

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102318\
 Data File : BM017307.D
 Acq On : 24 Oct 2018 08:32
 Operator : MJ/SJ
 Sample : J5623-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 24 09:18:27 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

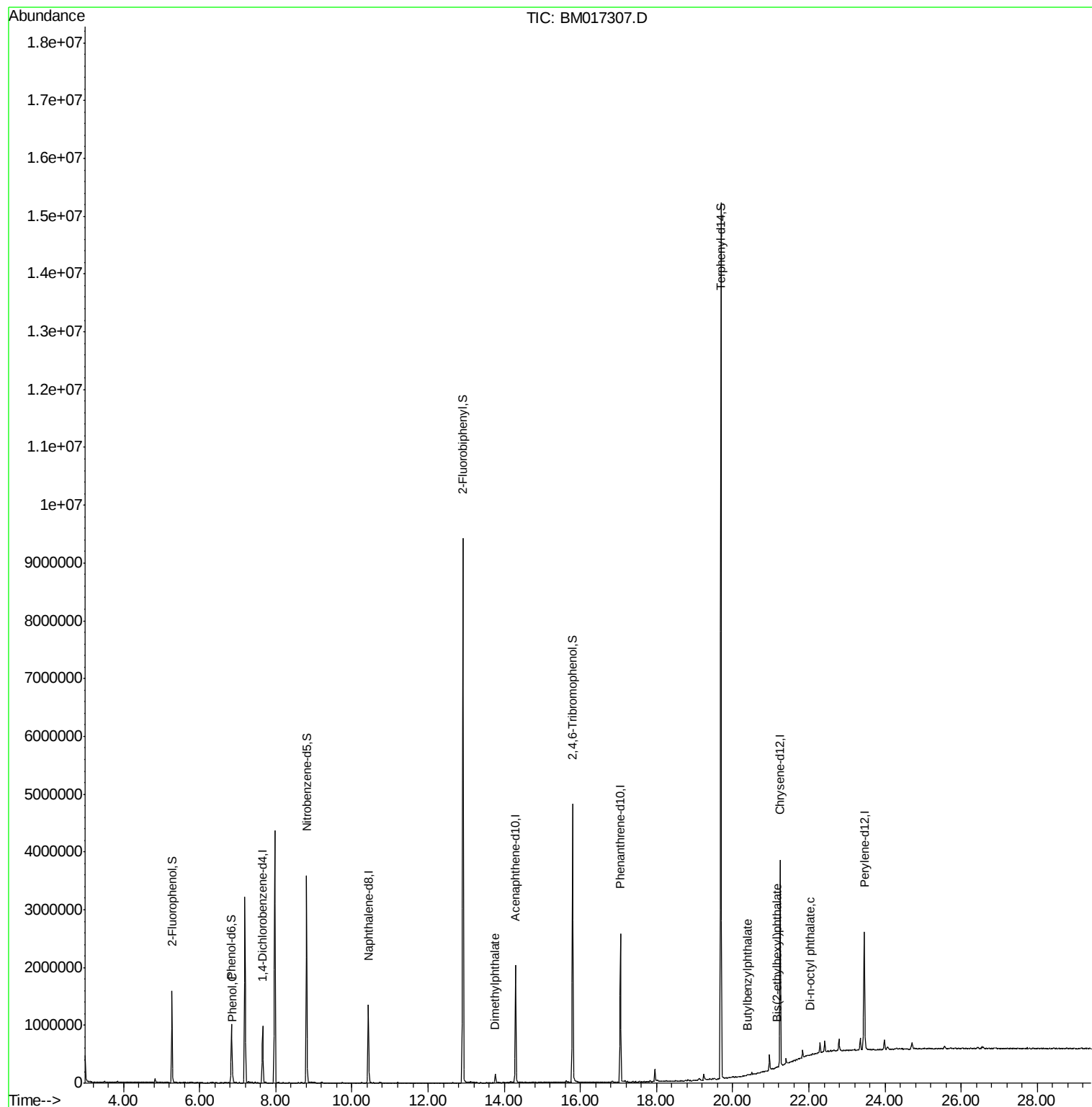
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	263456	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1110120	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	643801	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1514011	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1702308	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1481687	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	680873	43.71	ng	-0.01
7) Phenol-d6	6.84	99	583000	27.48	ng	-0.02
23) Nitrobenzene-d5	8.81	82	2031327	107.02	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	911594	104.70	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	4932558	101.94	ng	-0.02
79) Terphenyl-d14	19.69	244	6838716	90.55	ng	-0.01
Target Compounds						
10) Phenol	6.86	94	75202	3.294	ng	95
50) Dimethylphthalate	13.76	163	107457	2.163	ng	99
80) Butylbenzylphthalate	20.39	149	781	7.194	ng	# 93
84) Bis(2-ethylhexyl)phthalate	21.17	149	8034	5.437	ng	# 91
85) Di-n-octyl phthalate	22.04	149	1154	5.582	ng	# 1

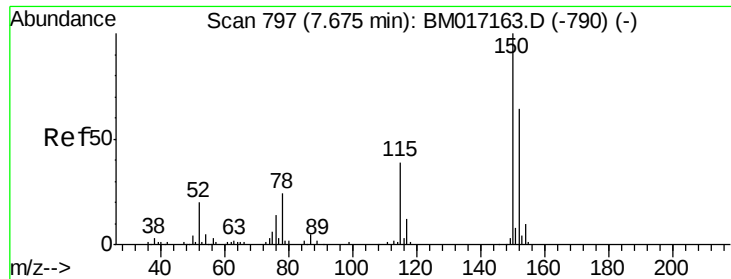
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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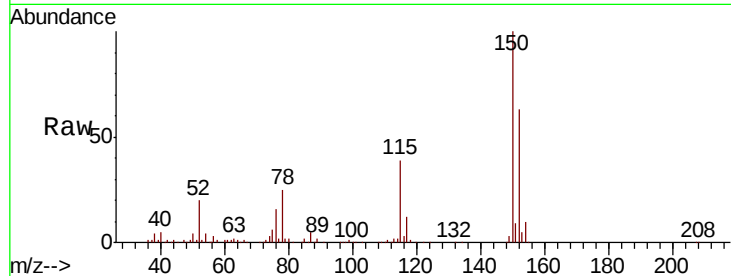


