

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102318\
 Data File : BM017305.D
 Acq On : 24 Oct 2018 07:20
 Operator : MJ/SJ
 Sample : J5623-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 24 09:02:40 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

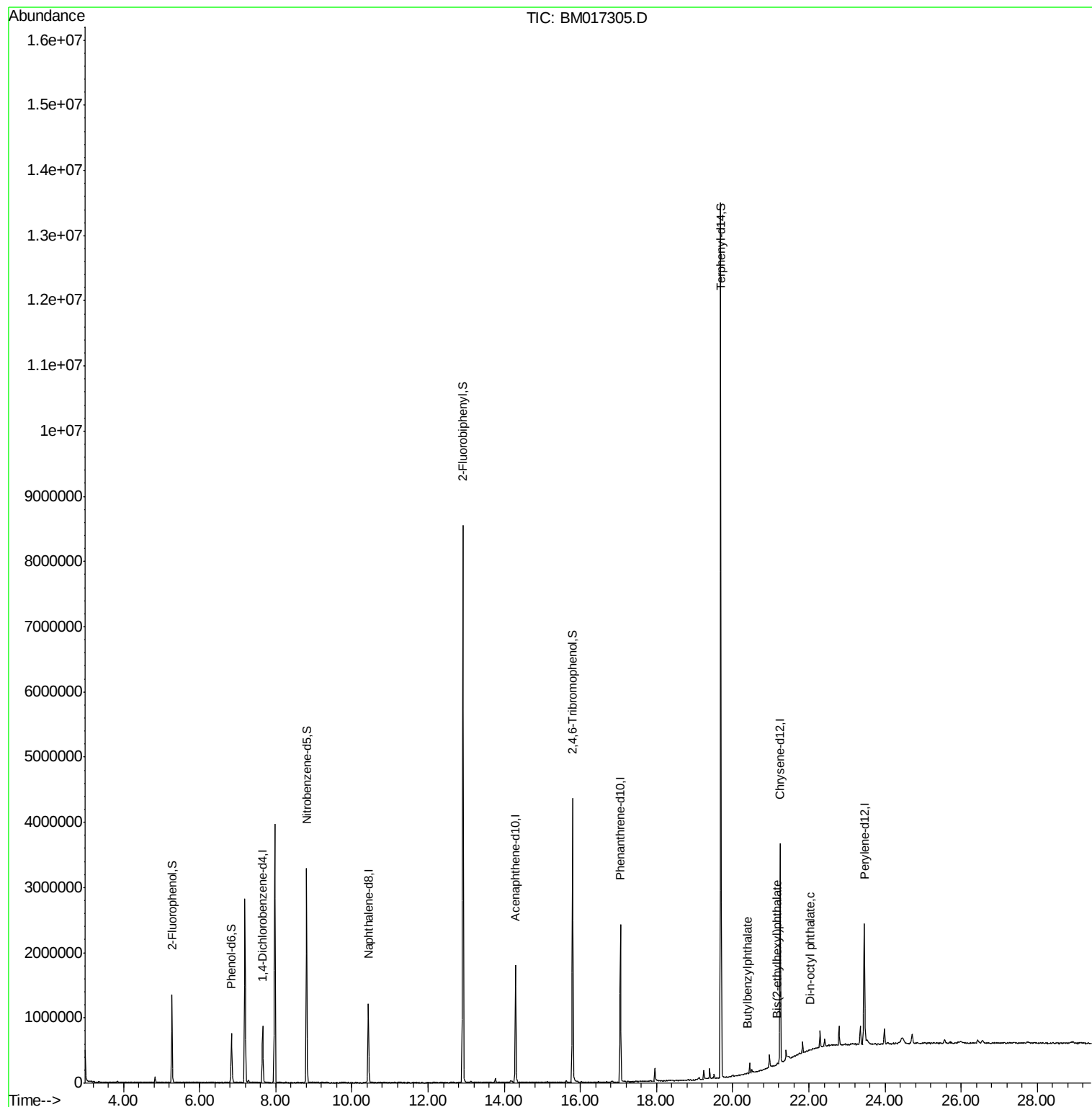
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	239643	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1000369	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	573840	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1375271	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1550548	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1376769	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	569262	40.18	ng	-0.01
7) Phenol-d6	6.83	99	437309	22.66	ng	-0.02
23) Nitrobenzene-d5	8.81	82	1851552	108.25	ng	-0.02
42) 2,4,6-Tribromophenol	15.79	330	842316	108.54	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	4519876	104.80	ng	-0.02
79) Terphenyl-d14	19.69	244	6444918	93.69	ng	-0.01
Target Compounds						
80) Butylbenzylphthalate	20.39	149	512	7.189	ng	# 54
84) Bis(2-ethylhexyl)phthalate	21.17	149	8535	5.458	ng	# 94
85) Di-n-octyl phthalate	22.05	149	2360	5.596	ng	# 1

