

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
 Data File : BM017602.D
 Acq On : 09 Nov 2018 21:36
 Operator : MJ/SJ
 Sample : J5887-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 W-1-D

Quant Time: Nov 12 00:33:56 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

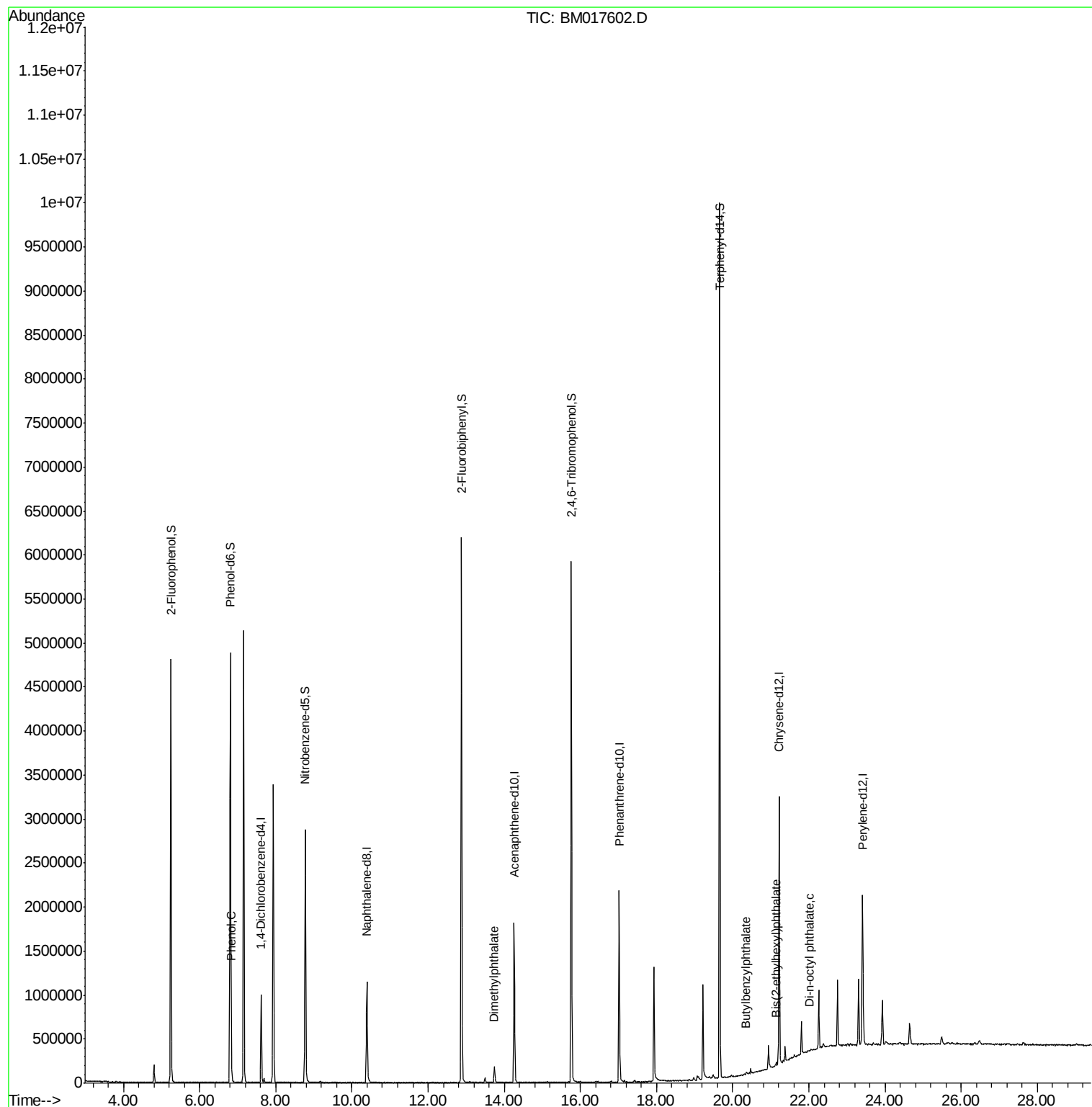
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	254410	20.00	ng	-0.03
21) Naphthalene-d8	10.39	136	1048272	20.00	ng	-0.03
39) Acenaphthene-d10	14.26	164	596114	20.00	ng	-0.03
64) Phenanthrene-d10	17.02	188	1342209	20.00	ng	-0.03
76) Chrysene-d12	21.22	240	1438657	20.00	ng	-0.03
87) Perylene-d12	23.41	264	1260047	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1917837	127.50	ng	-0.02
7) Phenol-d6	6.81	99	2609897	127.40	ng	-0.02
23) Nitrobenzene-d5	8.77	82	1602302	89.40	ng	-0.03
42) 2,4,6-Tribromophenol	15.76	330	1041968	129.25	ng	-0.03
45) 2-Fluorobiphenyl	12.87	172	3211875	71.69	ng	-0.03
79) Terphenyl-d14	19.66	244	4709530	73.79	ng	-0.02
Target Compounds						
10) Phenol	6.83	94	144267	6.543	ng	95
50) Dimethylphthalate	13.74	163	145882	3.172	ng	99
80) Butylbenzylphthalate	20.34	149	380	7.186	ng	# 82
84) Bis(2-ethylhexyl)phthalate	21.14	149	15892	5.610	ng	# 89
85) Di-n-octyl phthalate	22.01	149	2485	5.599	ng	# 1