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM017307.D
Acq: 24 Oct 2018 08:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.3	186.5
115	61.7	48.1	72.1

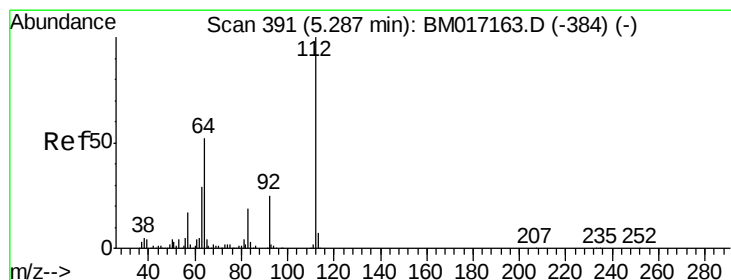
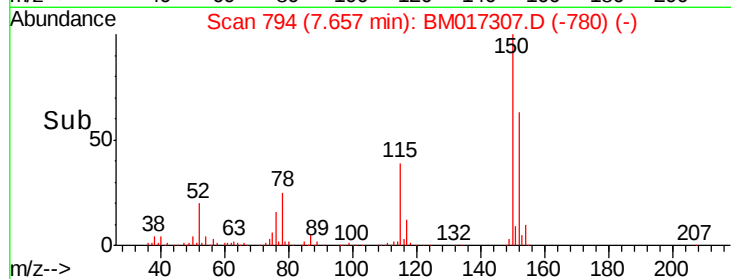
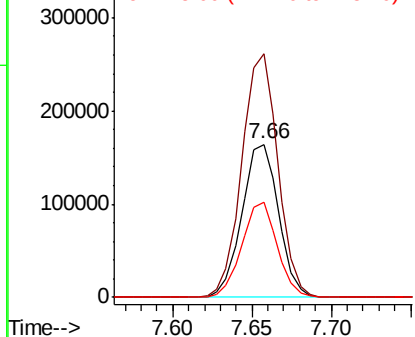


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

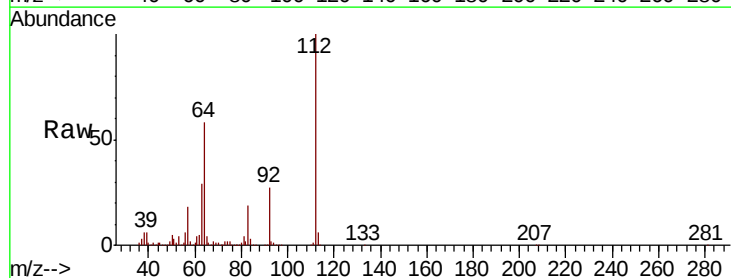
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.711 ng
RT: 5.27 min Scan# 389
Delta R.T. -0.01 min
Lab File: BM017307.D
Acq: 24 Oct 2018 08:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	41.7	62.5
63	29.2	23.0	34.4

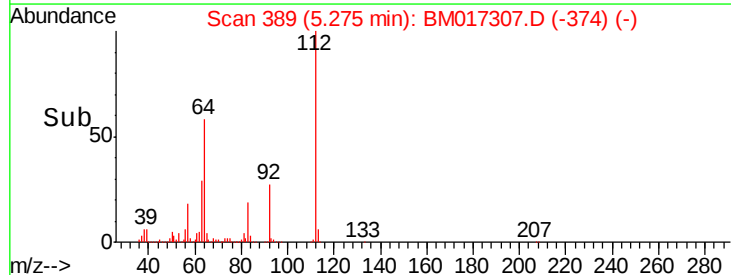
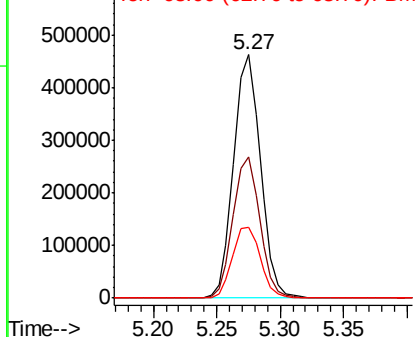


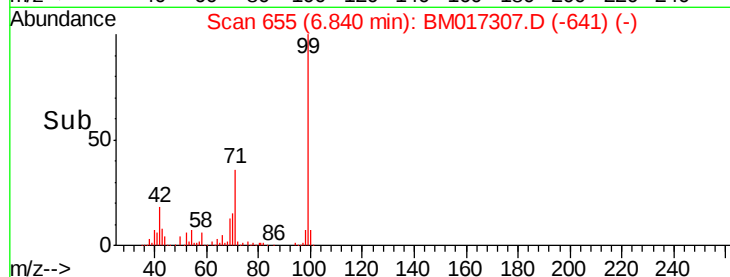
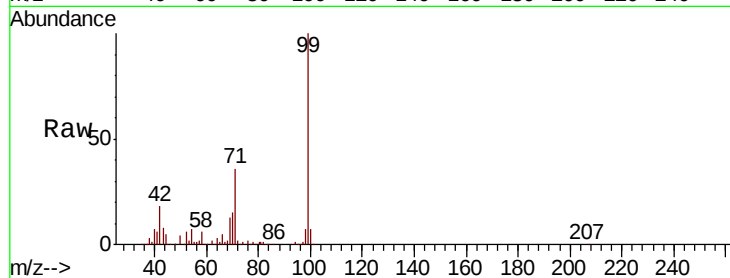
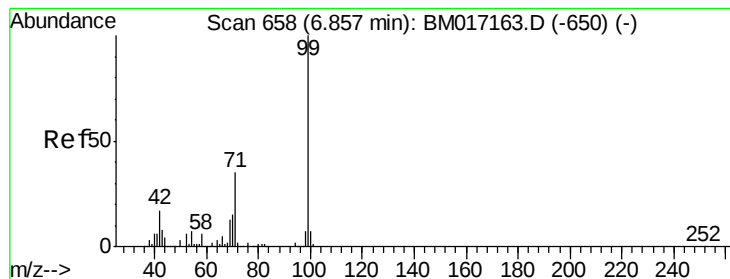
Abundance

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: 27.481 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017307.D

Acq: 24 Oct 2018 08:32

Instrument :

BNA_M

ClientSampleId :