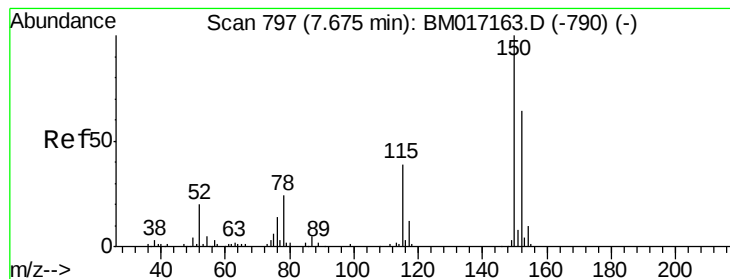
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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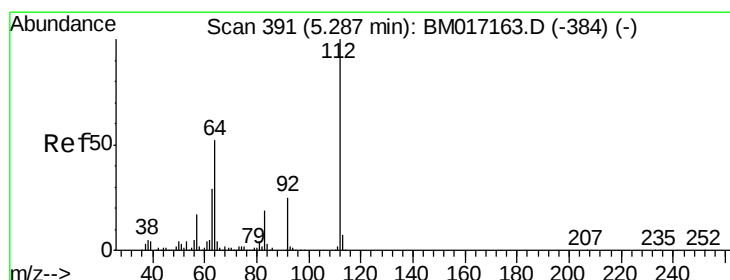
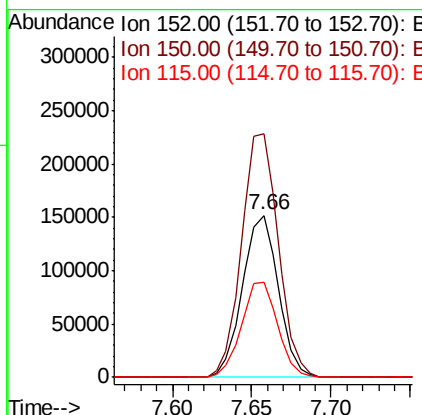
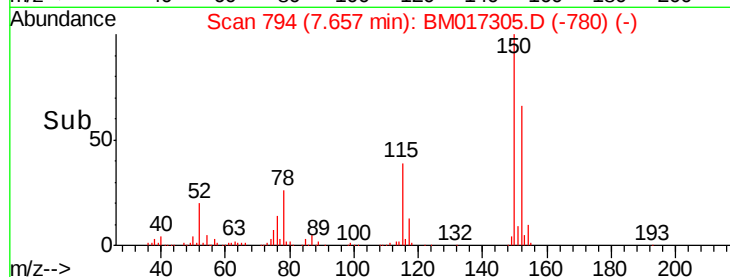
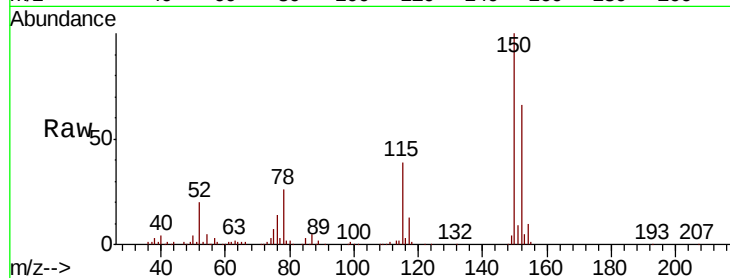


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM017305.D
Acq: 24 Oct 2018 07:20

Instrument :
BNA_M
ClientSampleId :

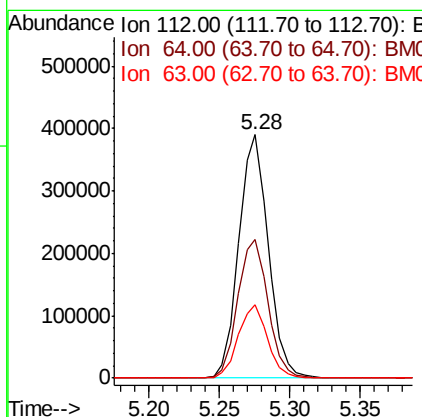
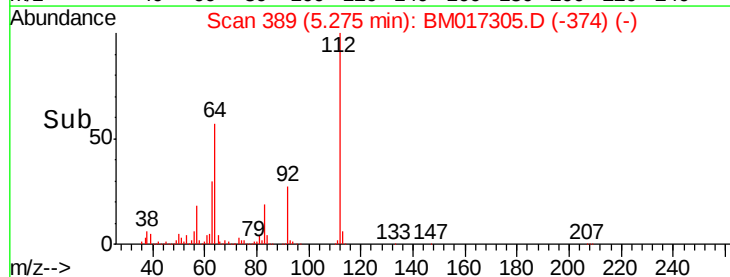
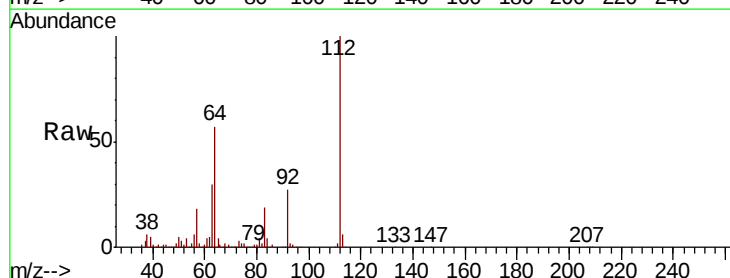
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	124.3	186.5
115	59.1	48.1	72.1

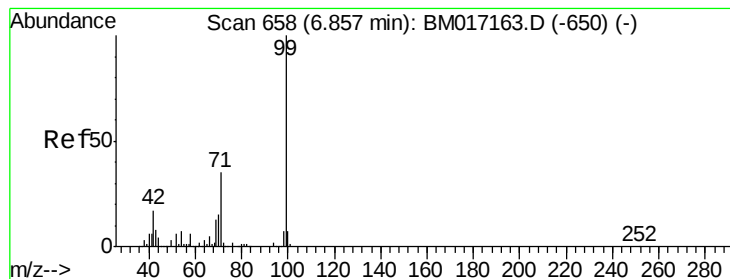


#5

2-Fluorophenol
Concen: 40.177 ng
RT: 5.28 min Scan# 389
Delta R.T. -0.01 min
Lab File: BM017305.D
Acq: 24 Oct 2018 07:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	41.7	62.5
63	30.0	23.0	34.4





