

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102318\
 Data File : BM017306.D
 Acq On : 24 Oct 2018 07:56
 Operator : MJ/SJ
 Sample : J5623-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 24 09:02:48 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

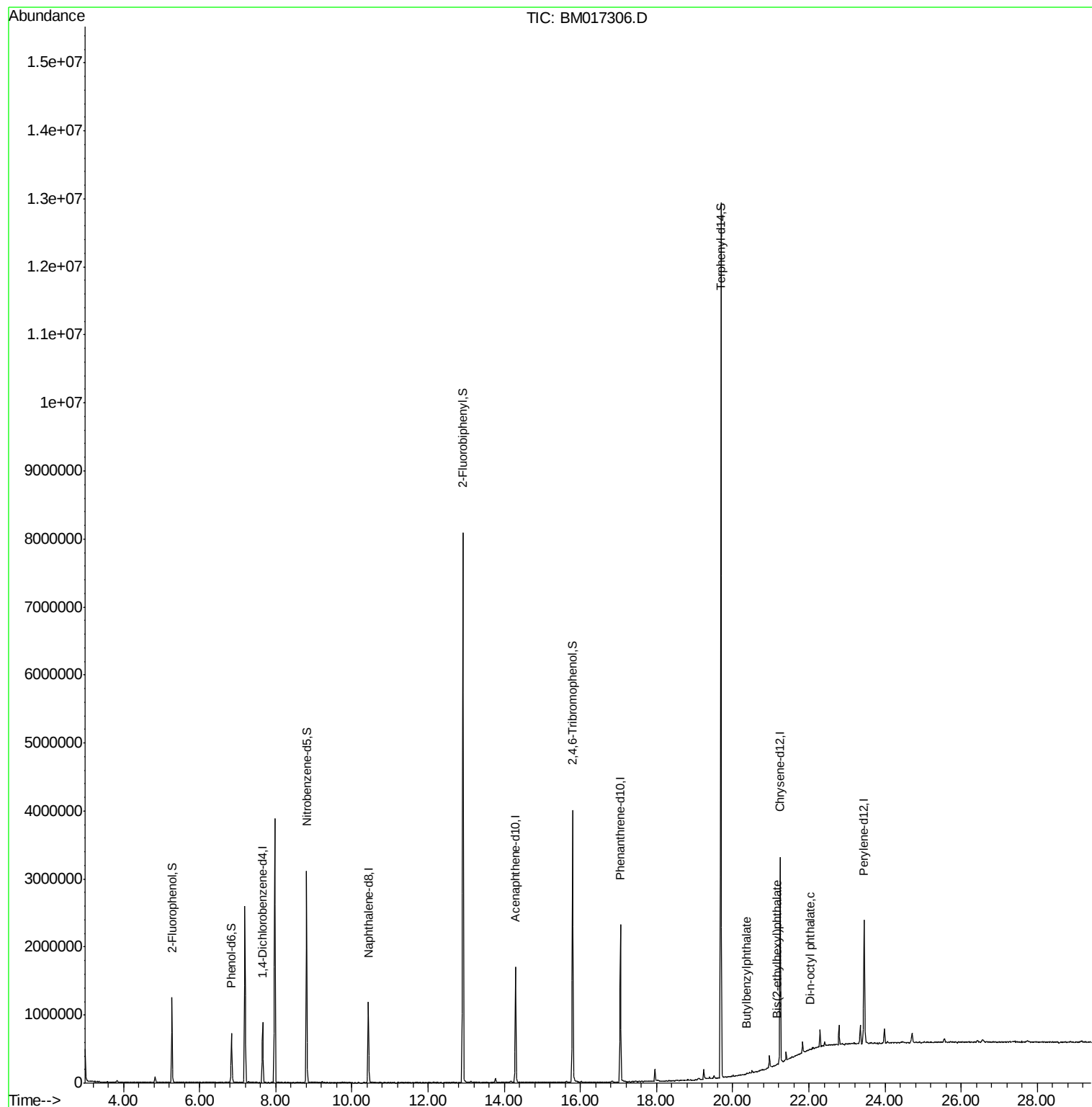
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	236126	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	991774	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	573183	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1367050	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1487549	20.00	ng	-0.02
87) Perylene-d12	23.45	264	1308300	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	536873	38.46	ng	-0.01
7) Phenol-d6	6.84	99	415638	21.86	ng	-0.02
23) Nitrobenzene-d5	8.81	82	1749572	103.17	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	755107	97.41	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	4367560	101.39	ng	-0.02
79) Terphenyl-d14	19.69	244	6099614	92.42	ng	-0.01
Target Compounds						
80) Butylbenzylphthalate	20.37	149	480	7.189	ng	# 75
84) Bis(2-ethylhexyl)phthalate	21.17	149	6217	5.422	ng	# 88
85) Di-n-octyl phthalate	22.04	149	1330	5.586	ng	# 1

