

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102218\
 Data File : BM017280.D
 Acq On : 22 Oct 2018 15:42
 Operator : MJ/SJ
 Sample : J5585-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 07:19:57 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

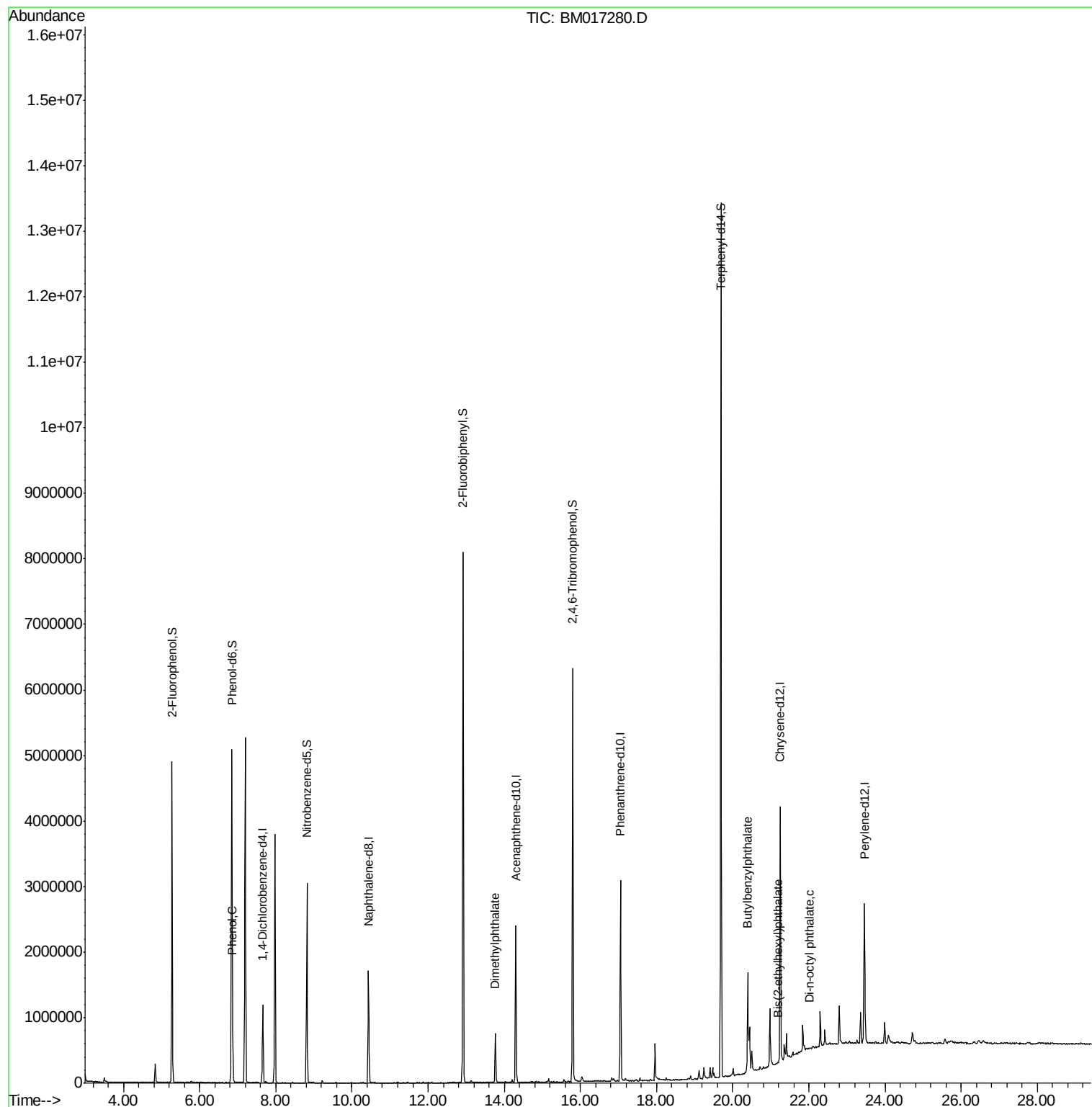
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	322004	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	1377064	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	789158	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1758294	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1814431	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1564373	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2006130	105.37	ng	-0.01
7) Phenol-d6	6.85	99	2839673	109.52	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1722434	73.15	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1156228	108.34	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	4159553	70.13	ng	-0.02
79) Terphenyl-d14	19.69	244	6071006	75.42	ng	-0.01
Target Compounds						
10) Phenol	6.87	94	249906	8.955	ng	97
50) Dimethylphthalate	13.76	163	486816	7.996	ng	100
80) Butylbenzylphthalate	20.39	149	5335	7.293	ng	# 41
84) Bis(2-ethylhexyl)phthalate	21.17	149	5787	5.395	ng	# 96
85) Di-n-octyl phthalate	22.03	149	1498	5.585	ng	# 28

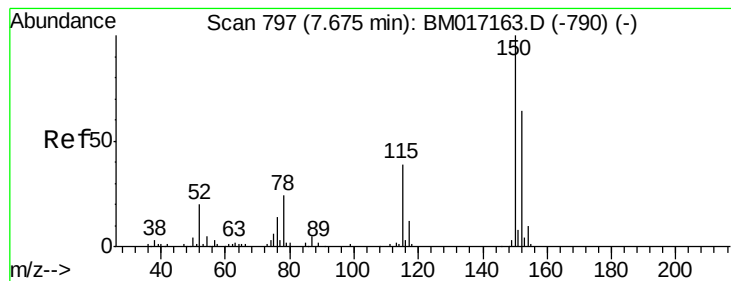
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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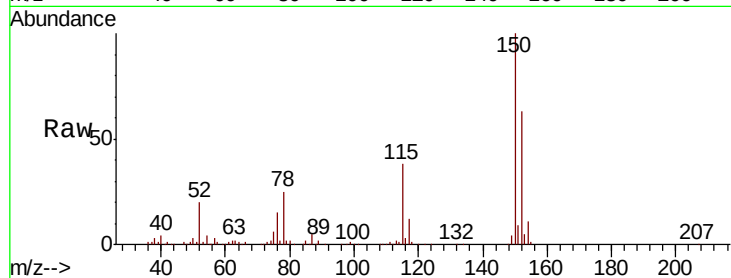