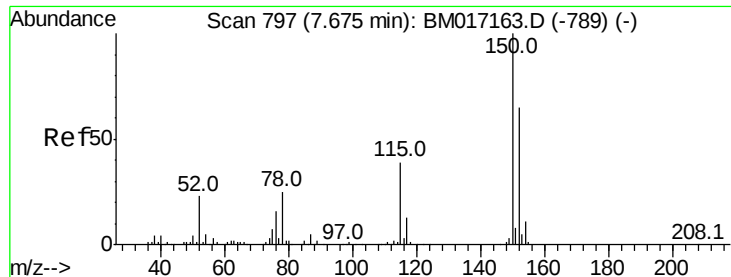
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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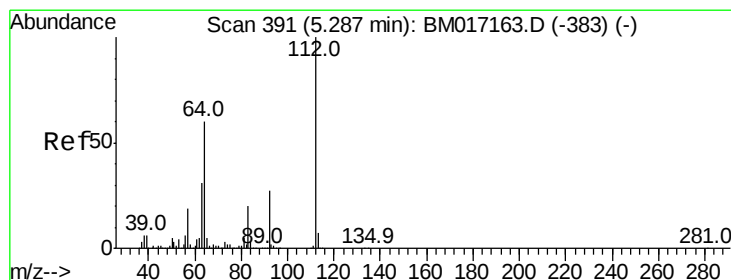
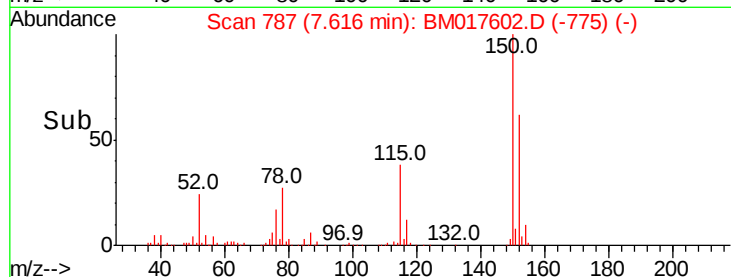
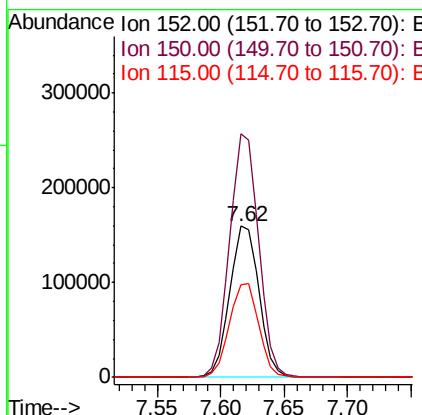
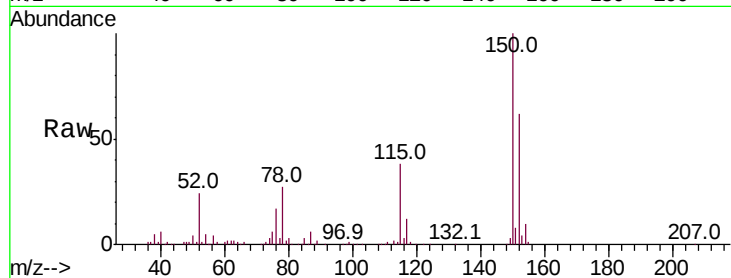


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.03 min
Lab File: BM017602.D
Acq: 09 Nov 2018 21:36

Instrument :
BNA_M
ClientSampleId :
W-1-D

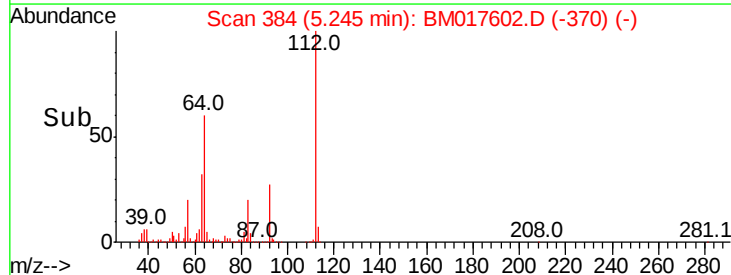
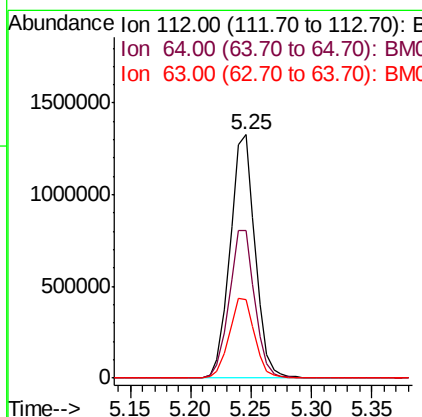
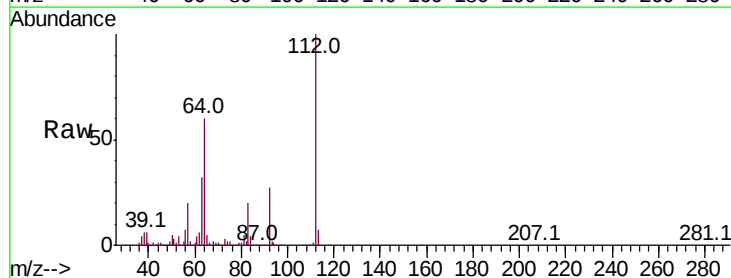
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.3	186.5
115	61.7	48.1	72.1

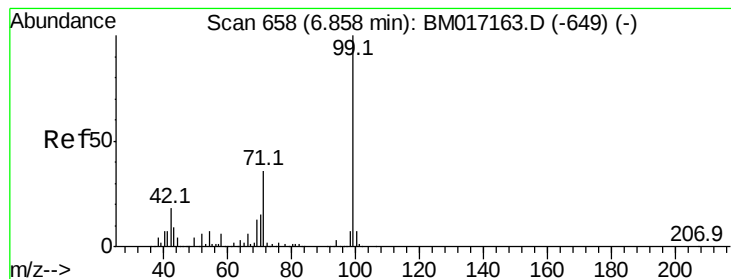


#5

2-Fluorophenol
Concen: 127.499 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BM017602.D
Acq: 09 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	41.7	62.5
63	32.0	23.0	34.4





#7

Phenol-d6

Concen: 127.397 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017602.D

Acq: 09 Nov 2018 21:36

Instrument :

