

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017271.D
 Acq On : 20 Oct 2018 18:39
 Operator : MJ/SJ
 Sample : PB113963BL
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 22 06:39:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

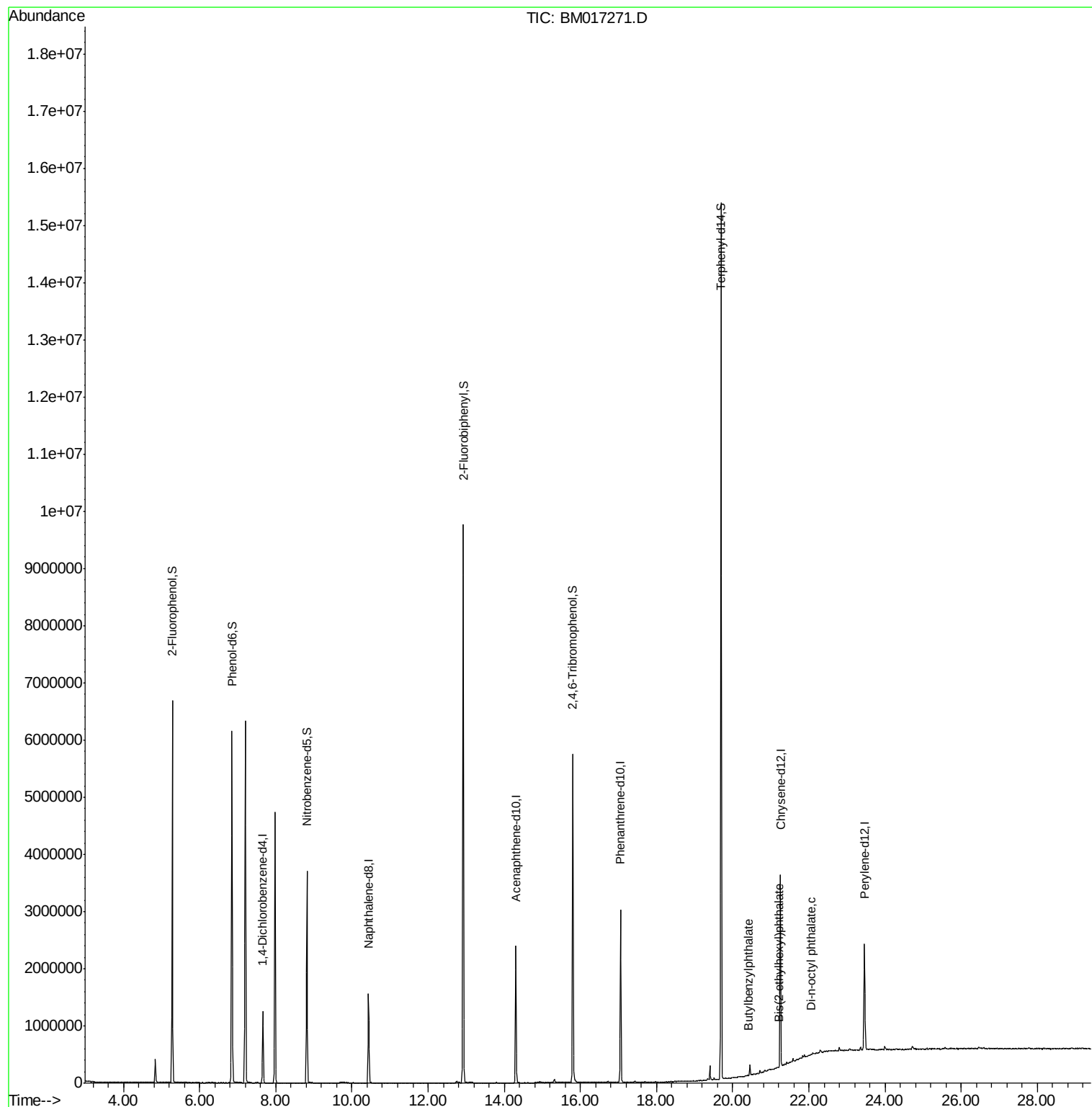
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	329257	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	1297436	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	768050	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1761973	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1550450	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1350975	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2676443	137.48	ng	0.00
7) Phenol-d6	6.85	99	3507720	132.30	ng	0.00
23) Nitrobenzene-d5	8.82	82	2061003	92.91	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1084083	104.37	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	4999900	86.62	ng	-0.01
79) Terphenyl-d14	19.70	244	7094083	103.13	ng	0.00
Target Compounds						
80) Butylbenzylphthalate	20.42	149	152	7.180	ng	# 78
84) Bis(2-ethylhexyl)phthalate	21.20	149	1385	5.332	ng	# 52
85) Di-n-octyl phthalate	22.06	149	852	5.580	ng	# 1

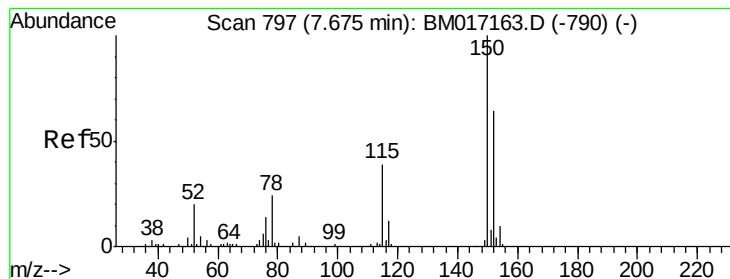
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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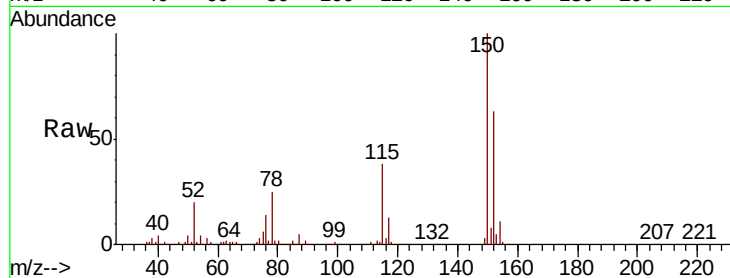