#7

Phenol-d6

Concen: 22.662 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BM017305.D

Acq: 24 Oct 2018 07:20

Instrument :

BNA_M

ClientSampleId :

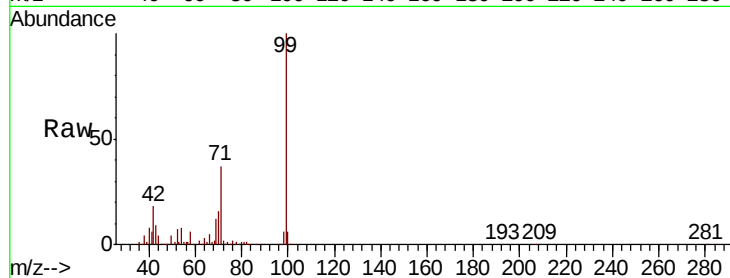
Tot Ion: 99 Resp: 437309

Ion Ratio Lower Upper

99 100

42 17.7 13.3 19.9

71 36.8 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

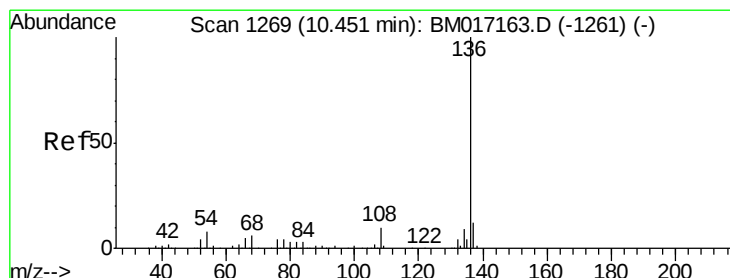
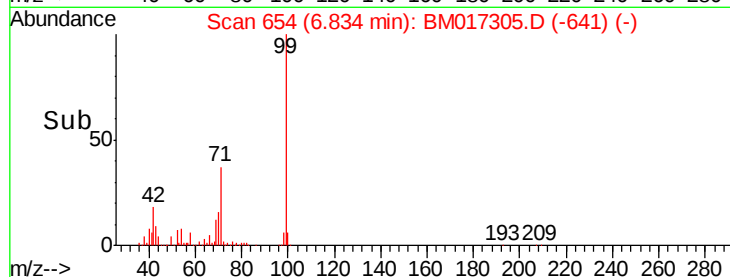
200000

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: BM017305.D

Acq: 24 Oct 2018 07:20

Tgt Ion: 136 Resp: 1000369

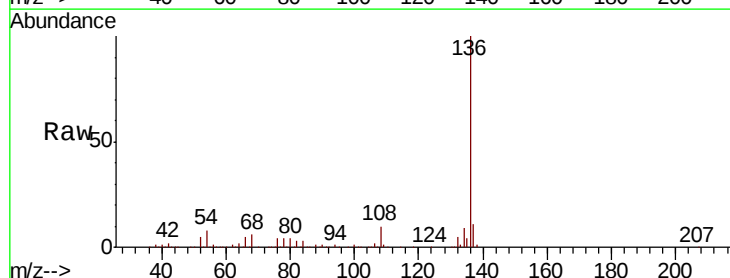
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 7.9 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

