

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
 Data File : BM017597.D
 Acq On : 09 Nov 2018 18:36
 Operator : MJ/SJ
 Sample : J5269-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-12-D

Quant Time: Nov 12 00:32:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

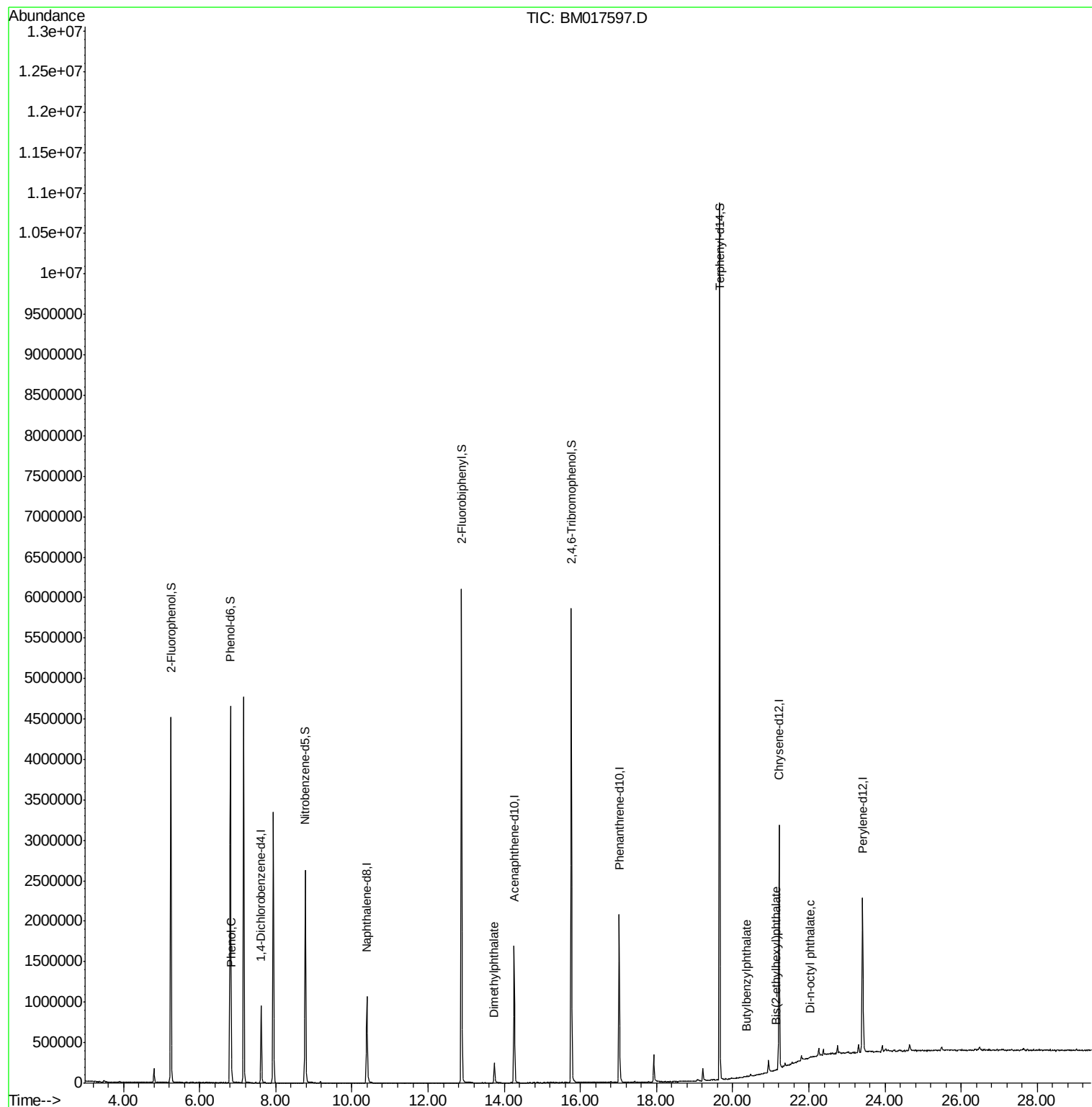
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	244313	20.00	ng	-0.02
21) Naphthalene-d8	10.39	136	956048	20.00	ng	-0.03
39) Acenaphthene-d10	14.26	164	570014	20.00	ng	-0.03
64) Phenanthrene-d10	17.02	188	1314199	20.00	ng	-0.03
76) Chrysene-d12	21.22	240	1453735	20.00	ng	-0.03
87) Perylene-d12	23.41	264	1393346	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1761466	121.94	ng	-0.02
7) Phenol-d6	6.81	99	2393203	121.65	ng	-0.02
23) Nitrobenzene-d5	8.77	82	1476622	90.33	ng	-0.03
42) 2,4,6-Tribromophenol	15.76	330	979121	127.02	ng	-0.03
45) 2-Fluorobiphenyl	12.88	172	3189069	74.44	ng	-0.02
79) Terphenyl-d14	19.66	244	4877344	75.62	ng	-0.02
Target Compounds						
10) Phenol	6.83	94	141668	6.691	ng	91
50) Dimethylphthalate	13.74	163	205743	4.678	ng	99
80) Butylbenzylphthalate	20.38	149	216	7.182	ng	# 27
84) Bis(2-ethylhexyl)phthalate	21.14	149	2160	5.349	ng	# 89
85) Di-n-octyl phthalate	22.03	149	694	5.579	ng	# 1

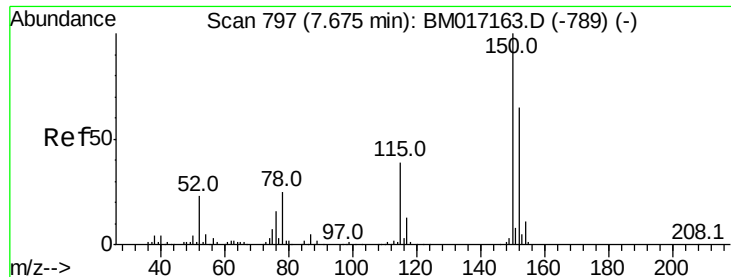
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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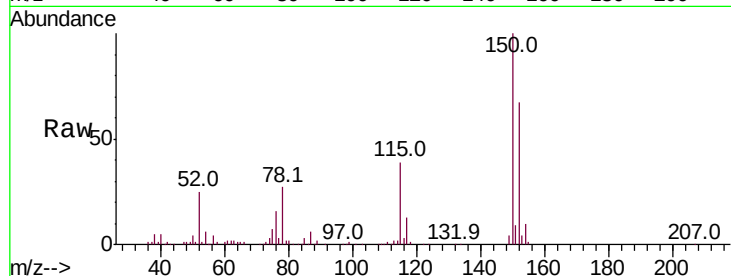