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017271.D
Acq: 20 Oct 2018 18:39

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.3	186.5
115	61.1	48.1	72.1

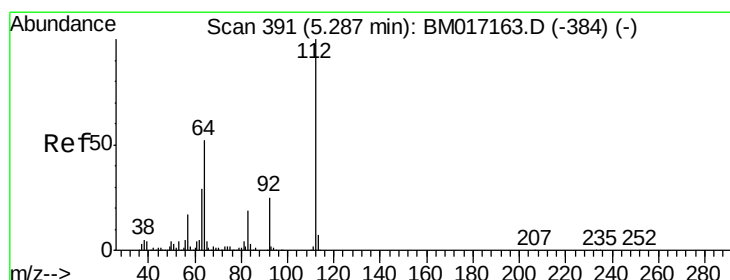
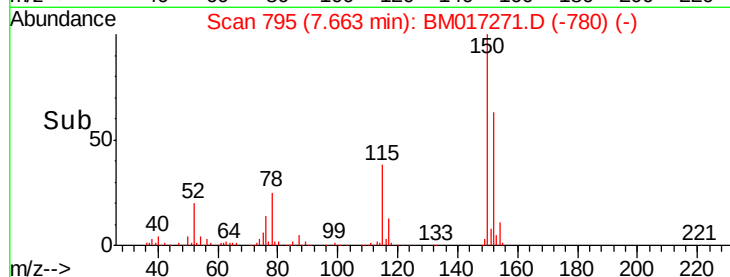
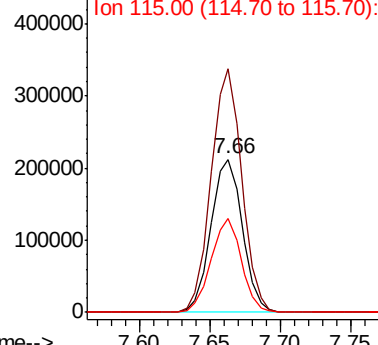


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

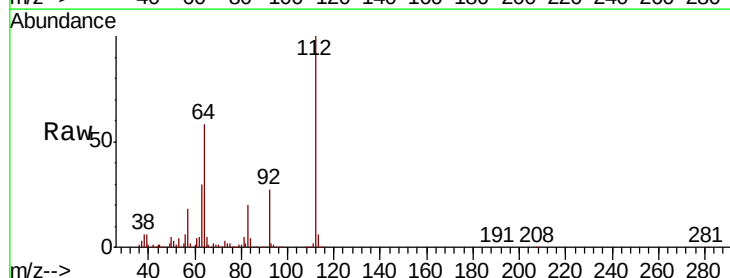
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 137.484 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017271.D
Acq: 20 Oct 2018 18:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	41.7	62.5
63	30.4	23.0	34.4

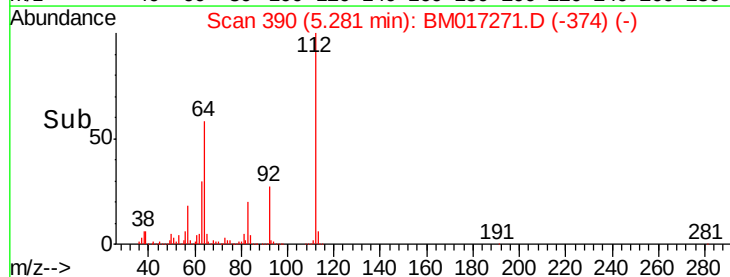
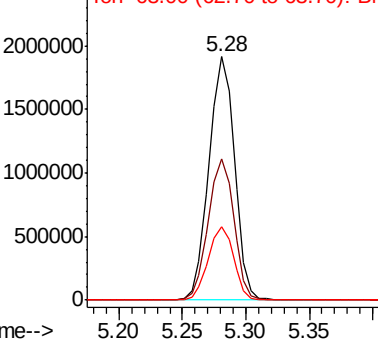


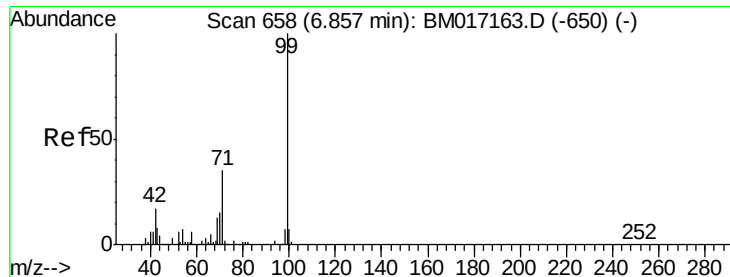
Abundance

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: 132.300 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017271.D

Acq: 20 Oct 2018 18:39

Instrument :

BNA_M

ClientSampleId :