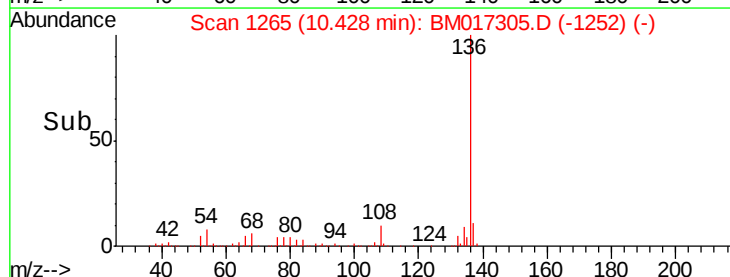
400000

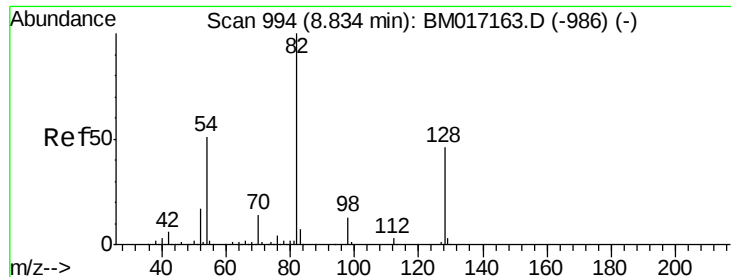
200000

0

10.40 10.45 10.50

Time-->

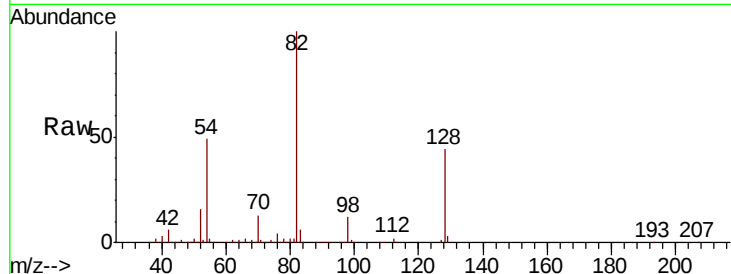




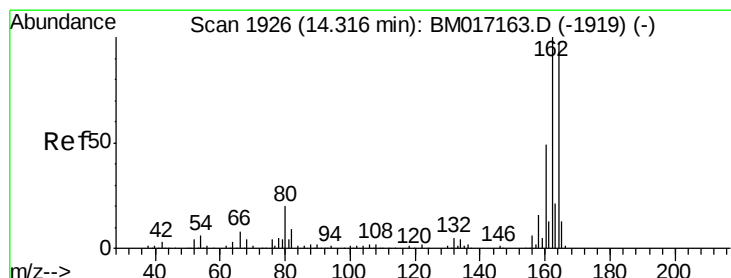
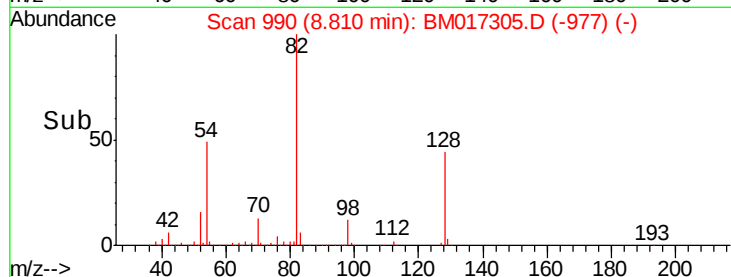
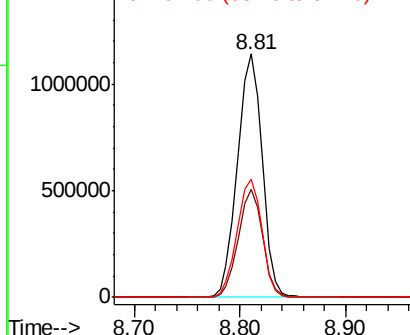
#23
Nitrobenzene-d5
Concen: 108.249 ng
RT: 8.81 min Scan# 990
Delta R.T. -0.02 min
Lab File: BM017305.D
Acq: 24 Oct 2018 07:20

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 1851552
Ion Ratio Lower Upper
82 100
128 44.5 37.0 55.6
54 48.5 40.7 61.1

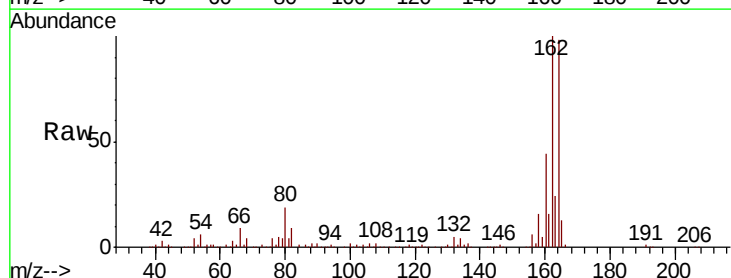


Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-986) (-)
Ion 128.00 (127.70 to 128.70): BM017163.D (-986) (-)
Ion 54.00 (53.70 to 54.70): BM017163.D (-986) (-)

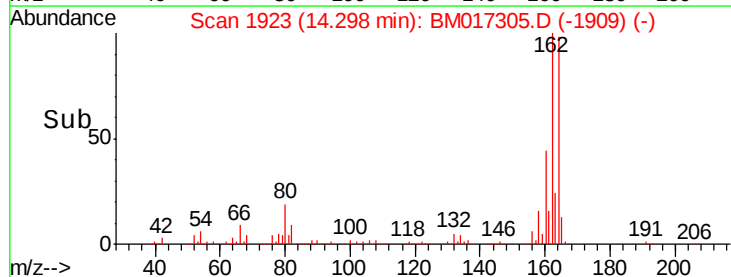
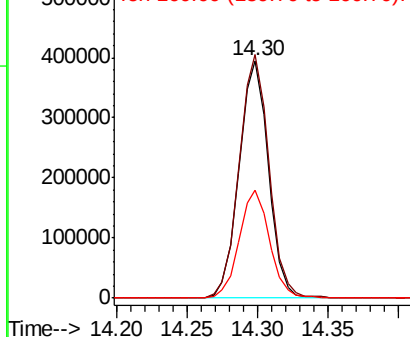


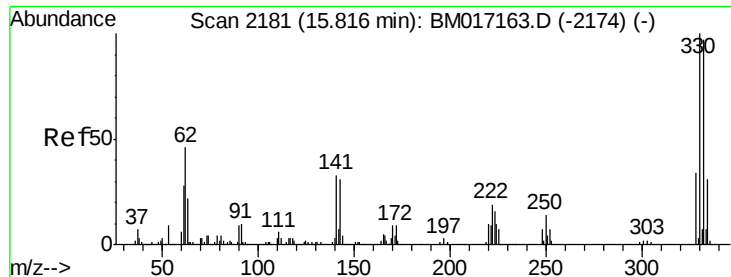
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.02 min
Lab File: BM017305.D
Acq: 24 Oct 2018 07:20

Tgt Ion:164 Resp: 573840
Ion Ratio Lower Upper
164 100
162 102.5 82.1 123.1
160 45.5 40.2 60.2



Abundance Ion 164.00 (163.70 to 164.70): BM017163.D (-1919) (-)
Ion 162.00 (161.70 to 162.70): BM017163.D (-1919) (-)
Ion 160.00 (159.70 to 160.70): BM017163.D (-1919) (-)

