

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017268.D
 Acq On : 20 Oct 2018 16:51
 Operator : MJ/SJ
 Sample : J5590-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 22 05:11:25 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

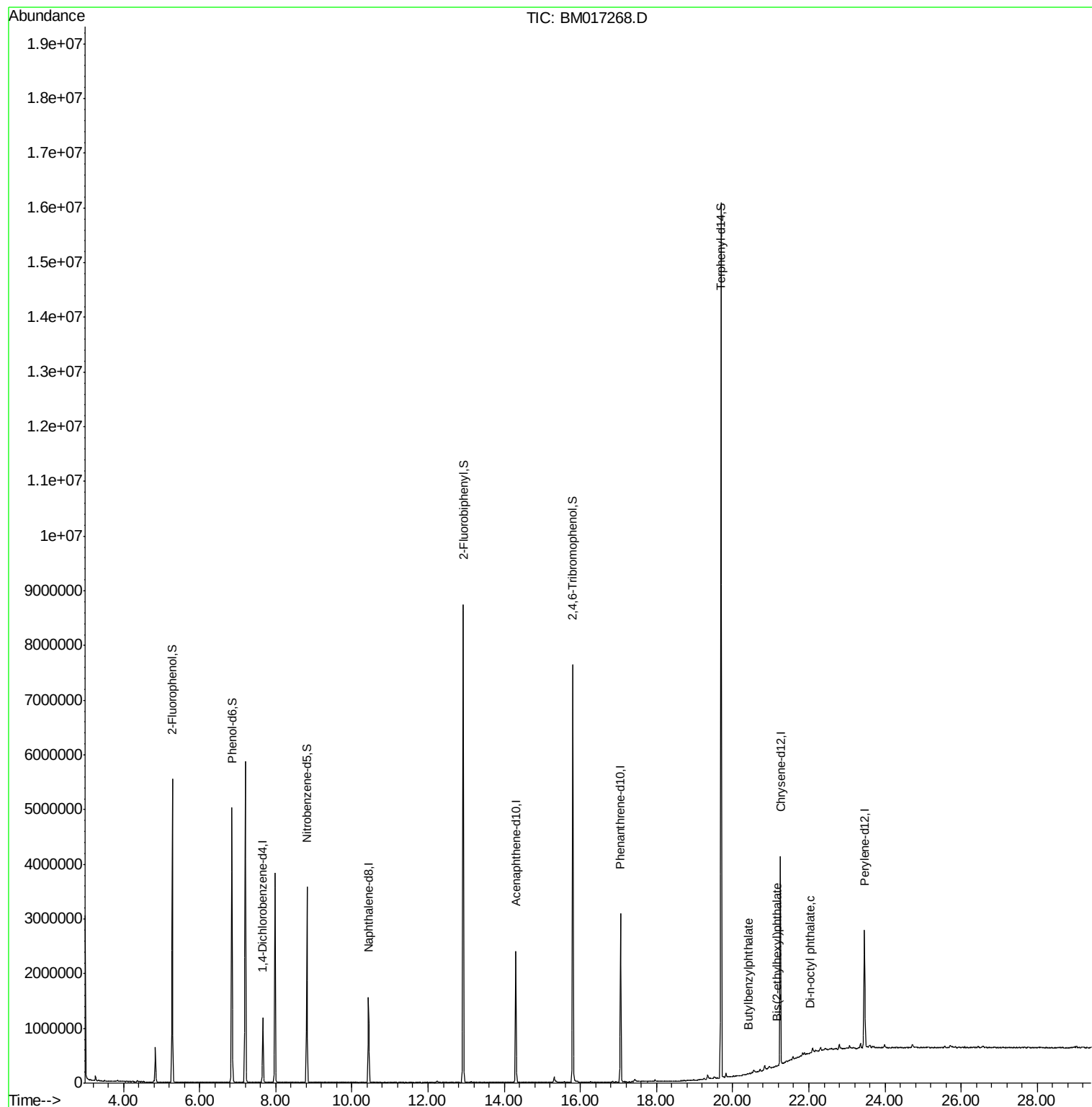
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	310769	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	1289349	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	781040	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1792988	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1842601	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1587693	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2221016	120.88	ng	0.00
7) Phenol-d6	6.85	99	2836300	113.34	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1955598	88.71	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1393374	131.92	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	4615371	78.63	ng	-0.01
79) Terphenyl-d14	19.70	244	7463050	91.29	ng	0.00
Target Compounds						
80) Butylbenzylphthalate	20.40	149	1057	7.199	ng	# 88
84) Bis(2-ethylhexyl)phthalate	21.17	149	1598	5.332	ng	# 76
85) Di-n-octyl phthalate	22.04	149	899	5.579	ng	# 57

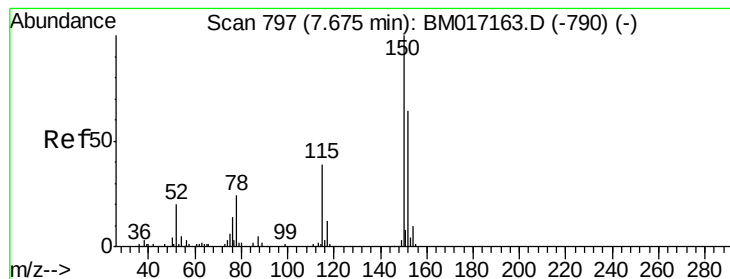
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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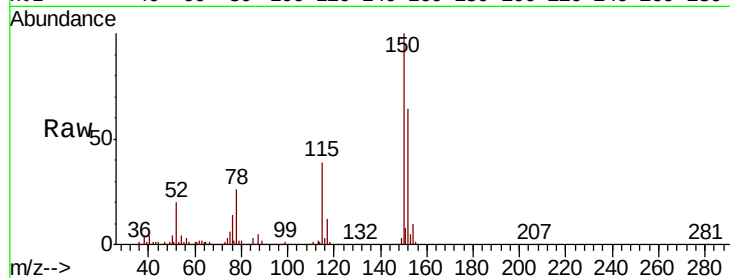