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017280.D
Acq: 22 Oct 2018 15:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.3	186.5
115	59.5	48.1	72.1

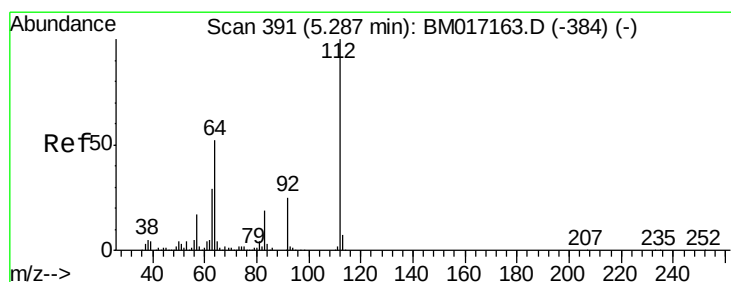
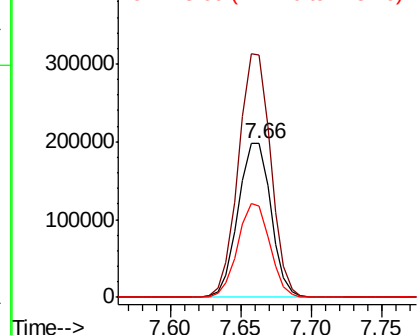
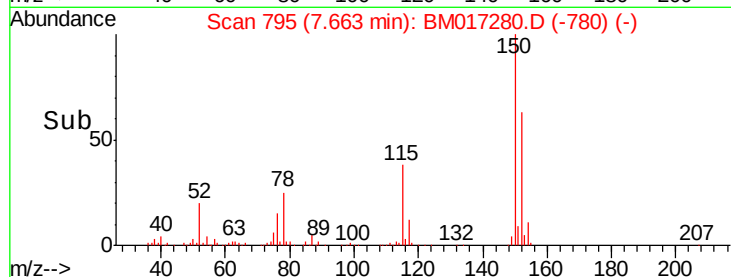


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

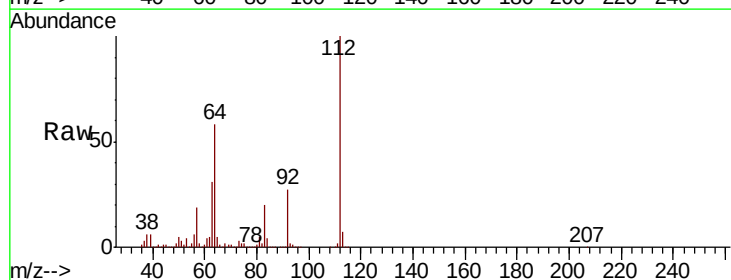
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 105.373 ng
RT: 5.28 min Scan# 389
Delta R.T. -0.01 min
Lab File: BM017280.D
Acq: 22 Oct 2018 15:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	41.7	62.5
63	30.8	23.0	34.4

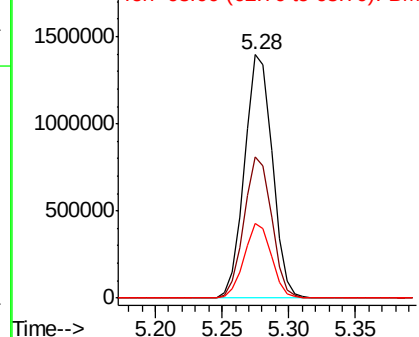
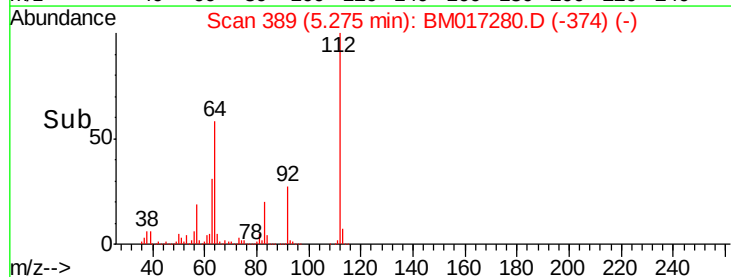


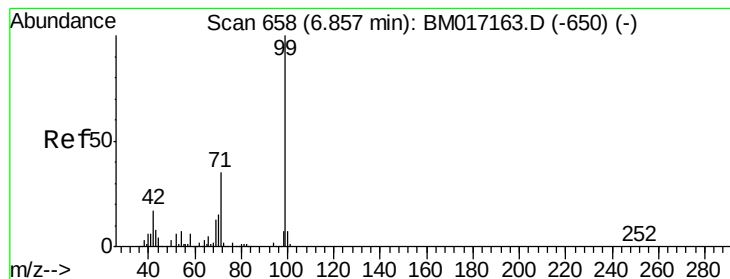
Abundance

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: 109.516 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017280.D

Acq: 22 Oct 2018 15:42

Instrument :

BNA_M

ClientSampled :