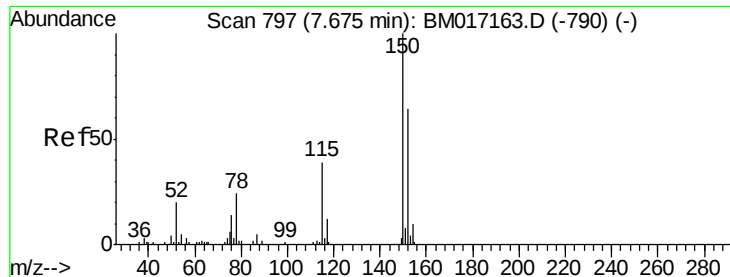
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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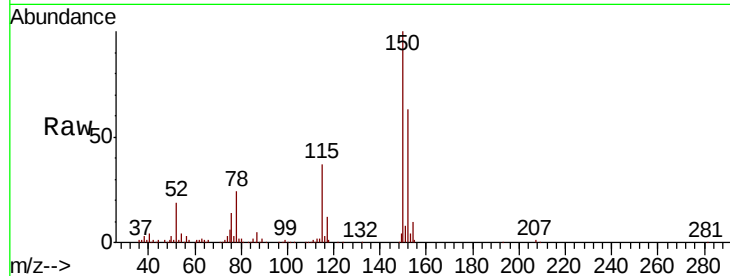


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM017306.D
Acq: 24 Oct 2018 07:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.3	186.5
115	59.2	48.1	72.1

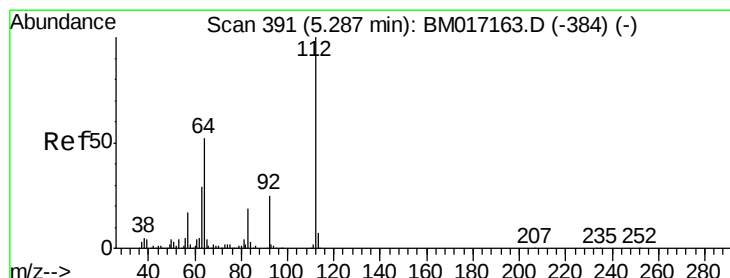
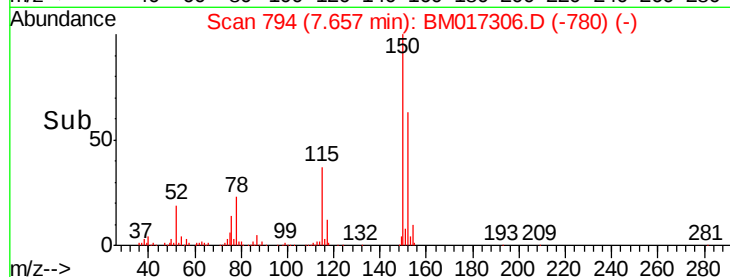
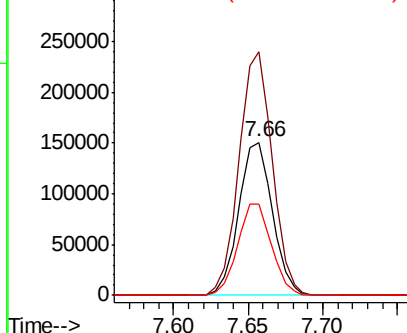


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

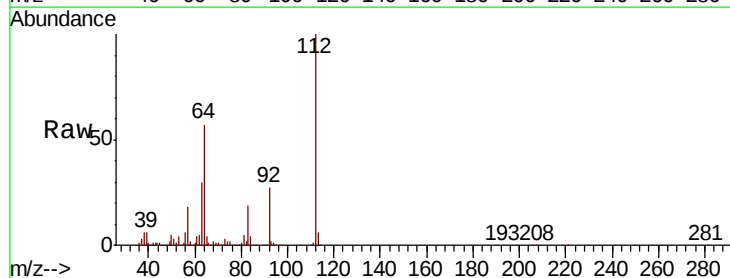
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 38.455 ng
RT: 5.28 min Scan# 389
Delta R.T. -0.01 min
Lab File: BM017306.D
Acq: 24 Oct 2018 07:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	41.7	62.5
63	29.9	23.0	34.4

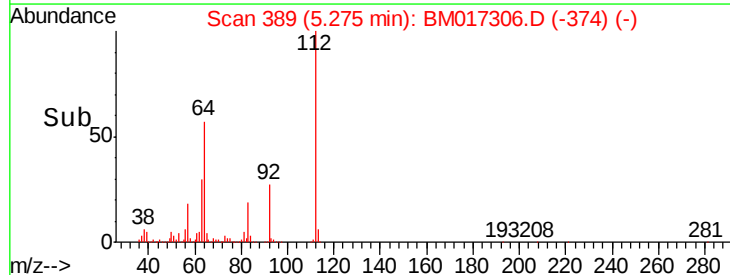
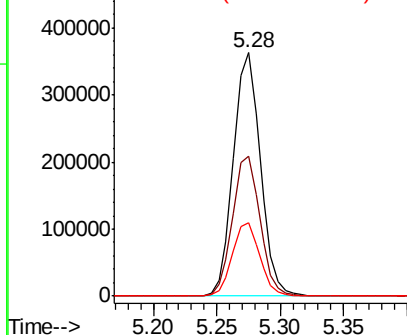


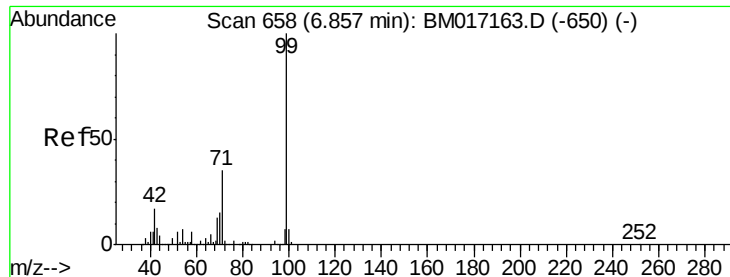
Abundance

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: 21.860 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017306.D

Acq: 24 Oct 2018 07:56

Instrument :

BNA_M

ClientSampleId :