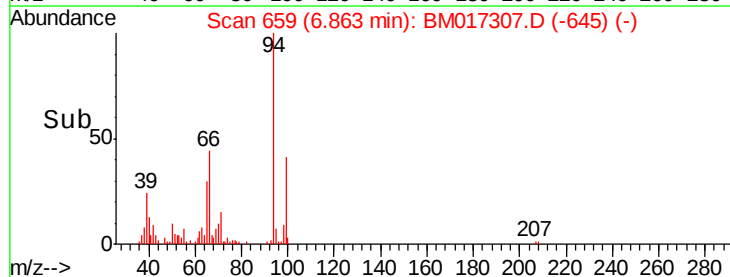
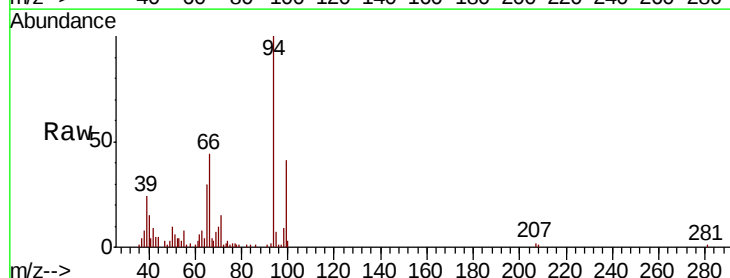
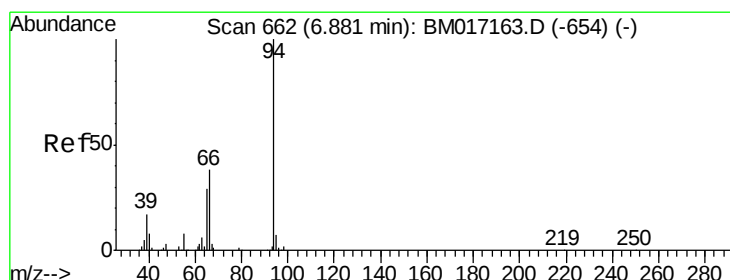
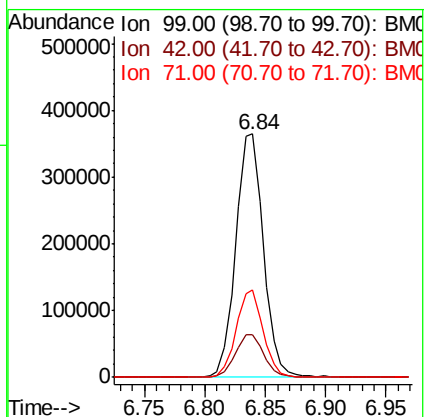
Tot Ion: 99 Resp: 583000

Ion Ratio Lower Upper

99 100

42 17.6 13.3 19.9

71 35.7 28.0 42.0



#10

Phenol

Concen: 3.294 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.02 min

Lab File: BM017307.D

Acq: 24 Oct 2018 08:32

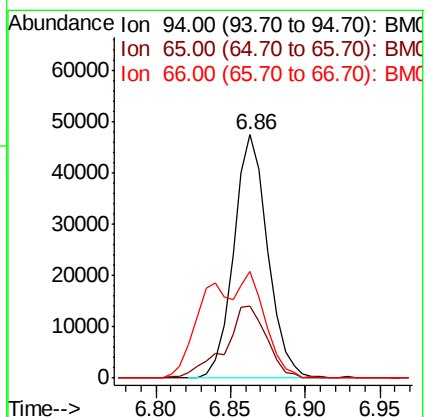
Tgt Ion: 94 Resp: 75202

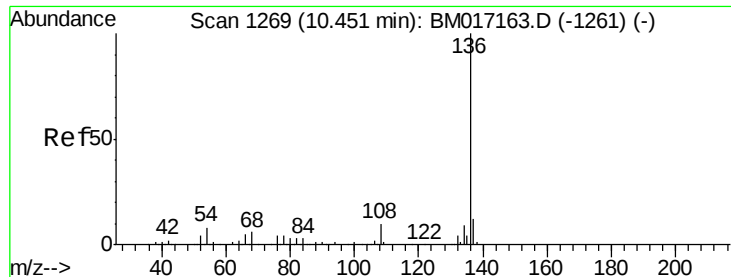
Ion Ratio Lower Upper

94 100

65 29.7 9.4 49.4

66 43.6 19.0 59.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM017307.D

Acq: 24 Oct 2018 08:32

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1110120

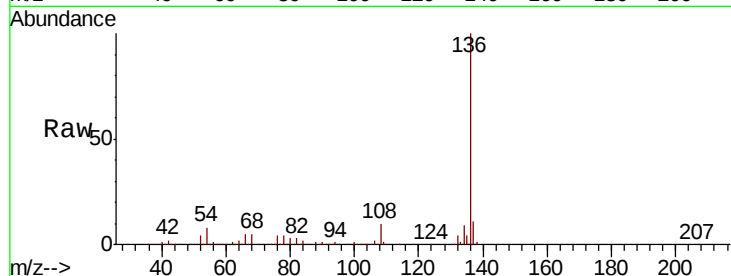
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 7.6 6.7 10.1

68 5.5 4.7 7.1

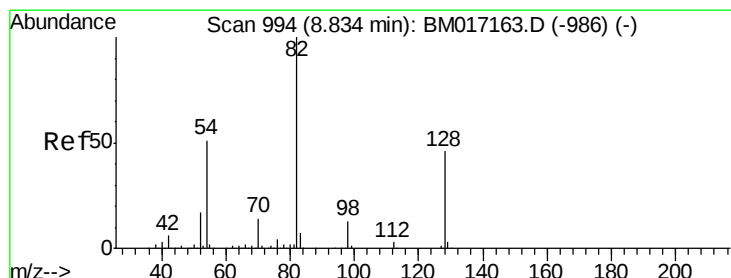
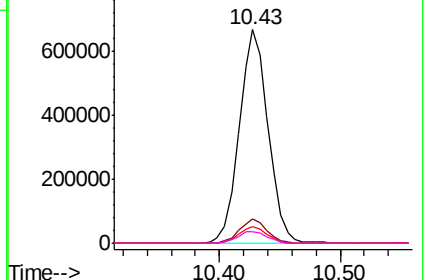
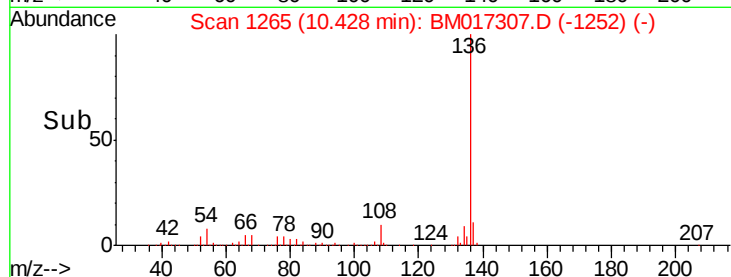