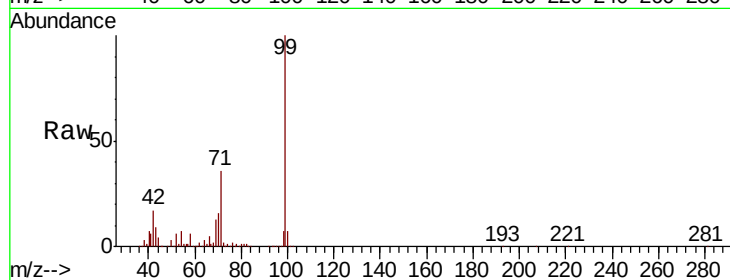
Tot Ion: 99 Resp: 2839673

Ion Ratio Lower Upper

99 100

42 17.4 13.3 19.9

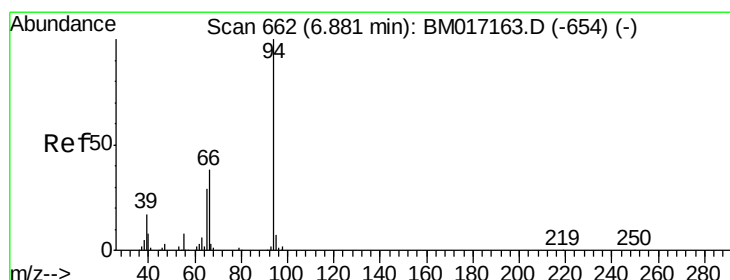
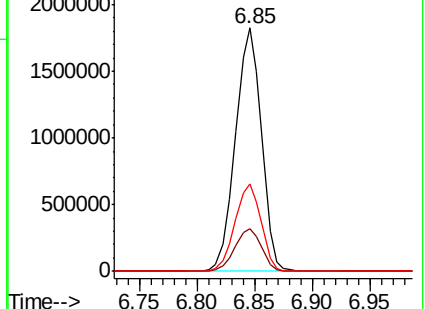
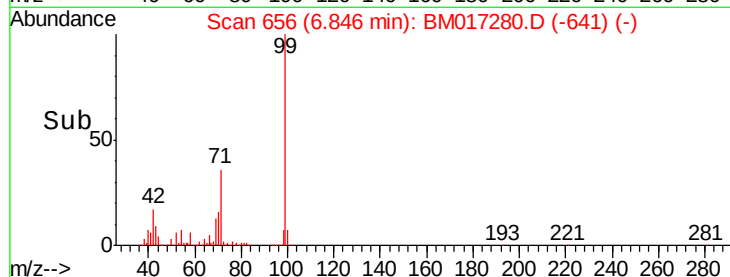
71 36.0 28.0 42.0



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) (-)



#10

Phenol

Concen: 8.955 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM017280.D

Acq: 22 Oct 2018 15:42

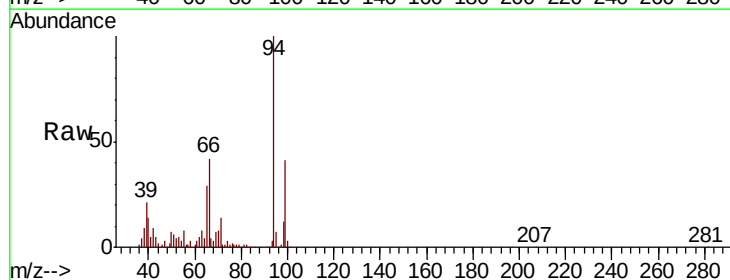
Tgt Ion: 94 Resp: 249906

Ion Ratio Lower Upper

94 100

65 29.2 9.4 49.4

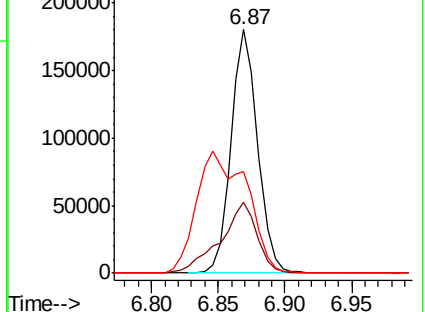
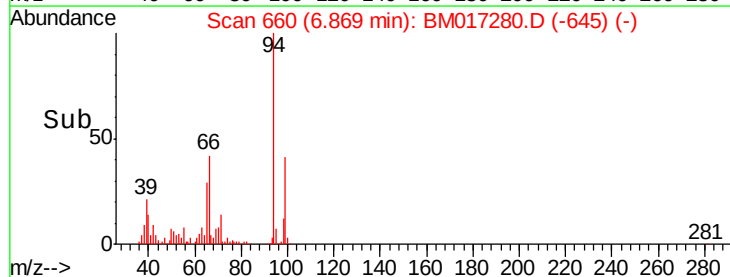
66 41.6 19.0 59.0

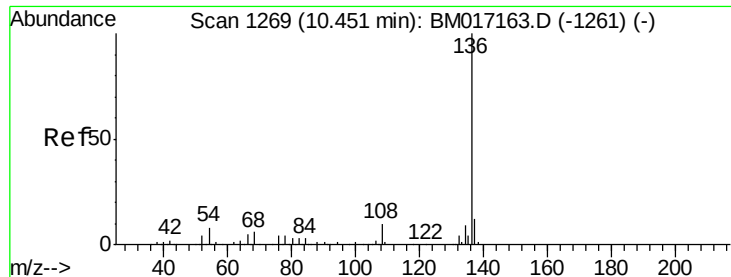


Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-654) (-)

Ion 66.00 (65.70 to 66.70): BM017163.D (-654) (-)



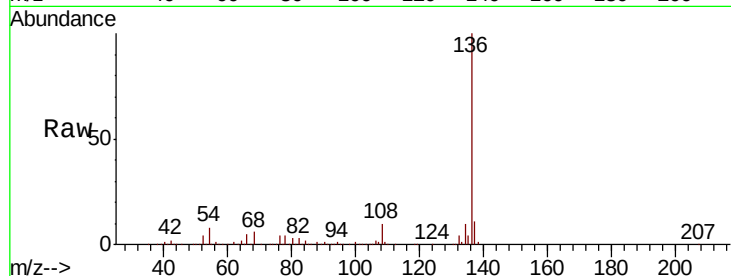


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM017280.D
Acq: 22 Oct 2018 15:42

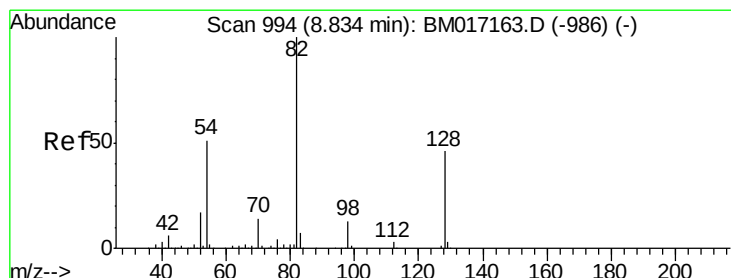
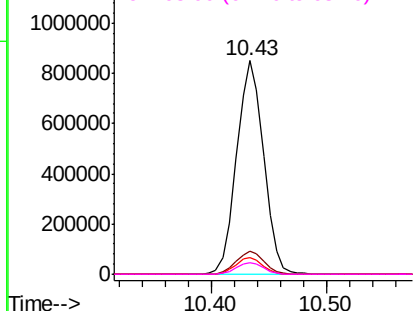
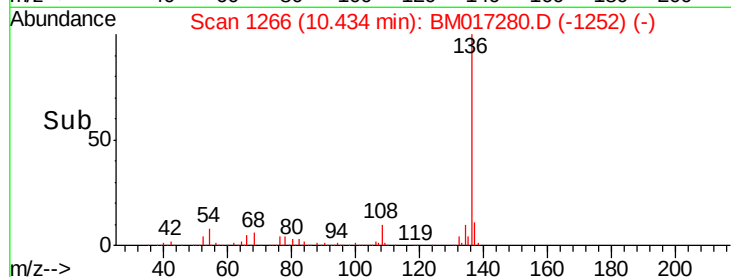
Instrument :
BNA_M
ClientSampleId :