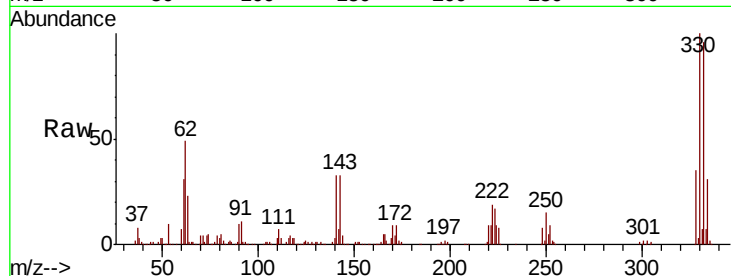




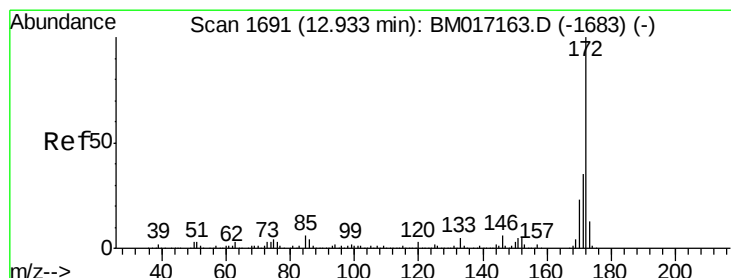
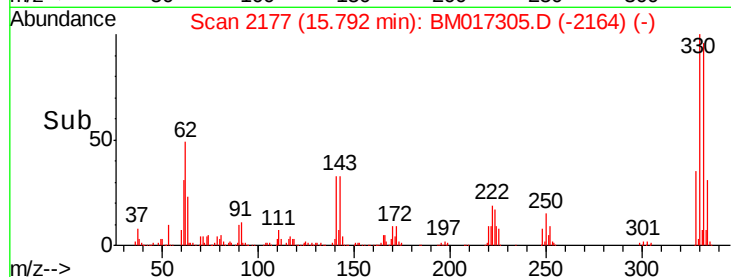
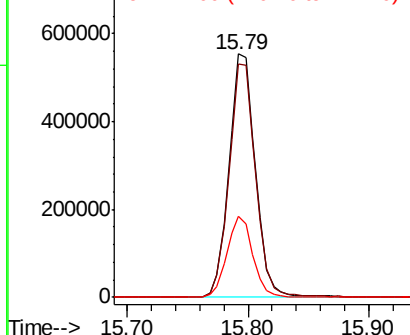
#42
 2,4,6-Tribromophenol
 Concen: 108.541 ng
 RT: 15.79 min Scan# 2177
 Delta R.T. -0.02 min
 Lab File: BM017305.D
 Acq: 24 Oct 2018 07:20

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	32.8	27.4	41.0

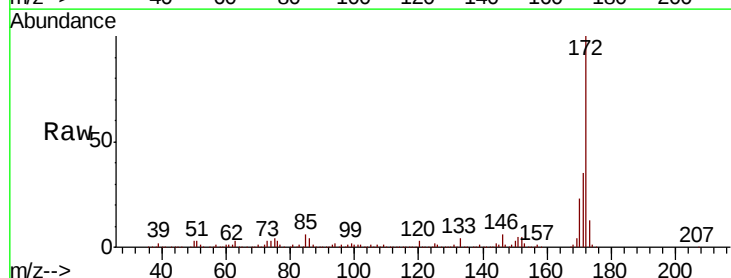


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

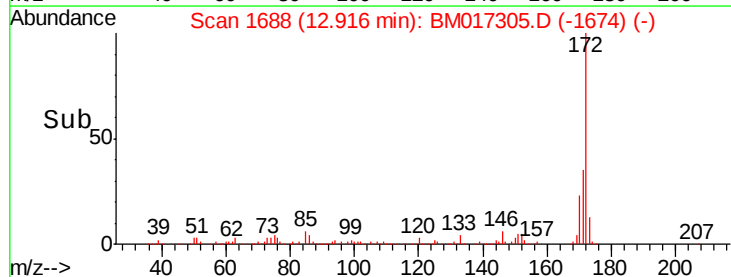
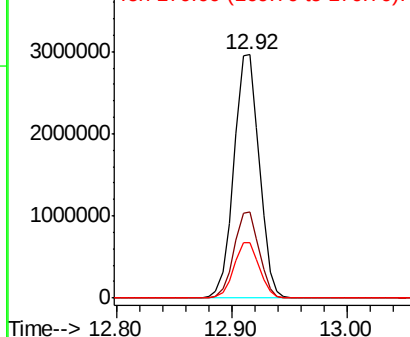


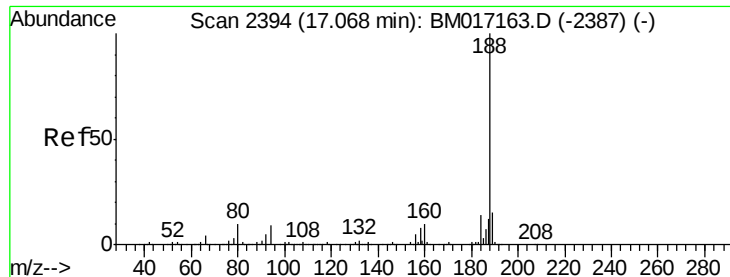
#45
 2-Fluorobiphenyl
 Concen: 104.801 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM017305.D
 Acq: 24 Oct 2018 07:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	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