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM017597.D
Acq: 09 Nov 2018 18:36

Instrument :
BNA_M
ClientSampleId :
SB-12-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	124.3	186.5
115	58.2	48.1	72.1

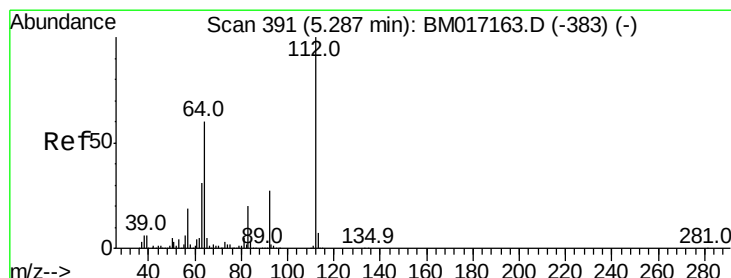
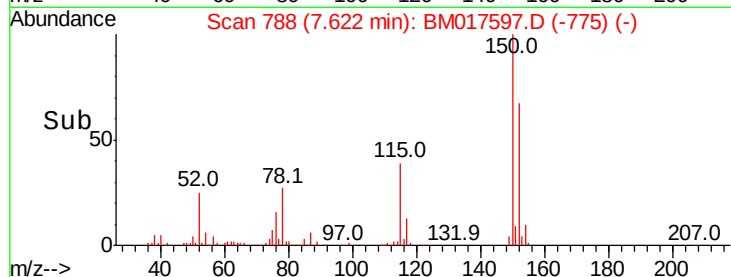
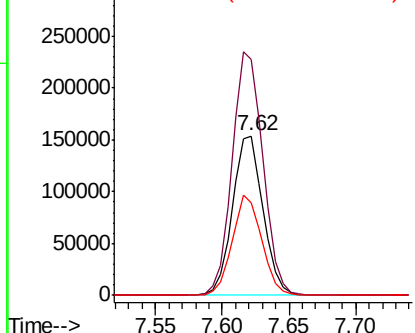


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

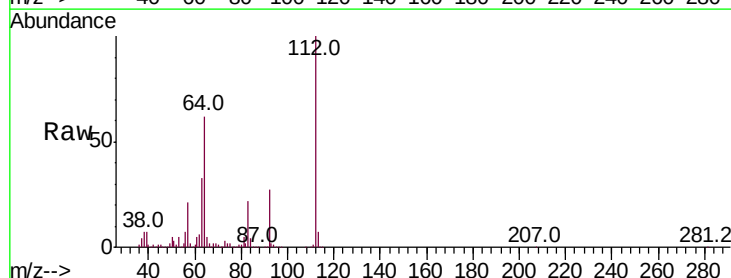
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.943 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BM017597.D
Acq: 09 Nov 2018 18:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	41.7	62.5
63	33.3	23.0	34.4

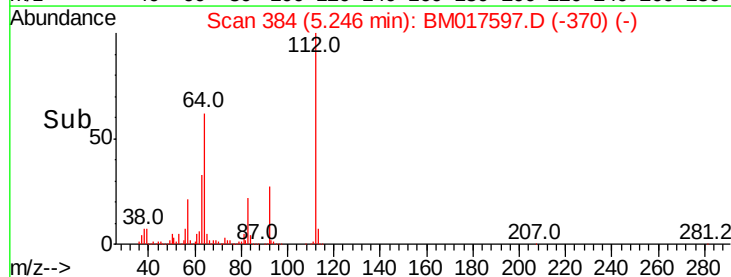
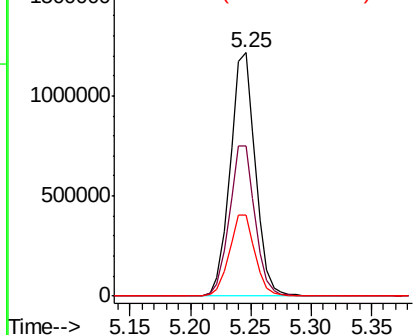


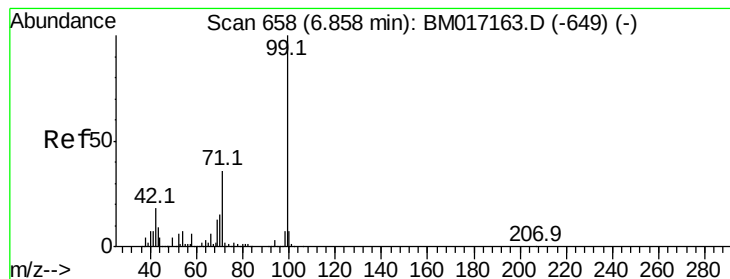
Abundance

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: 121.648 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017597.D

Acq: 09 Nov 2018 18:36

Instrument :

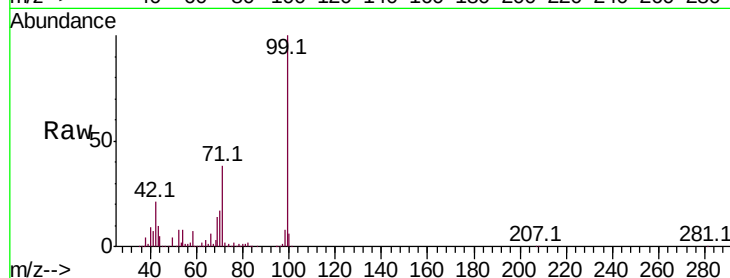
BNA_M

ClientSampleId :