Abundance Ion 136.00 (135.70 to 136.70): E

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: 107.019 ng

RT: 8.81 min Scan# 990

Delta R.T. -0.02 min

Lab File: BM017307.D

Acq: 24 Oct 2018 08:32

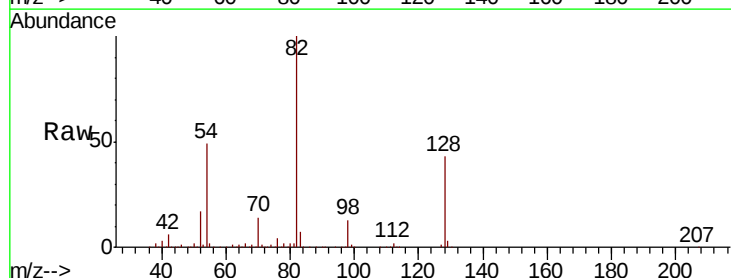
Tgt Ion: 82 Resp: 2031327

Ion Ratio Lower Upper

82 100

128 43.2 37.0 55.6

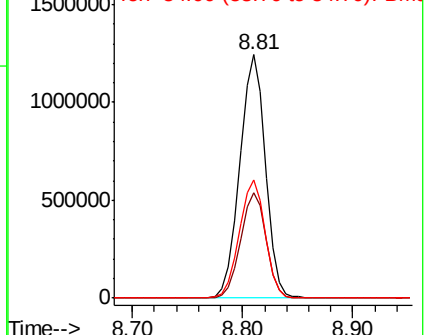
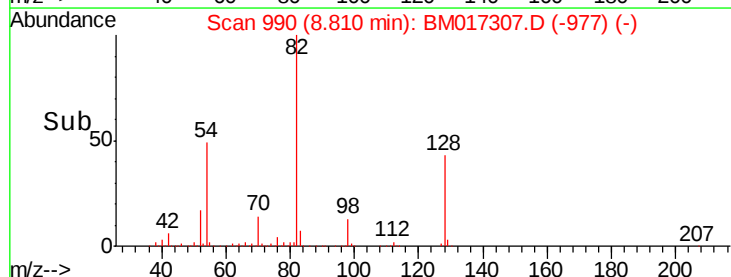
54 48.6 40.7 61.1

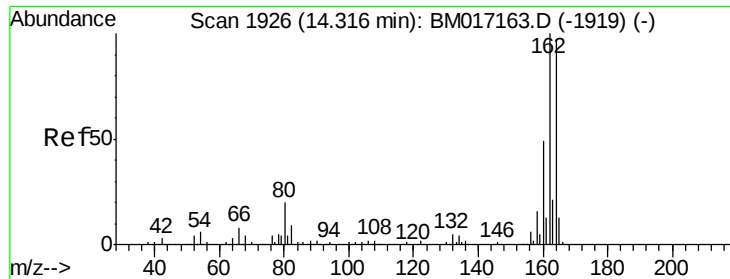


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

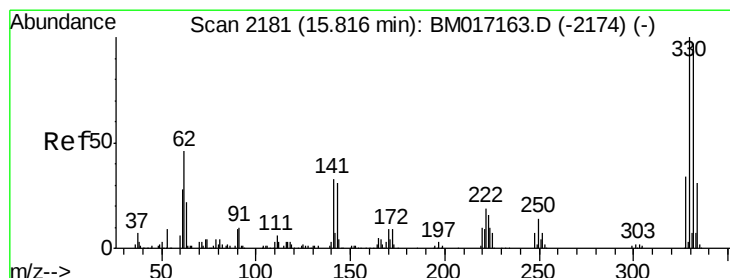
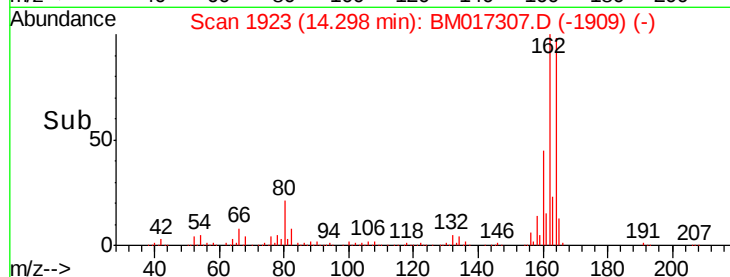
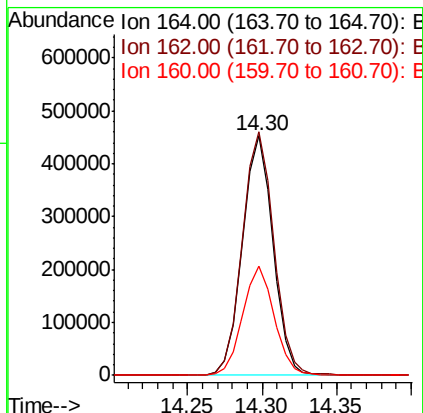
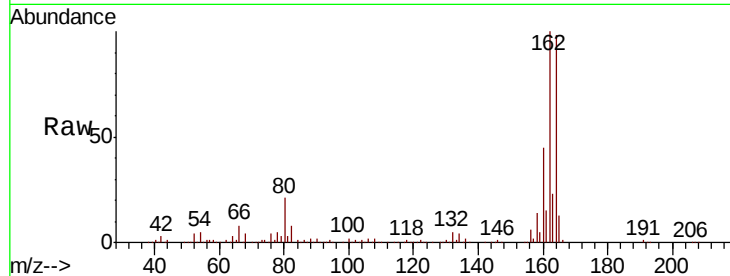




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.02 min
 Lab File: BM017307.D
 Acq: 24 Oct 2018 08:32

