

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102218\
 Data File : BM017278.D
 Acq On : 22 Oct 2018 14:29
 Operator : MJ/SJ
 Sample : J5575-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 07:19:40 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

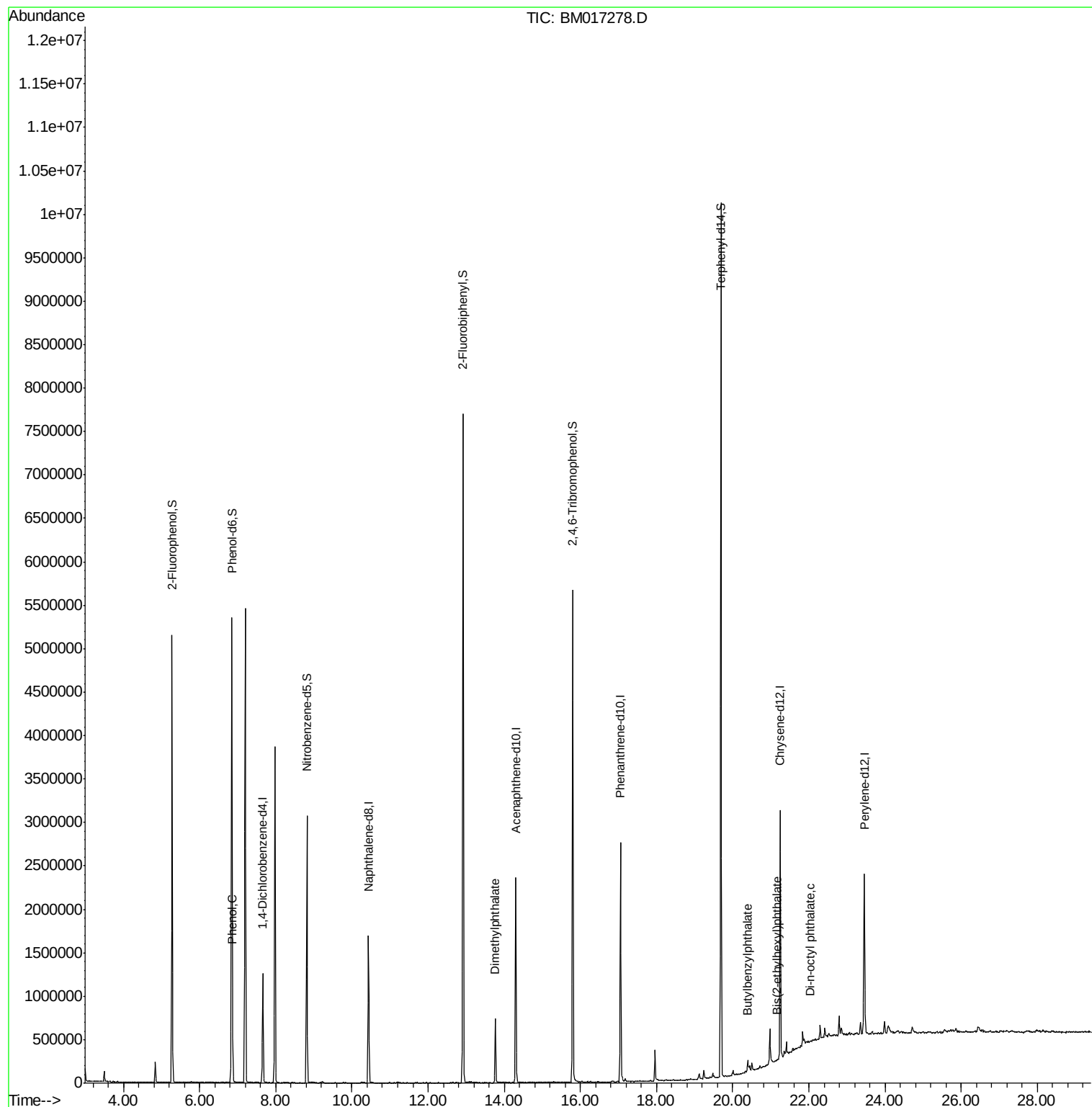
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	330782	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1380117	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	773320	20.00	ng	-0.01
64) Phenanthrene-d10	17.05	188	1561102	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1304286	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1282766	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	2140810	109.46	ng	-0.01
7) Phenol-d6	6.85	99	2945018	110.56	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1782412	75.53	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1034439	98.91	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	4063961	69.92	ng	-0.02
79) Terphenyl-d14	19.69	244	4488619	77.57	ng	-0.01
Target Compounds						
10) Phenol	6.87	94	129019	4.501	ng	Qvalue 97
50) Dimethylphthalate	13.76	163	479563	8.038	ng	99
80) Butylbenzylphthalate	20.40	149	1017	7.207	ng	# 68
84) Bis(2-ethylhexyl)phthalate	21.17	149	3444	5.380	ng	# 95
85) Di-n-octyl phthalate	22.05	149	969	5.583	ng	# 1

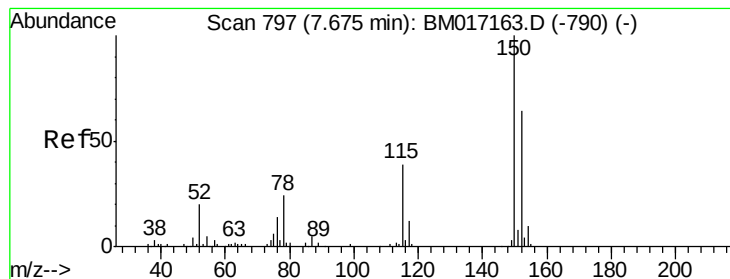
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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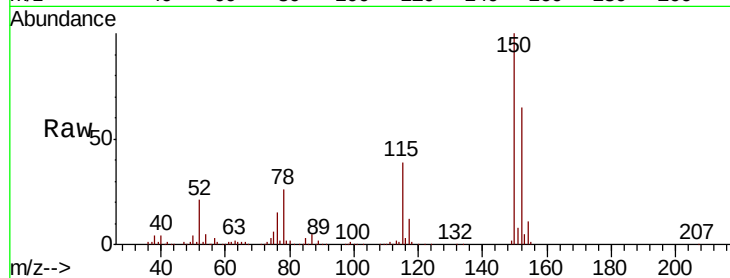