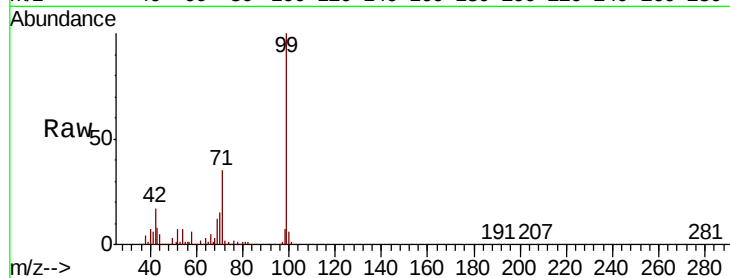
Tot Ion: 99 Resp: 415638

Ion Ratio Lower Upper

99 100

42 16.6 13.3 19.9

71 35.0 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) (-)

300000

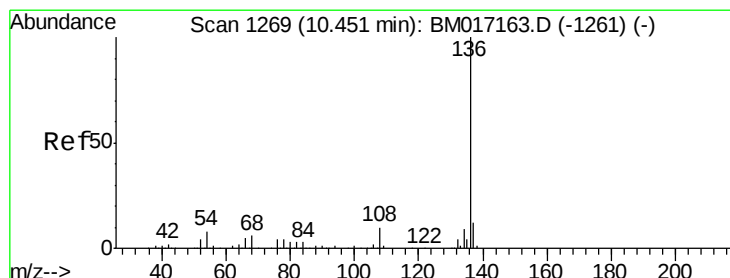
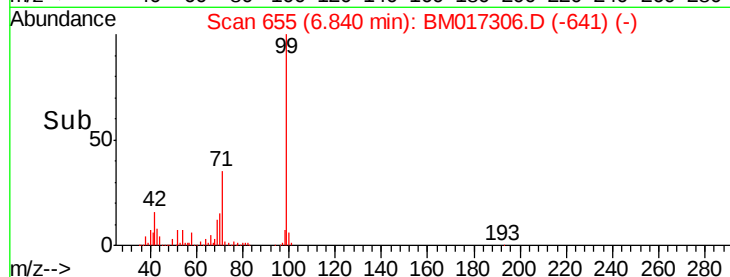
200000

100000

0

6.75 6.80 6.85 6.90 6.95

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM017306.D

Acq: 24 Oct 2018 07:56

Tgt Ion: 136 Resp: 991774

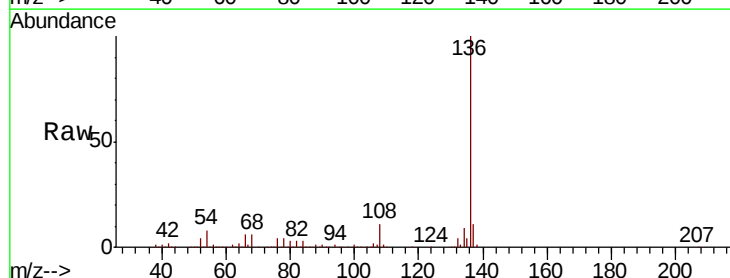
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 7.7 6.7 10.1

68 5.7 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) (-)