Tot Ion:136 Resp: 1377064

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.8	6.7	10.1
68	5.6	4.7	7.1



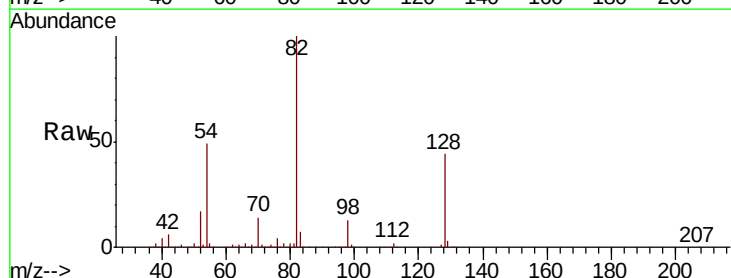
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM



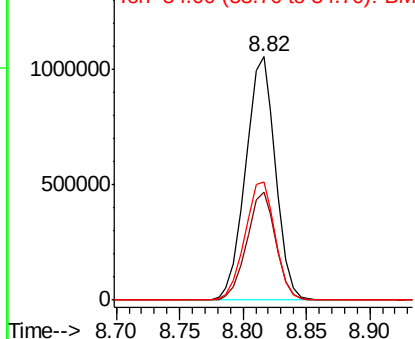
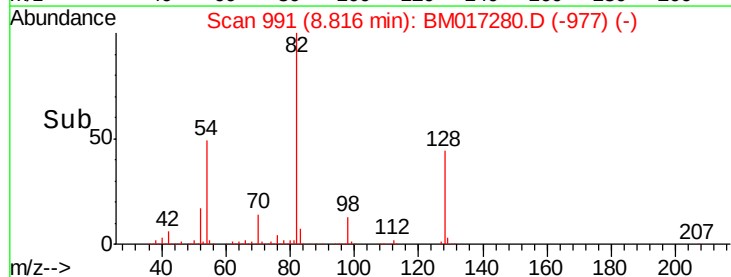
#23
Nitrobenzene-d5
Concen: 73.154 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM017280.D
Acq: 22 Oct 2018 15:42

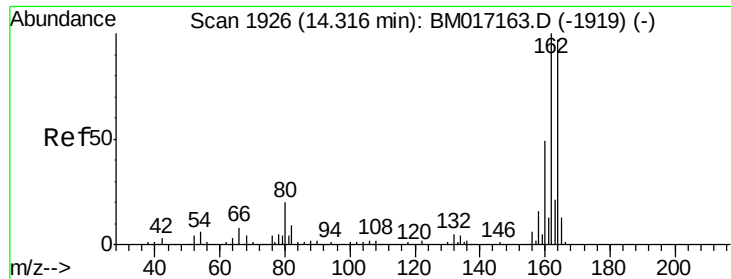
Tgt Ion: 82 Resp: 1722434

Ion	Ratio	Lower	Upper
82	100		
128	44.2	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

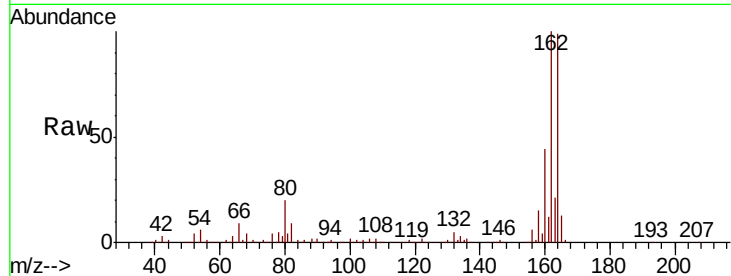




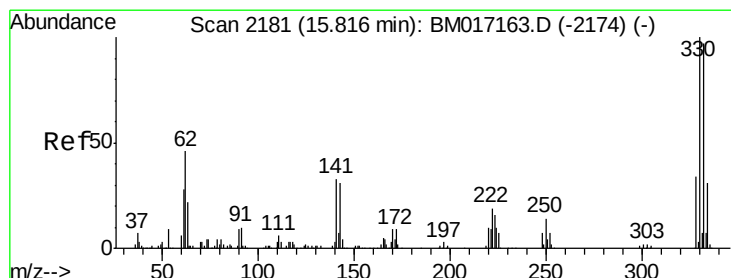
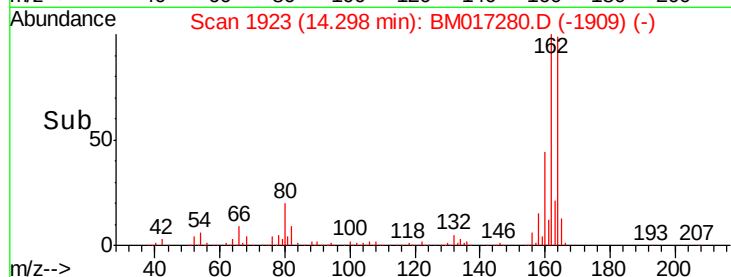
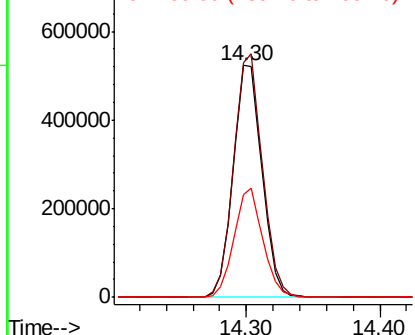
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.02 min
Lab File: BM017280.D
Acq: 22 Oct 2018 15:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 789158
Ion Ratio Lower Upper
164 100
162 101.5 82.1 123.1
160 44.6 40.2 60.2