#1

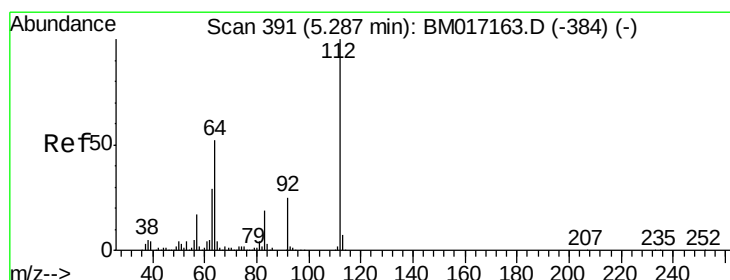
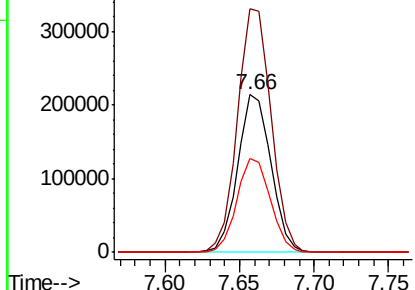
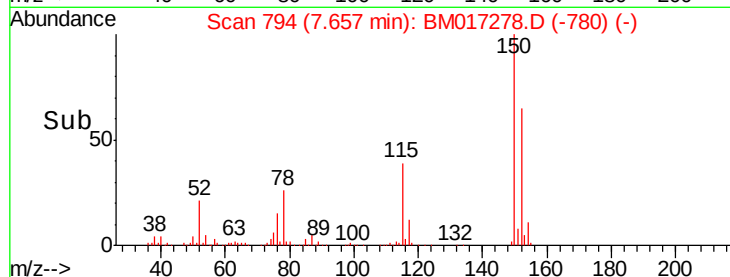
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM017278.D
Acq: 22 Oct 2018 14:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 330782
Ion Ratio Lower Upper
152 100
150 154.8 124.3 186.5
115 60.1 48.1 72.1



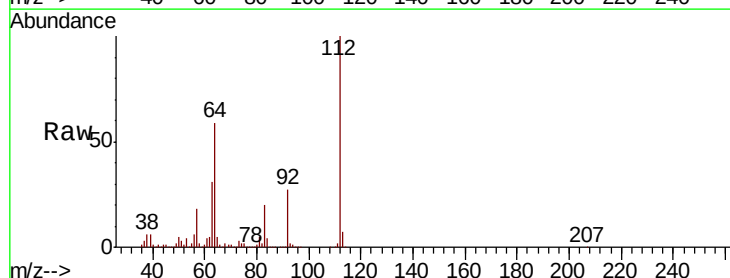
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



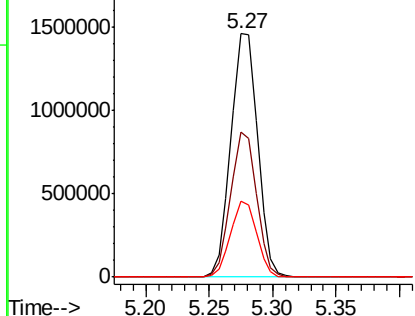
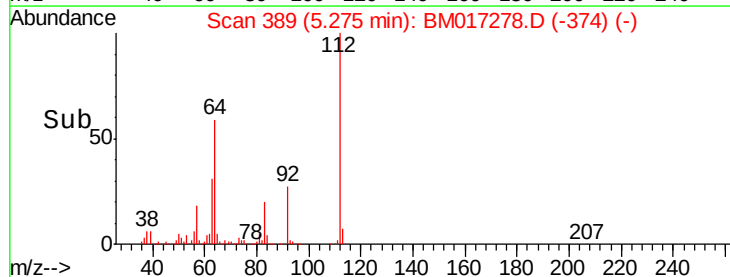
#5

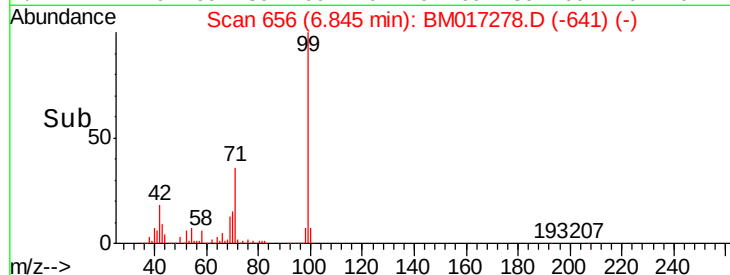
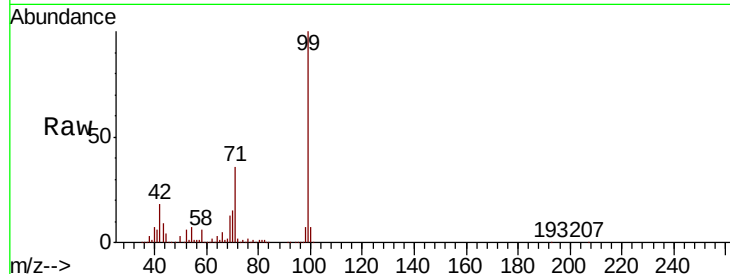
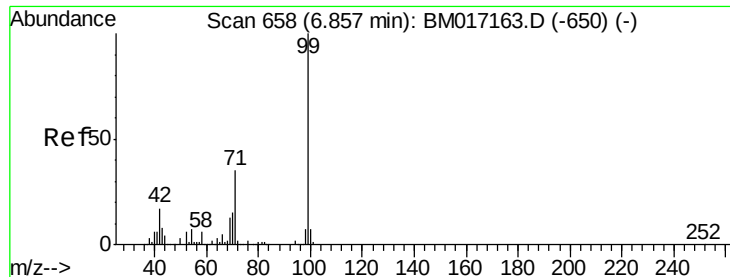
2-Fluorophenol
Concen: 109.463 ng
RT: 5.27 min Scan# 389
Delta R.T. -0.01 min
Lab File: BM017278.D
Acq: 22 Oct 2018 14:29

Tgt Ion:112 Resp: 2140810
Ion Ratio Lower Upper
112 100
64 59.5 41.7 62.5
63 31.2 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: 110.565 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017278.D