SB-12-D

Tot Ion: 99 Resp: 2393203

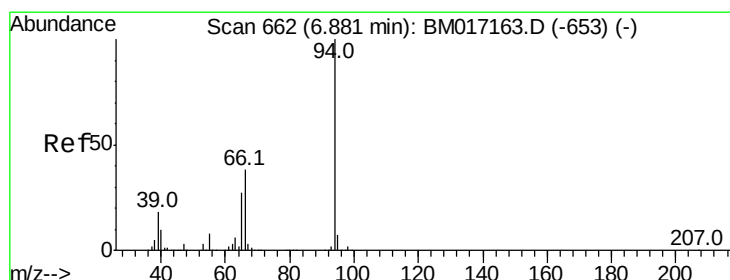
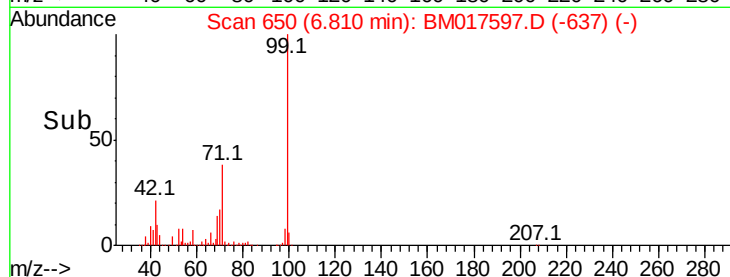
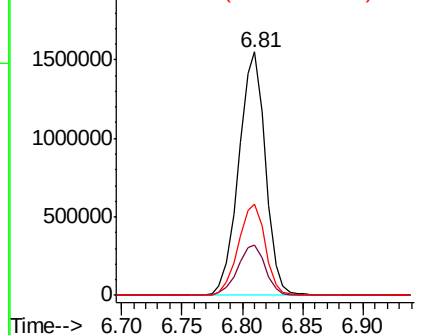
Ion	Ratio	Lower	Upper
99	100		
42	20.6	13.3	19.9#
71	37.6	28.0	42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-649) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-649) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-649) (-)



#10

Phenol

Concen: 6.691 ng

RT: 6.83 min Scan# 654

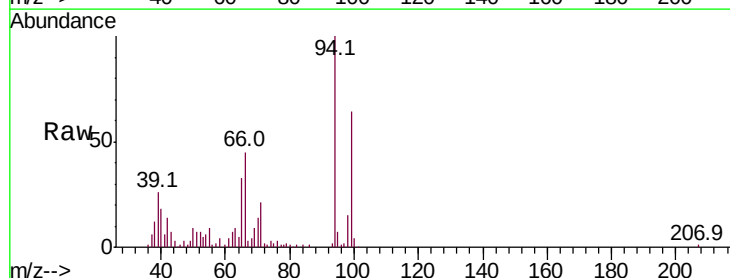
Delta R.T. -0.02 min

Lab File: BM017597.D

Acq: 09 Nov 2018 18:36

Tgt Ion: 94 Resp: 141668

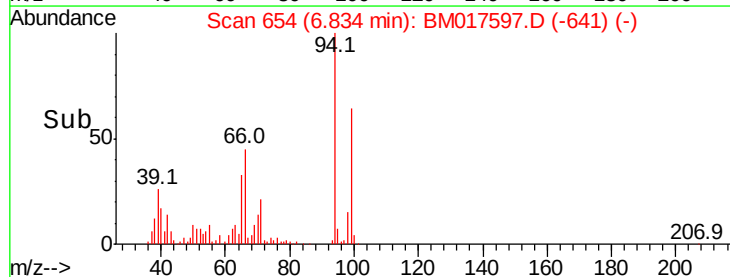
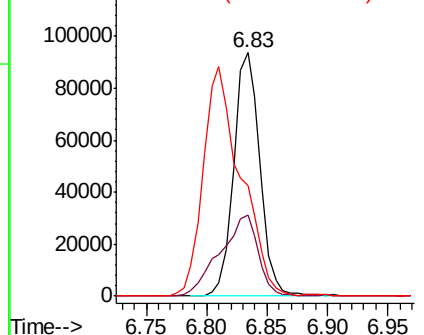
Ion	Ratio	Lower	Upper
94	100		
65	33.4	9.4	49.4
66	45.4	19.0	59.0

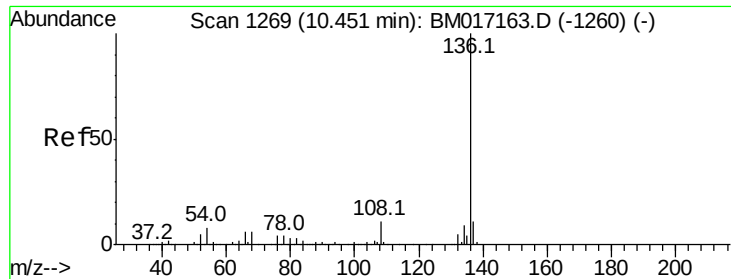


Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-653) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-653) (-)

Ion 66.00 (65.70 to 66.70): BM017163.D (-653) (-)

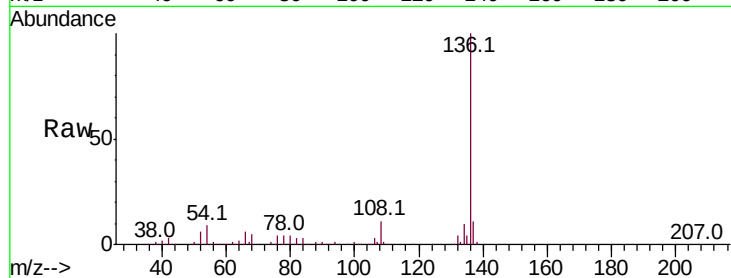




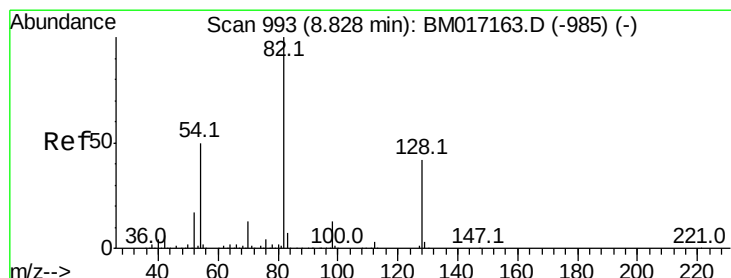
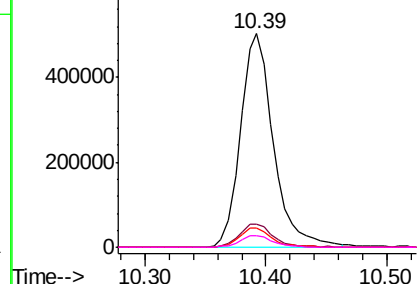
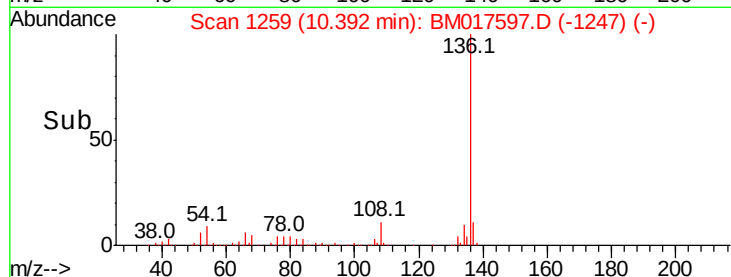
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1259
Delta R.T. -0.03 min
Lab File: BM017597.D
Acq: 09 Nov 2018 18:36

