

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102218\
 Data File : BM017277.D
 Acq On : 22 Oct 2018 13:53
 Operator : MJ/SJ
 Sample : J5575-18
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 07:19:31 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

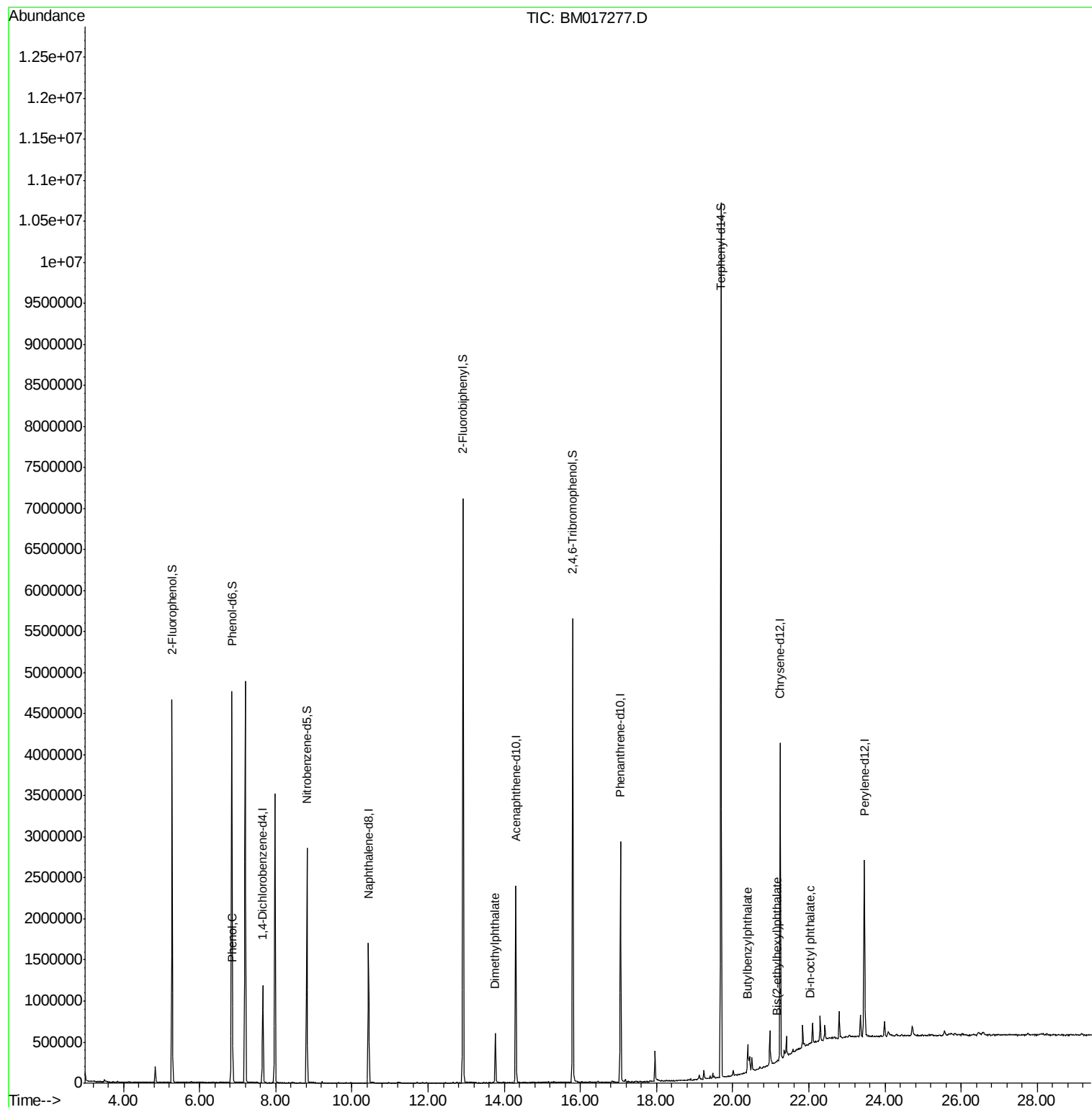
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	329623	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	1396605	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	799624	20.00	ng	-0.01
64) Phenanthrene-d10	17.05	188	1730712	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1704850	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1546372	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1904132	97.70	ng	-0.01
7) Phenol-d6	6.85	99	2657571	100.12	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1597042	66.88	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1020372	94.36	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	3764126	62.63	ng	-0.02
79) Terphenyl-d14	19.69	244	4940009	65.31	ng	-0.01
Target Compounds						
10) Phenol	6.87	94	120081	4.204	ng	95
50) Dimethylphthalate	13.76	163	403010	6.533	ng	99
80) Butylbenzylphthalate	20.39	149	1192	7.204	ng	# 33
84) Bis(2-ethylhexyl)phthalate	21.17	149	4513	5.380	ng	# 90
85) Di-n-octyl phthalate	22.03	149	1758	5.588	ng	# 19