Acq: 22 Oct 2018 14:29

Instrument :

BNA_M

ClientSampled :

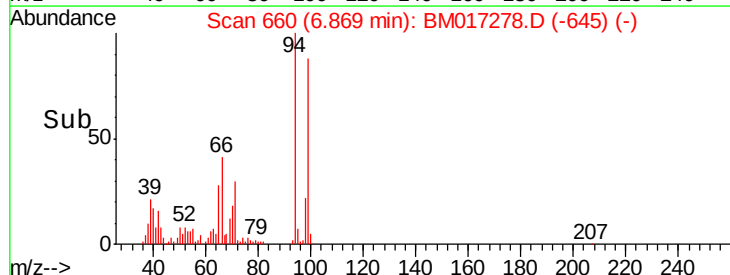
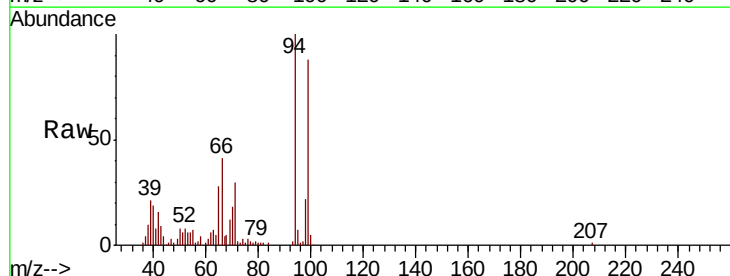
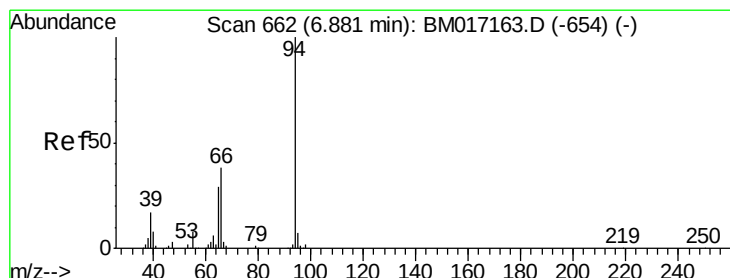
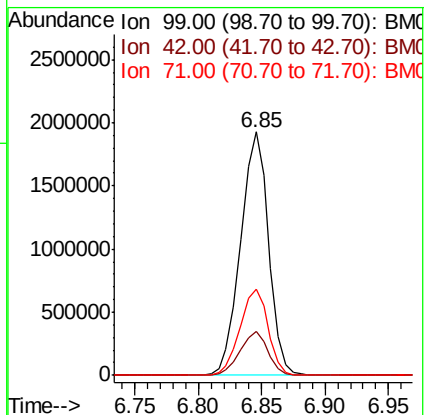
Tot Ion: 99 Resp: 2945018

Ion Ratio Lower Upper

99 100

42 17.8 13.3 19.9

71 35.6 28.0 42.0



#10

Phenol

Concen: 4.501 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM017278.D

Acq: 22 Oct 2018 14:29

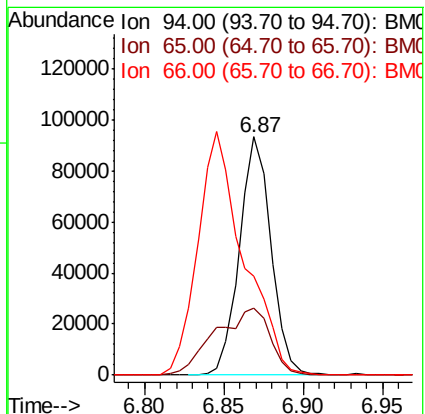
Tgt Ion: 94 Resp: 129019

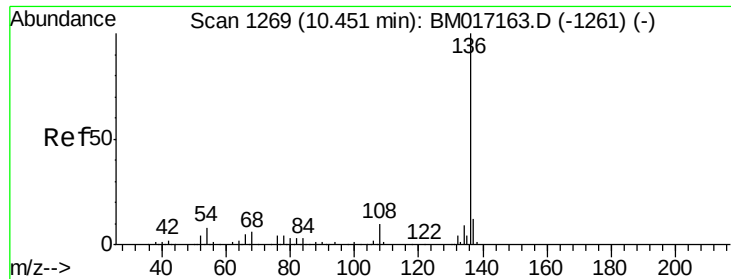
Ion Ratio Lower Upper

94 100

65 28.3 9.4 49.4

66 41.4 19.0 59.0

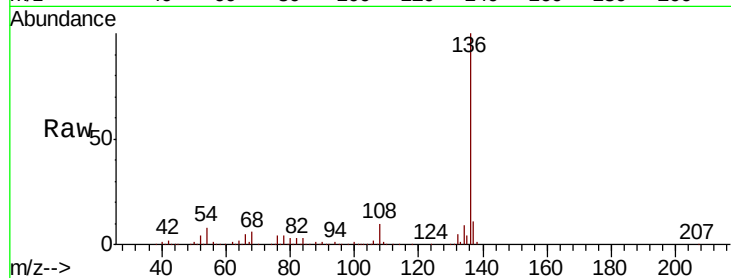




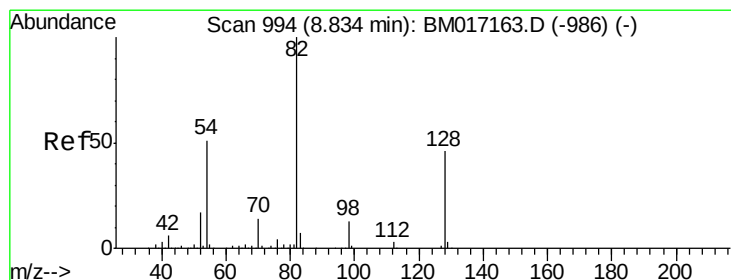
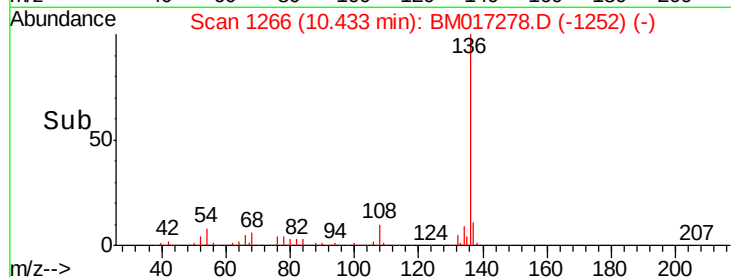
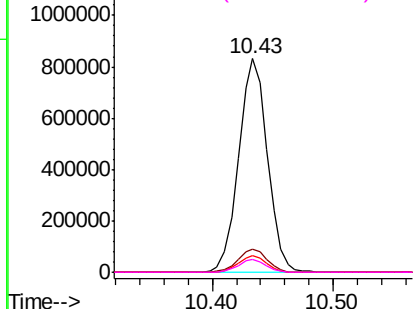
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM017278.D
Acq: 22 Oct 2018 14:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136 Resp: 1380117
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.9 6.7 10.1
68 5.8 4.7 7.1