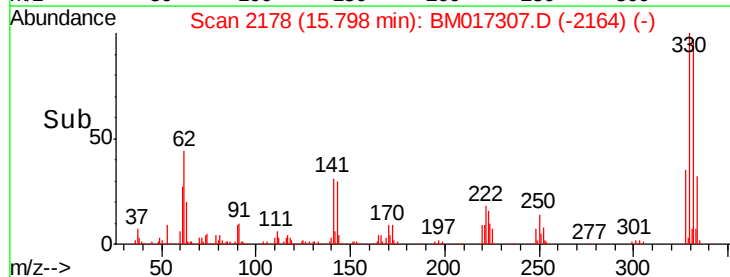
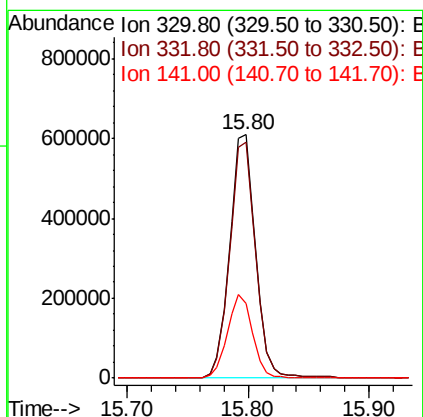
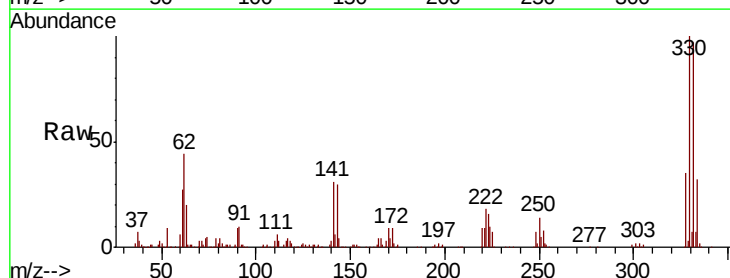
Instrument :
 BNA_M
 ClientSampleId :

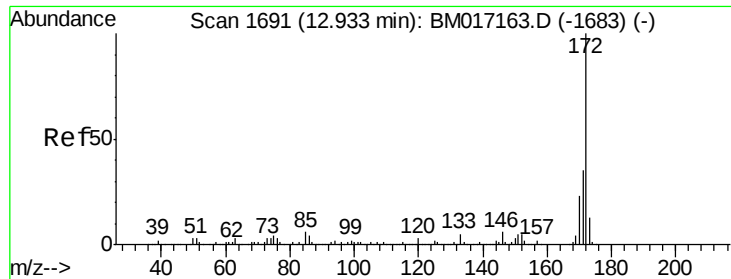
Tot Ion:164 Resp: 643801
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.1 123.1
 160 45.4 40.2 60.2



#42
 2,4,6-Tribromophenol
 Concen: 104.703 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BM017307.D
 Acq: 24 Oct 2018 08:32

Tgt Ion:330 Resp: 911594
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.3 115.9
 141 33.4 27.4 41.0



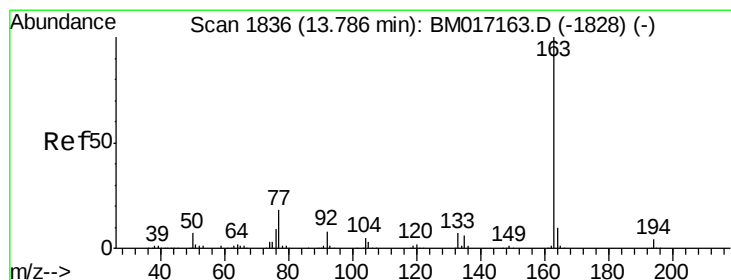
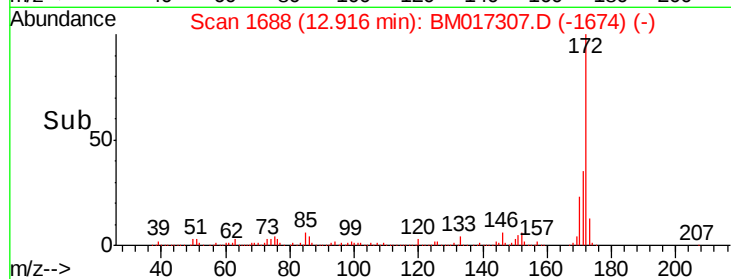
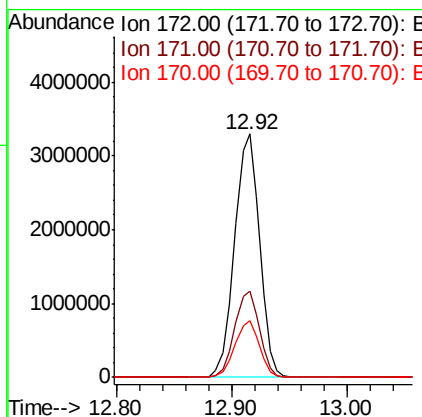
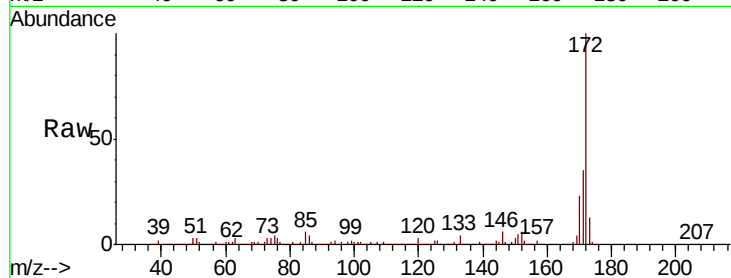


#45
 2-Fluorobiphenyl
 Concen: 101.941 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM017307.D
 Acq: 24 Oct 2018 08:32