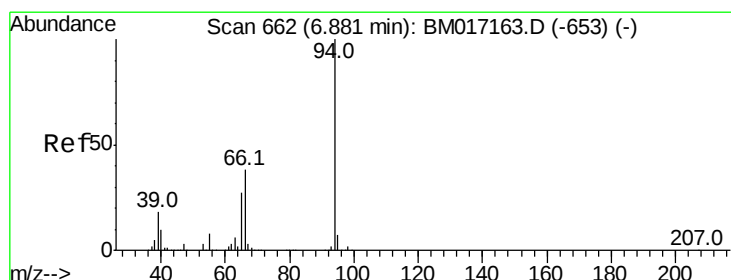
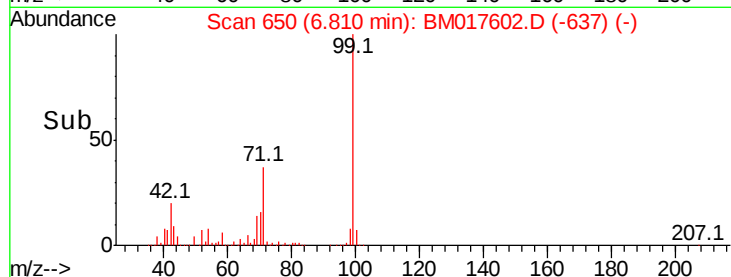
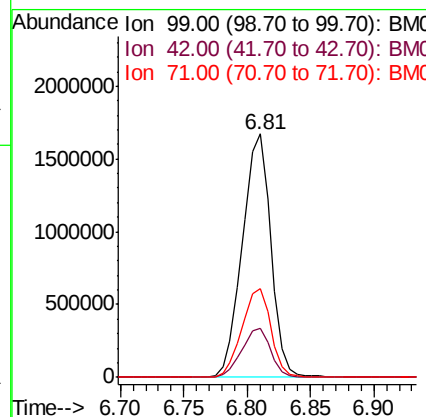
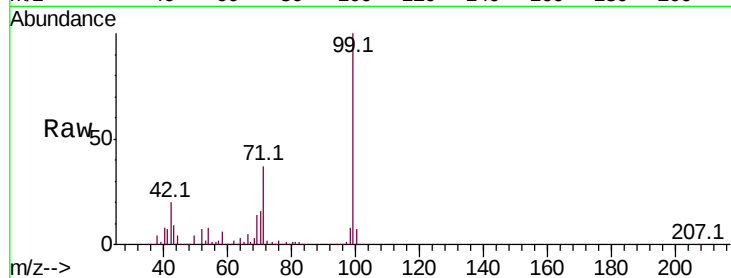
BNA_M

ClientSampled :

W-1-D

Tot Ion: 99 Resp: 2609897

Ion	Ratio	Lower	Upper
99	100		
42	20.0	13.3	19.9#
71	36.6	28.0	42.0



#10

Phenol

Concen: 6.543 ng

RT: 6.83 min Scan# 654

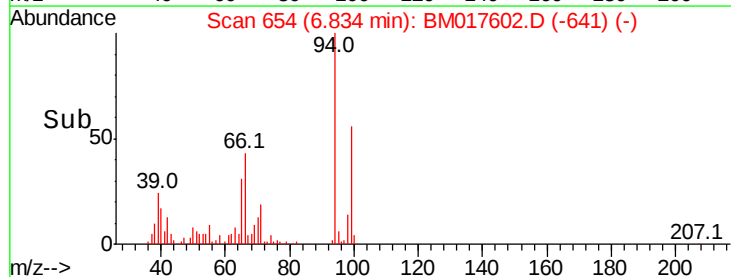
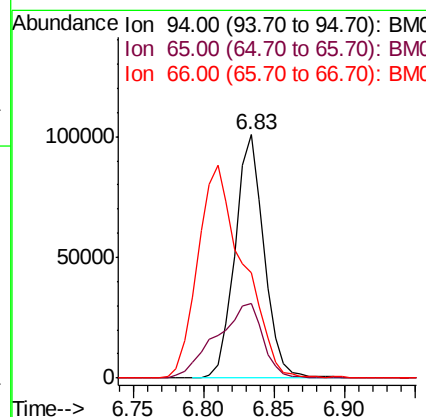
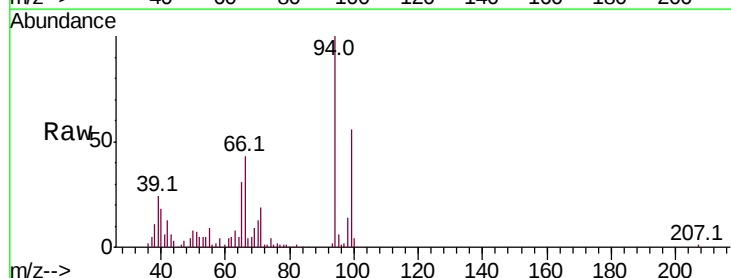
Delta R.T. -0.02 min

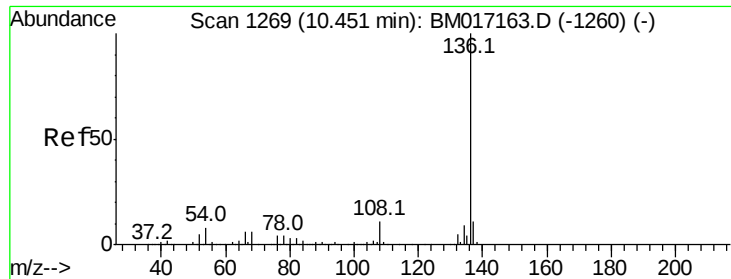
Lab File: BM017602.D

Acq: 09 Nov 2018 21:36

Tgt Ion: 94 Resp: 144267

Ion	Ratio	Lower	Upper
94	100		
65	30.6	9.4	49.4
66	43.5	19.0	59.0



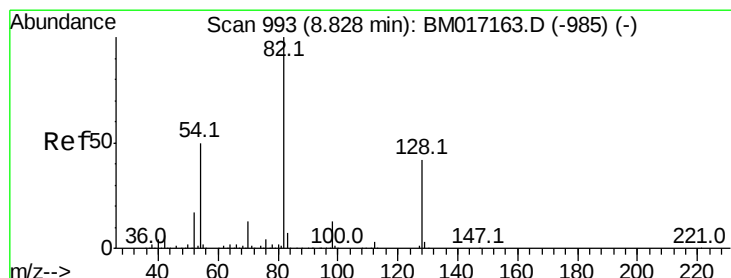
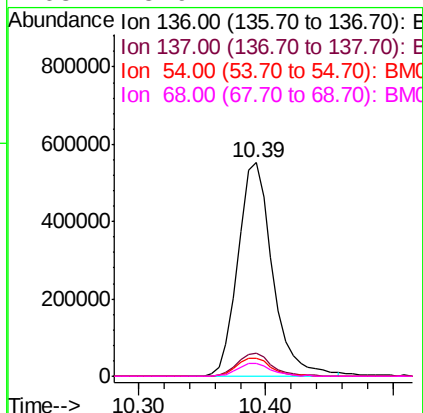
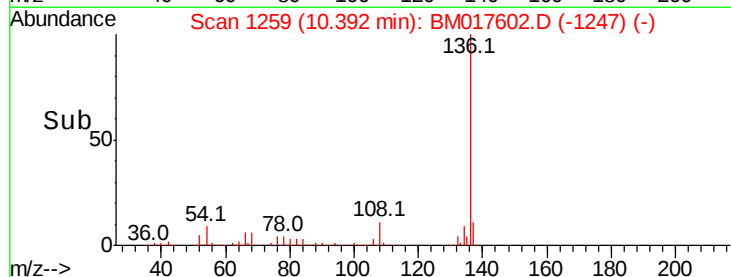
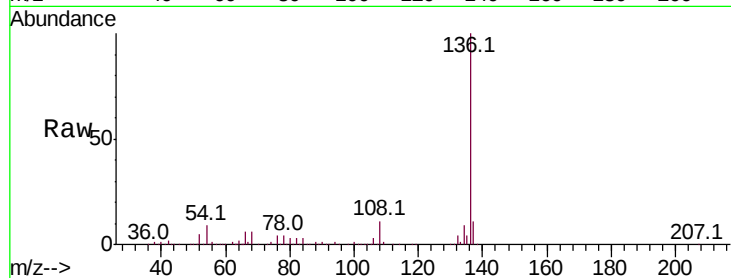