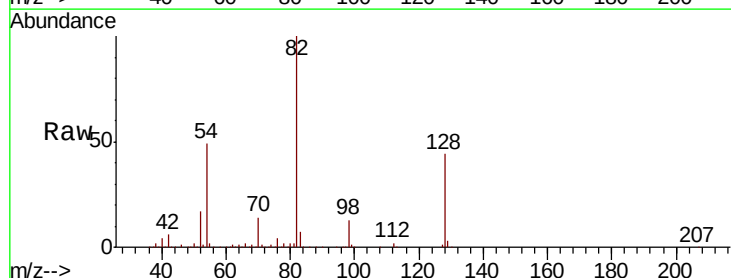


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

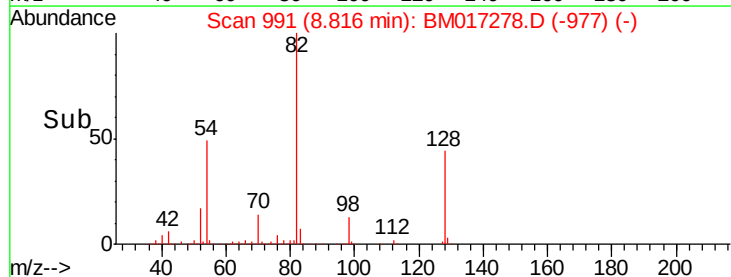
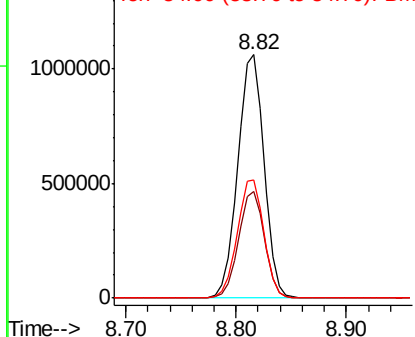


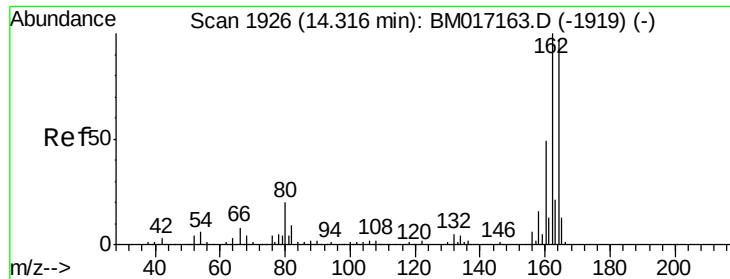
#23
Nitrobenzene-d5
Concen: 75.534 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM017278.D
Acq: 22 Oct 2018 14:29

Tgt Ion: 82 Resp: 1782412
Ion Ratio Lower Upper
82 100
128 43.6 37.0 55.6
54 48.7 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

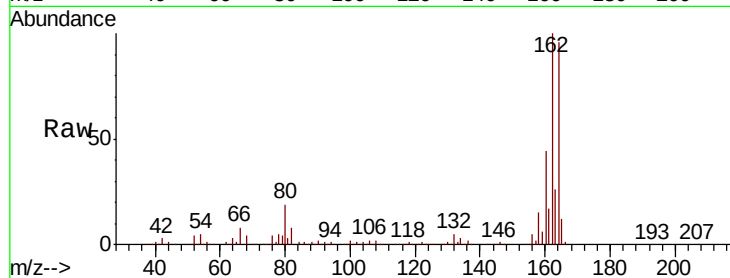




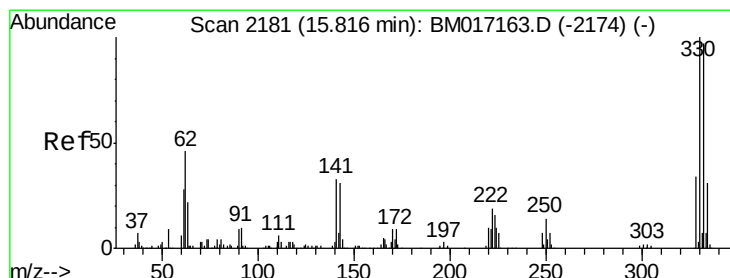
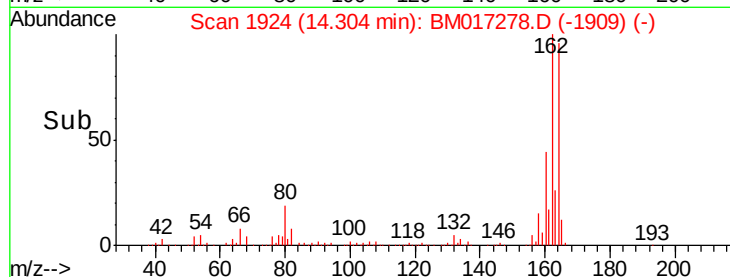
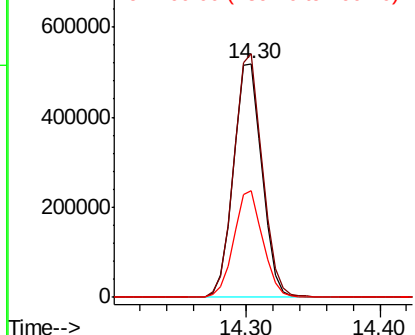
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017278.D
Acq: 22 Oct 2018 14:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 773320
Ion Ratio Lower Upper
164 100
162 104.1 82.1 123.1
160 45.7 40.2 60.2