Instrument :
BNA_M
ClientSampleId :
SB-12-D

Tot Ion:136	Resp:	956048	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.2	13.8	
54 8.9	6.7	10.1	
68 5.4	4.7	7.1	

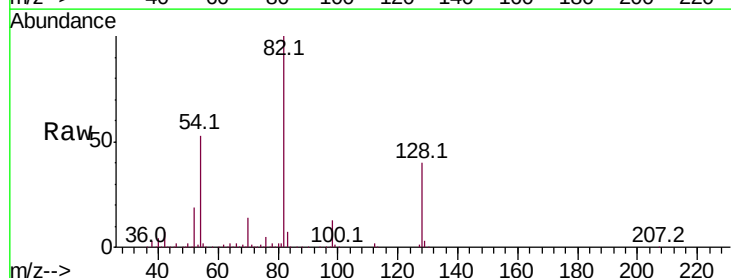


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

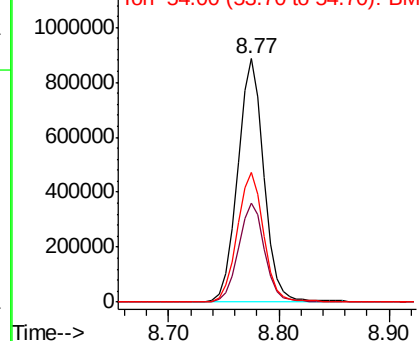
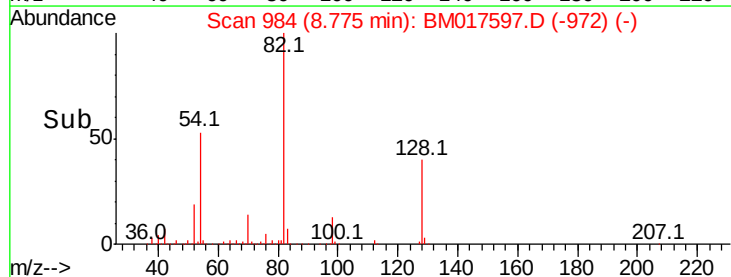


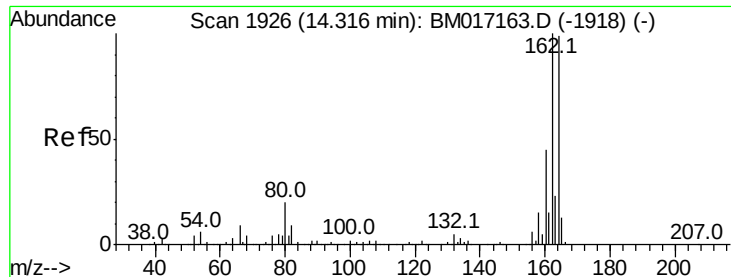
#23
Nitrobenzene-d5
Concen: 90.331 ng
RT: 8.77 min Scan# 984
Delta R.T. -0.03 min
Lab File: BM017597.D
Acq: 09 Nov 2018 18:36

Tgt	Ion: 82	Resp: 1476622	
Ion	Ratio	Lower	Upper
82	100		
128	40.5	37.0	55.6
54	53.1	40.7	61.1



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.03 min

Lab File: BM017597.D

Acq: 09 Nov 2018 18:36

Instrument :

BNA_M

ClientSampled :

SB-12-D

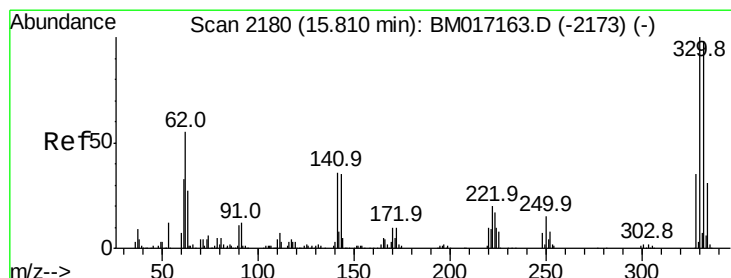
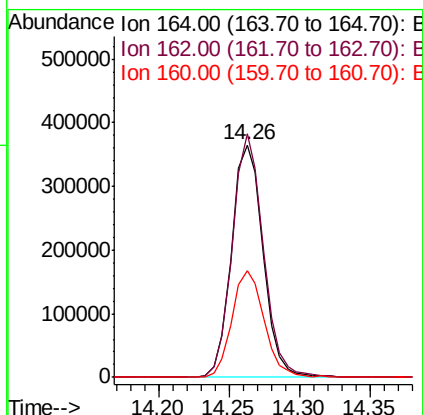
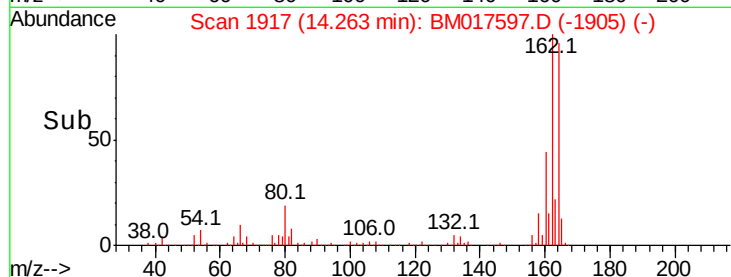
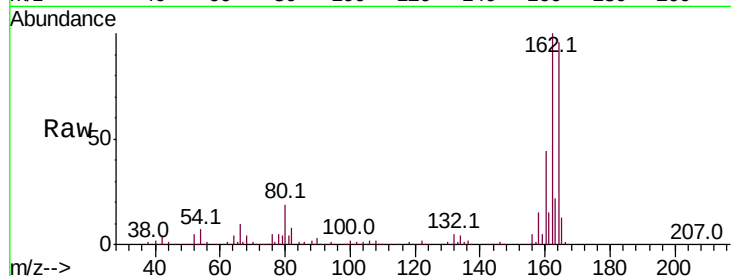
Tot Ion:164 Resp: 570014