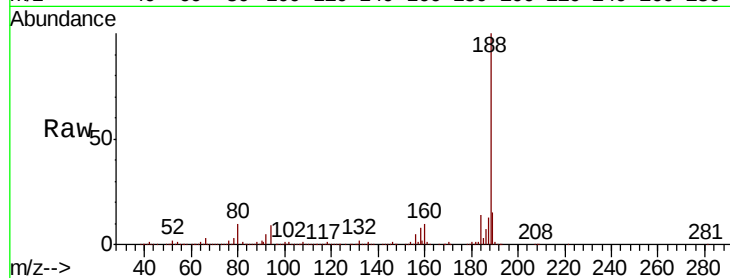




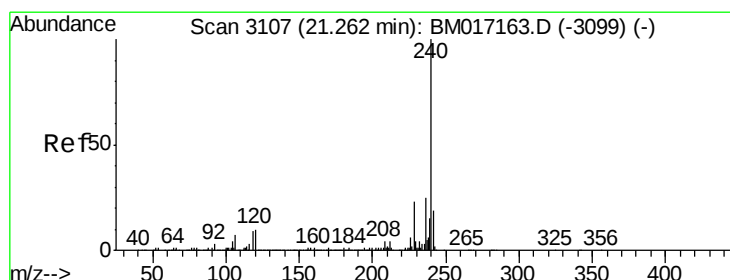
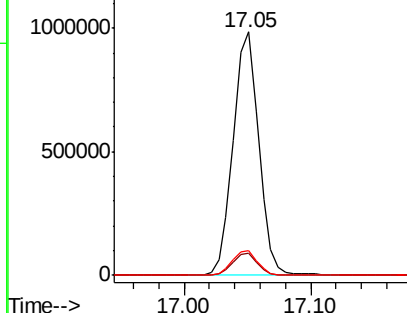
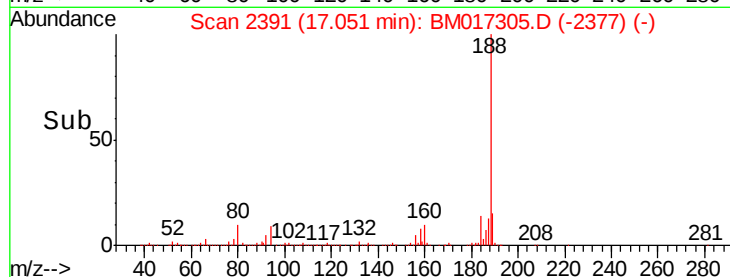
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM017305.D
Acq: 24 Oct 2018 07:20

Instrument :
BNA_M
ClientSampled :

Tot Ion:188 Resp: 1375271
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 10.3 7.7 11.5

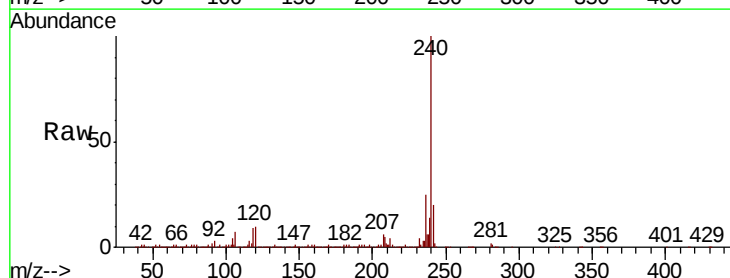


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

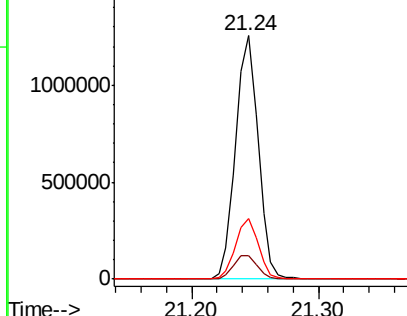
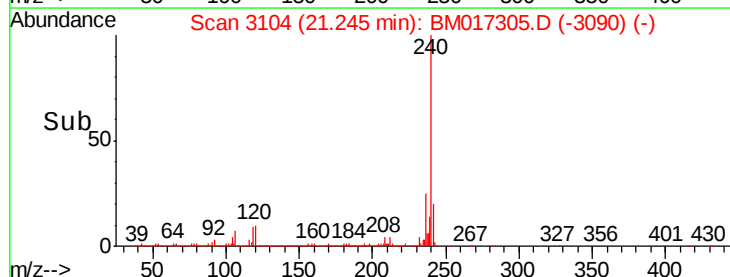


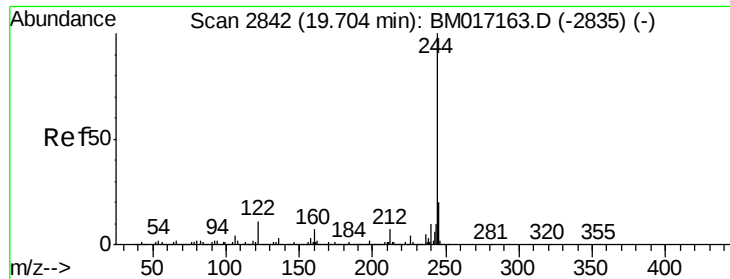
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BM017305.D
Acq: 24 Oct 2018 07:20

Tgt Ion:240 Resp: 1550548
Ion Ratio Lower Upper
240 100
120 9.8 8.1 12.1
236 24.8 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: 93.689 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017305.D

Acq: 24 Oct 2018 07:20

Instrument :

BNA_M

ClientSampleId :