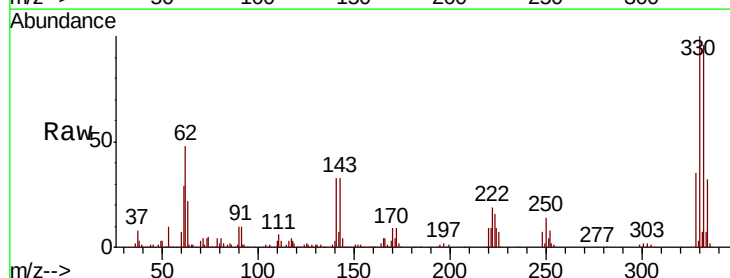


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

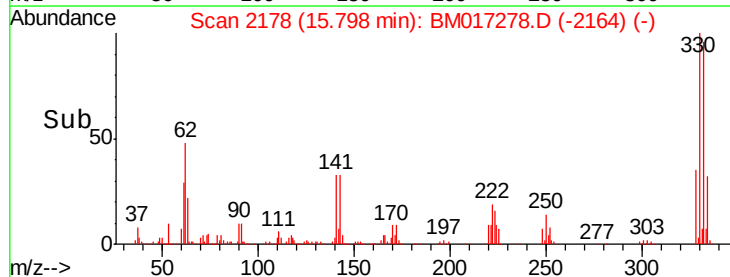
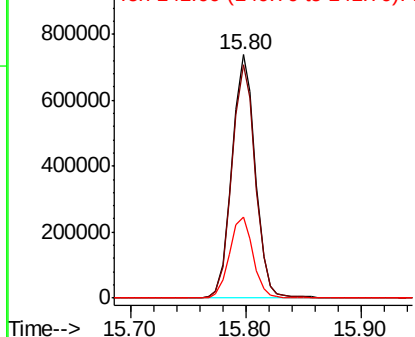


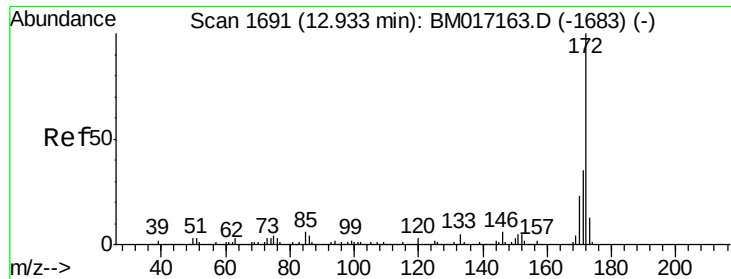
#42
2,4,6-Tribromophenol
Concen: 98.913 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BM017278.D
Acq: 22 Oct 2018 14:29

Tgt Ion:330 Resp: 1034439
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 33.6 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

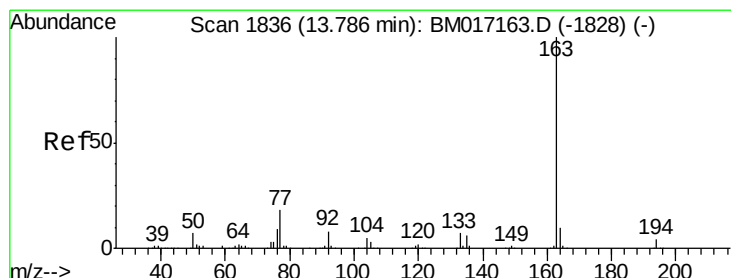
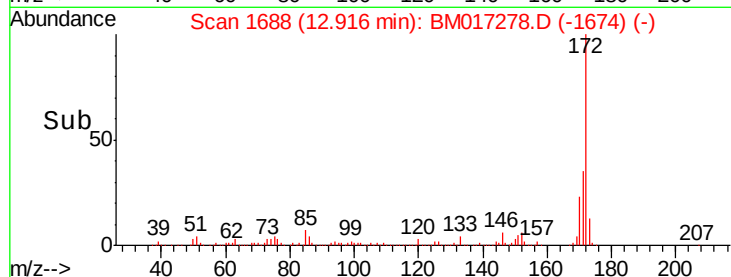
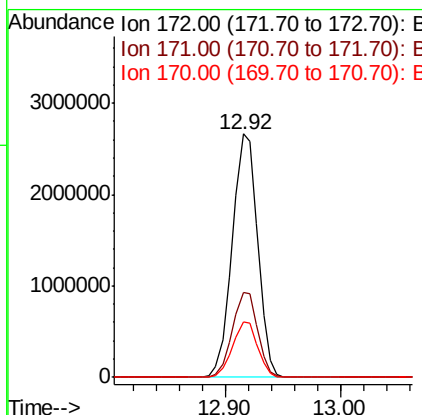
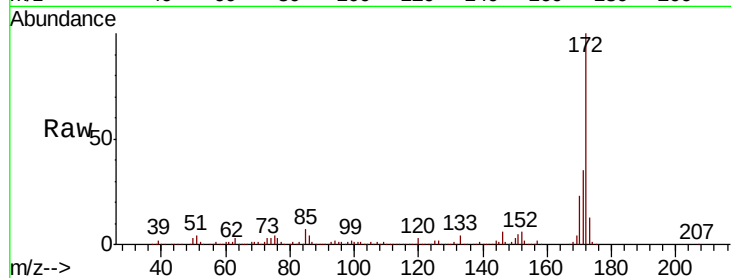




#45
2-Fluorobiphenyl
Concen: 69.923 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BM017278.D
Acq: 22 Oct 2018 14:29