Ion Ratio Lower Upper

164 100

162 104.7 82.1 123.1

160 45.6 40.2 60.2



#42

2,4,6-Tribromophenol

Concen: 127.017 ng

RT: 15.76 min Scan# 2172

Delta R.T. -0.03 min

Lab File: BM017597.D

Acq: 09 Nov 2018 18:36

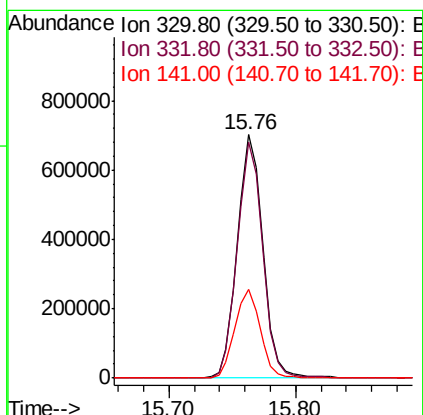
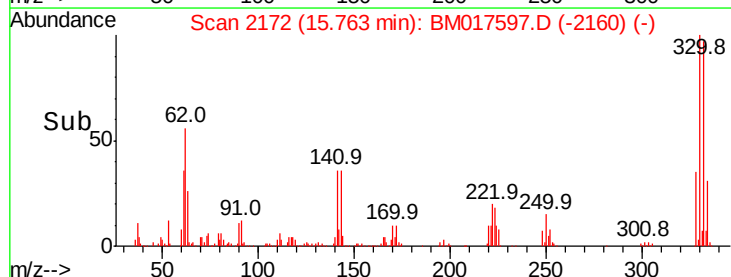
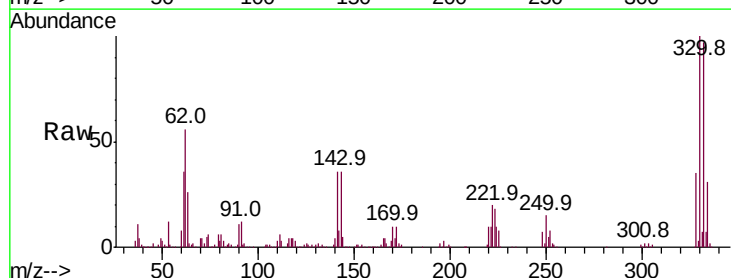
Tgt Ion:330 Resp: 979121

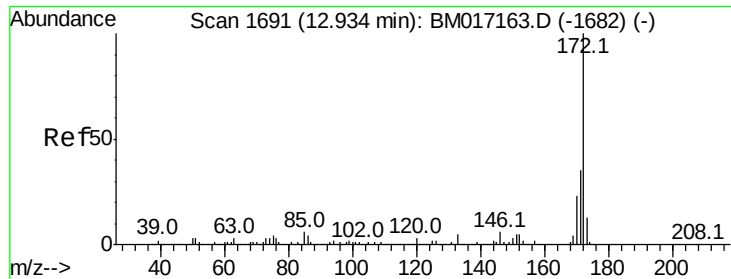
Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 36.5 27.4 41.0

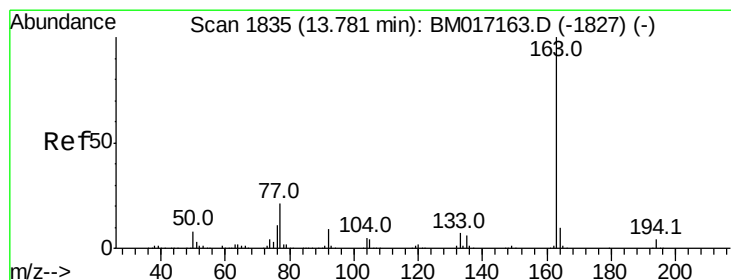
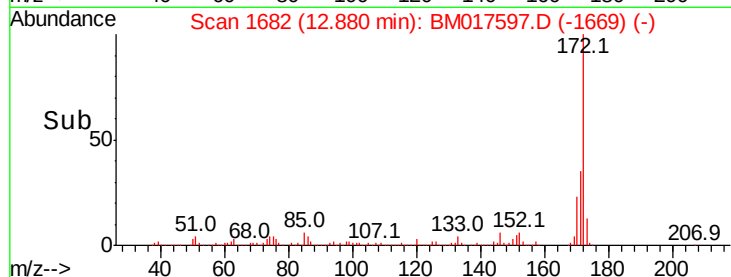
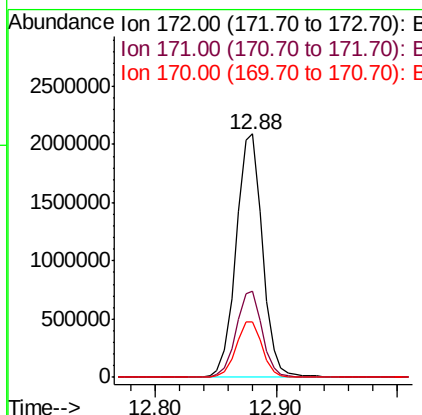
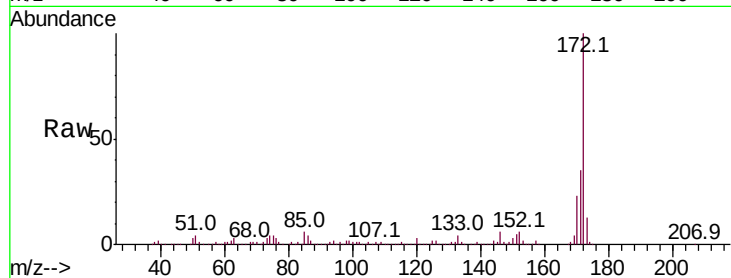




#45
2-Fluorobiphenyl
Concen: 74.440 ng
RT: 12.88 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BM017597.D
Acq: 09 Nov 2018 18:36