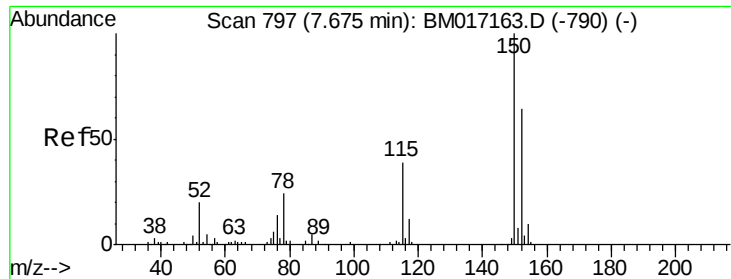
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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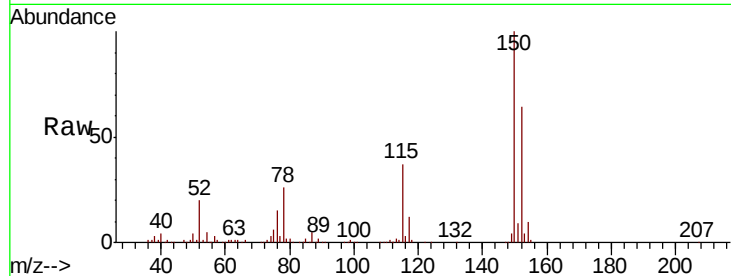


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017277.D
Acq: 22 Oct 2018 13:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.3	186.5
115	58.3	48.1	72.1

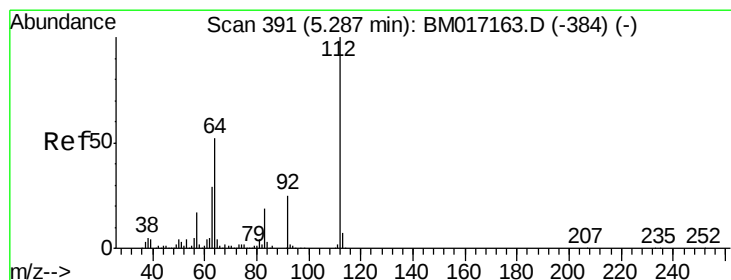
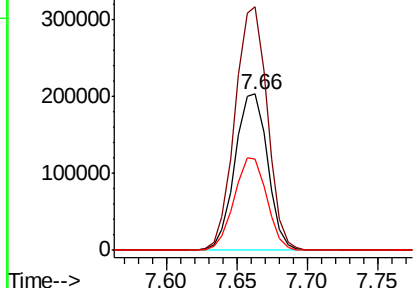
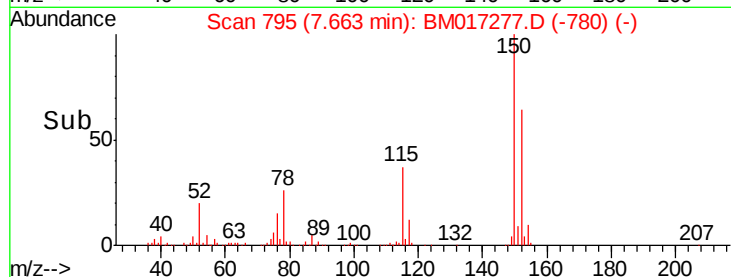