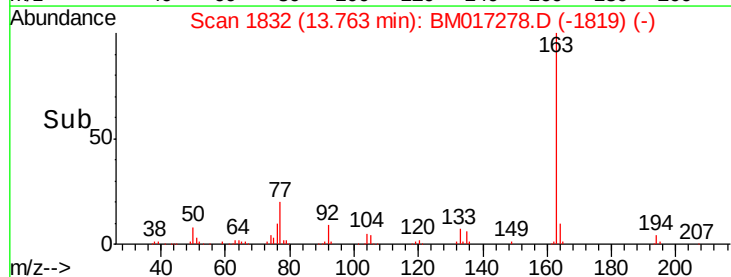
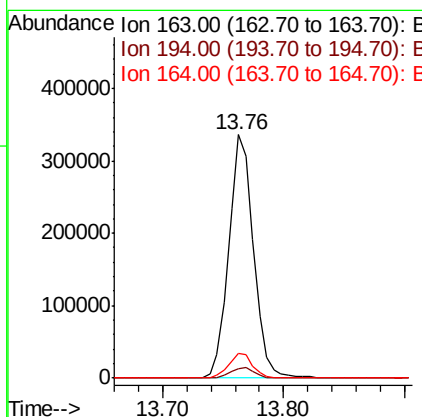
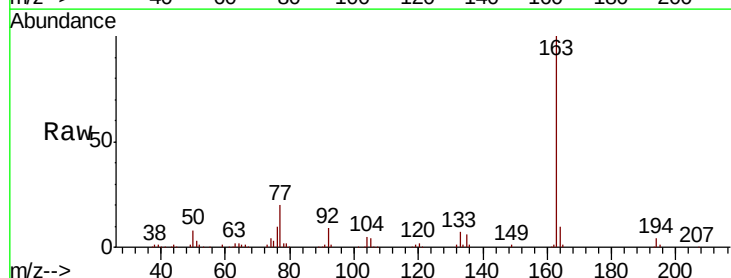
Instrument :
BNA_M
ClientSampleId :

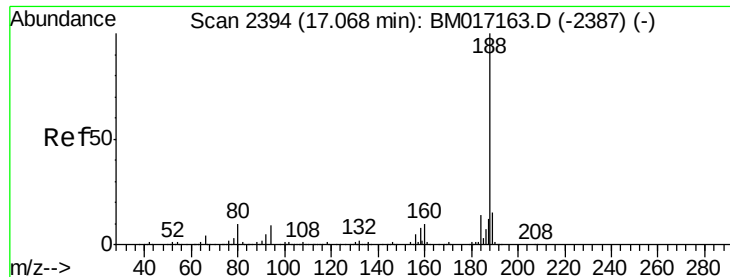
Tot Ion:172 Resp: 4063961
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.9 18.3 27.5



#50
Dimethylphthalate
Concen: 8.038 ng
RT: 13.76 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BM017278.D
Acq: 22 Oct 2018 14:29

Tgt Ion:163 Resp: 479563
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.0 7.8 11.8

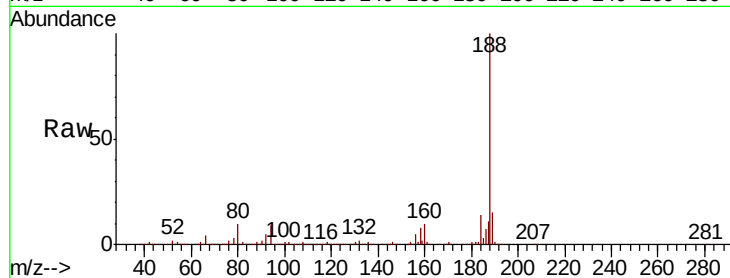




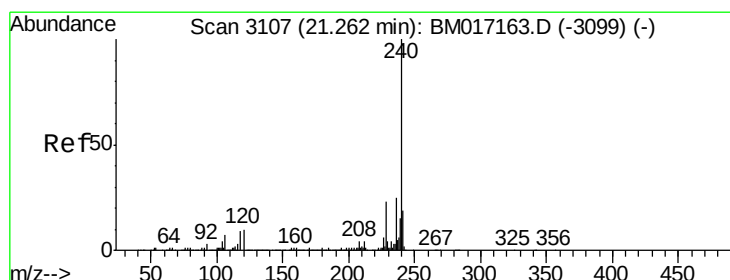
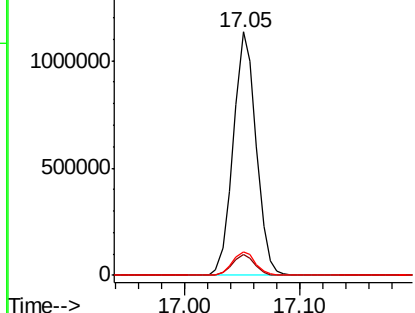
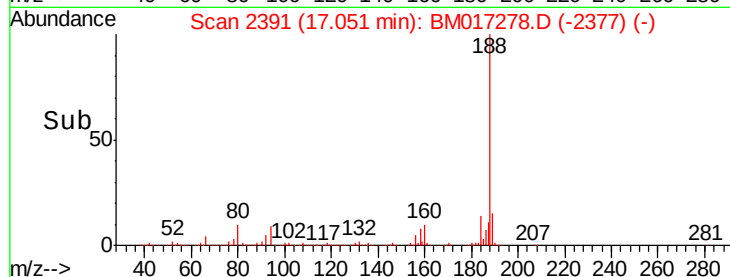
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM017278.D
Acq: 22 Oct 2018 14:29

Instrument :
BNA_M
ClientSampled :

Tot Ion:188 Resp: 1561102
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.8 7.7 11.5

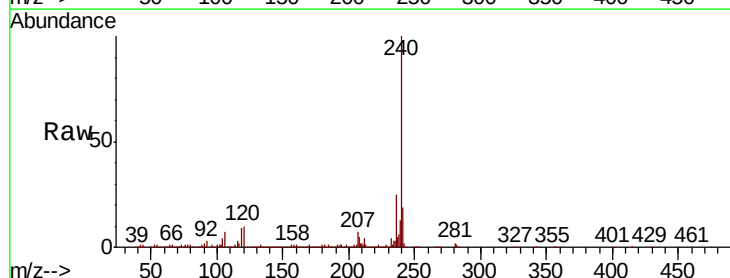


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

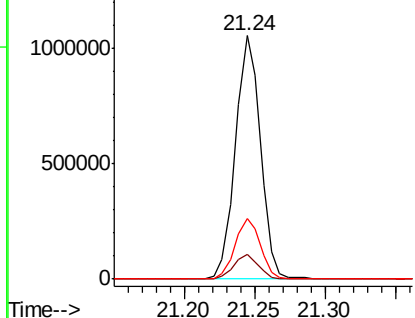
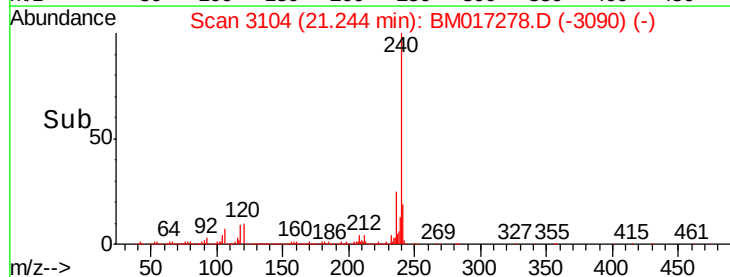