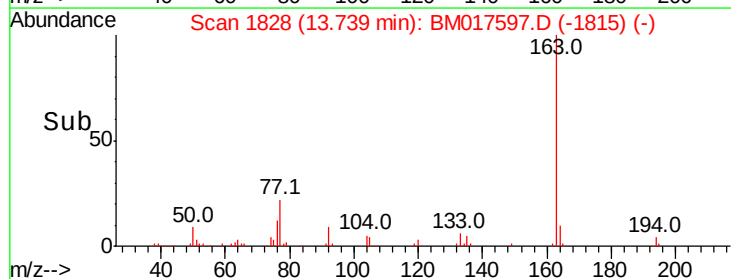
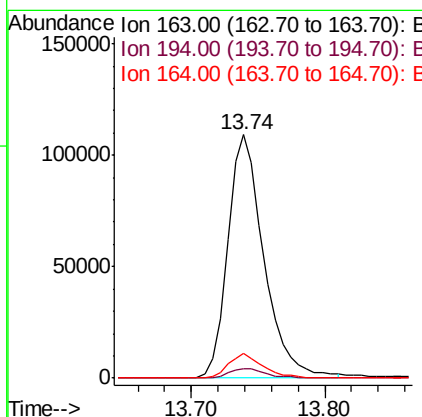
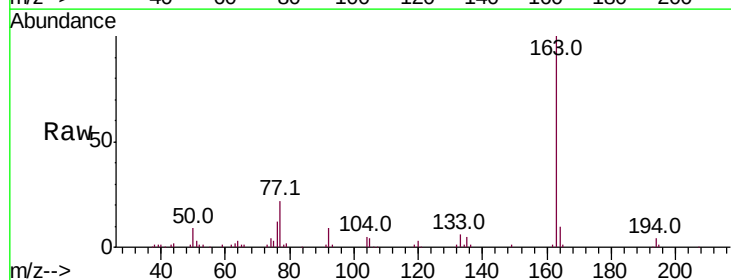
Instrument :
BNA_M
ClientSampled :
SB-12-D

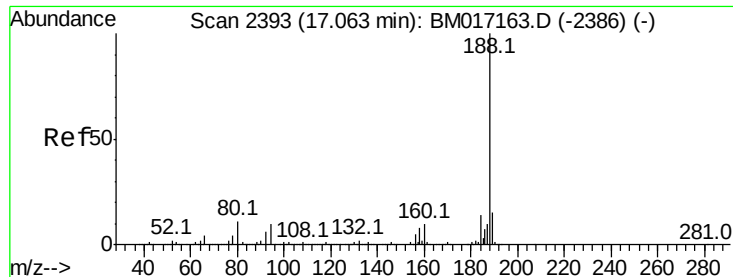
Tot Ion:172 Resp: 3189069
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 22.6 18.3 27.5



#50
Dimethylphthalate
Concen: 4.678 ng
RT: 13.74 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BM017597.D
Acq: 09 Nov 2018 18:36

Tgt Ion:163 Resp: 205743
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.1 7.8 11.8

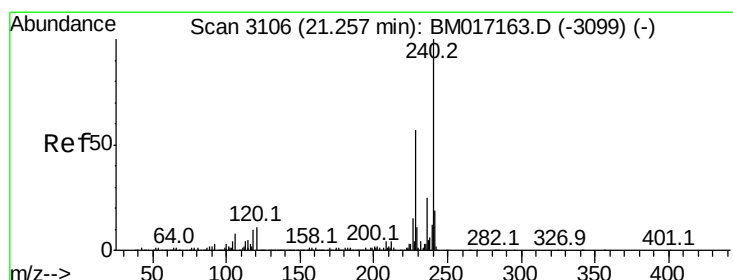
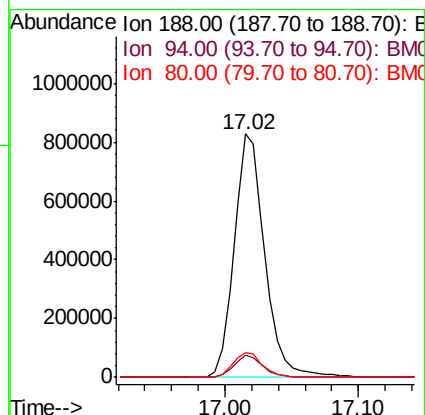
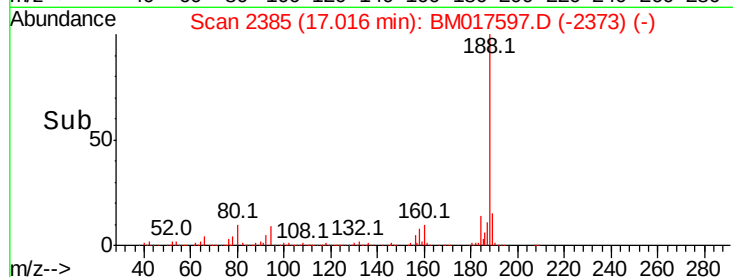
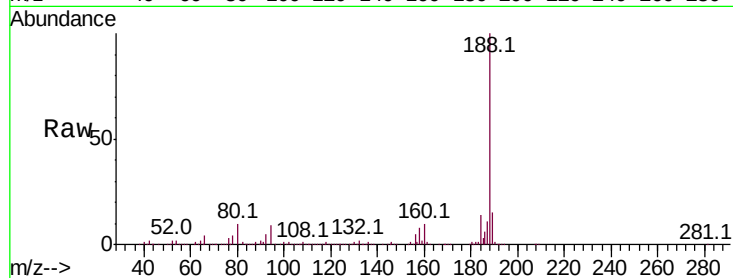




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2385
Delta R.T. -0.03 min
Lab File: BM017597.D
Acq: 09 Nov 2018 18:36

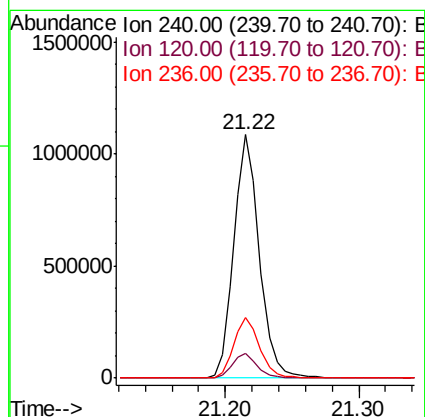
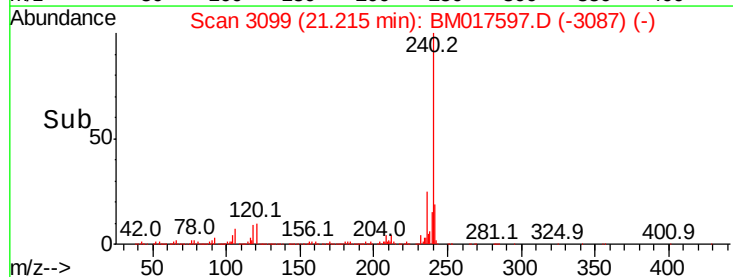
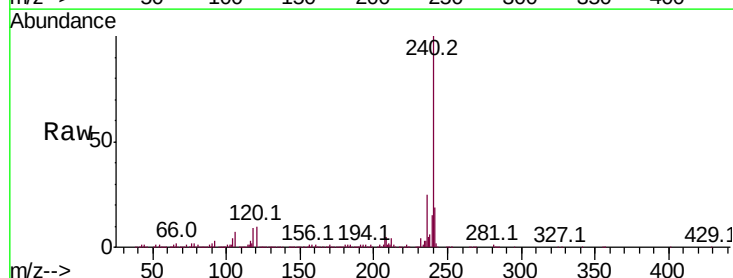
Instrument :
BNA_M
ClientSampleId :
SB-12-D