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 4932558

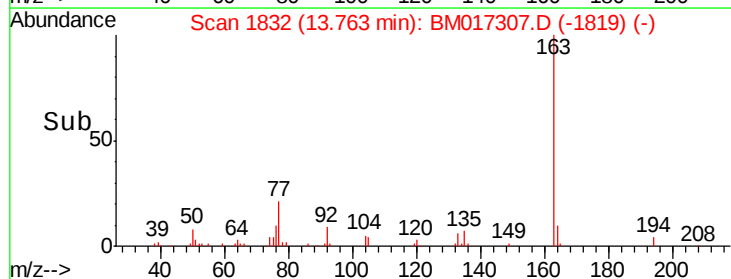
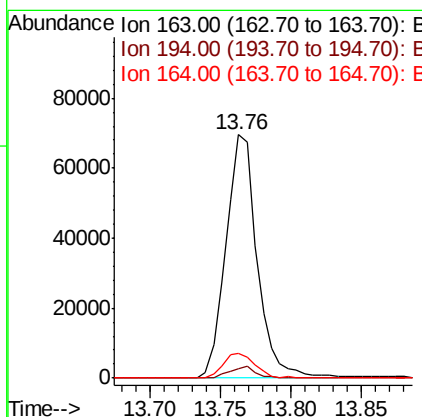
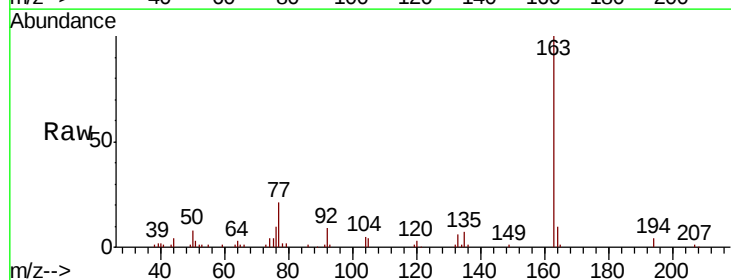
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	23.3	18.3	27.5

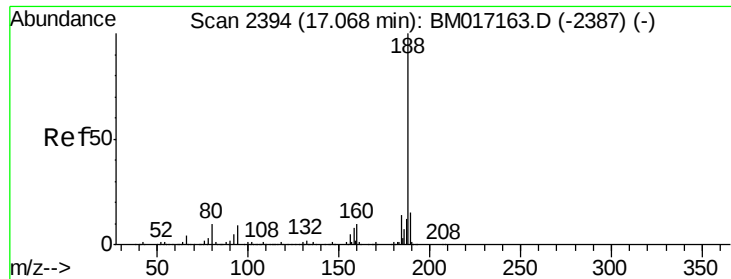


#50
 Dimethylphthalate
 Concen: 2.163 ng
 RT: 13.76 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BM017307.D
 Acq: 24 Oct 2018 08:32

Tgt Ion:163 Resp: 107457

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	10.0	7.8	11.8

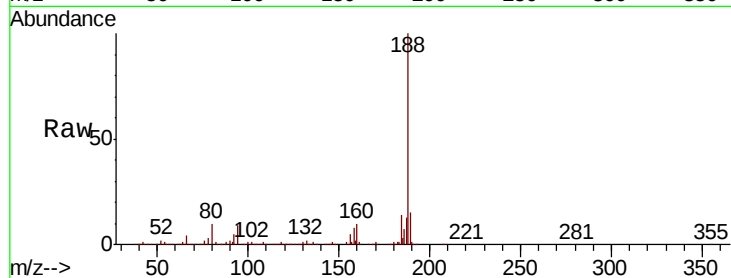




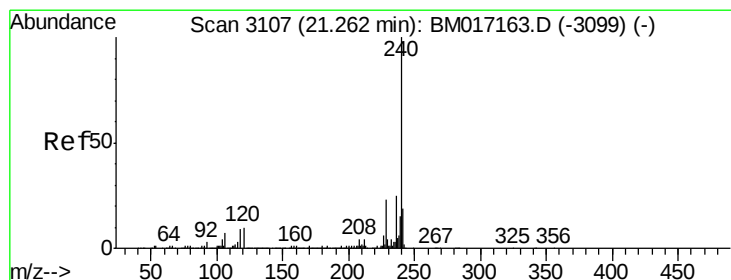
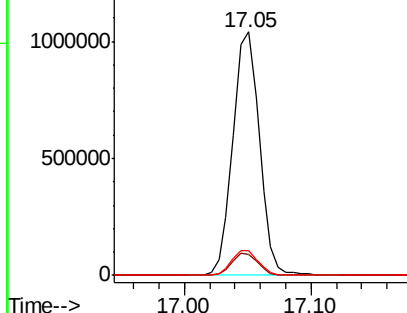
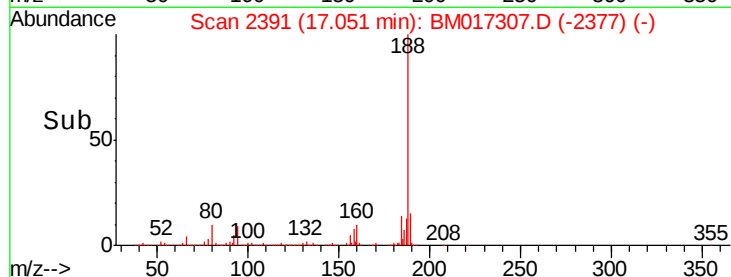
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM017307.D
Acq: 24 Oct 2018 08:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 1514011
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.4
80 9.9 7.7 11.5

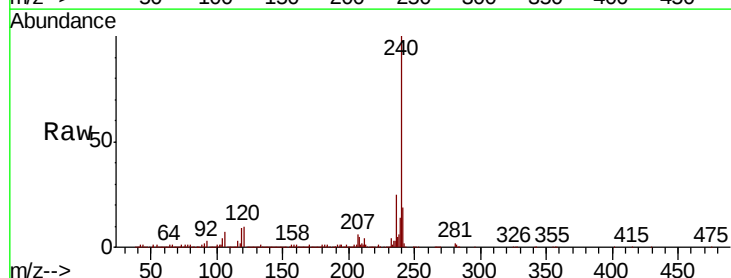


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

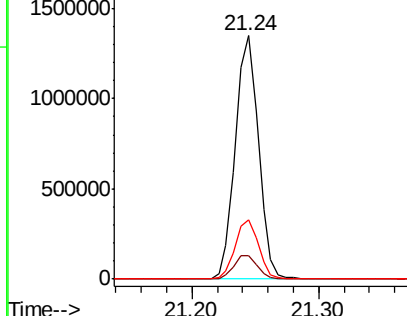
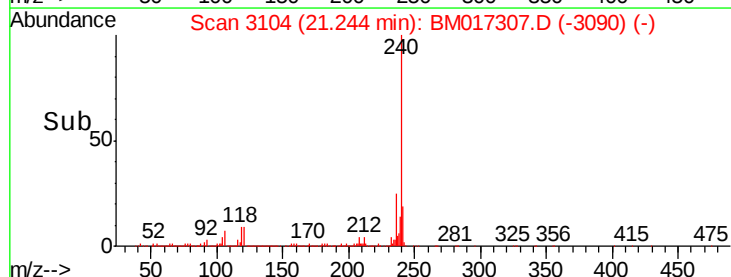