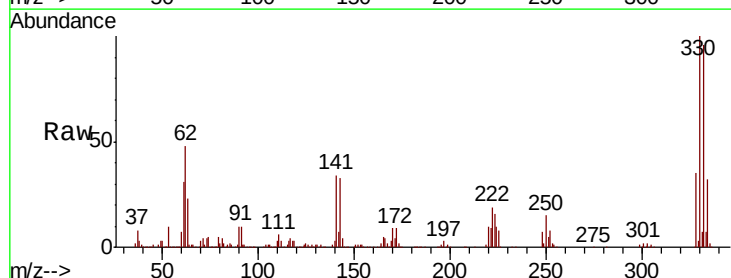


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

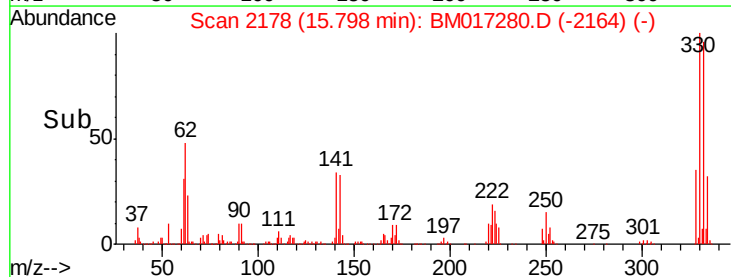
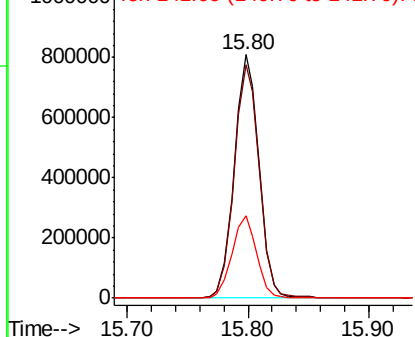


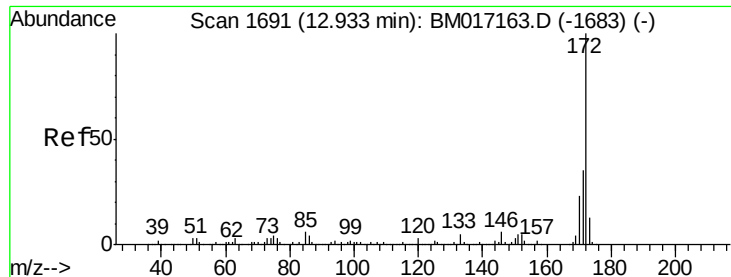
#42
2,4,6-Tribromophenol
Concen: 108.340 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BM017280.D
Acq: 22 Oct 2018 15:42

Tgt Ion:330 Resp: 1156228
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 33.8 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



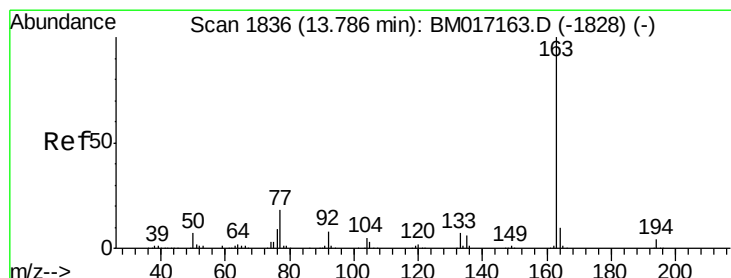
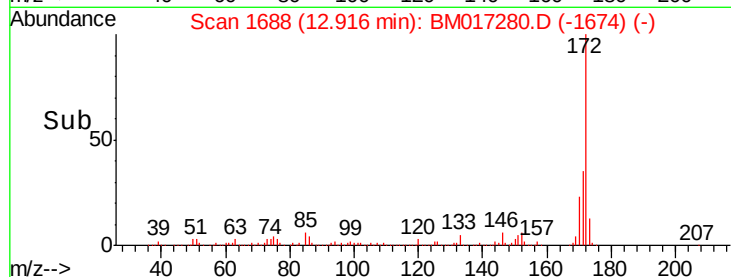
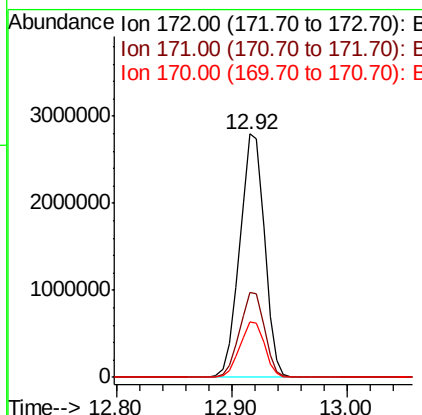
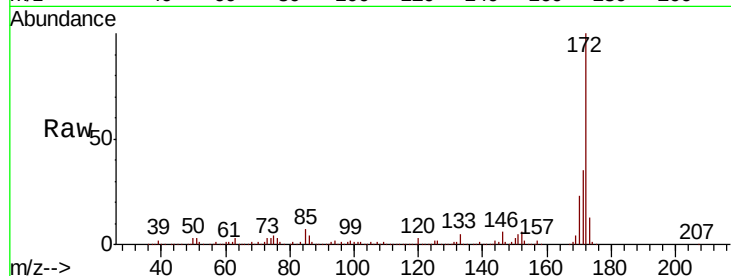


#45
 2-Fluorobiphenyl
 Concen: 70.131 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM017280.D
 Acq: 22 Oct 2018 15:42