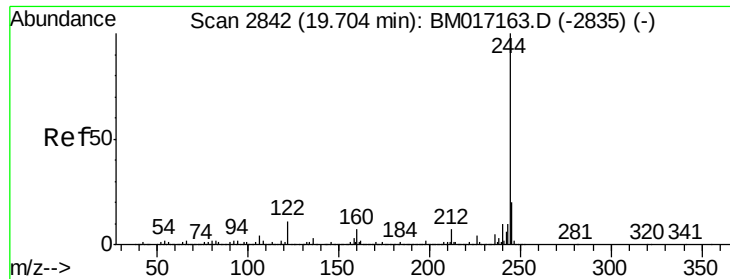
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BM017278.D
Acq: 22 Oct 2018 14:29

Tgt Ion:240 Resp: 1304286
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 25.1 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: 77.570 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017278.D

Acq: 22 Oct 2018 14:29

Instrument :

BNA_M

ClientSampleId :

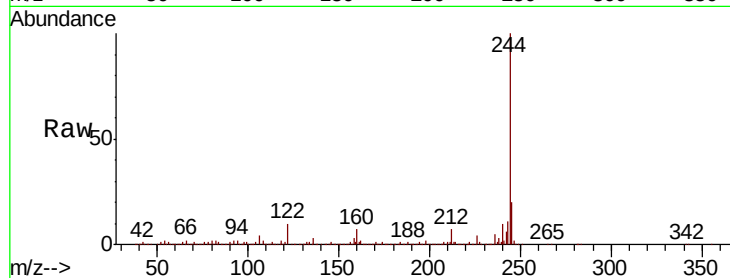
Tot Ion:244 Resp: 4488619

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

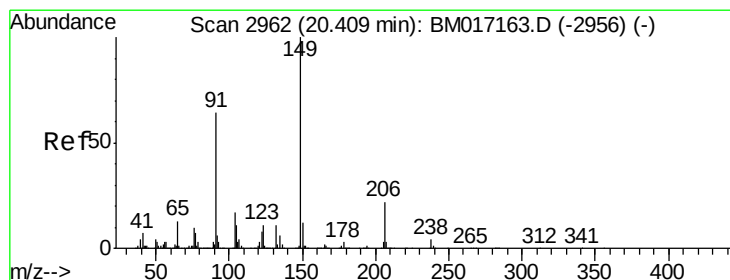
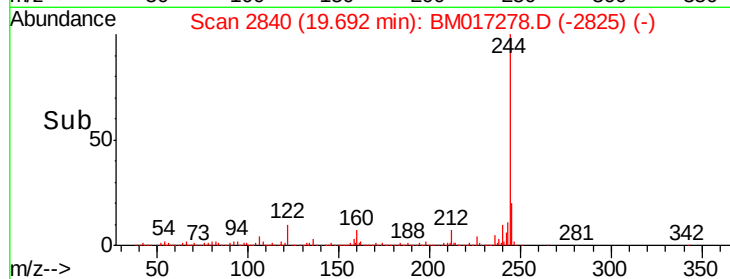
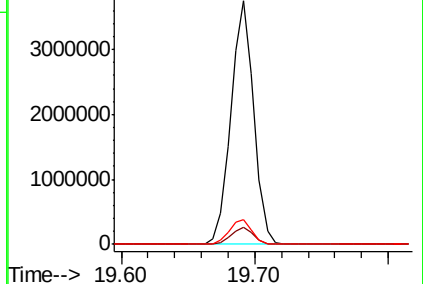
122 10.0 8.4 12.6



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



#80

Butylbenzylphthalate

Concen: 7.207 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM017278.D

Acq: 22 Oct 2018 14:29

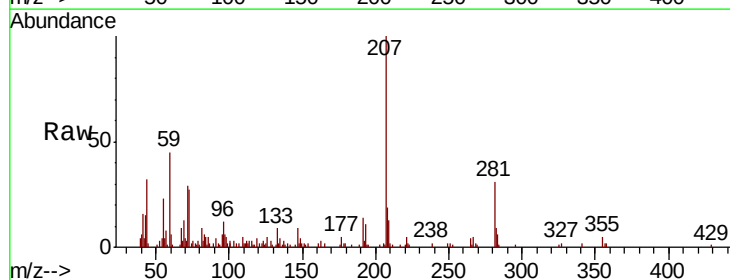
Tgt Ion:149 Resp: 1017

Ion Ratio Lower Upper

149 100

91 92.2 51.3 76.9#

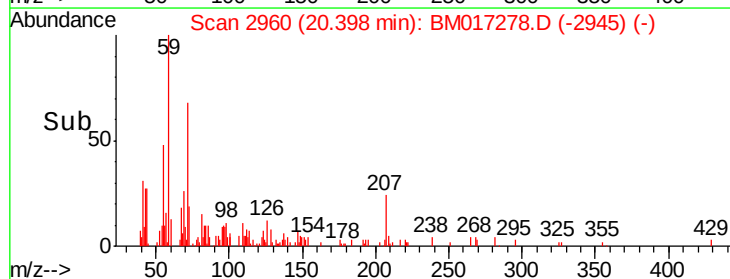
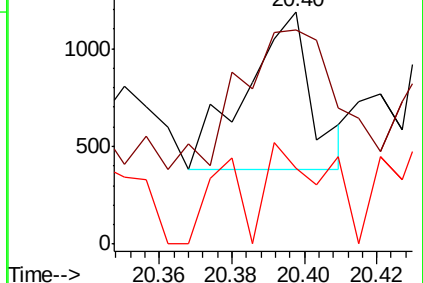
206 32.5 18.0 27.0#