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1259
Delta R.T. -0.03 min
Lab File: BM017602.D
Acq: 09 Nov 2018 21:36

Instrument :
BNA_M
ClientSampleId :
W-1-D

Tot Ion:136 Resp: 1048272

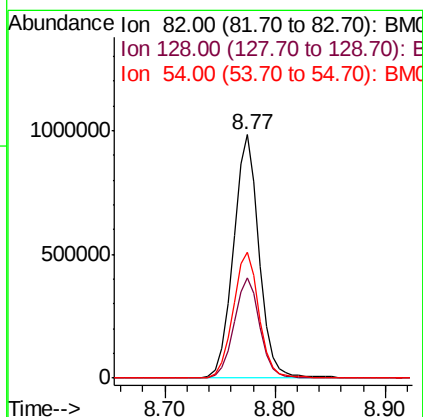
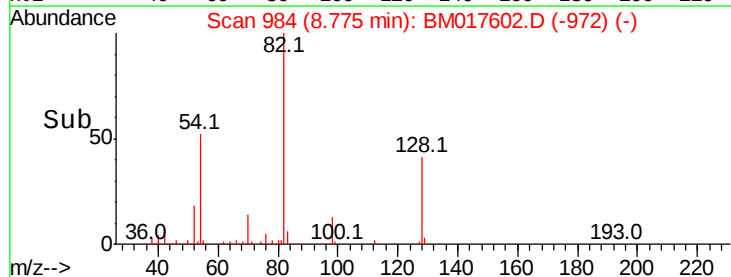
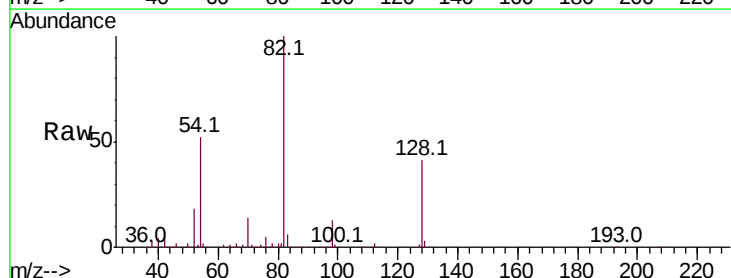
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.7	6.7	10.1
68	5.9	4.7	7.1

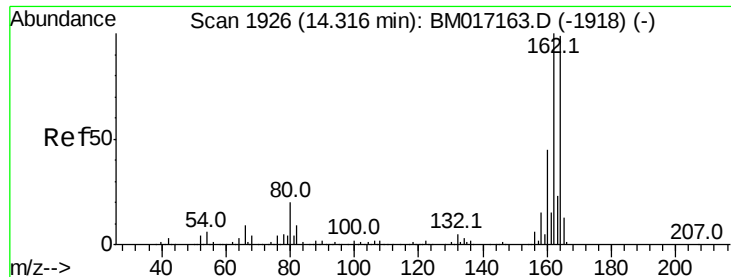


#23
Nitrobenzene-d5
Concen: 89.396 ng
RT: 8.77 min Scan# 984
Delta R.T. -0.03 min
Lab File: BM017602.D
Acq: 09 Nov 2018 21:36

Tgt Ion: 82 Resp: 1602302

Ion	Ratio	Lower	Upper
82	100		
128	41.3	37.0	55.6
54	51.5	40.7	61.1

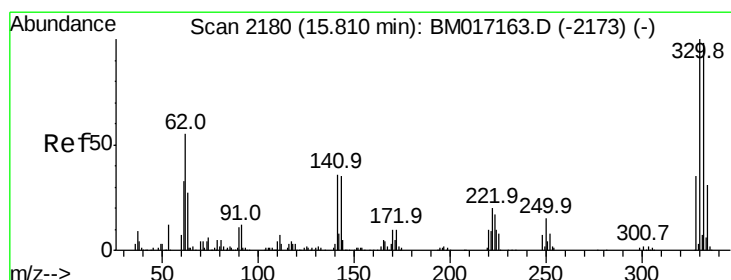
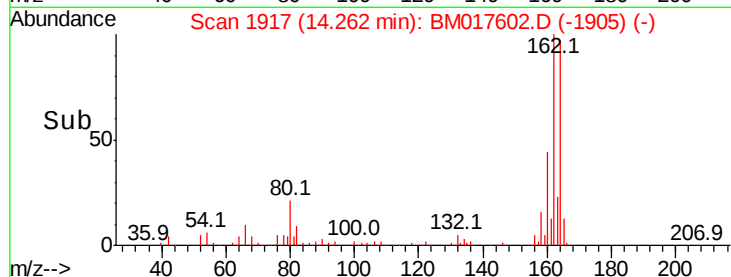
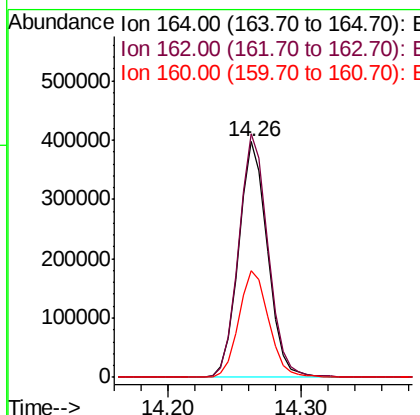
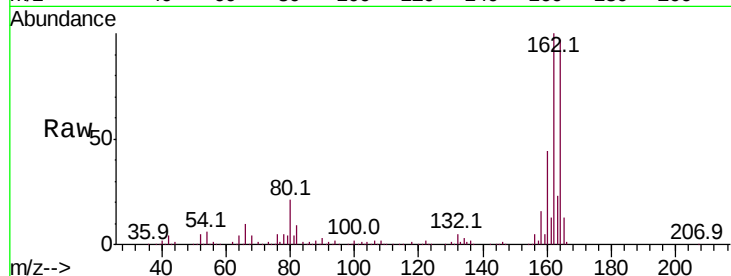