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 4159553

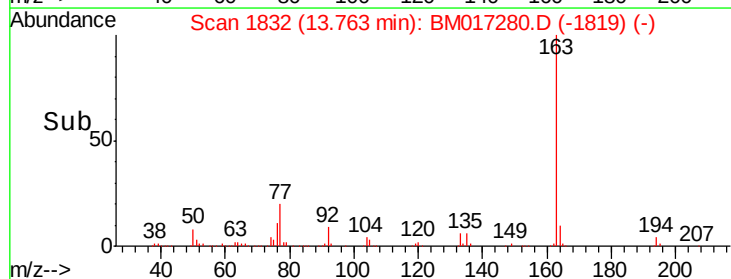
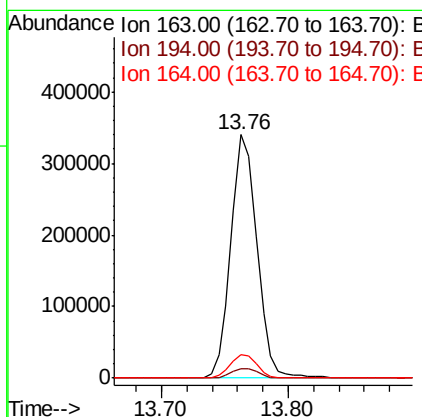
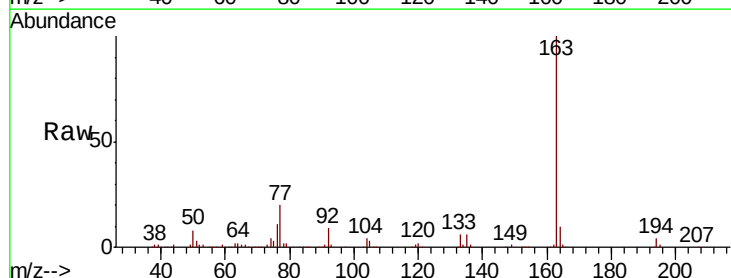
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	22.5	18.3	27.5

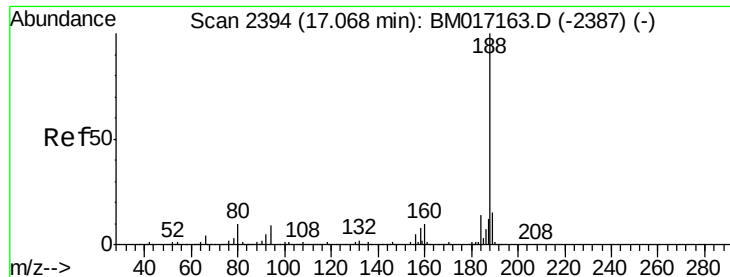


#50
 Dimethylphthalate
 Concen: 7.996 ng
 RT: 13.76 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BM017280.D
 Acq: 22 Oct 2018 15:42

Tgt Ion:163 Resp: 486816

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.8	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: BM017280.D

Acq: 22 Oct 2018 15:42

Instrument :

BNA_M

ClientSampleId :

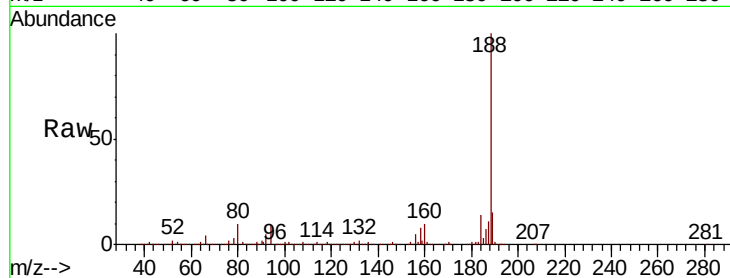
Tot Ion:188 Resp: 1758294

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

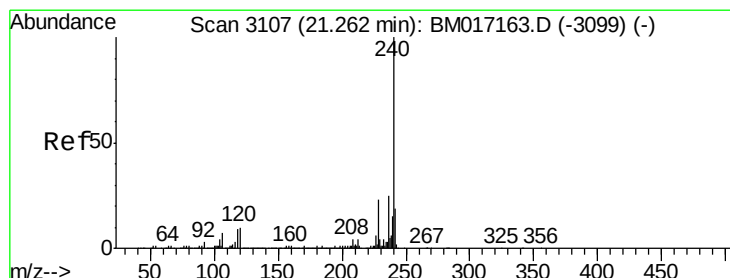
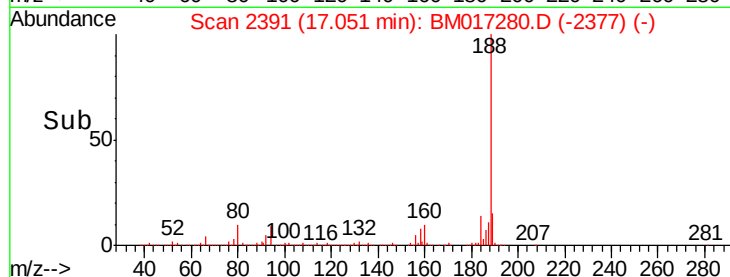
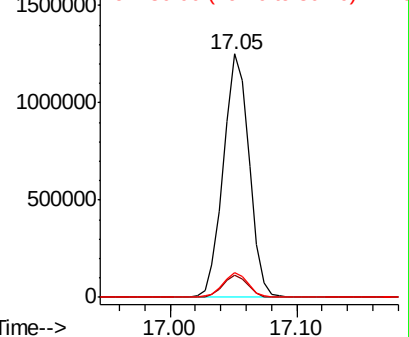
80 10.0 7.7 11.5



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: BM017280.D

Acq: 22 Oct 2018 15:42

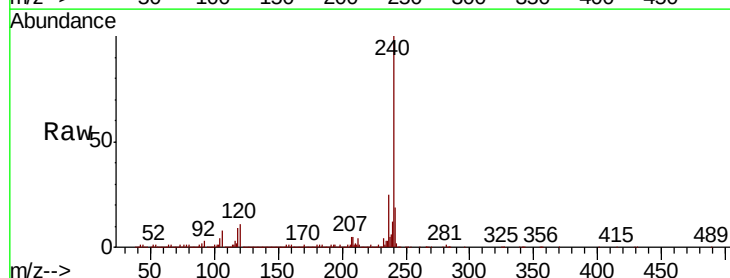
Tgt Ion:240 Resp: 1814431

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

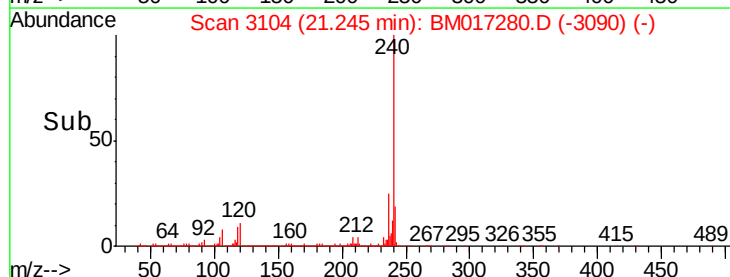
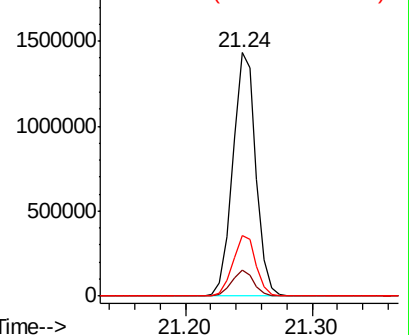
236 24.6 19.9 29.9