800000

600000

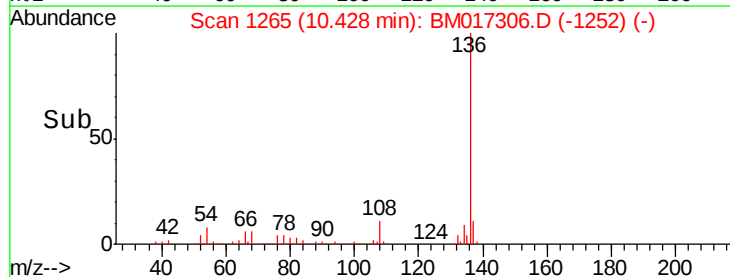
400000

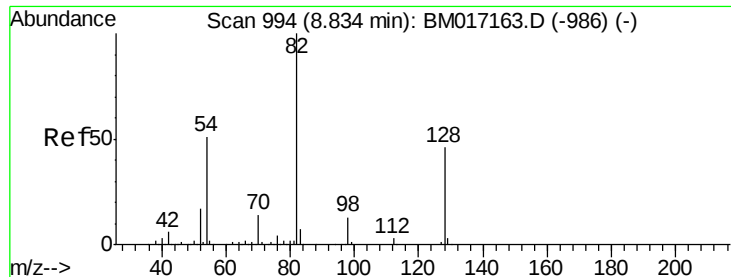
200000

0

10.40 10.45 10.50

Time-->



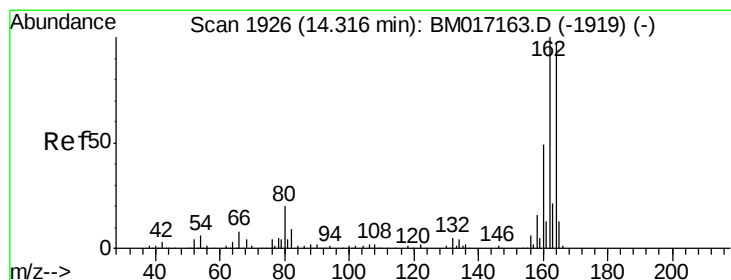
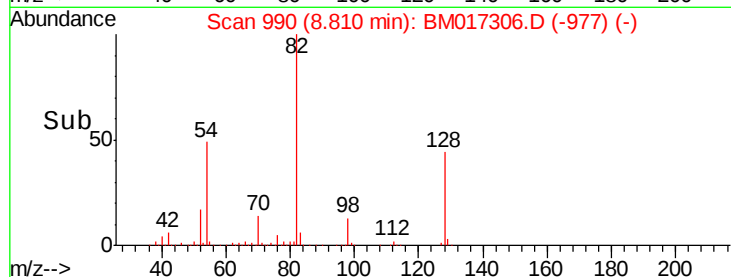
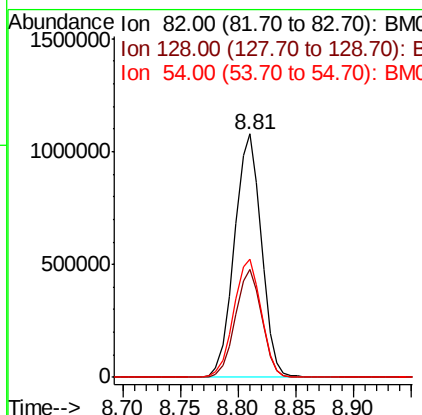
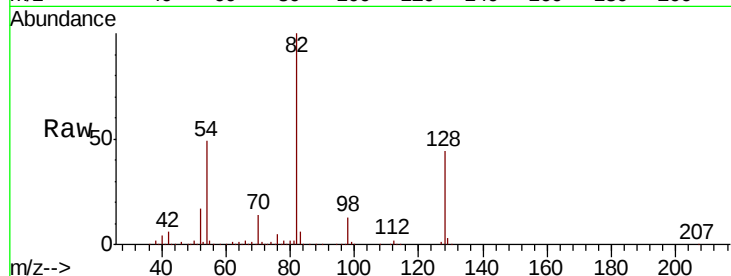


#23
 Nitrobenzene-d5
 Concen: 103.174 ng
 RT: 8.81 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BM017306.D
 Acq: 24 Oct 2018 07:56

Instrument :
 BNA_M
 ClientSampleID :

Tot Ion: 82 Resp: 1749572

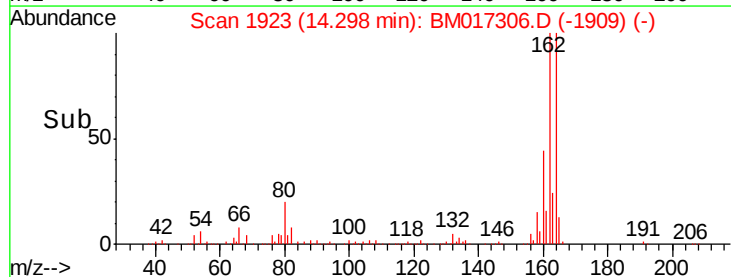
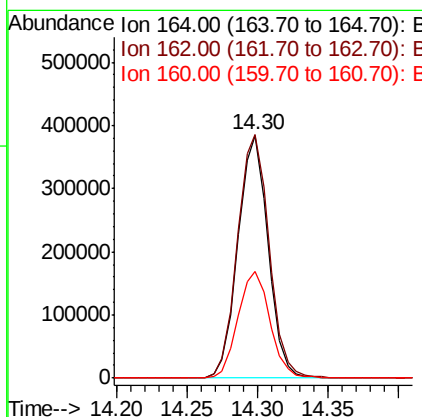
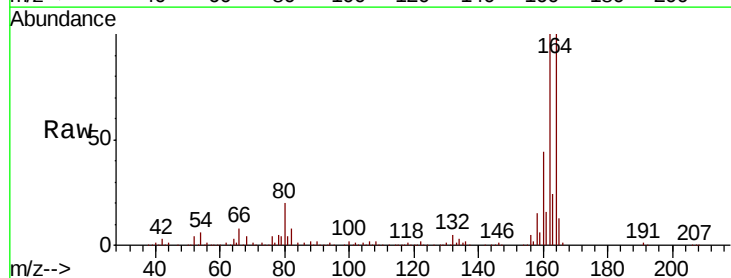
Ion	Ratio	Lower	Upper
82	100		
128	44.4	37.0	55.6
54	48.6	40.7	61.1

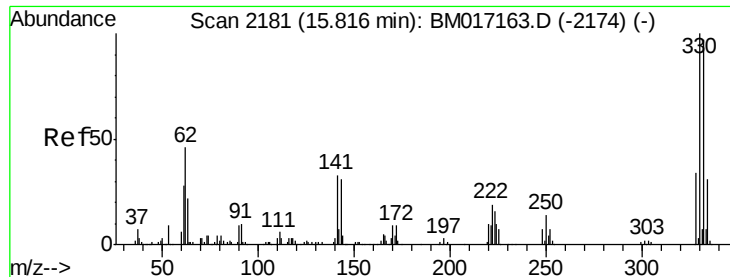


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.02 min
 Lab File: BM017306.D
 Acq: 24 Oct 2018 07:56

Tgt Ion:164 Resp: 573183

Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.1	123.1
160	43.8	40.2	60.2

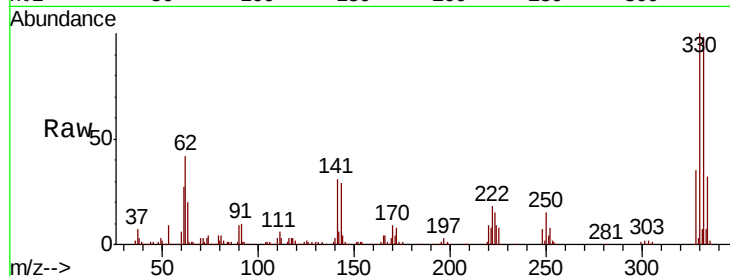




#42
 2,4,6-Tribromophenol
 Concen: 97.415 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BM017306.D
 Acq: 24 Oct 2018 07:56