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1917
Delta R.T. -0.03 min
Lab File: BM017602.D
Acq: 09 Nov 2018 21:36

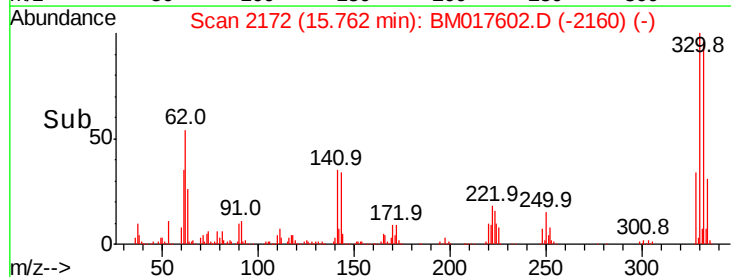
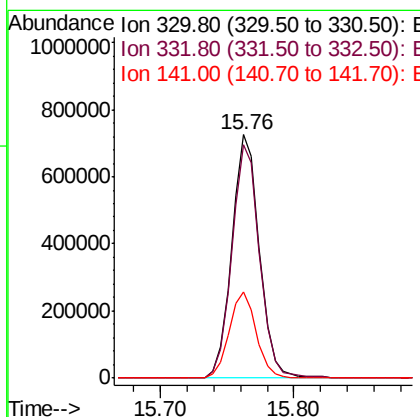
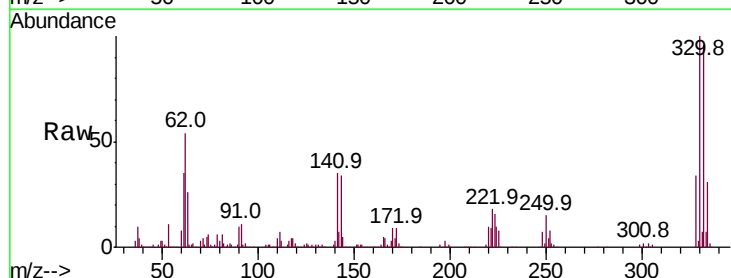
Instrument :
BNA_M
ClientSampleId :
W-1-D

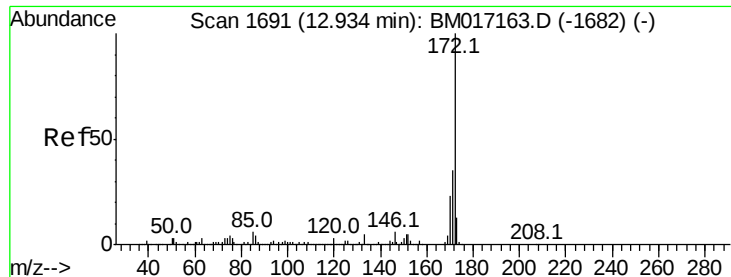
Tot Ion:164 Resp: 596114
Ion Ratio Lower Upper
164 100
162 103.3 82.1 123.1
160 45.3 40.2 60.2



#42
2,4,6-Tribromophenol
Concen: 129.251 ng
RT: 15.76 min Scan# 2172
Delta R.T. -0.03 min
Lab File: BM017602.D
Acq: 09 Nov 2018 21:36

Tgt Ion:330 Resp: 1041968
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 35.0 27.4 41.0

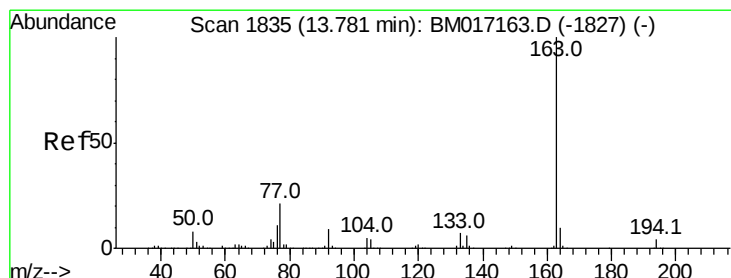
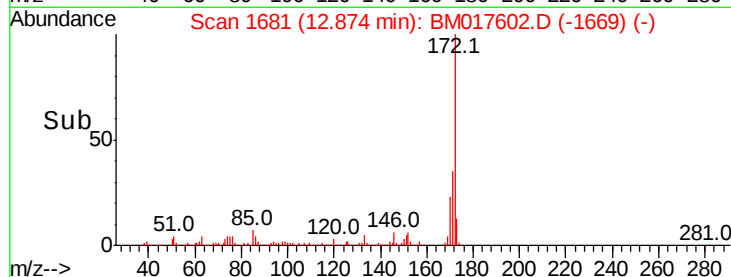
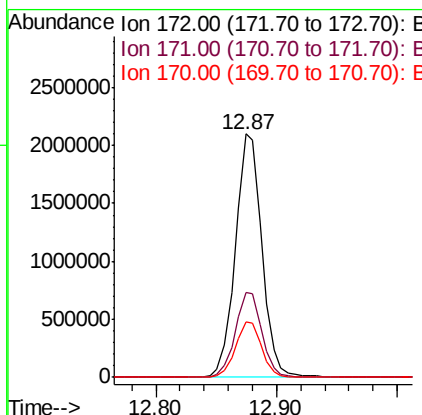
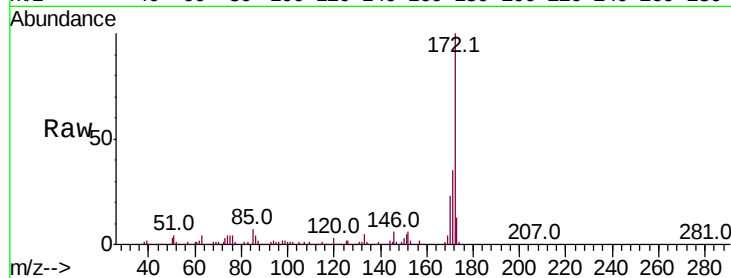




#45
2-Fluorobiphenyl
Concen: 71.690 ng
RT: 12.87 min Scan# 1681
Delta R.T. -0.03 min
Lab File: BM017602.D
Acq: 09 Nov 2018 21:36