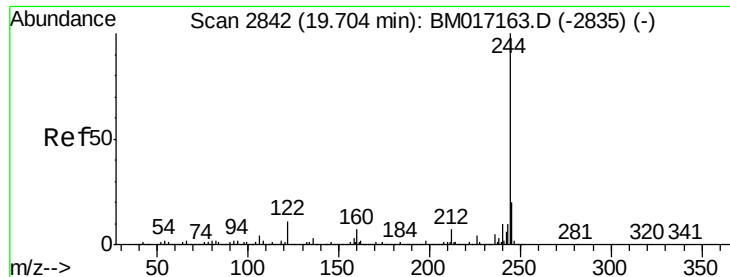


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.418 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017280.D

Acq: 22 Oct 2018 15:42

Instrument :

BNA_M

ClientSampleId :

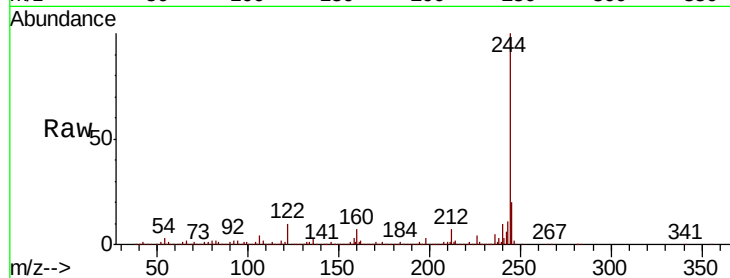
Tot Ion:244 Resp: 6071006

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

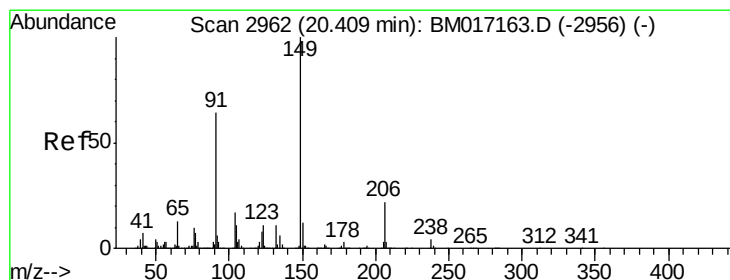
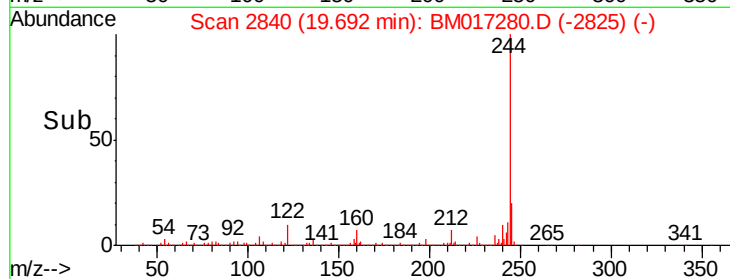
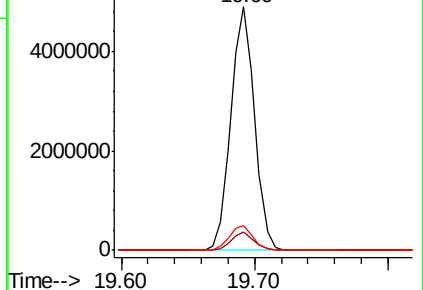
122 10.4 8.4 12.6



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: 7.293 ng

RT: 20.39 min Scan# 2959

Delta R.T. -0.02 min

Lab File: BM017280.D

Acq: 22 Oct 2018 15:42

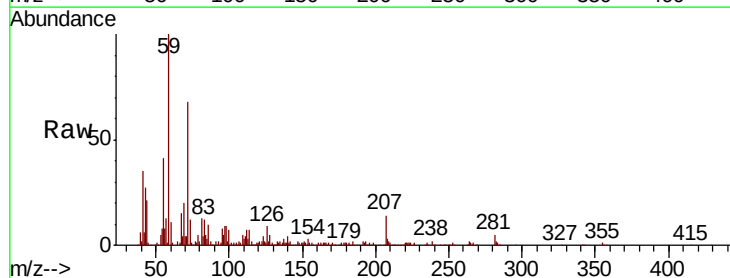
Tgt Ion:149 Resp: 5335

Ion Ratio Lower Upper

149 100

91 124.9 51.3 76.9#

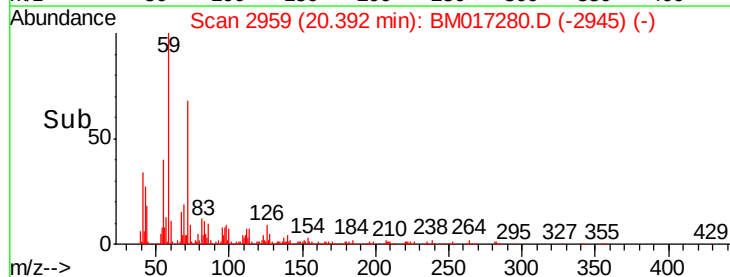
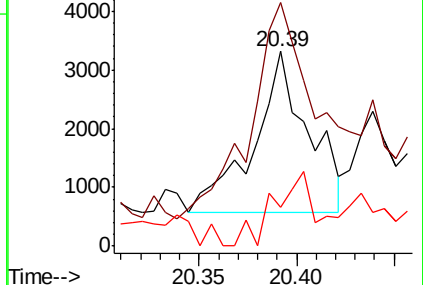
206 19.8 18.0 27.0