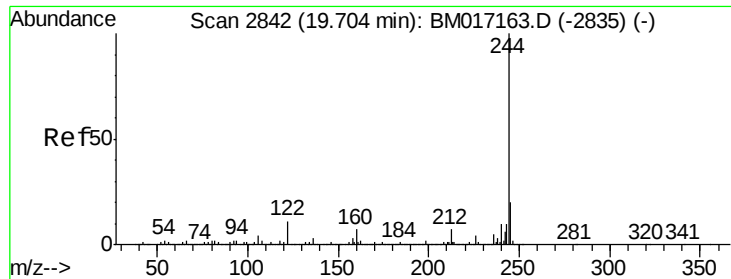
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BM017307.D
Acq: 24 Oct 2018 08:32

Tgt Ion:240 Resp: 1702308
Ion Ratio Lower Upper
240 100
120 9.5 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: 90.550 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017307.D

Acq: 24 Oct 2018 08:32

Instrument :

BNA_M

ClientSampleId :

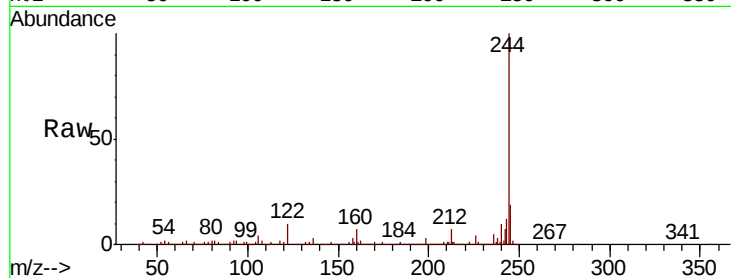
Tot Ion:244 Resp: 6838716

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

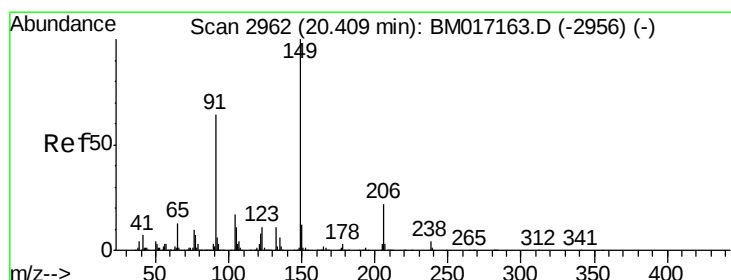
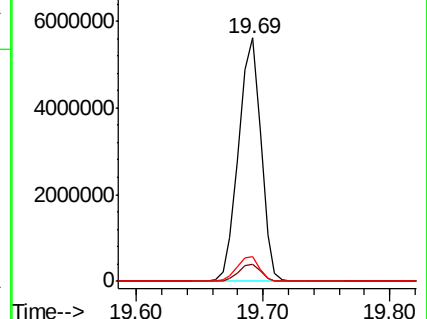
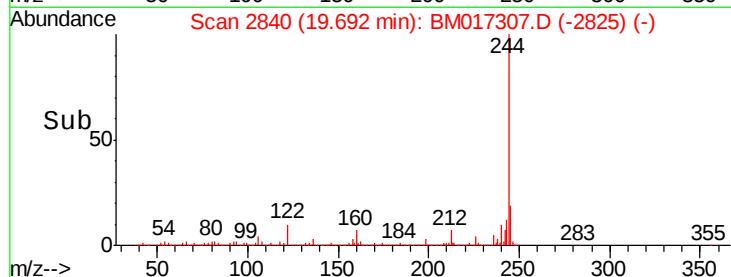
122 10.1 8.4 12.6



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: 7.194 ng

RT: 20.39 min Scan# 2958

Delta R.T. -0.02 min

Lab File: BM017307.D

Acq: 24 Oct 2018 08:32

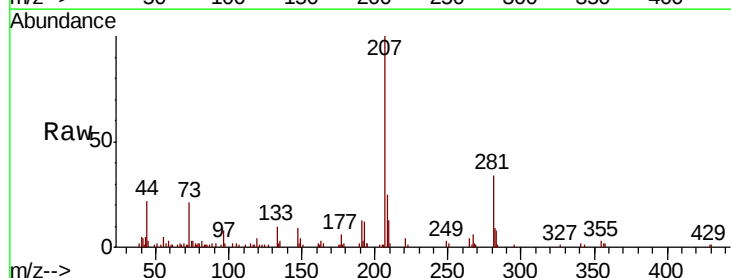
Tgt Ion:149 Resp: 781

Ion Ratio Lower Upper

149 100

91 66.8 51.3 76.9

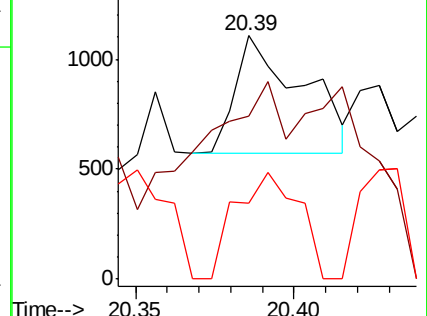
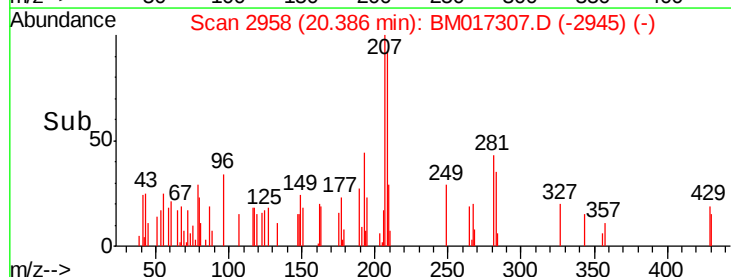
206 31.2 18.0 27.0#