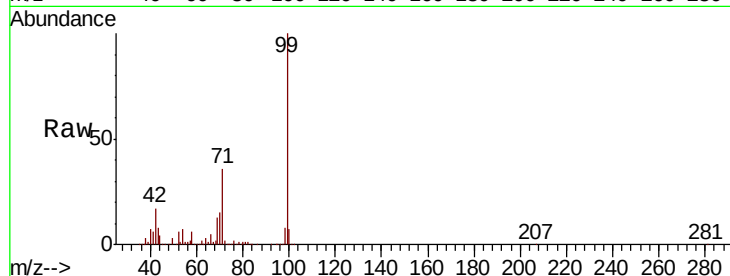
Tot Ion: 99 Resp: 3507720

Ion Ratio Lower Upper

99 100

42 17.2 13.3 19.9

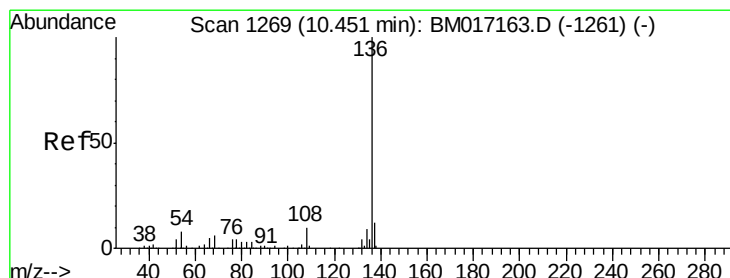
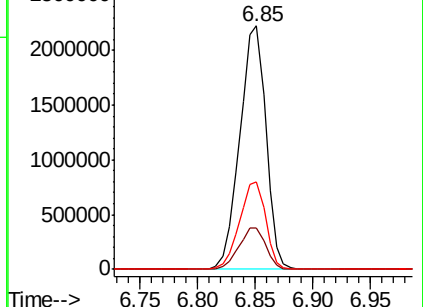
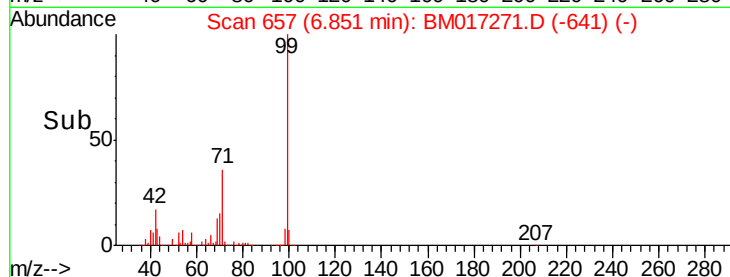
71 35.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017271.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017271.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017271.D (-641) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM017271.D

Acq: 20 Oct 2018 18:39

Tgt Ion: 136 Resp: 1297436

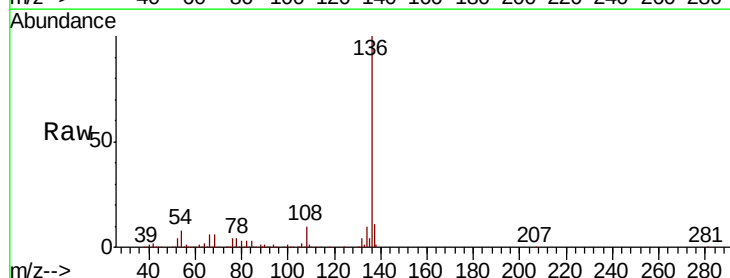
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 8.0 6.7 10.1

68 5.7 4.7 7.1

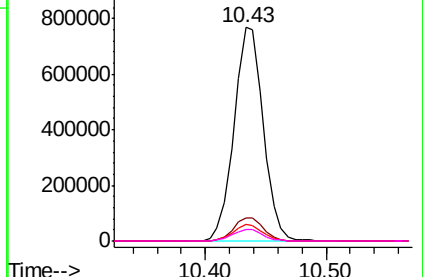
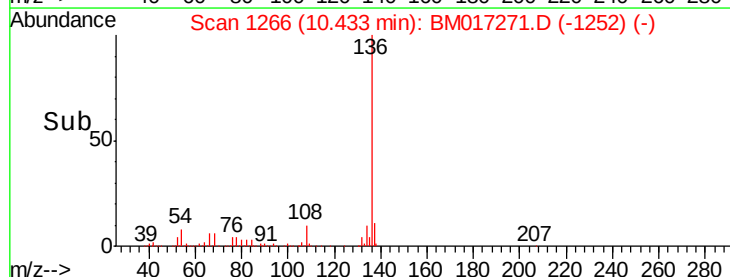


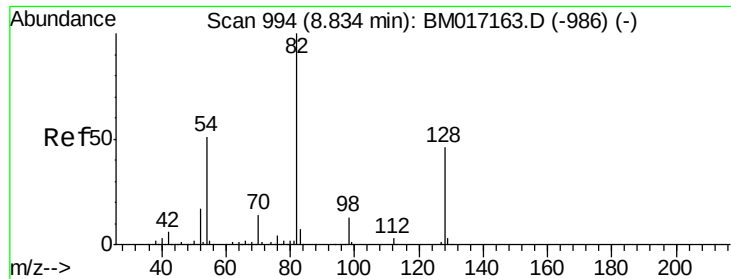
Abundance Ion 136.00 (135.70 to 136.70): BM017271.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM017271.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM017271.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM017271.D (-1252) (-)

