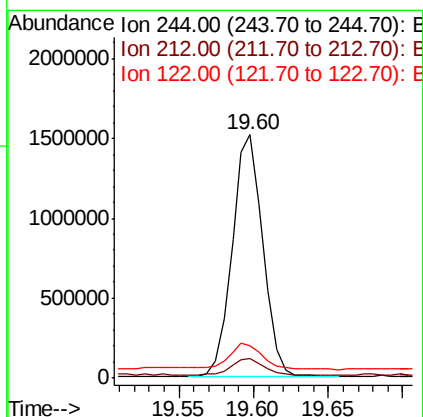
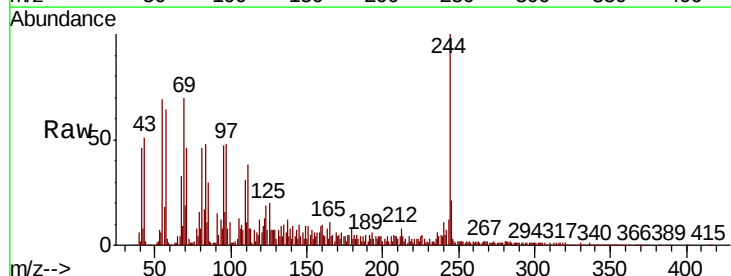
Instrument :
BNA_M
ClientSampleId :
R20-OS

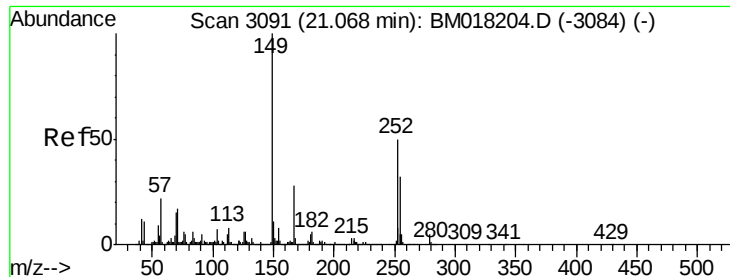
Tgt Ion:240 Resp: 621648
Ion Ratio Lower Upper
240 100
120 17.0 8.2 12.2#
236 28.5 20.3 30.5



#79
Terphenyl-d14
Concen: 78.290 ng
RT: 19.60 min Scan# 2841
Delta R.T. 0.02 min
Lab File: BM018348.D
Acq: 21 Dec 2018 02:01

Tgt Ion:244 Resp: 2151926
Ion Ratio Lower Upper
244 100
212 8.1 5.8 8.8
122 13.4 9.0 13.6

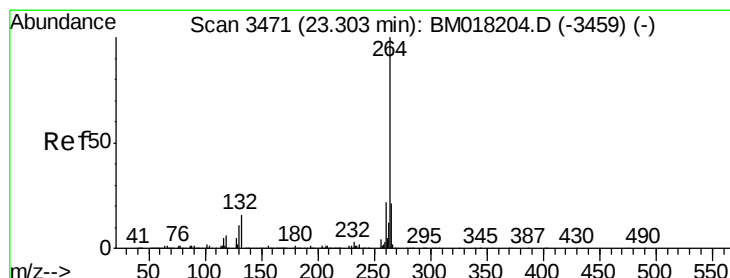
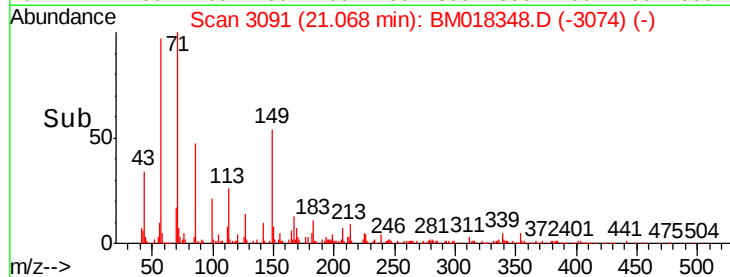
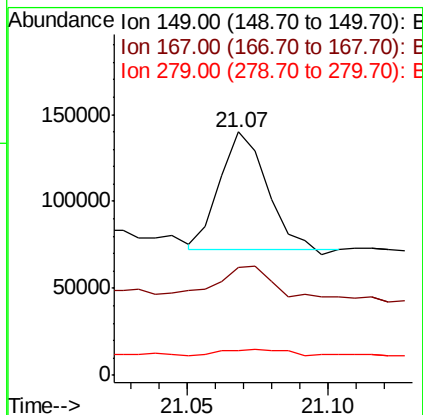
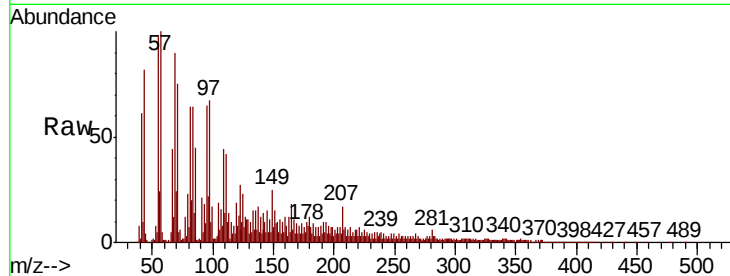




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.962 ng
 RT: 21.07 min Scan# 3091
 Delta R.T. 0.00 min
 Lab File: BM018348.D
 Acq: 21 Dec 2018 02:01

Instrument :
 BNA_M
 ClientSampleId :
 R20-OS

Tgt Ion:149 Resp: 77796
 Ion Ratio Lower Upper
 149 100
 167 44.5 22.7 34.1#
 279 10.2 3.9 5.9#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.32 min Scan# 3473
 Delta R.T. 0.01 min
 Lab File: BM018348.D
 Acq: 21 Dec 2018 02:01

Tgt Ion:264 Resp: 526003
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.5 26.3
 265 23.7 17.3 25.9