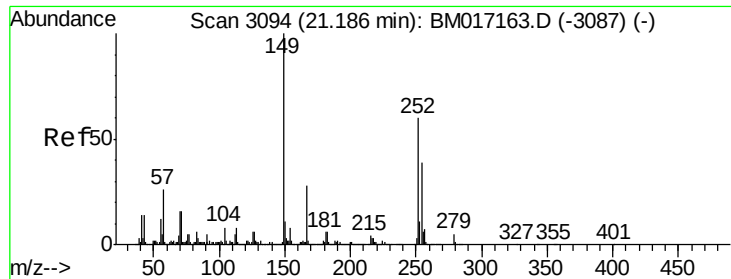


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

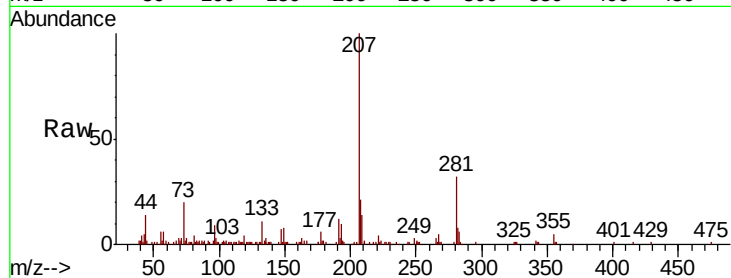




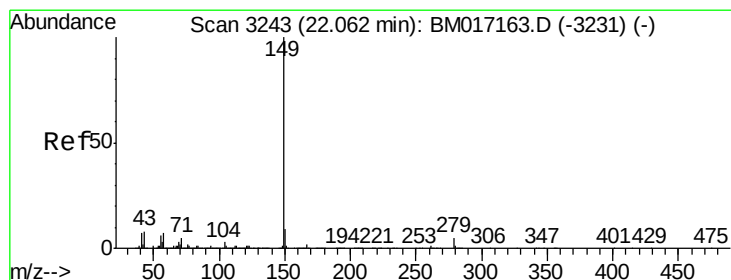
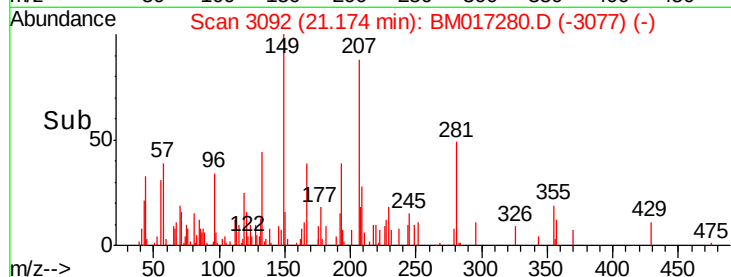
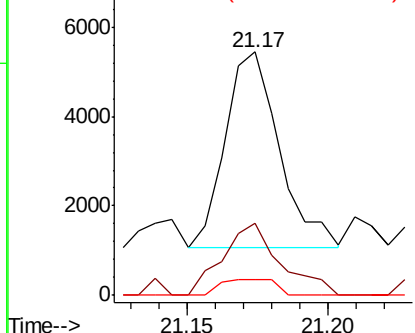
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.395 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017280.D
 Acq: 22 Oct 2018 15:42

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:149 Resp: 5787
 Ion Ratio Lower Upper
 149 100
 167 29.5 22.2 33.4
 279 6.3 3.6 5.4#

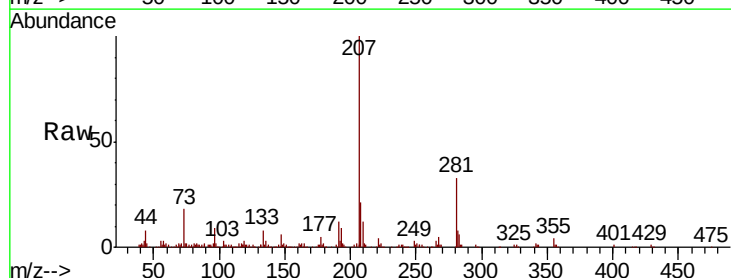


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

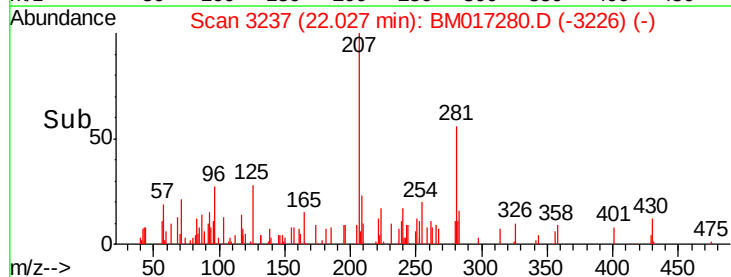
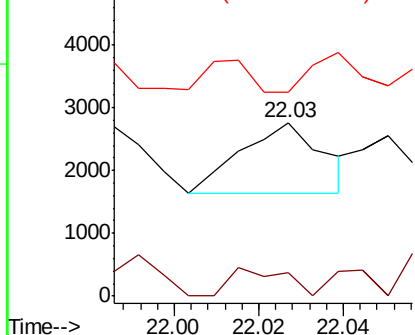


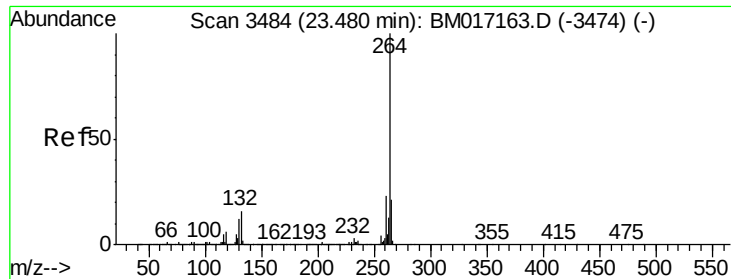
#85
 Di-n-octyl phthalate
 Concen: 5.585 ng
 RT: 22.03 min Scan# 3237
 Delta R.T. -0.04 min
 Lab File: BM017280.D
 Acq: 22 Oct 2018 15:42

Tgt Ion:149 Resp: 1498
 Ion Ratio Lower Upper
 149 100
 167 18.8 1.4 2.0#
 43 36.7 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): BM0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3480
Delta R.T. -0.02 min
Lab File: BM017280.D
Acq: 22 Oct 2018 15:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1564373

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	21.7	17.8	26.8