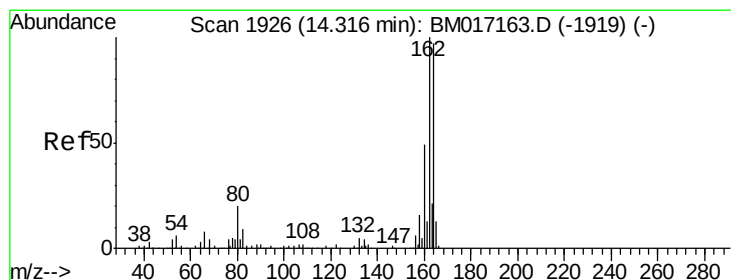
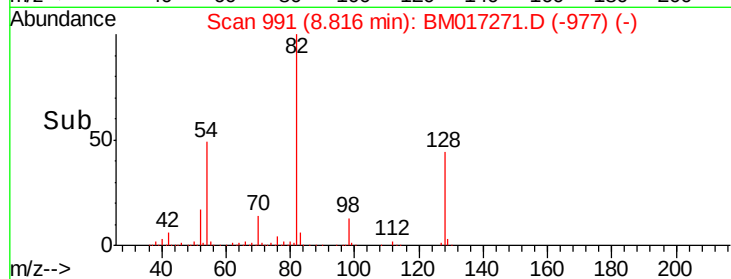
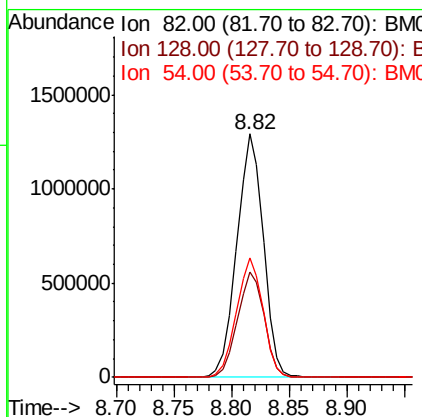
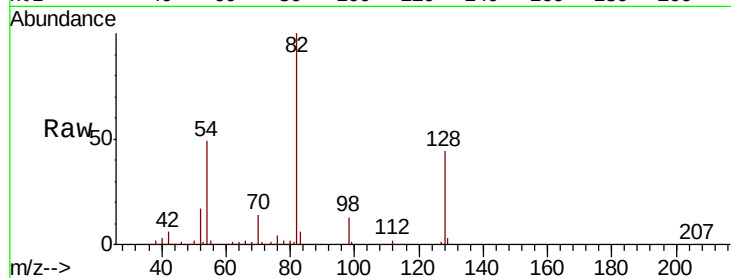




#23
Nitrobenzene-d5
Concen: 92.906 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM017271.D
Acq: 20 Oct 2018 18:39

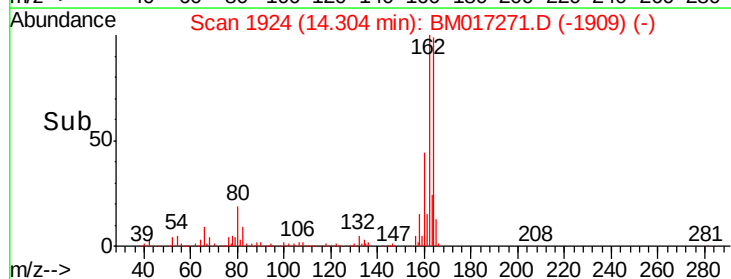
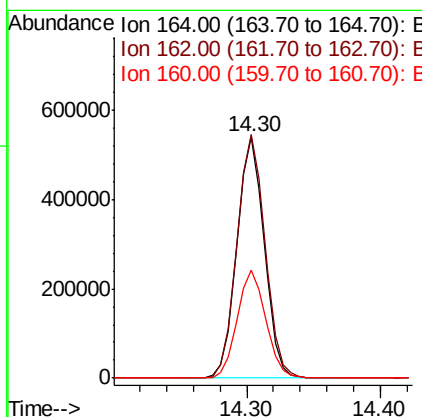
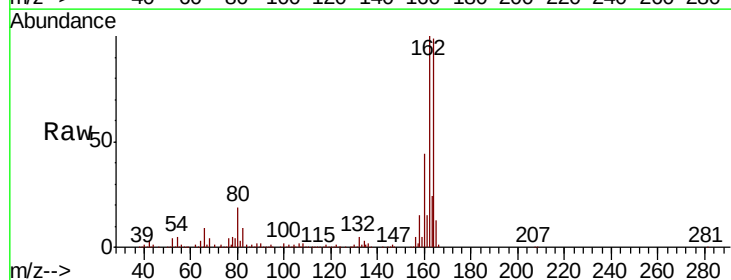
Instrument :
BNA_M
ClientSampleId :

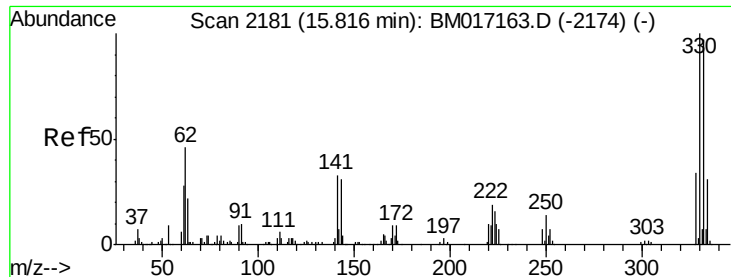
Tot Ion: 82 Resp: 2061003
Ion Ratio Lower Upper
82 100
128 43.5 37.0 55.6
54 49.0 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017271.D
Acq: 20 Oct 2018 18:39

Tgt Ion:164 Resp: 768050
Ion Ratio Lower Upper
164 100
162 100.9 82.1 123.1
160 44.6 40.2 60.2





#42

2,4,6-Tribromophenol

Concen: 104.372 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BM017271.D

Acq: 20 Oct 2018 18:39

Instrument :

BNA_M

ClientSampled :