#1

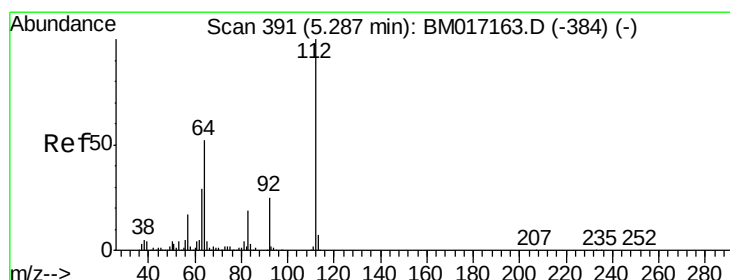
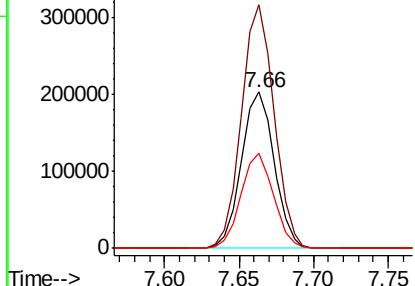
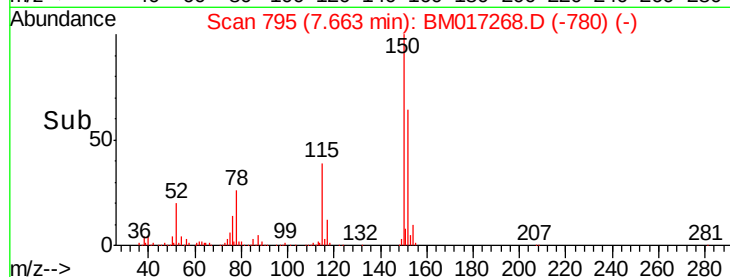
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017268.D
Acq: 20 Oct 2018 16:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 310769
Ion Ratio Lower Upper
152 100
150 155.6 124.3 186.5
115 60.8 48.1 72.1



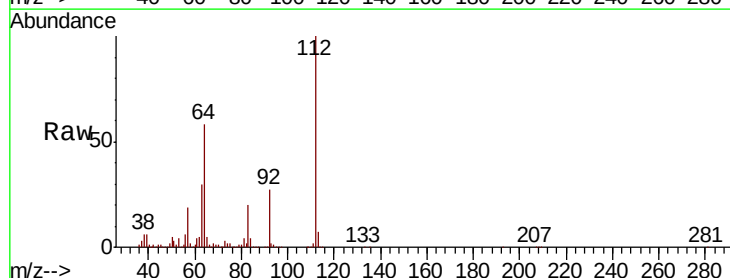
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



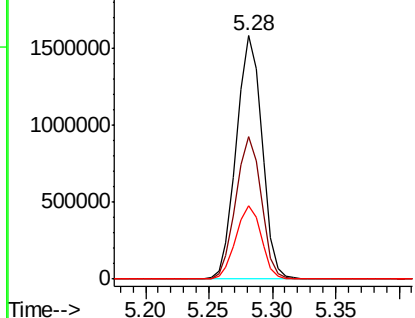
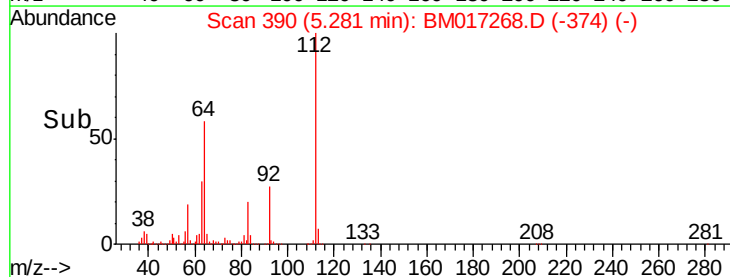
#5

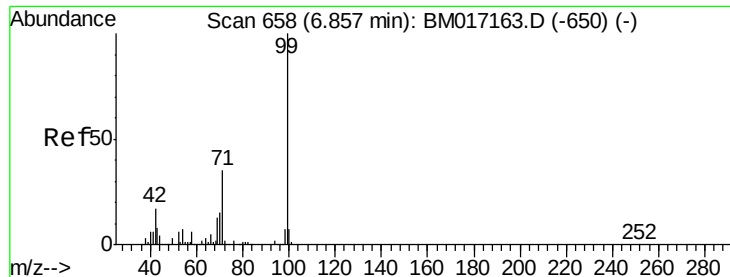
2-Fluorophenol
Concen: 120.877 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.00 min
Lab File: BM017268.D
Acq: 20 Oct 2018 16:51

Tgt Ion:112 Resp: 2221016
Ion Ratio Lower Upper
112 100
64 58.3 41.7 62.5
63 30.1 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: 113.340 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017268.D