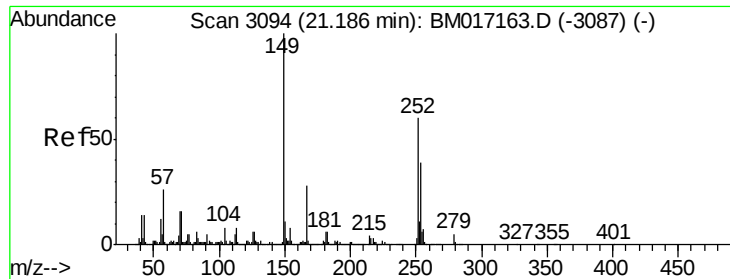


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.437 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM017307.D

Acq: 24 Oct 2018 08:32

Instrument :

BNA_M

ClientSampleId :

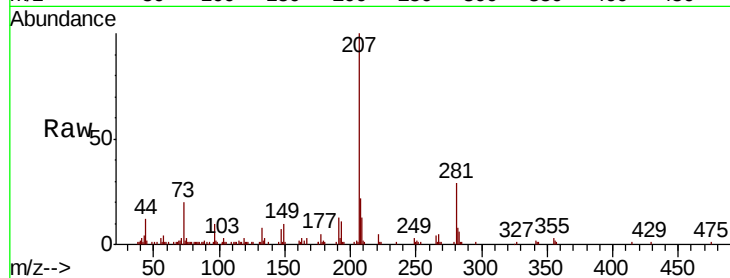
Tot Ion:149 Resp: 8034

Ion Ratio Lower Upper

149 100

167 32.4 22.2 33.4

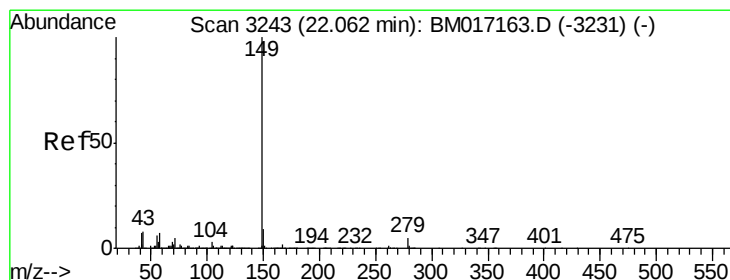
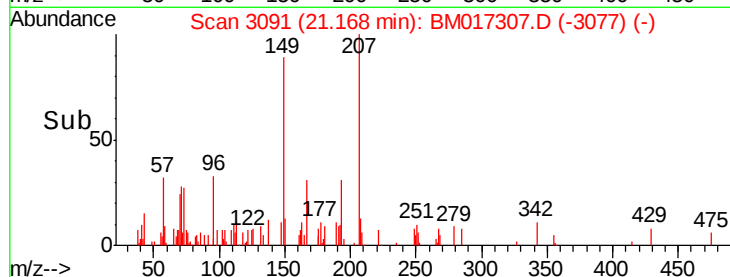
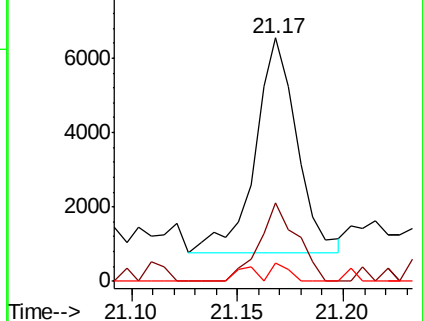
279 7.7 3.6 5.4#



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: 5.582 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.02 min

Lab File: BM017307.D

Acq: 24 Oct 2018 08:32

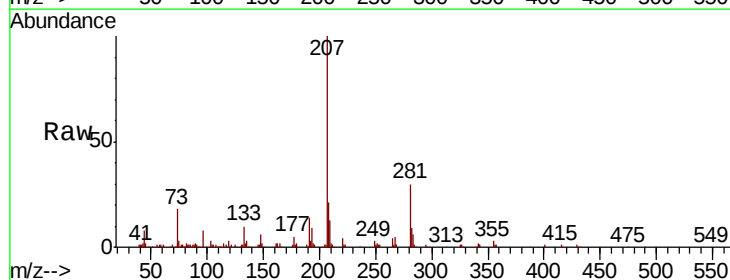
Tgt Ion:149 Resp: 1154

Ion Ratio Lower Upper

149 100

167 35.8 1.4 2.0#

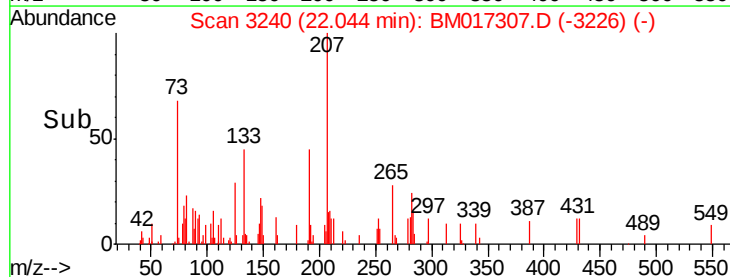
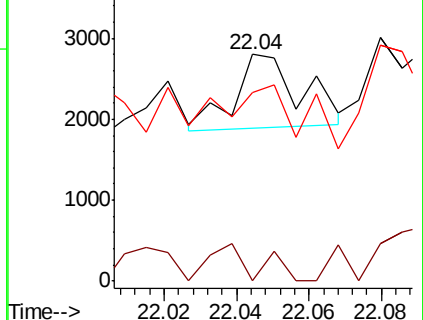
43 71.4 7.2 10.8#

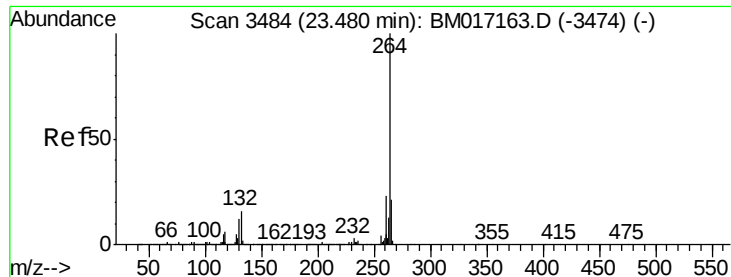


Abundance Ion 149.00 (148.70 to 149.70): E

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: BM017307.D
 Acq: 24 Oct 2018 08:32

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 264 Resp: 1481687

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	21.8	17.8	26.8