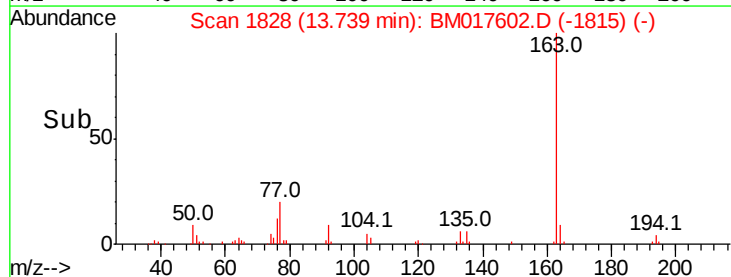
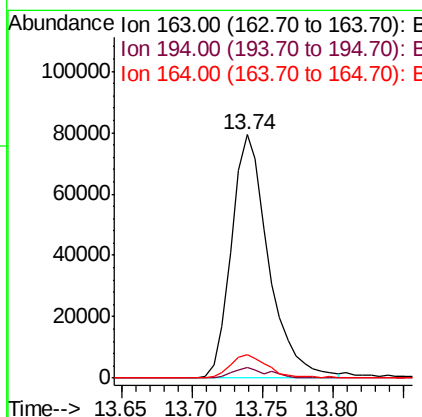
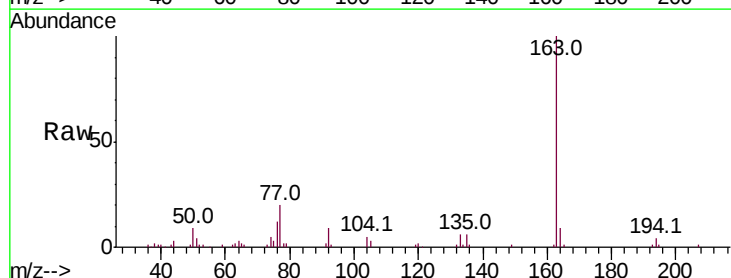
Instrument :
BNA_M
ClientSampled :
W-1-D

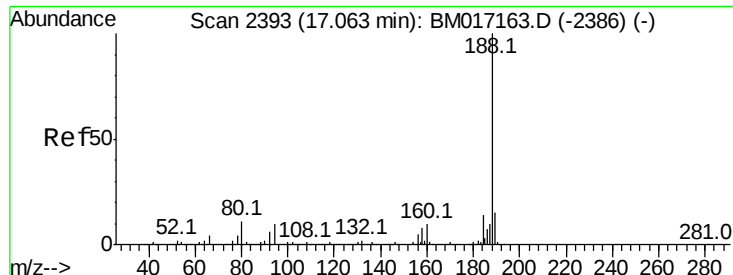
Tot Ion:172 Resp: 3211875
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 22.7 18.3 27.5



#50
Dimethylphthalate
Concen: 3.172 ng
RT: 13.74 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BM017602.D
Acq: 09 Nov 2018 21:36

Tgt Ion:163 Resp: 145882
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.5 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: BM017602.D

Acq: 09 Nov 2018 21:36

Instrument :

BNA_M

ClientSampleID :

W-1-D

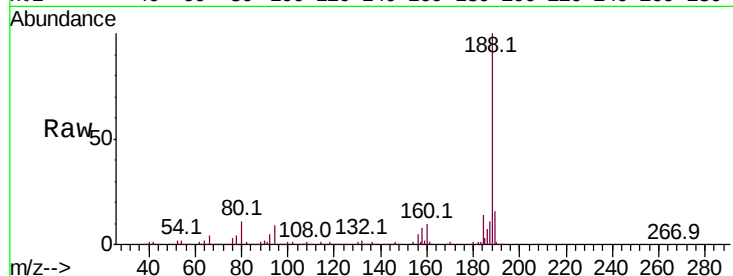
Tot Ion:188 Resp: 1342209

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

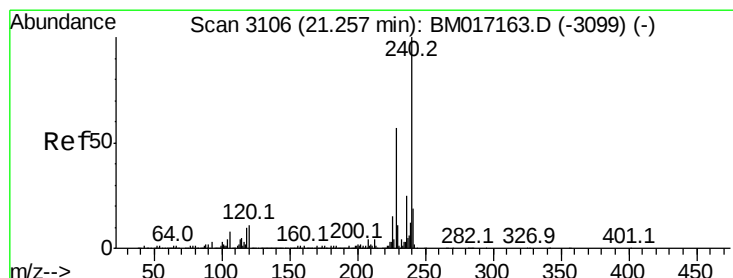
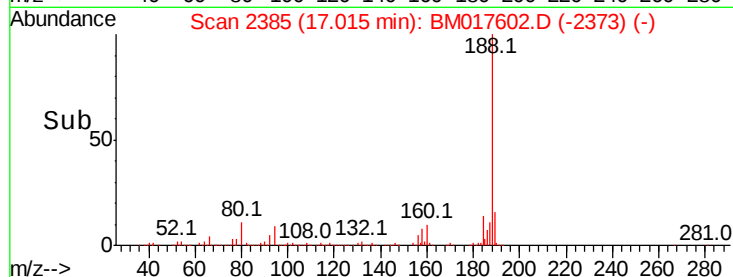
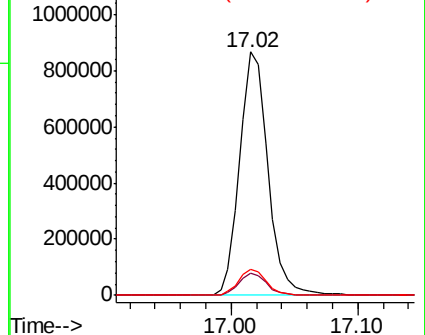
80 10.5 7.7 11.5