Acq: 20 Oct 2018 16:51

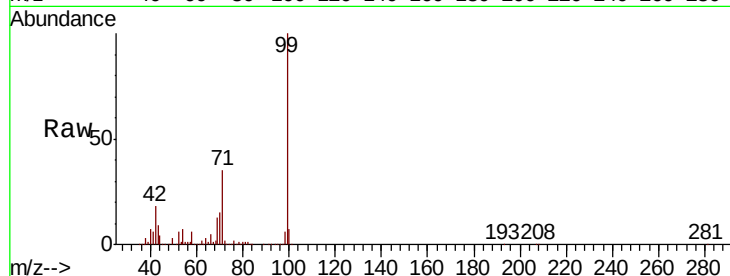
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 2836300

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.3	19.9
71	35.5	28.0	42.0

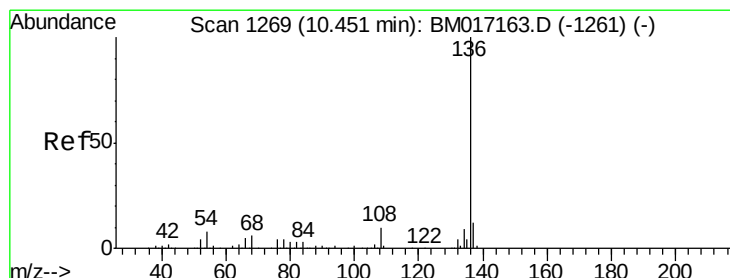
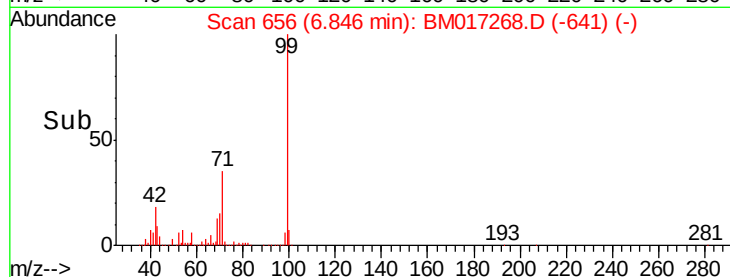
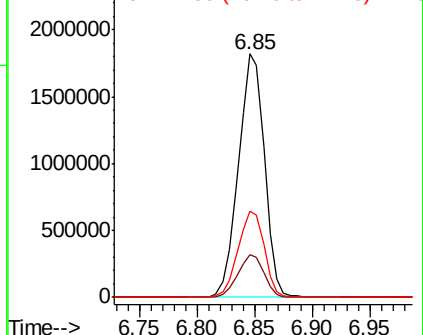


Abundance

Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

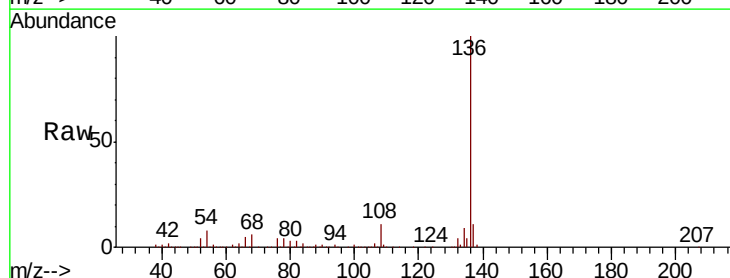
Delta R.T. -0.02 min

Lab File: BM017268.D

Acq: 20 Oct 2018 16:51

Tgt Ion: 136 Resp: 1289349

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.7	6.7	10.1
68	6.0	4.7	7.1



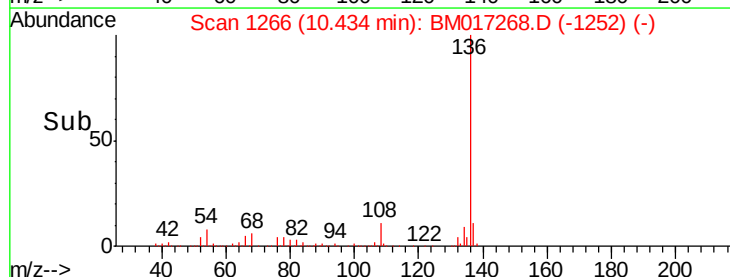
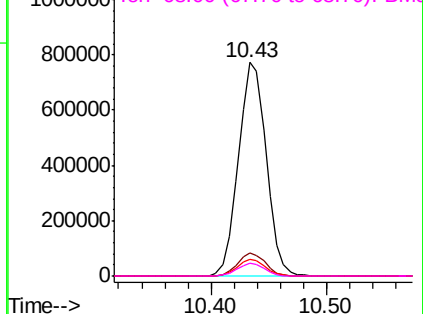
Abundance

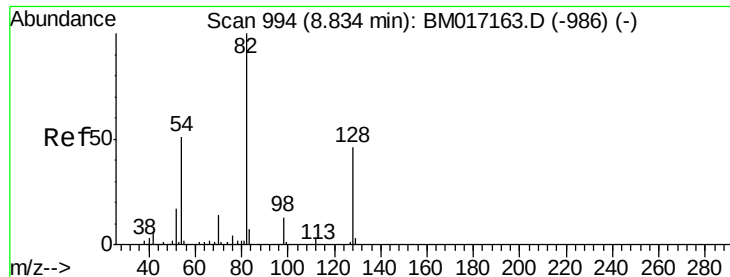
Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1261) (-)