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	33.9	27.4	41.0

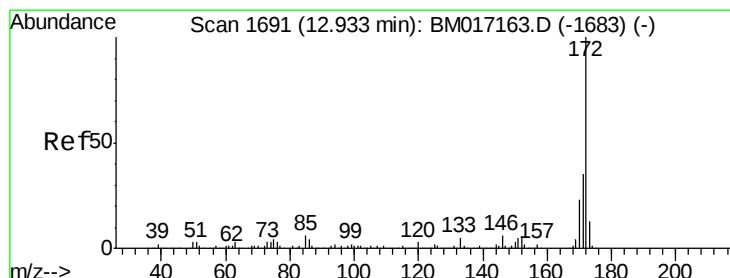
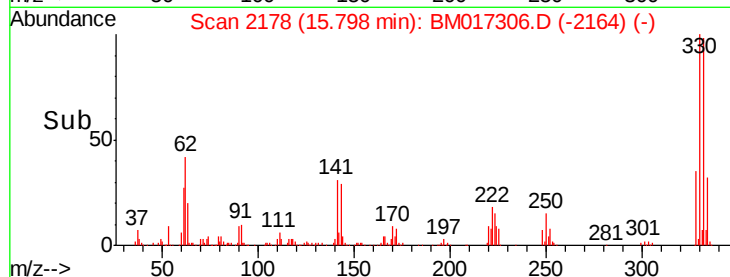
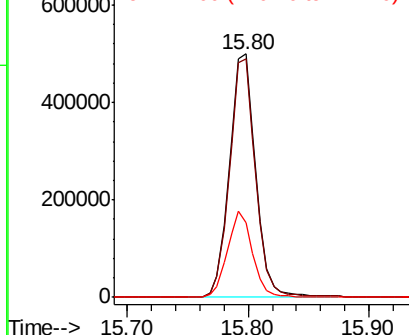


Abundance

Ion 329.80 (329.50 to 330.50): E

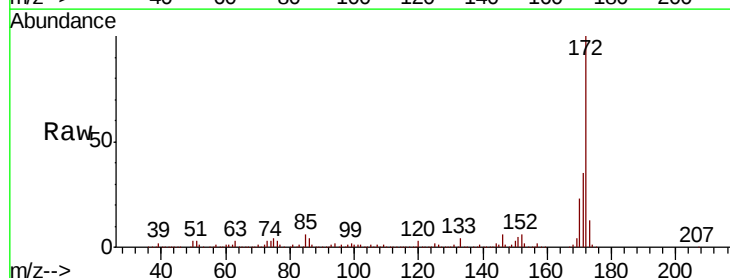
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 101.385 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM017306.D
 Acq: 24 Oct 2018 07:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	22.8	18.3	27.5

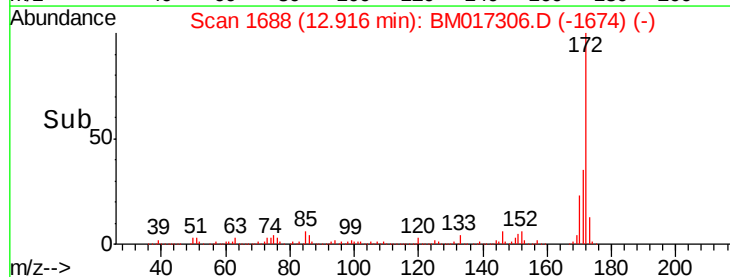
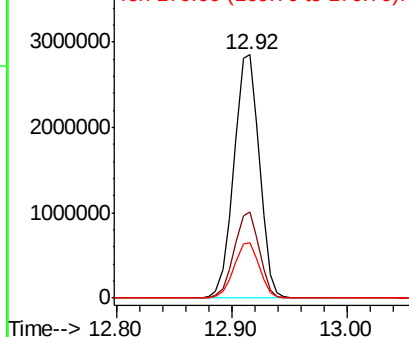


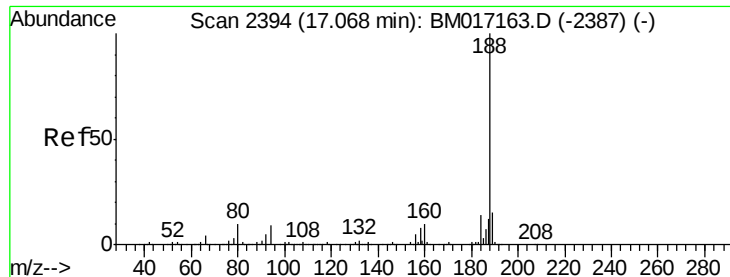
Abundance

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: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BM017306.D

Acq: 24 Oct 2018 07:56

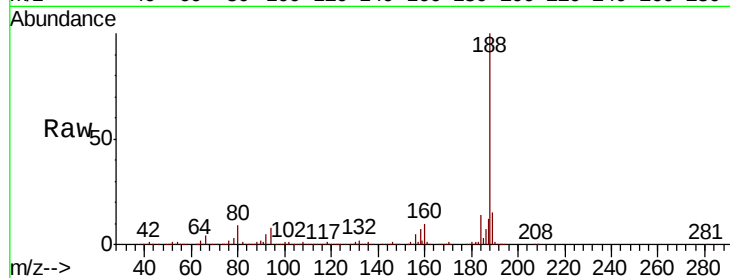
Instrument :