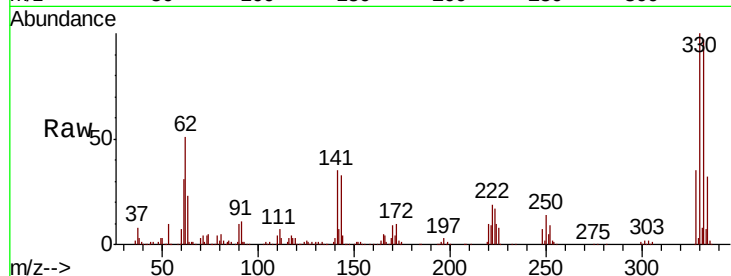
Tot Ion:330 Resp: 1084083

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 33.1 27.4 41.0

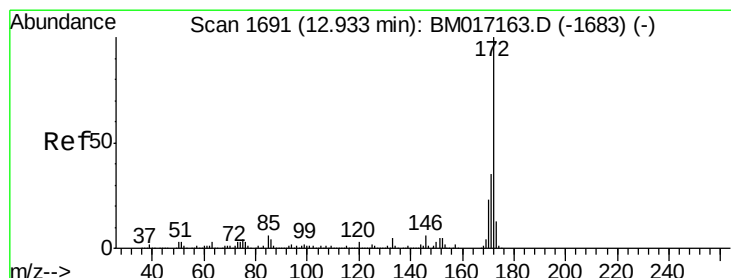
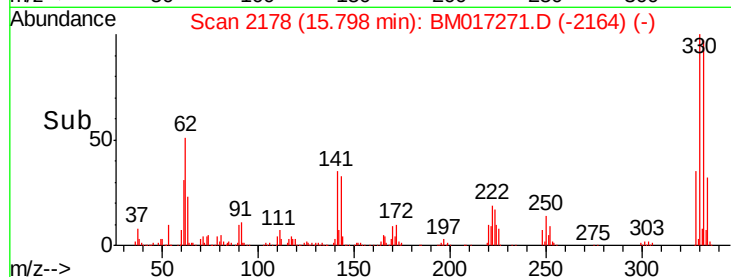
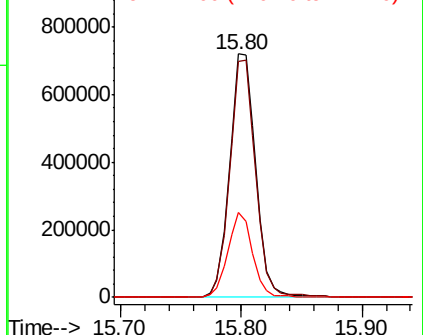


Abundance

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: 86.617 ng

RT: 12.92 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BM017271.D

Acq: 20 Oct 2018 18:39

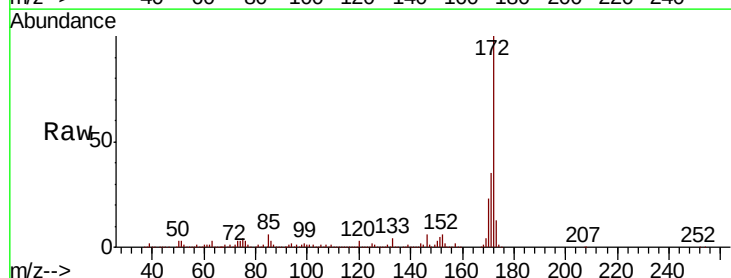
Tgt Ion:172 Resp: 4999900

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 22.8 18.3 27.5

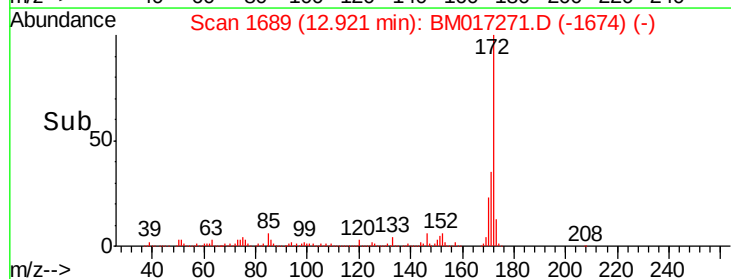
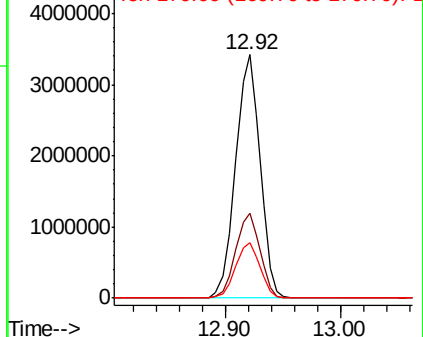