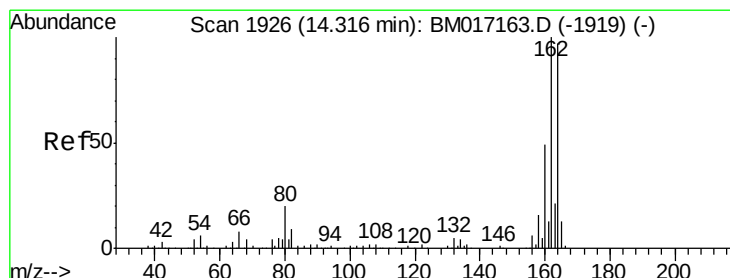
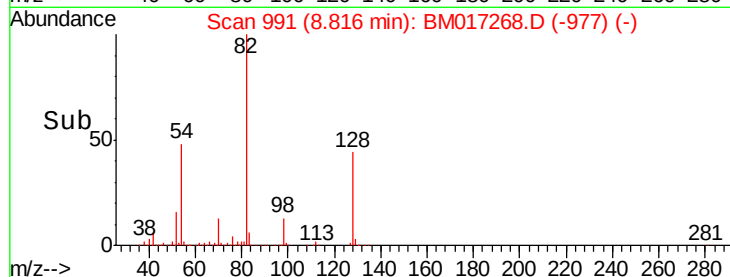
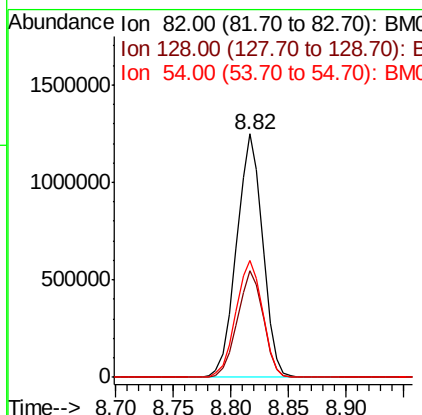
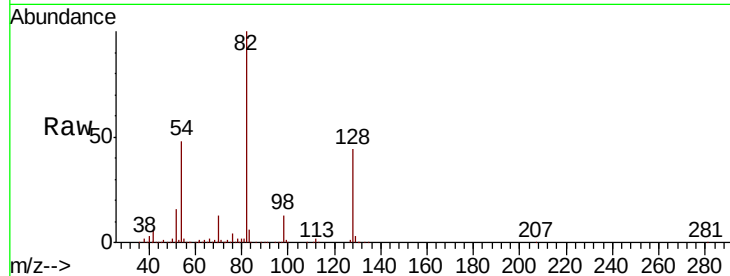




#23
Nitrobenzene-d5
Concen: 88.707 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM017268.D
Acq: 20 Oct 2018 16:51

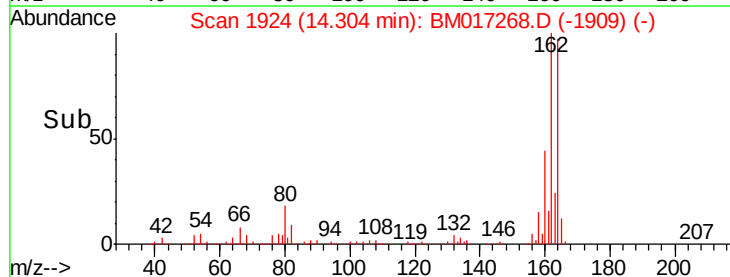
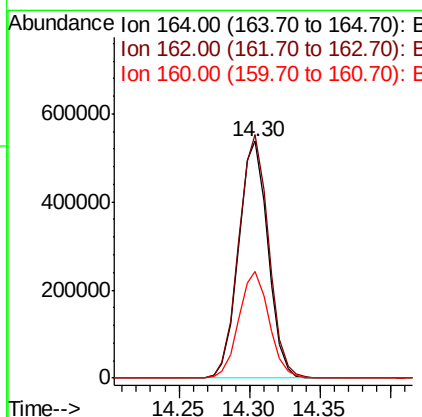
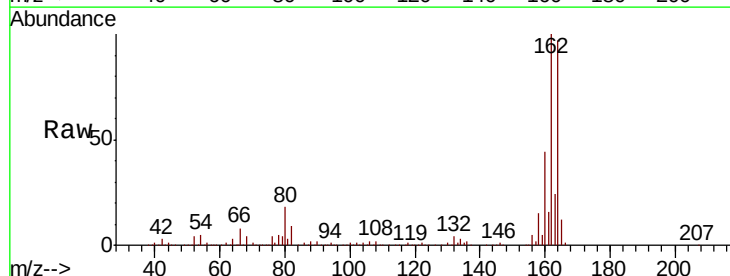
Instrument :
BNA_M
ClientSampleId :

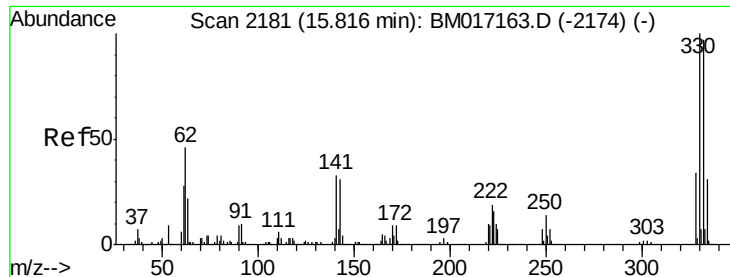
Tot Ion: 82 Resp: 1955598
Ion Ratio Lower Upper
82 100
128 43.6 37.0 55.6
54 48.2 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017268.D
Acq: 20 Oct 2018 16:51

Tgt Ion:164 Resp: 781040
Ion Ratio Lower Upper
164 100
162 102.7 82.1 123.1
160 44.7 40.2 60.2