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: 21.22 min Scan# 3099

Delta R.T. -0.03 min

Lab File: BM017602.D

Acq: 09 Nov 2018 21:36

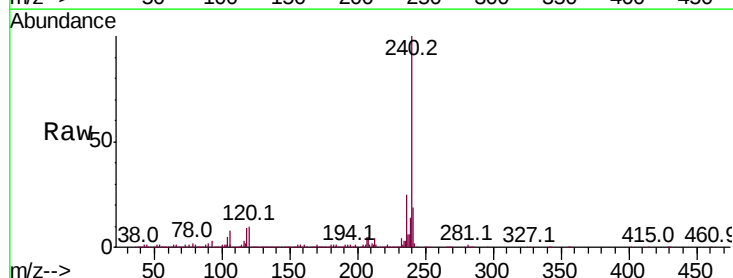
Tgt Ion:240 Resp: 1438657

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

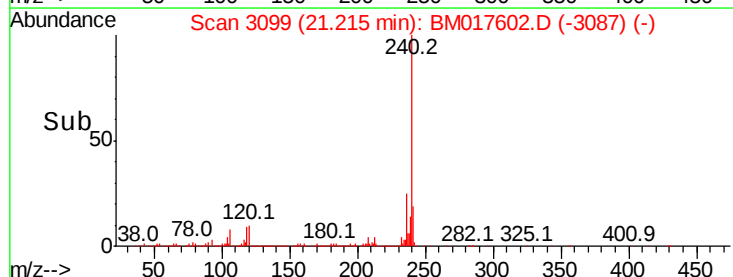
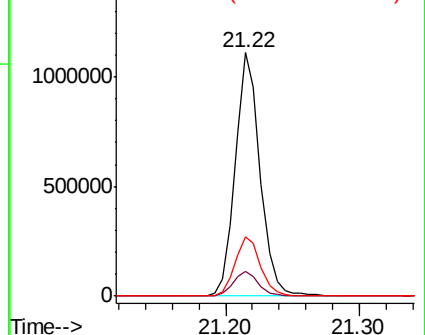
236 24.5 19.9 29.9

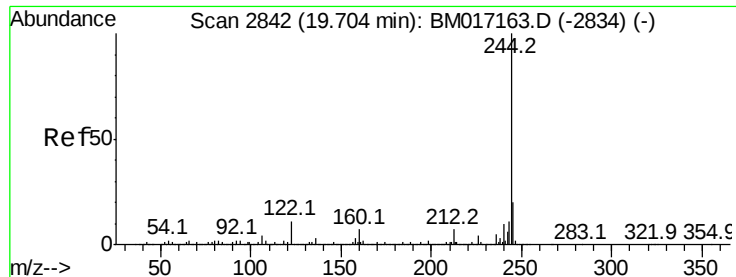


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.786 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.02 min

Lab File: BM017602.D

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W-1-D

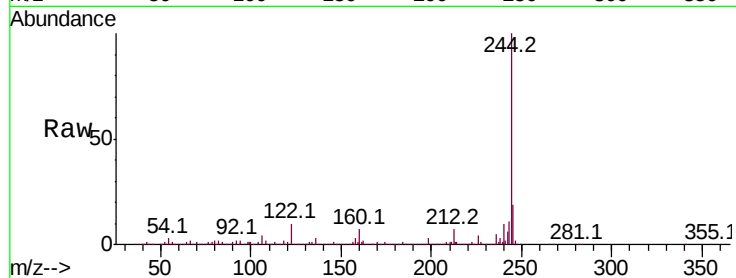
Tot Ion:244 Resp: 4709530

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

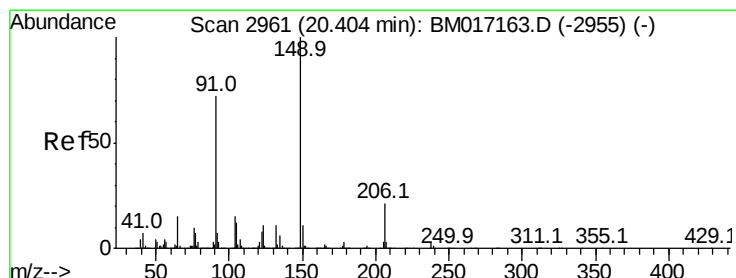
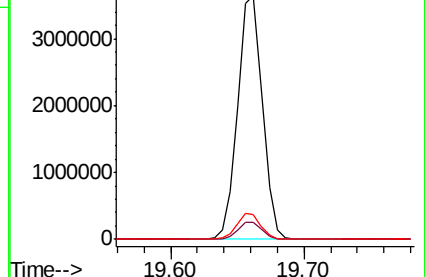
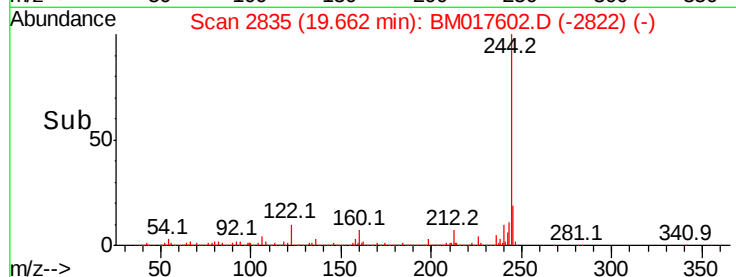
122 10.0 8.4 12.6



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



#80

Butylbenzylphthalate

Concen: 7.186 ng

RT: 20.34 min Scan# 2950

Delta R.T. -0.05 min

Lab File: BM017602.D

Acq: 09 Nov 2018 21:36

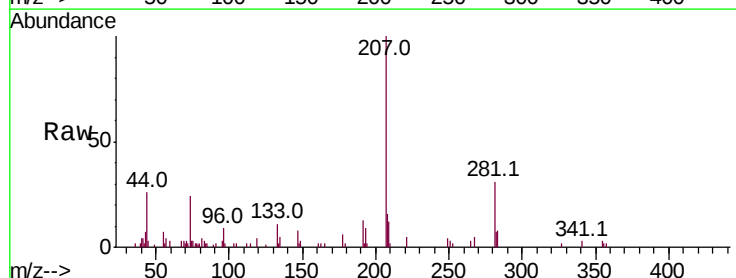
Tgt Ion:149 Resp: 380

Ion Ratio Lower Upper

149 100

91 58.1 51.3 76.9

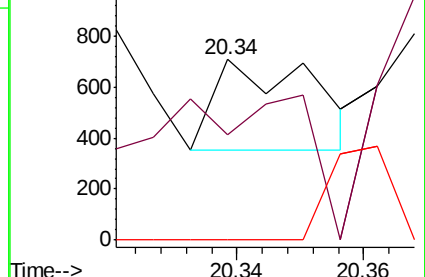
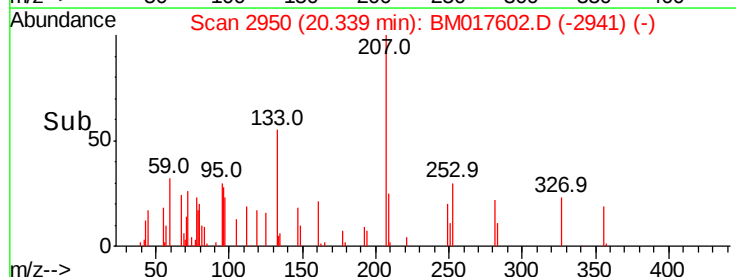
206 0.0 18.0 27.0#