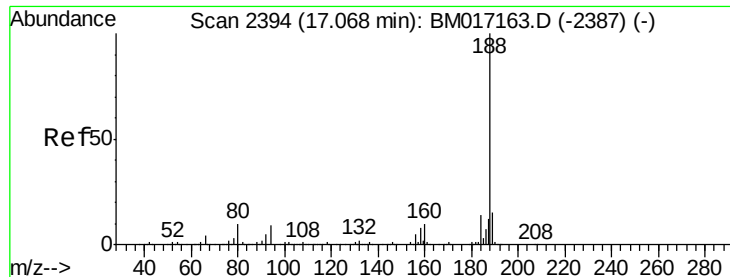
Abundance

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

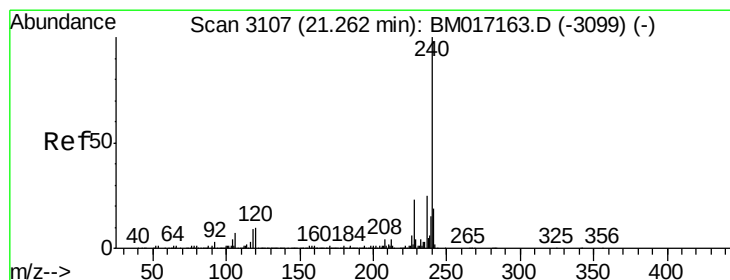
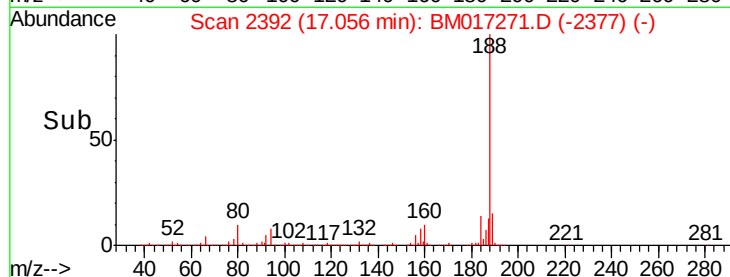
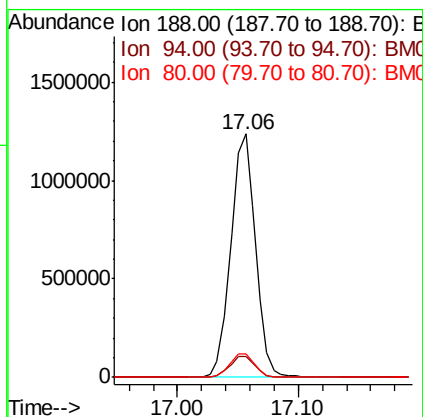
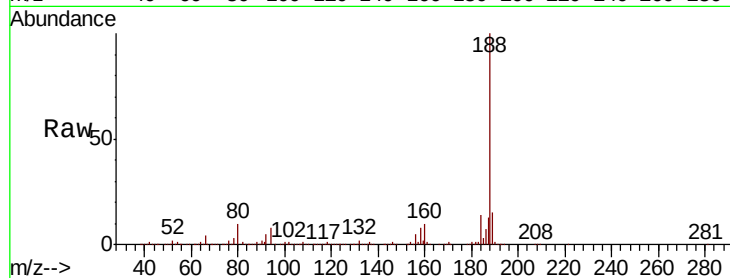




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017271.D
Acq: 20 Oct 2018 18:39

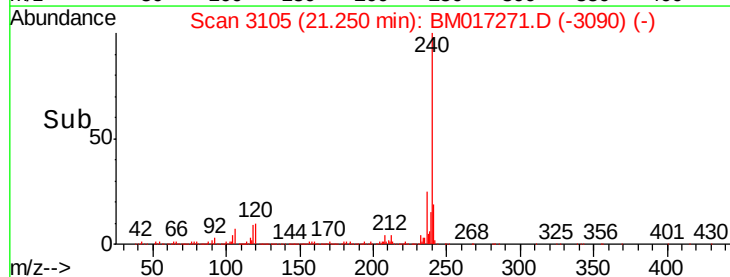
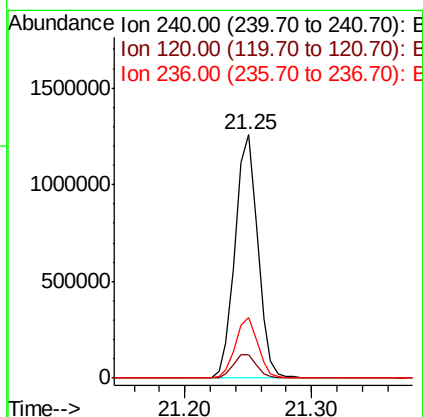
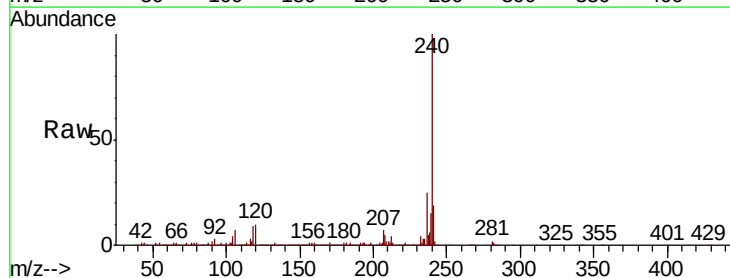
Instrument :
BNA_M
ClientSampleId :

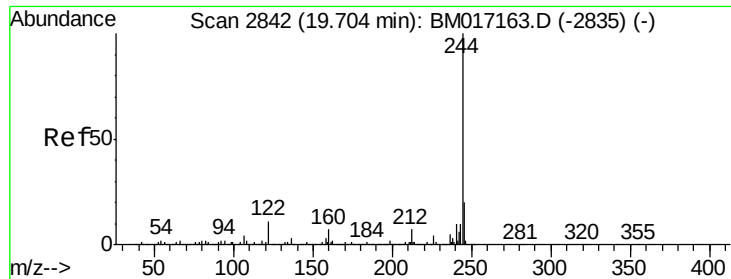
Tot Ion:188 Resp: 1761973
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 9.5 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017271.D
Acq: 20 Oct 2018 18:39

Tgt Ion:240 Resp: 1550450
Ion Ratio Lower Upper
240 100
120 9.7 8.1 12.1
236 24.7 19.9 29.9