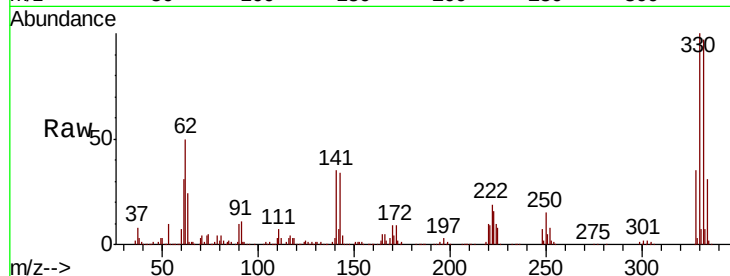




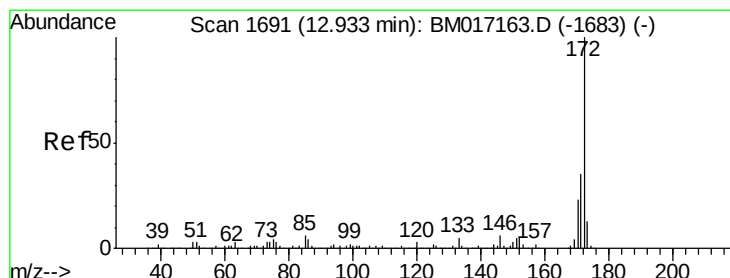
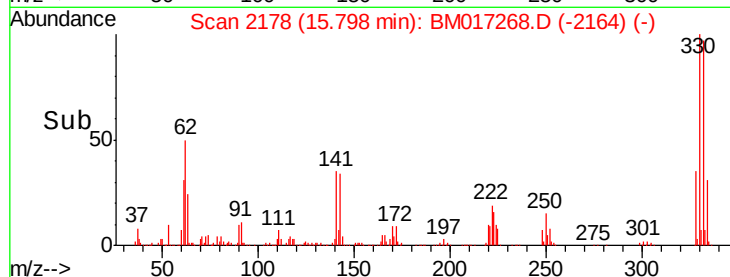
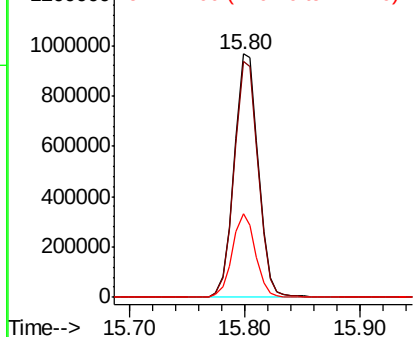
#42
 2,4,6-Tribromophenol
 Concen: 131.918 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BM017268.D
 Acq: 20 Oct 2018 16:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1393374
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.3 115.9
 141 33.3 27.4 41.0

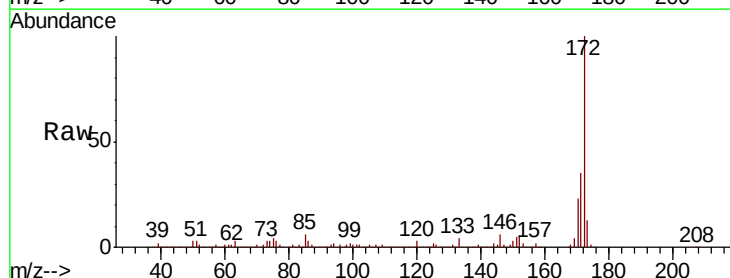


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

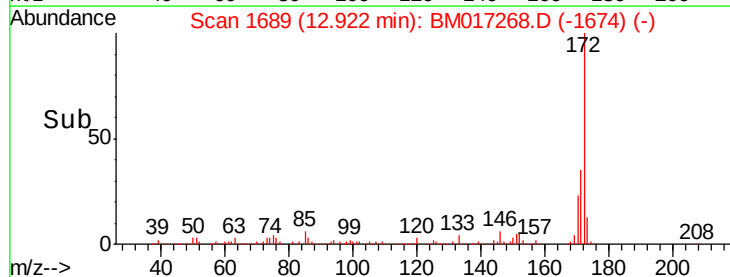
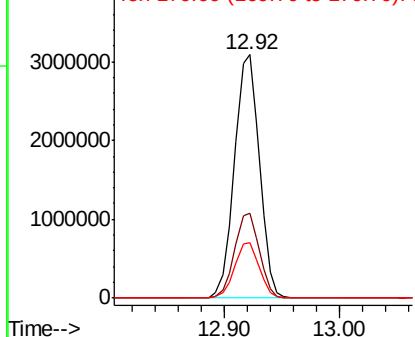


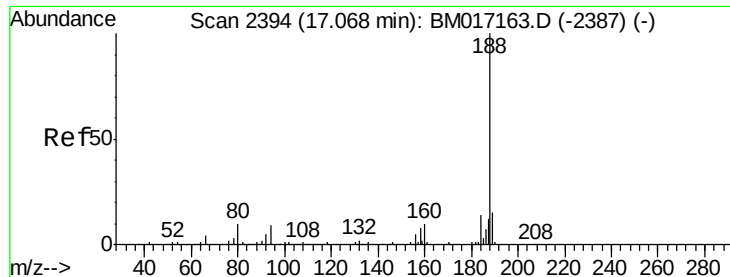
#45
 2-Fluorobiphenyl
 Concen: 78.625 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017268.D
 Acq: 20 Oct 2018 16:51

Tgt Ion:172 Resp: 4615371
 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: BM017268.D

Acq: 20 Oct 2018 16:51

Instrument :

BNA_M

ClientSampleId :