BNA_M

ClientSampleId :

Tot Ion:188 Resp: 1367050

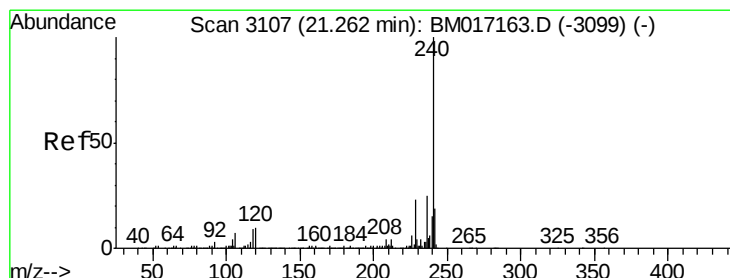
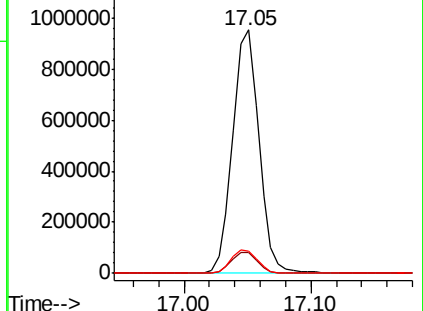
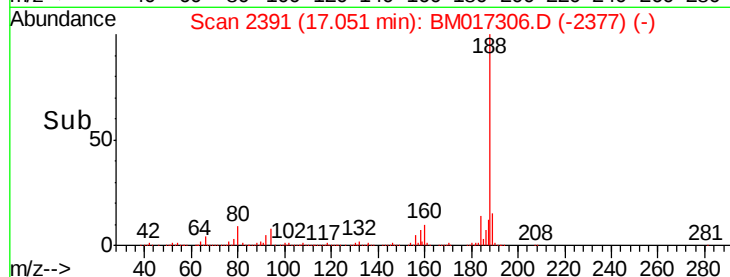
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.4
80	9.3	7.7	11.5



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: 21.24 min Scan# 3104

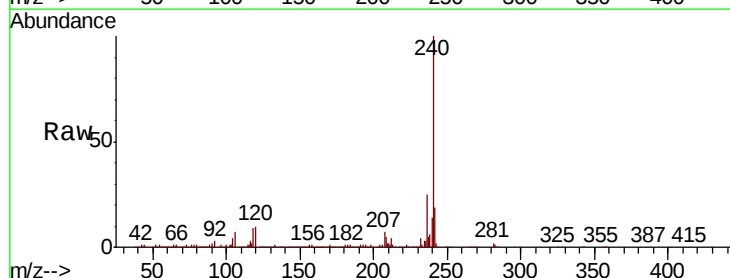
Delta R.T. -0.02 min

Lab File: BM017306.D

Acq: 24 Oct 2018 07:56

Tgt Ion:240 Resp: 1487549

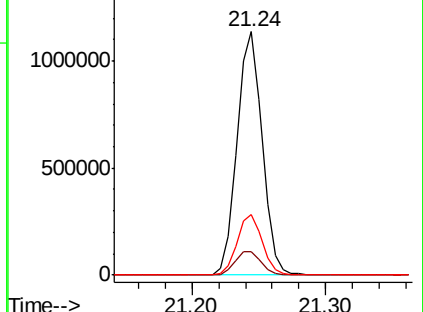
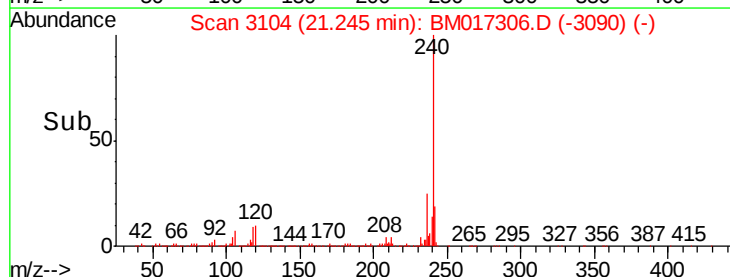
Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.1	12.1
236	25.0	19.9	29.9

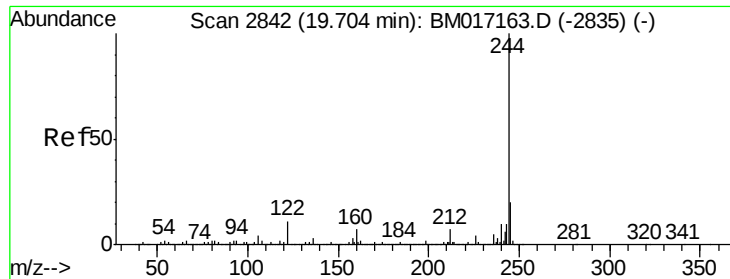


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.424 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017306.D

Acq: 24 Oct 2018 07:56

Instrument :

BNA_M

ClientSampleId :