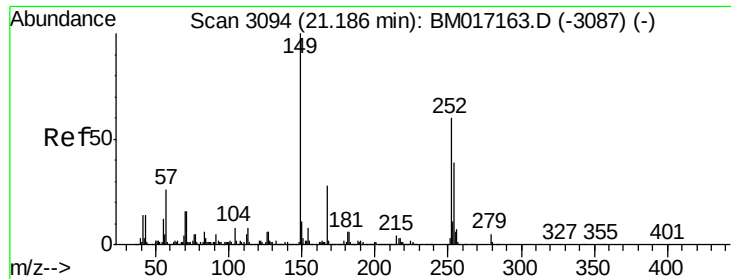


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.380 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017278.D

Acq: 22 Oct 2018 14:29

Instrument :

BNA_M

ClientSampleId :

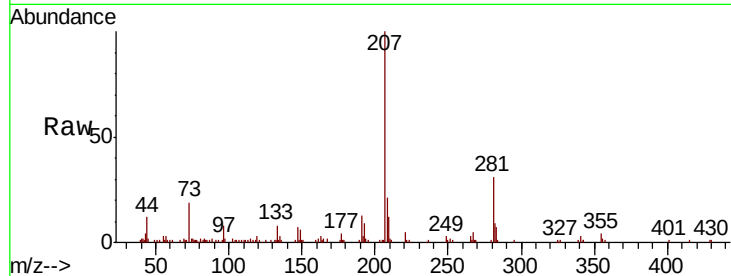
Tot Ion:149 Resp: 3444

Ion Ratio Lower Upper

149 100

167 26.9 22.2 33.4

279 12.2 3.6 5.4#

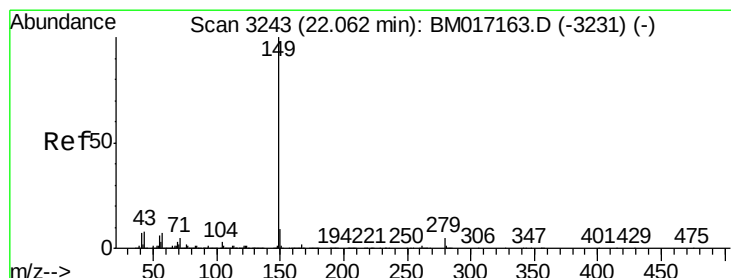
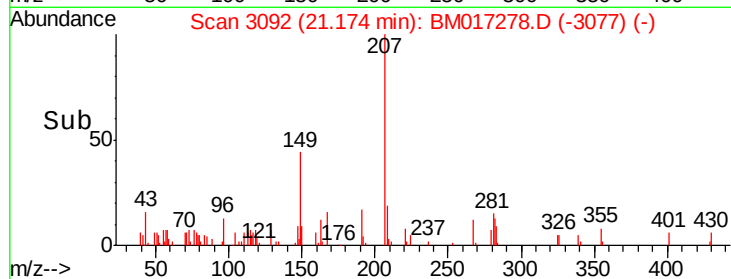
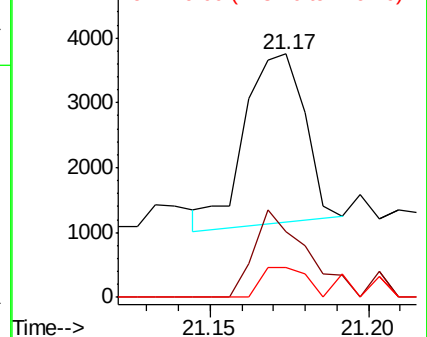


Abundance

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: 5.583 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM017278.D

Acq: 22 Oct 2018 14:29

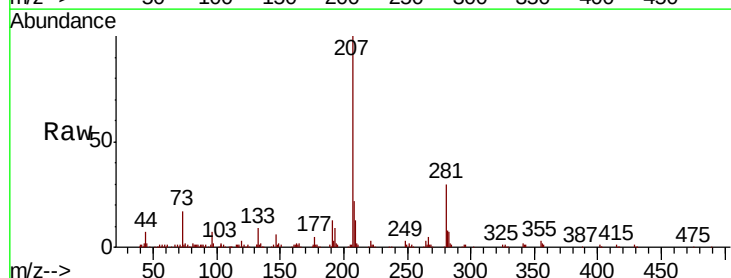
Tgt Ion:149 Resp: 969

Ion Ratio Lower Upper

149 100

167 25.0 1.4 2.0#

43 191.7 7.2 10.8#

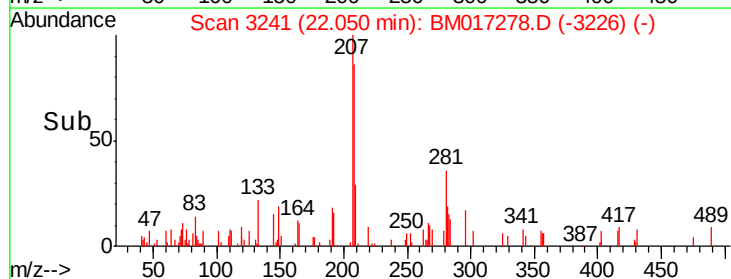
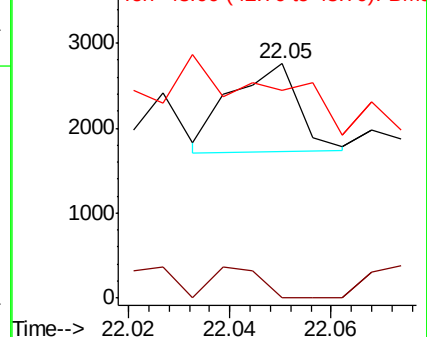


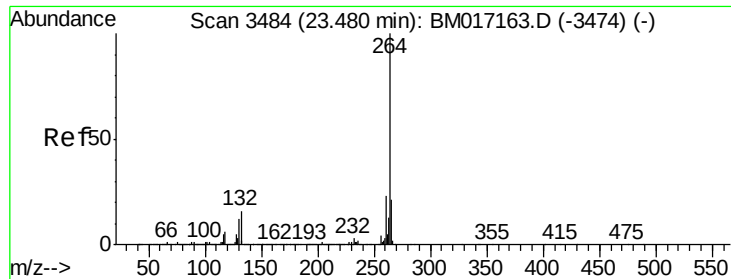
Abundance

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: BM017278.D
Acq: 22 Oct 2018 14:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1282766

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	27.8
265	21.9	17.8	26.8