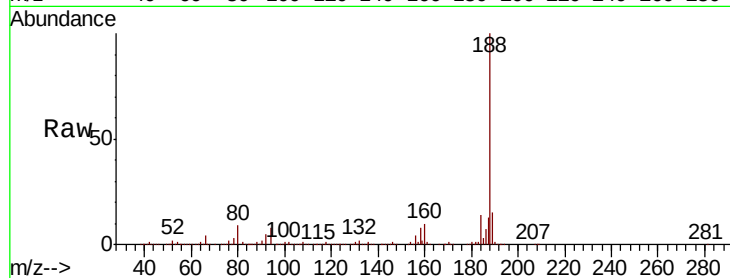
Tot Ion:188 Resp: 1792988

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

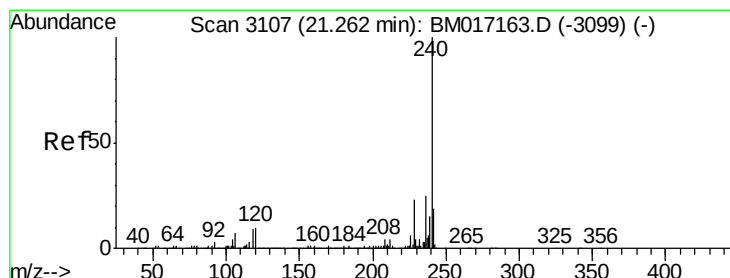
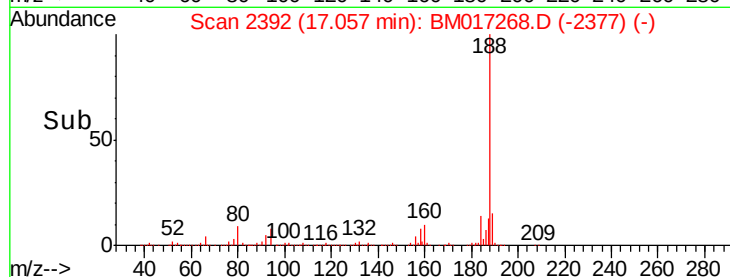
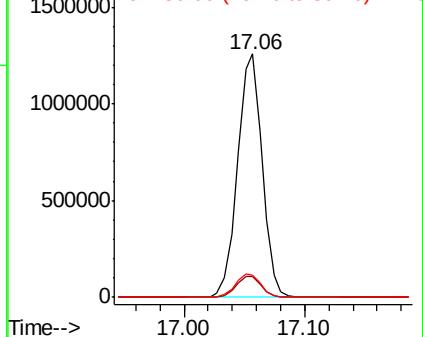
80 9.3 7.7 11.5



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: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017268.D

Acq: 20 Oct 2018 16:51

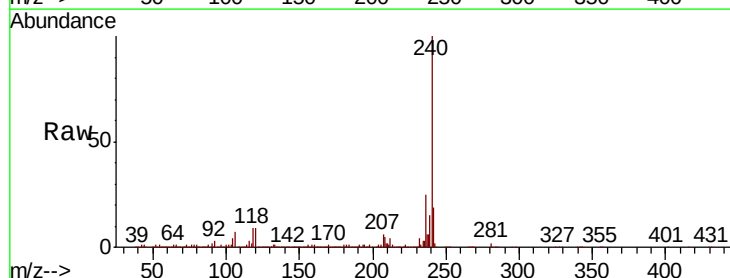
Tgt Ion:240 Resp: 1842601

Ion Ratio Lower Upper

240 100

120 9.5 8.1 12.1

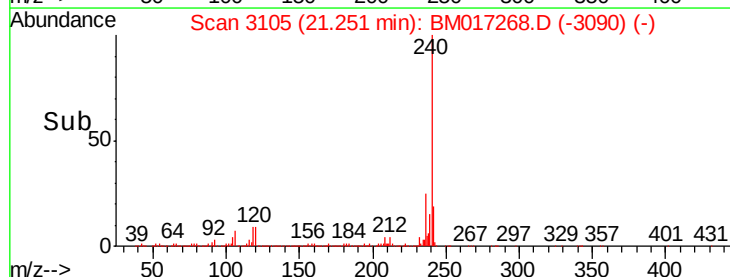
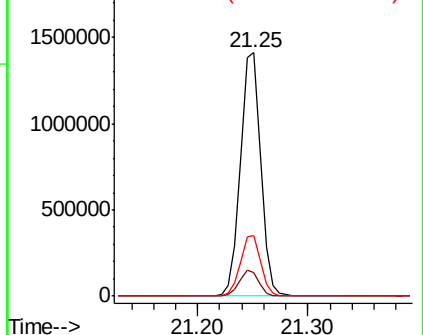
236 25.1 19.9 29.9

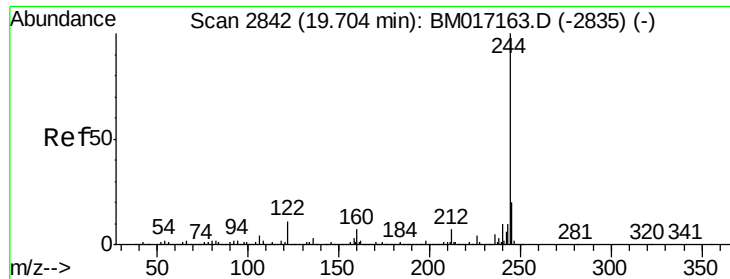


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.293 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017268.D

Acq: 20 Oct 2018 16:51

Instrument :

BNA_M

ClientSampleId :