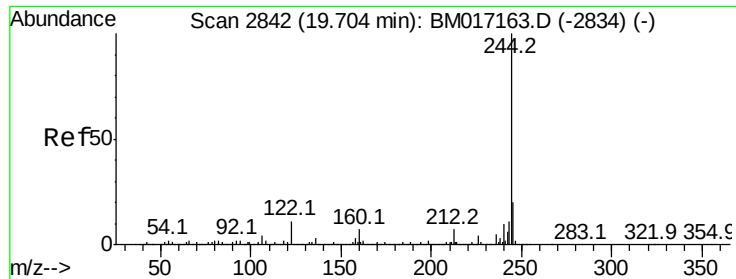
Tot Ion:188 Resp: 1314199
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 10.0 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3099
Delta R.T. -0.03 min
Lab File: BM017597.D
Acq: 09 Nov 2018 18:36

Tgt Ion:240 Resp: 1453735
Ion Ratio Lower Upper
240 100
120 10.0 8.1 12.1
236 25.0 19.9 29.9





#79

Terphenyl-d14

Concen: 75.623 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.02 min

Lab File: BM017597.D

Acq: 09 Nov 2018 18:36

Instrument :

BNA_M

ClientSampleId :

SB-12-D

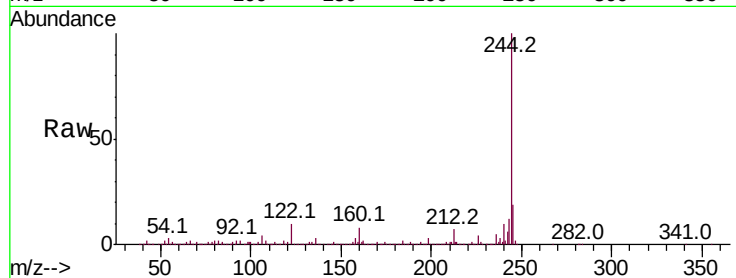
Tot Ion:244 Resp: 4877344

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

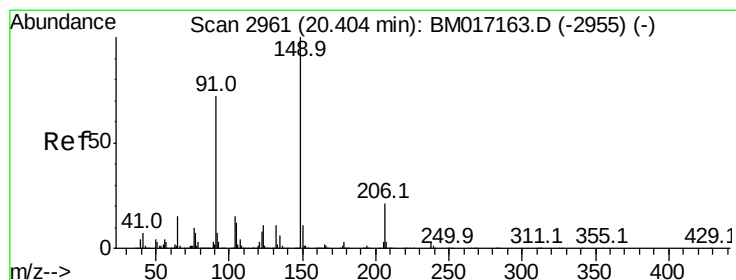
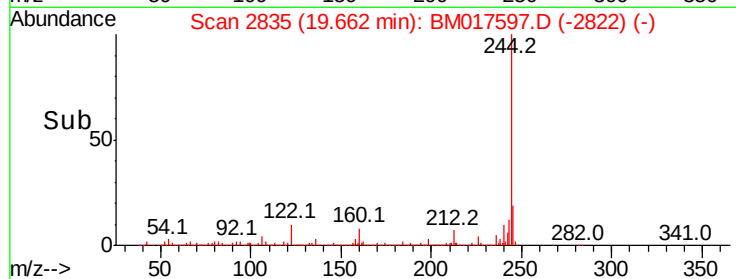
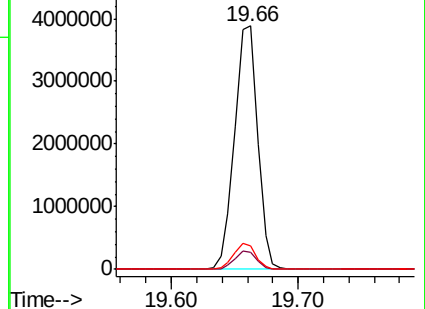
122 9.8 8.4 12.6



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: 7.182 ng

RT: 20.38 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BM017597.D

Acq: 09 Nov 2018 18:36

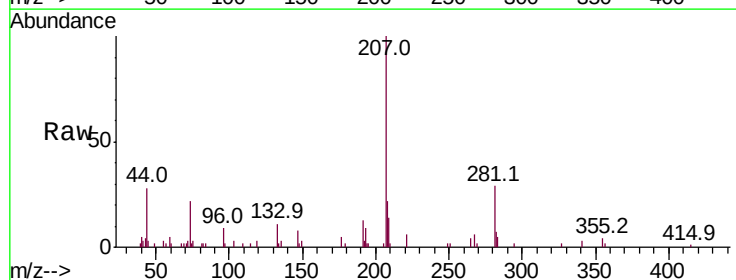
Tgt Ion:149 Resp: 216

Ion Ratio Lower Upper

149 100

91 0.0 51.3 76.9#

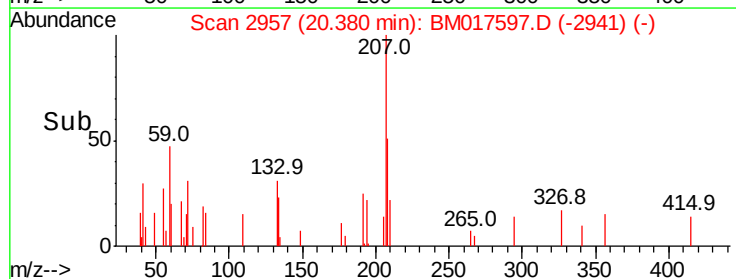
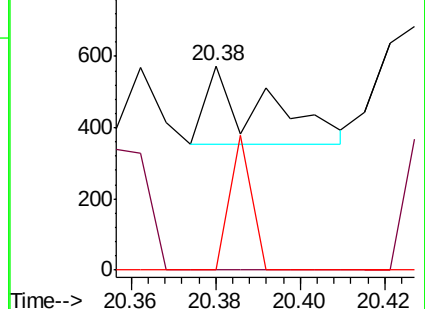
206 0.0 18.0 27.0#