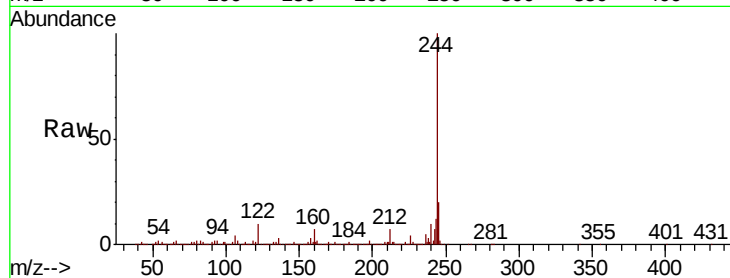
Tot Ion:244 Resp: 6444918

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

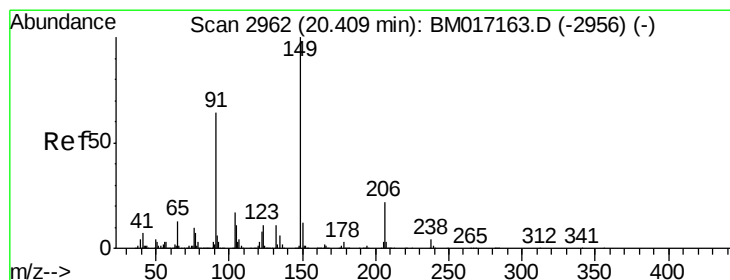
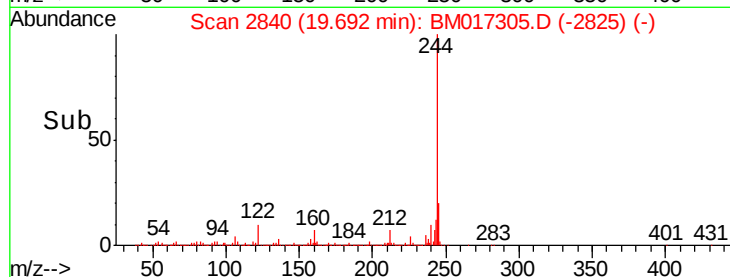
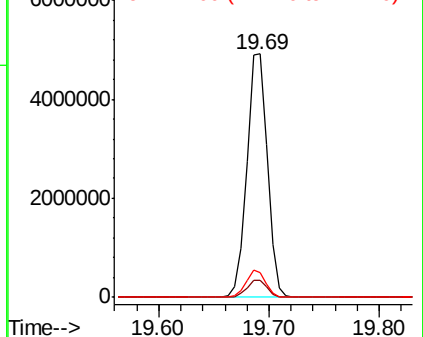
122 10.3 8.4 12.6



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: 7.189 ng

RT: 20.39 min Scan# 2958

Delta R.T. -0.02 min

Lab File: BM017305.D

Acq: 24 Oct 2018 07:20

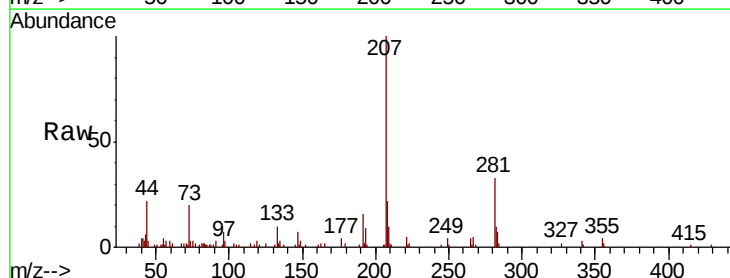
Tgt Ion:149 Resp: 512

Ion Ratio Lower Upper

149 100

91 104.2 51.3 76.9#

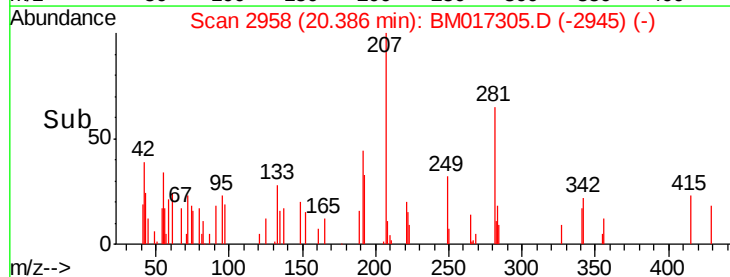
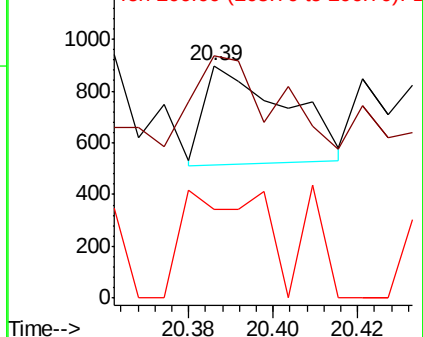
206 38.1 18.0 27.0#

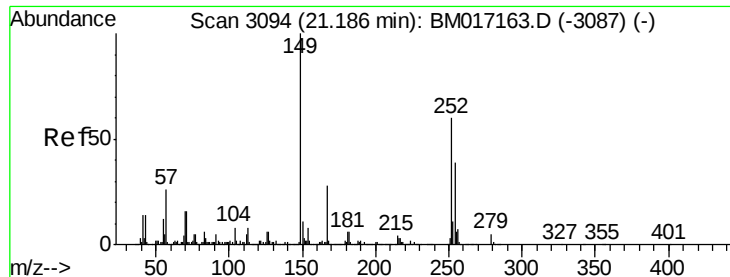


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.458 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM017305.D

Acq: 24 Oct 2018 07:20

Instrument :

BNA_M

ClientSampled :