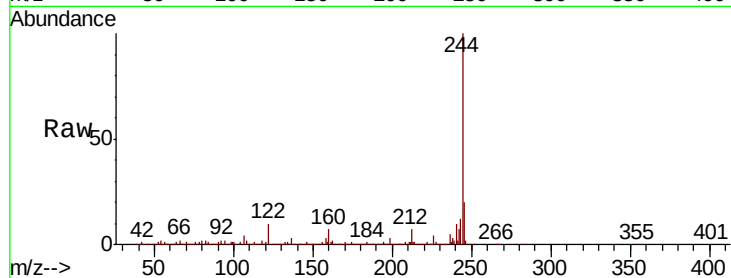




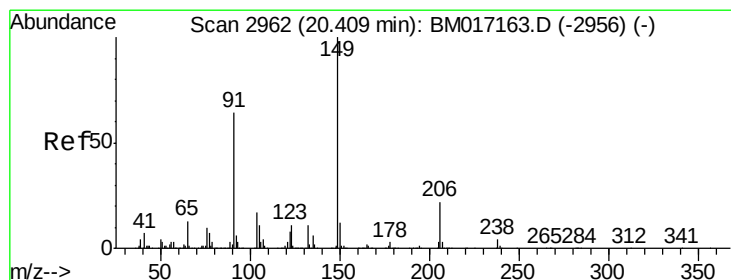
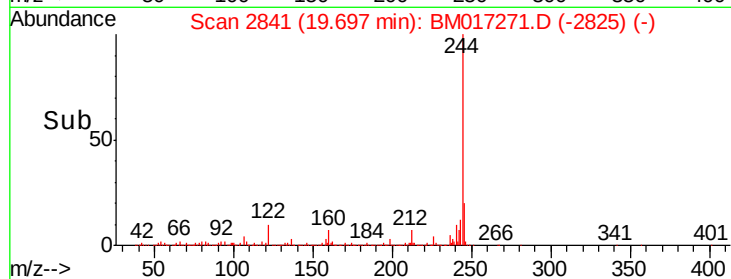
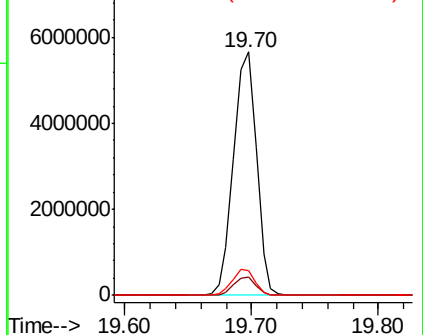
#79
 Terphenyl-d14
 Concen: 103.132 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017271.D
 Acq: 20 Oct 2018 18:39

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 7094083
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 10.1 8.4 12.6

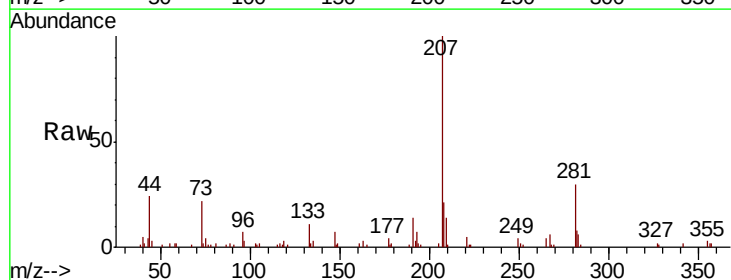


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

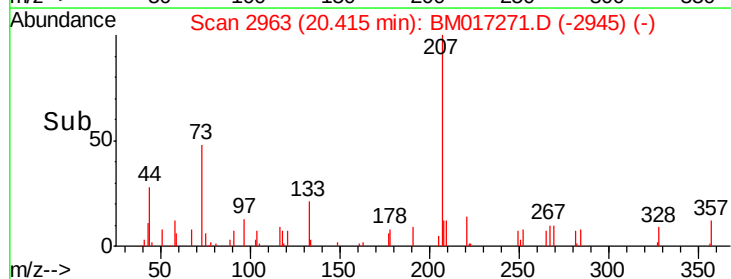
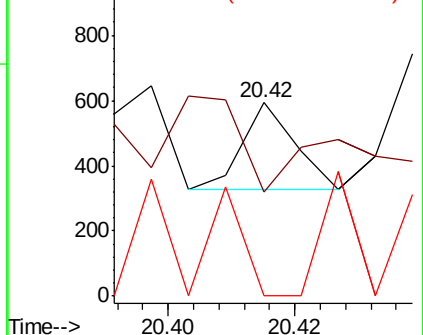


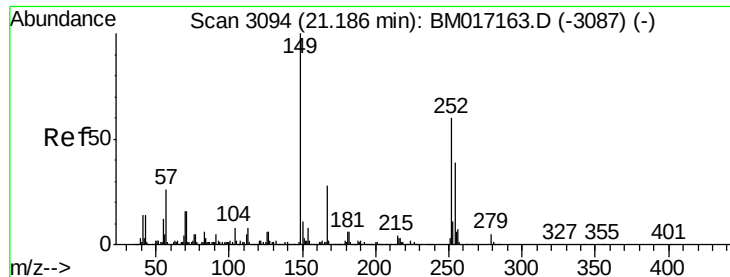
#80
 Butylbenzylphthalate
 Concen: 7.180 ng
 RT: 20.42 min Scan# 2963
 Delta R.T. 0.01 min
 Lab File: BM017271.D
 Acq: 20 Oct 2018 18:39

Tgt Ion:149 Resp: 152
 Ion Ratio Lower Upper
 149 100
 91 53.5 51.3 76.9
 206 0.0 18.0 27.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.332 ng

RT: 21.20 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BM017271.D

Acq: 20 Oct 2018 18:39

Instrument :