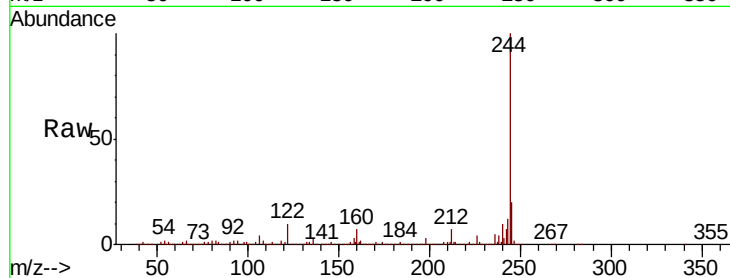
Tot Ion:244 Resp: 7463050

Ion Ratio Lower Upper

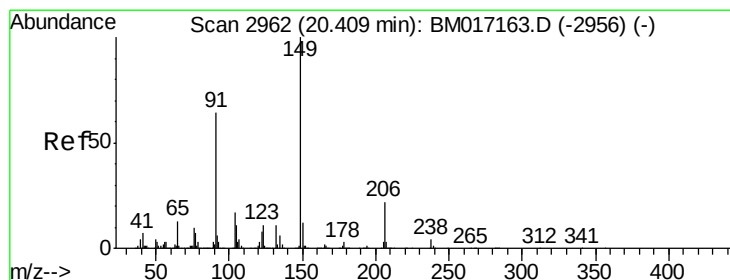
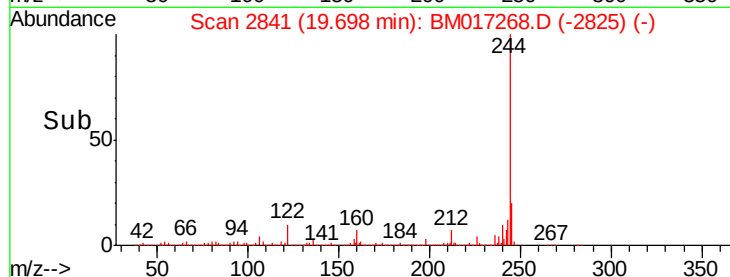
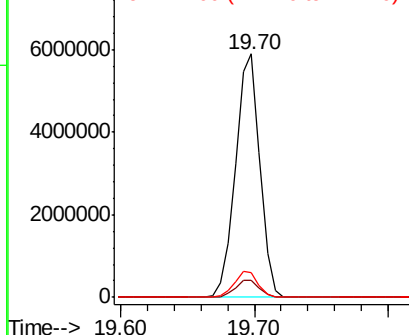
244 100

212 7.2 5.5 8.3

122 10.2 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E
8000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 7.199 ng

RT: 20.40 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BM017268.D

Acq: 20 Oct 2018 16:51

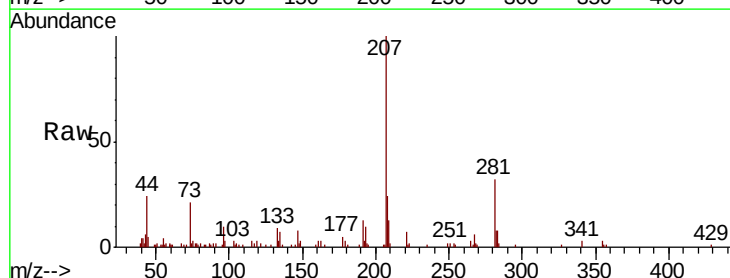
Tgt Ion:149 Resp: 1057

Ion Ratio Lower Upper

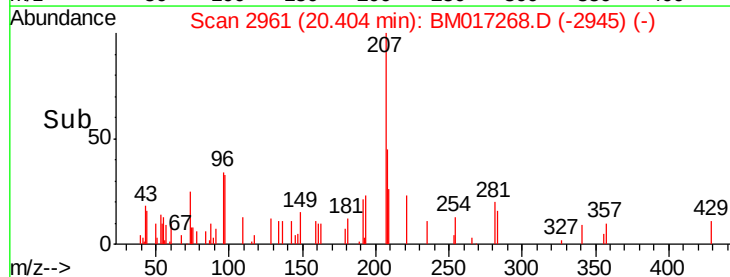
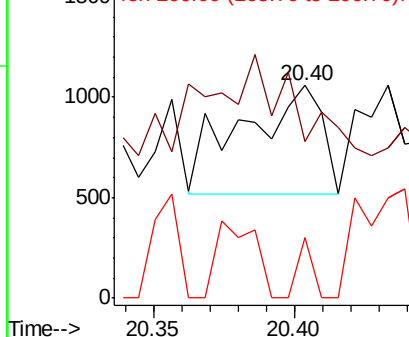
149 100

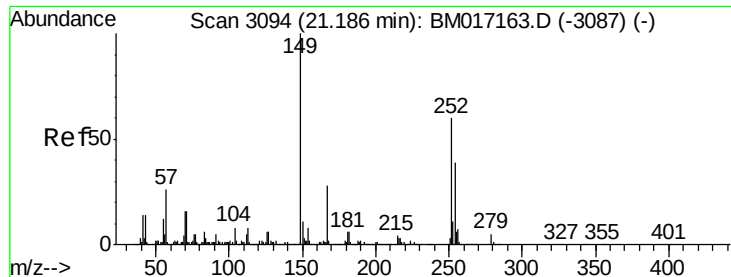
91 73.7 51.3 76.9

206 28.4 18.0 27.0#



Abundance Ion 149.00 (148.70 to 149.70): E
1500
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: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017268.D

Acq: 20 Oct 2018 16:51

Instrument :

BNA_M

ClientSampled :