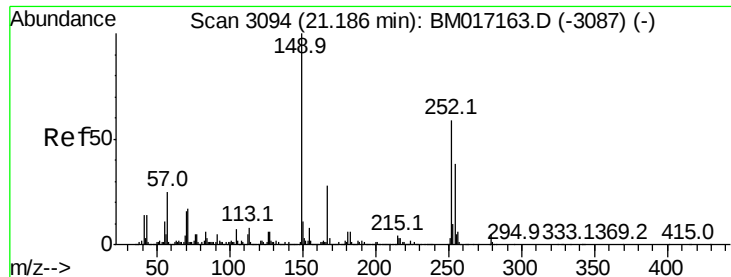


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.610 ng

RT: 21.14 min Scan# 3086

Delta R.T. -0.02 min

Lab File: BM017602.D

Acq: 09 Nov 2018 21:36

Instrument :

BNA_M

ClientSampleId :

W-1-D

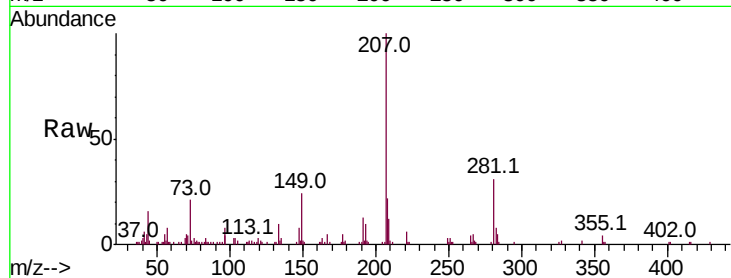
Tot Ion:149 Resp: 15892

Ion Ratio Lower Upper

149 100

167 21.5 22.2 33.4#

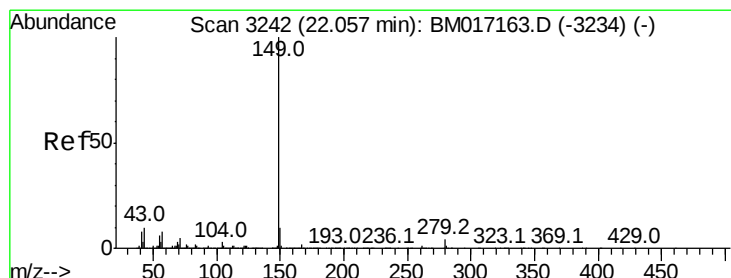
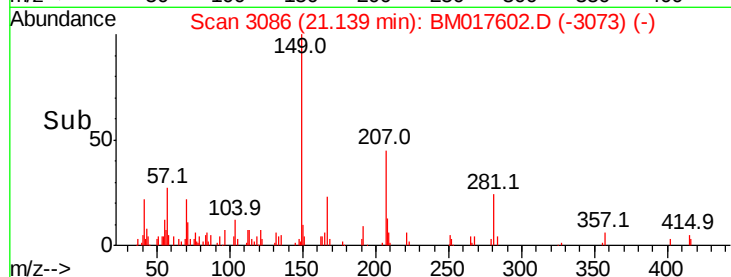
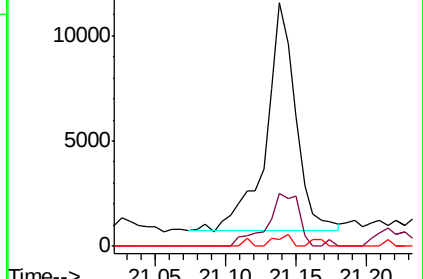
279 2.6 3.6 5.4#



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: 5.599 ng

RT: 22.01 min Scan# 3234

Delta R.T. -0.03 min

Lab File: BM017602.D

Acq: 09 Nov 2018 21:36

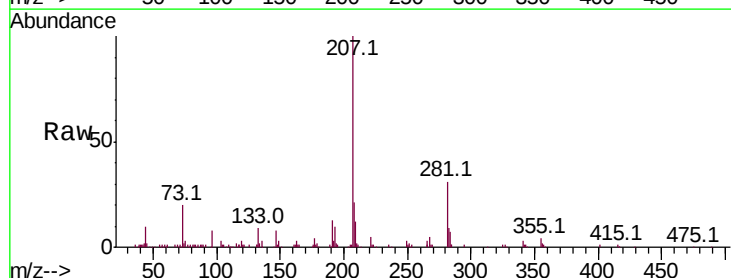
Tgt Ion:149 Resp: 2485

Ion Ratio Lower Upper

149 100

167 5.0 1.4 2.0#

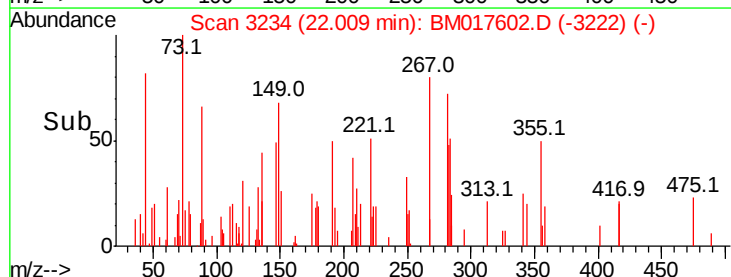
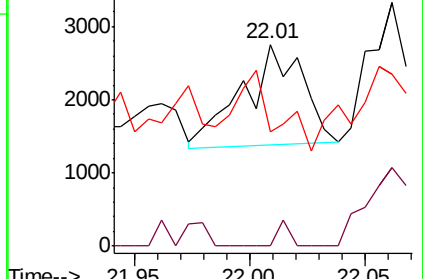
43 50.9 7.2 10.8#

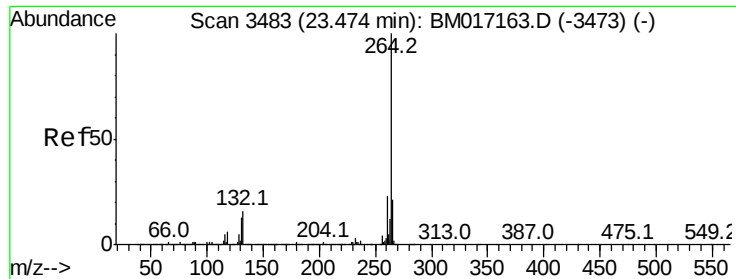


Abundance Ion 149.00 (148.70 to 149.70): E

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: BM017602.D
 Acq: 09 Nov 2018 21:36

Instrument :
 BNA_M
 ClientSampleId :
 W-1-D

Tot Ion:264 Resp: 1260047

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	22.1	17.8	26.8