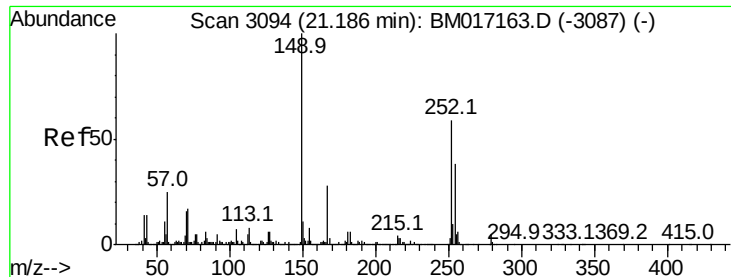


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.349 ng

RT: 21.14 min Scan# 3086

Delta R.T. -0.02 min

Lab File: BM017597.D

Acq: 09 Nov 2018 18:36

Instrument :

BNA_M

ClientSampleId :

SB-12-D

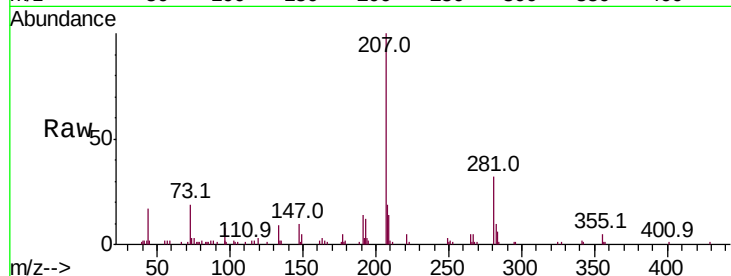
Tot Ion:149 Resp: 2160

Ion Ratio Lower Upper

149 100

167 22.2 22.2 33.4#

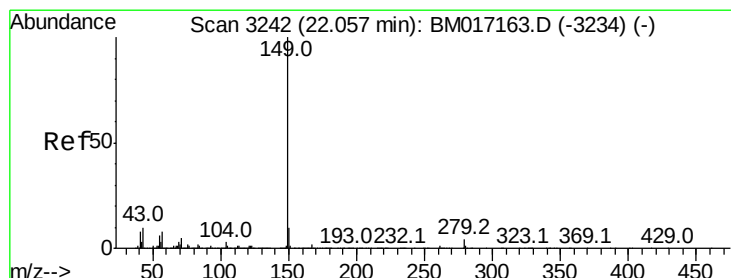
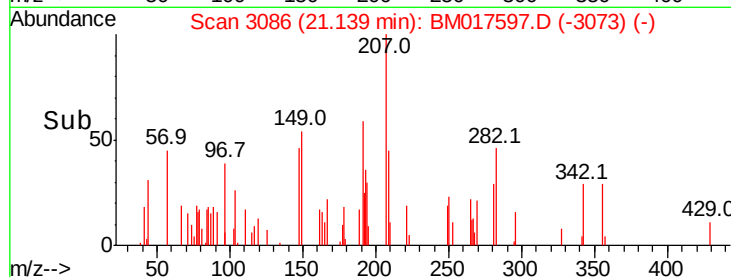
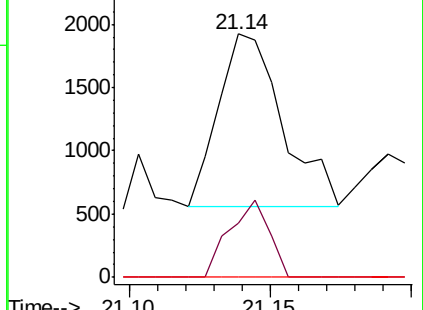
279 0.0 3.6 5.4#



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: 5.579 ng

RT: 22.03 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BM017597.D

Acq: 09 Nov 2018 18:36

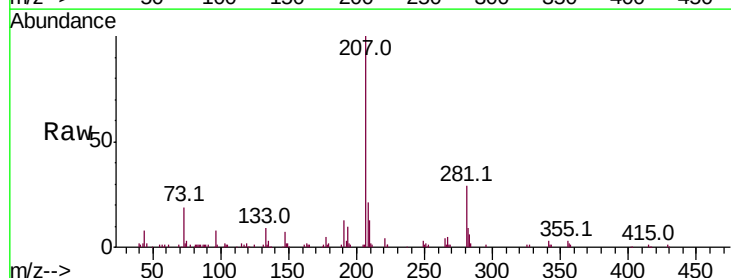
Tgt Ion:149 Resp: 694

Ion Ratio Lower Upper

149 100

167 18.9 1.4 2.0#

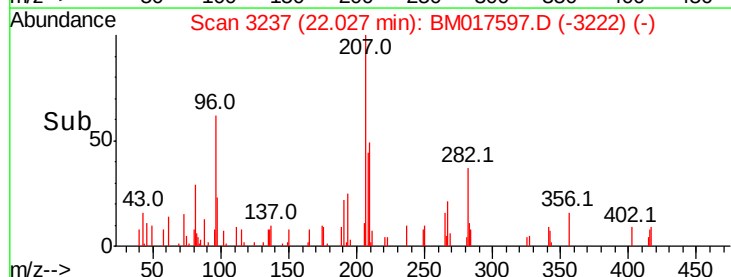
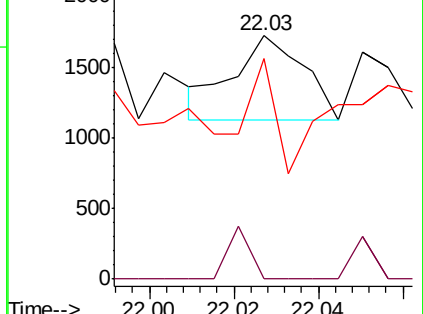
43 55.9 7.2 10.8#

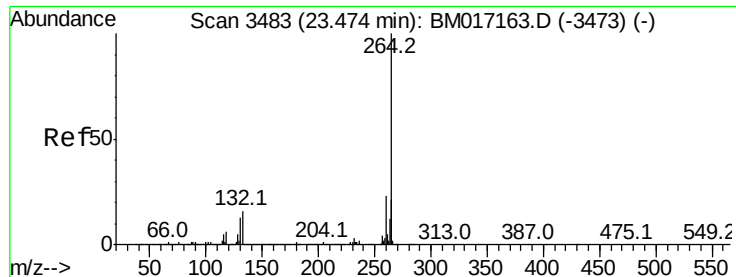


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.41 min Scan# 3472
Delta R.T. -0.04 min
Lab File: BM017597.D
Acq: 09 Nov 2018 18:36

Instrument :
BNA_M
ClientSampleId :
SB-12-D

Tot Ion:264 Resp: 1393346

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	22.1	17.8	26.8