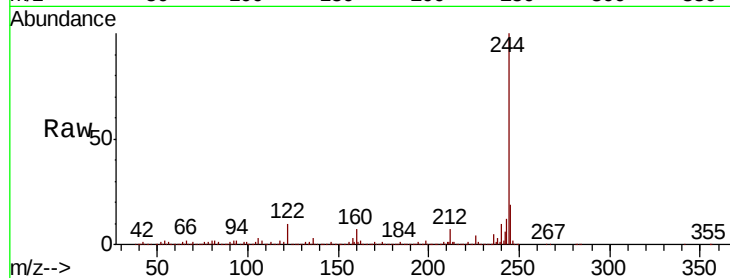
Tot Ion:244 Resp: 6099614

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

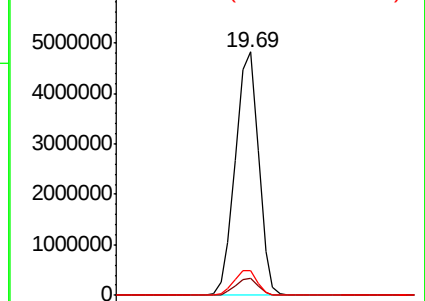
122 10.0 8.4 12.6



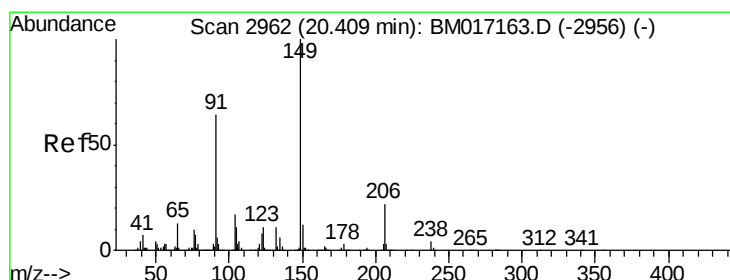
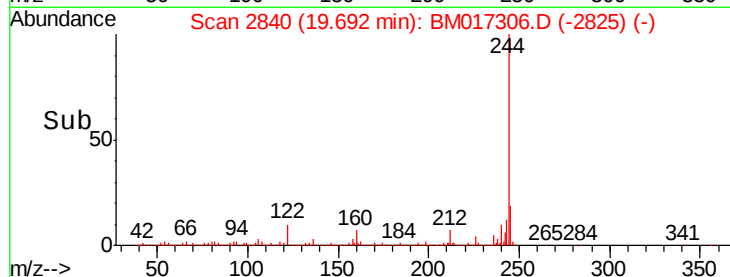
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.60 19.70 19.80



#80

Butylbenzylphthalate

Concen: 7.189 ng

RT: 20.37 min Scan# 2956

Delta R.T. -0.03 min

Lab File: BM017306.D

Acq: 24 Oct 2018 07:56

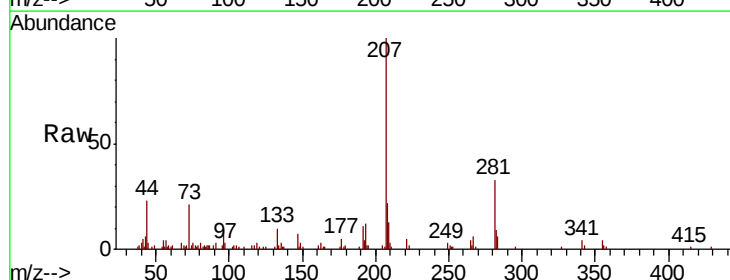
Tgt Ion:149 Resp: 480

Ion Ratio Lower Upper

149 100

91 78.6 51.3 76.9#

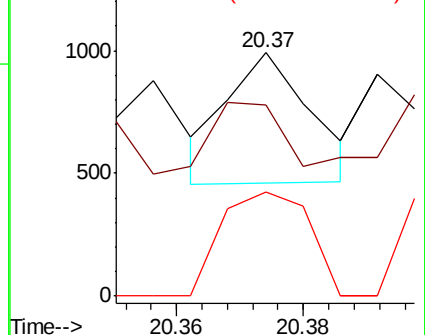
206 42.8 18.0 27.0#



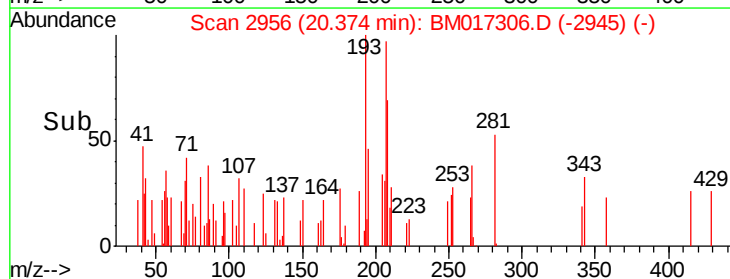
Abundance Ion 149.00 (148.70 to 149.70): E

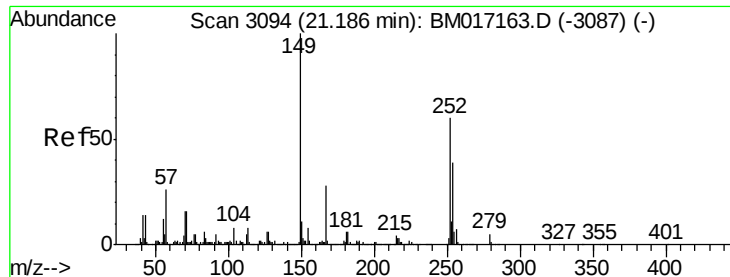
Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