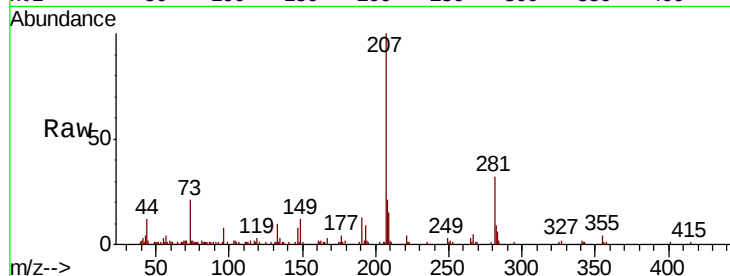
Tot Ion:149 Resp: 8535

Ion Ratio Lower Upper

149 100

167 24.6 22.2 33.4

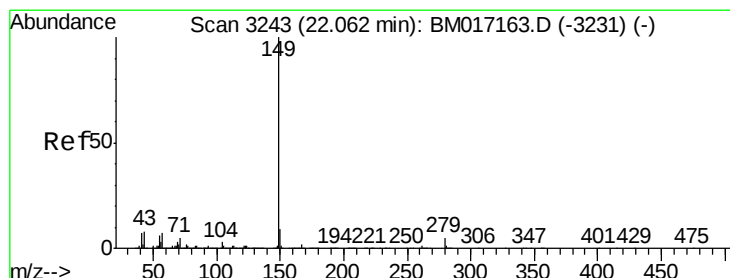
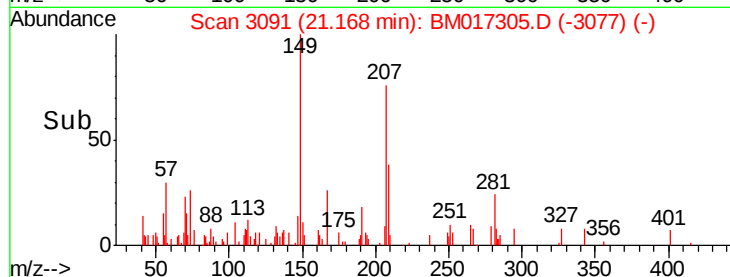
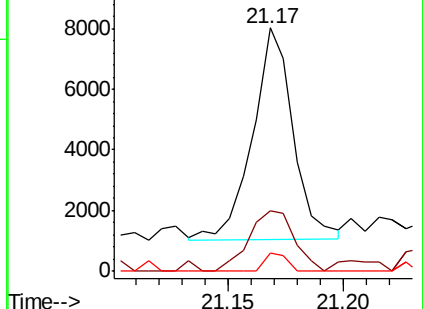
279 7.3 3.6 5.4#



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: 5.596 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM017305.D

Acq: 24 Oct 2018 07:20

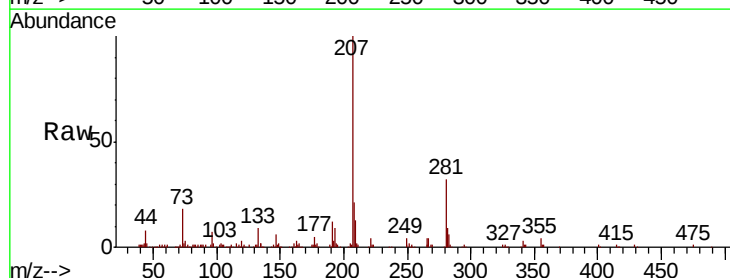
Tgt Ion:149 Resp: 2360

Ion Ratio Lower Upper

149 100

167 22.6 1.4 2.0#

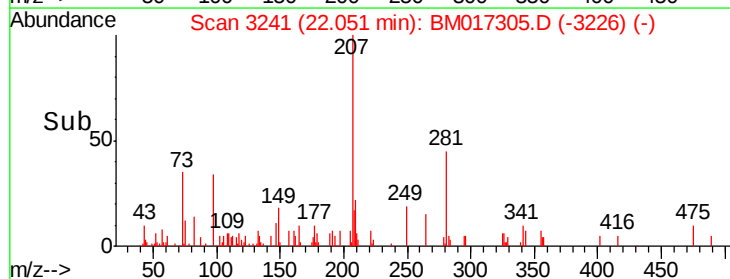
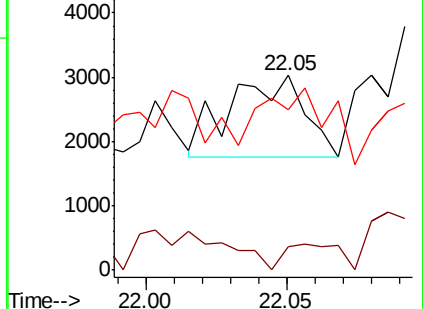
43 82.4 7.2 10.8#

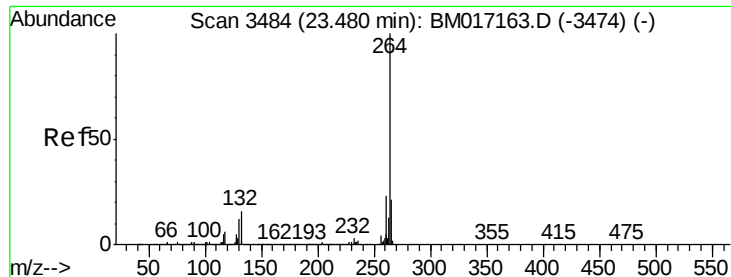


Abundance Ion 149.00 (148.70 to 149.70): E

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# 3480
Delta R.T. -0.02 min
Lab File: BM017305.D
Acq: 24 Oct 2018 07:20

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1376769

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	22.3	17.8	26.8