BNA_M

ClientSampled :

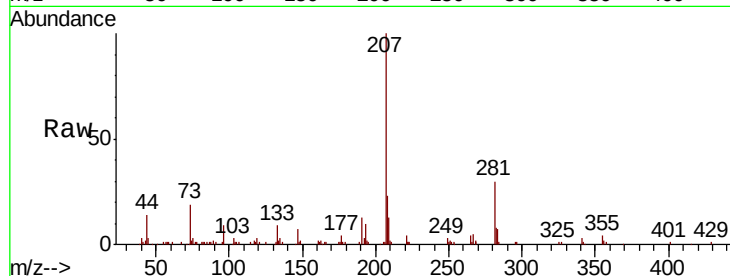
Tot Ion:149 Resp: 1385

Ion Ratio Lower Upper

149 100

167 0.0 22.2 33.4#

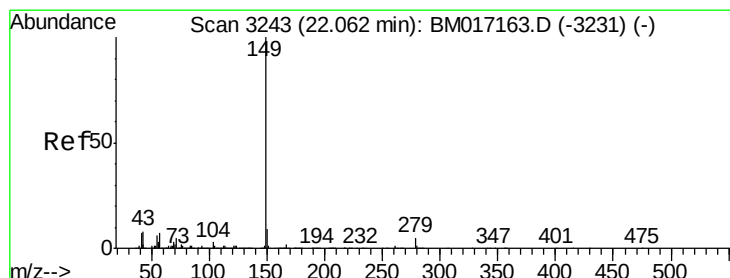
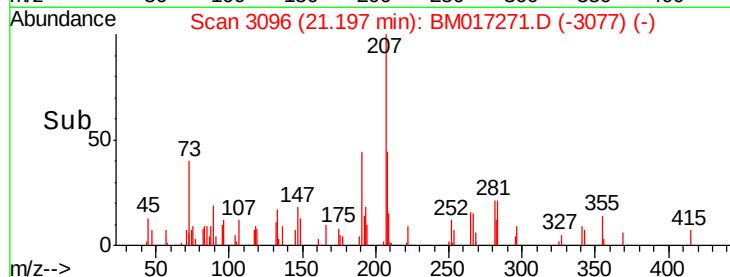
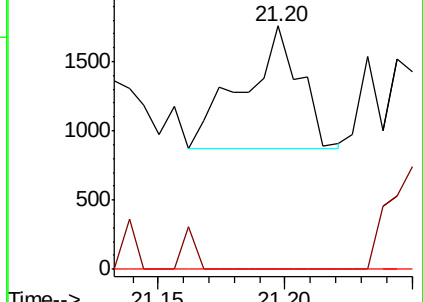
279 0.0 3.6 5.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 5.580 ng

RT: 22.06 min Scan# 3242

Delta R.T. -0.01 min

Lab File: BM017271.D

Acq: 20 Oct 2018 18:39

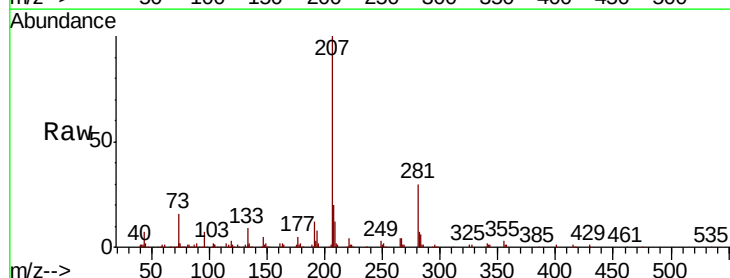
Tgt Ion:149 Resp: 852

Ion Ratio Lower Upper

149 100

167 66.9 1.4 2.0#

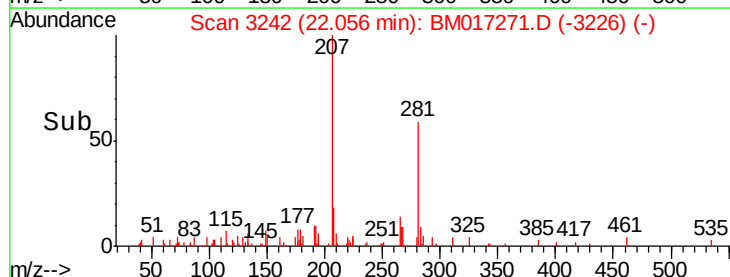
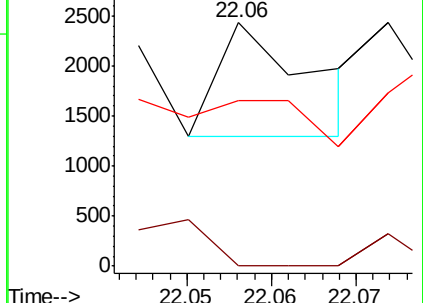
43 116.0 7.2 10.8#

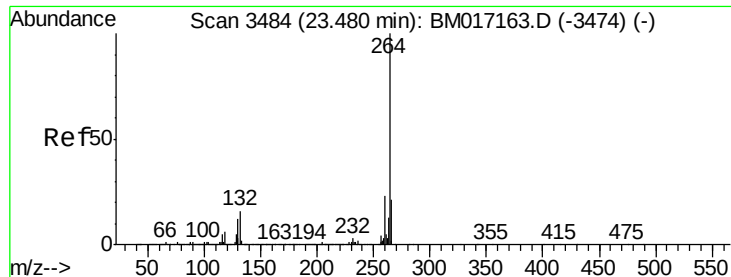


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017271.D
Acq: 20 Oct 2018 18:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1350975

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	22.6	17.8	26.8