Time--> 20.36 20.38

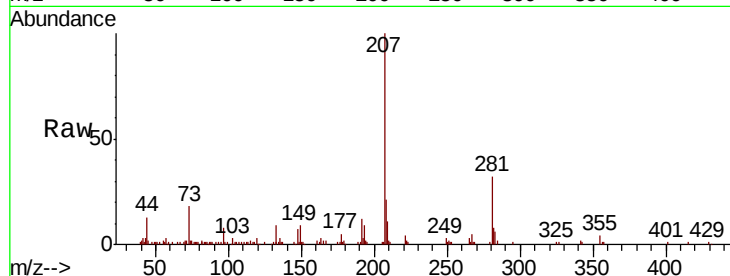




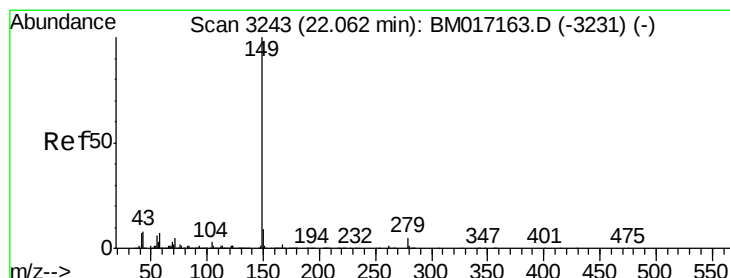
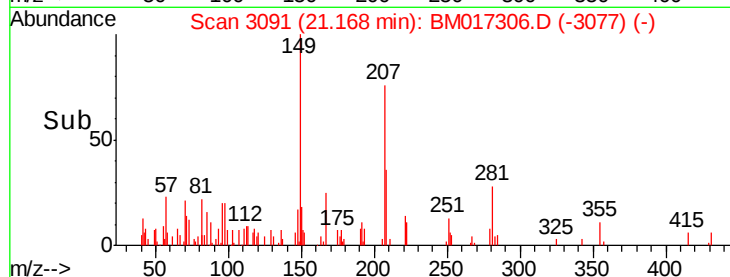
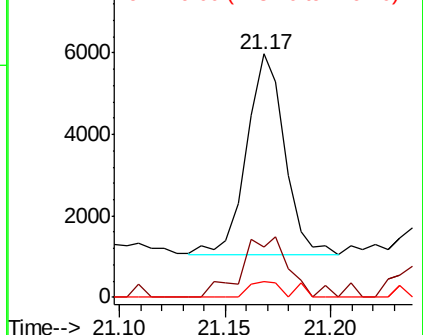
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.422 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.02 min
 Lab File: BM017306.D
 Acq: 24 Oct 2018 07:56

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:149 Resp: 6217
 Ion Ratio Lower Upper
 149 100
 167 20.8 22.2 33.4#
 279 6.5 3.6 5.4#

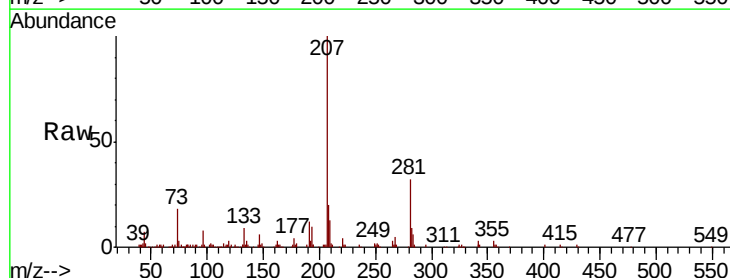


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

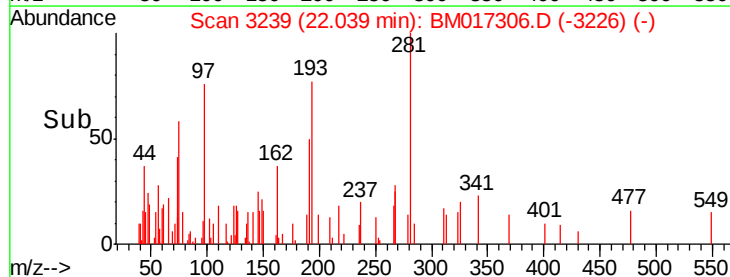
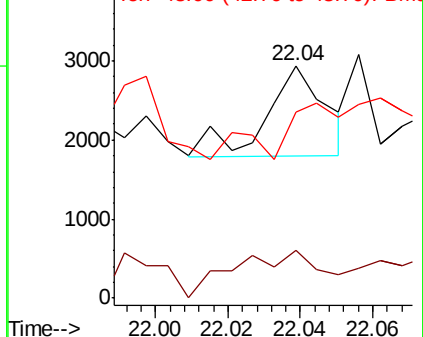


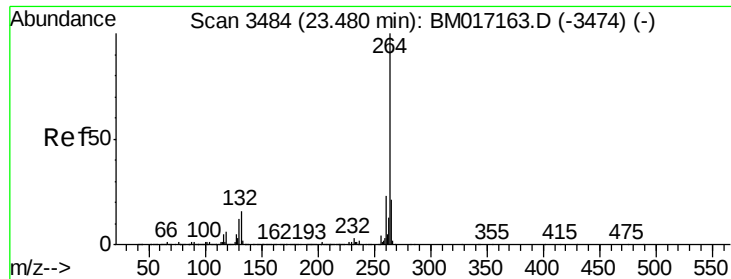
#85
 Di-n-octyl phthalate
 Concen: 5.586 ng
 RT: 22.04 min Scan# 3239
 Delta R.T. -0.02 min
 Lab File: BM017306.D
 Acq: 24 Oct 2018 07:56

Tgt Ion:149 Resp: 1330
 Ion Ratio Lower Upper
 149 100
 167 76.8 1.4 2.0#
 43 65.6 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: 23.45 min Scan# 3479
 Delta R.T. -0.03 min
 Lab File: BM017306.D
 Acq: 24 Oct 2018 07:56

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 1308300
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.6 27.8
 265 21.4 17.8 26.8