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

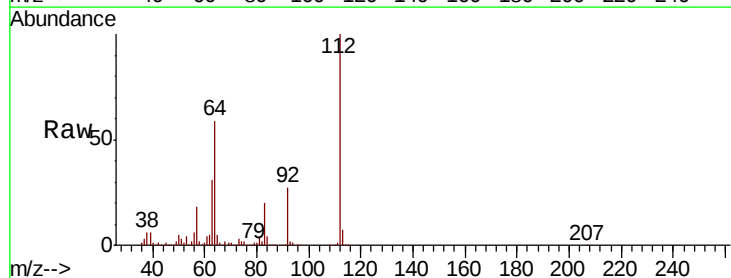
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.703 ng
RT: 5.28 min Scan# 389
Delta R.T. -0.01 min
Lab File: BM017277.D
Acq: 22 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	41.7	62.5
63	30.7	23.0	34.4

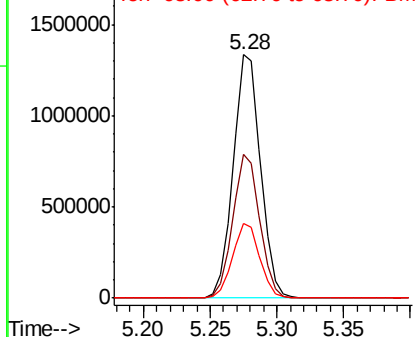
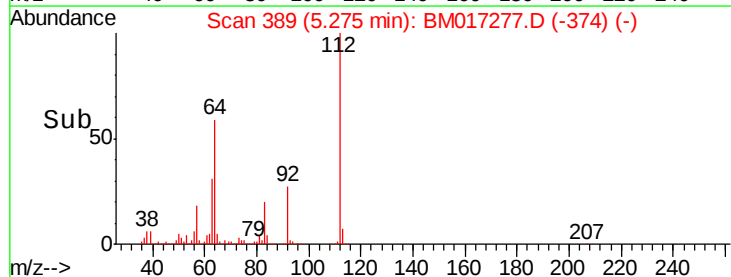


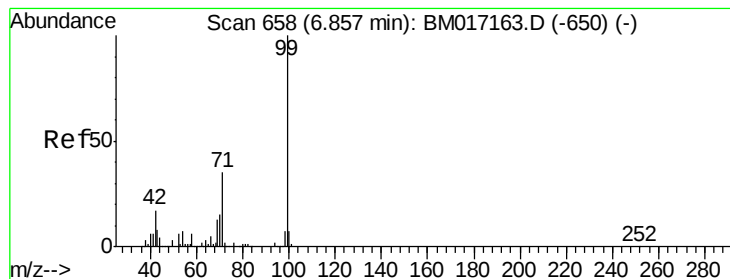
Abundance

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: 100.124 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017277.D

Acq: 22 Oct 2018 13:53

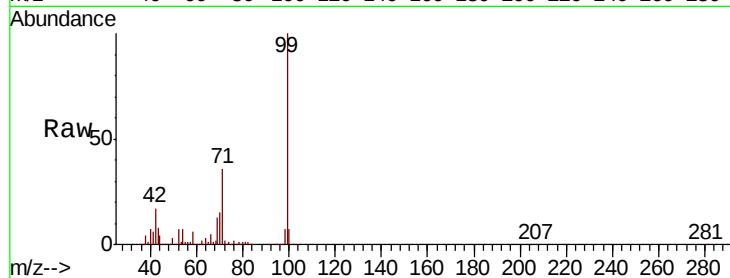
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2657571

Ion	Ratio	Lower	Upper
99	100		
42	17.5	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) (-)