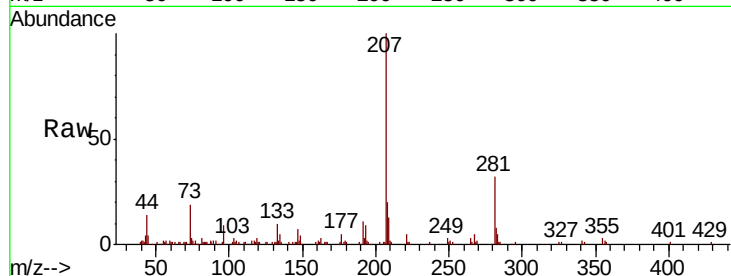
Tot Ion:149 Resp: 1598

Ion Ratio Lower Upper

149 100

167 14.2 22.2 33.4#

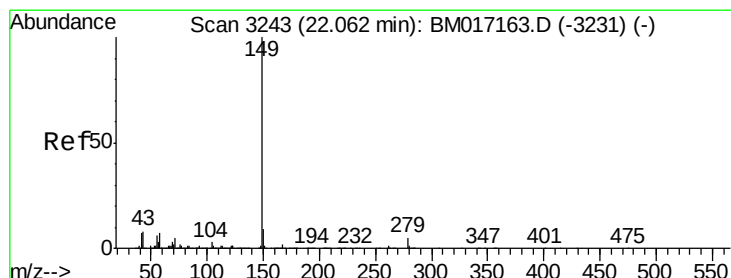
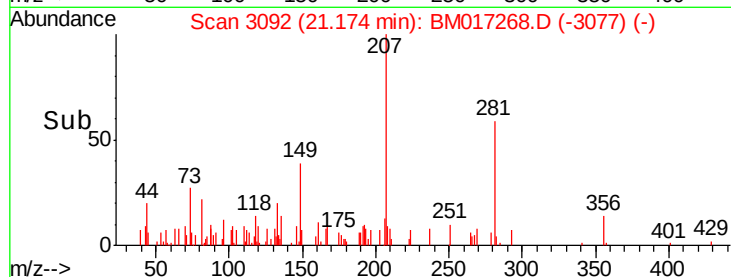
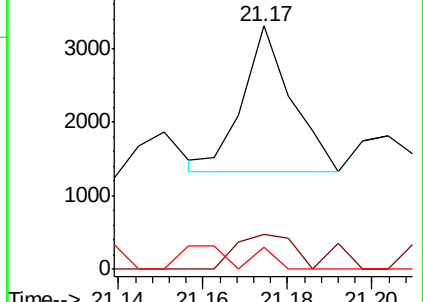
279 9.2 3.6 5.4#



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: 5.579 ng

RT: 22.04 min Scan# 3239

Delta R.T. -0.02 min

Lab File: BM017268.D

Acq: 20 Oct 2018 16:51

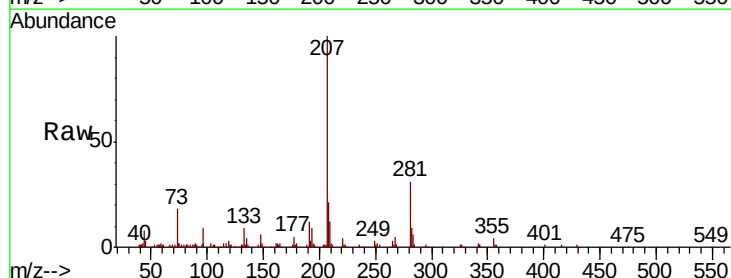
Tgt Ion:149 Resp: 899

Ion Ratio Lower Upper

149 100

167 52.1 1.4 2.0#

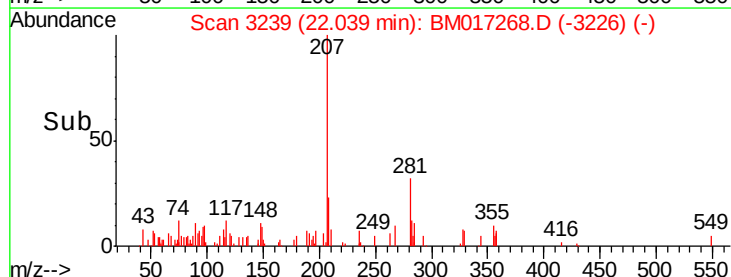
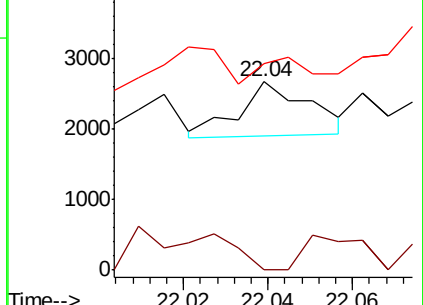
43 0.0 7.2 10.8#

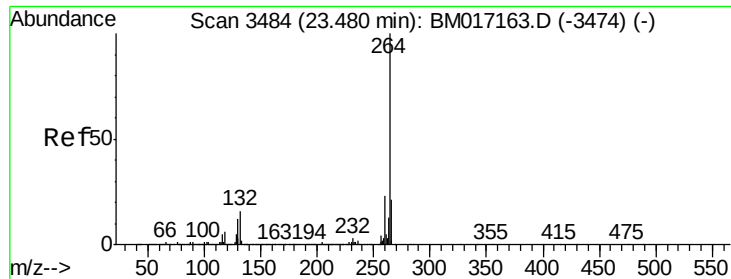


Abundance Ion 149.00 (148.70 to 149.70): E

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: BM017268.D
Acq: 20 Oct 2018 16:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1587693

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	22.3	17.8	26.8