2000000

1500000

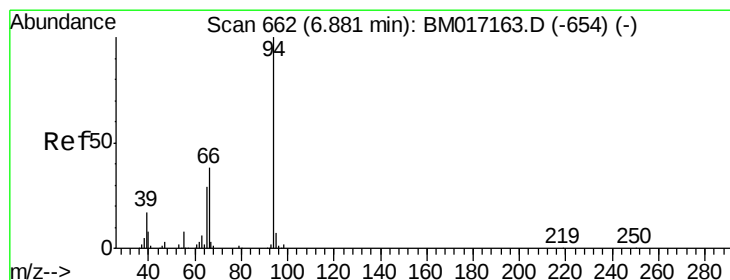
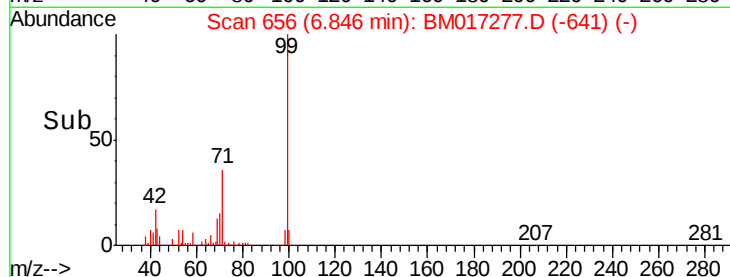
1000000

500000

0

6.75 6.80 6.85 6.90 6.95

Time-->



#10

Phenol

Concen: 4.204 ng

RT: 6.87 min Scan# 660

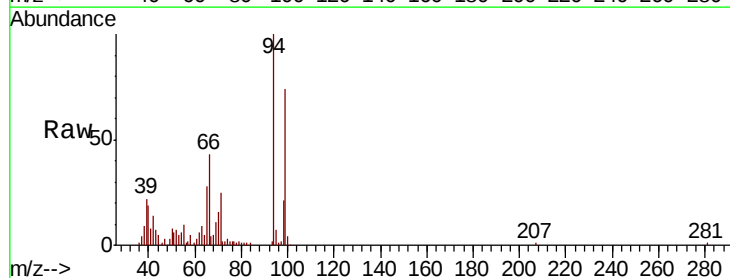
Delta R.T. -0.01 min

Lab File: BM017277.D

Acq: 22 Oct 2018 13:53

Tgt Ion: 94 Resp: 120081

Ion	Ratio	Lower	Upper
94	100		
65	28.1	9.4	49.4
66	42.9	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) (-)

120000

100000

80000

60000

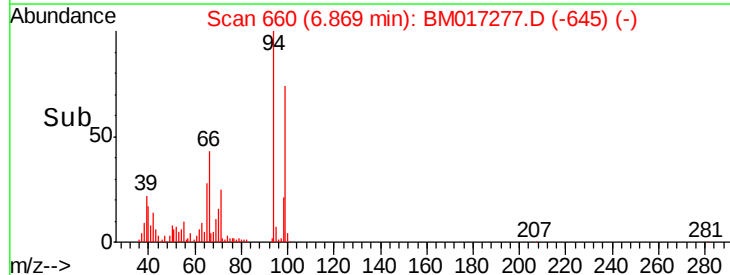
40000

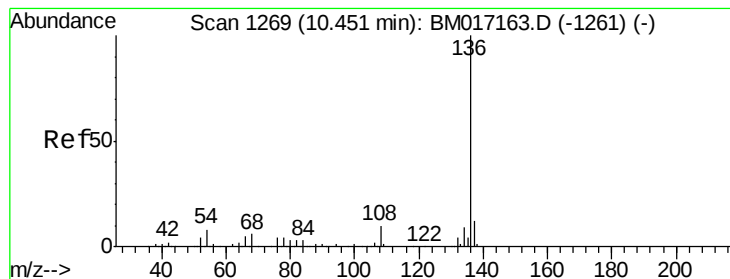
20000

0

6.80 6.85 6.90 6.95

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM017277.D

Acq: 22 Oct 2018 13:53

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1396605

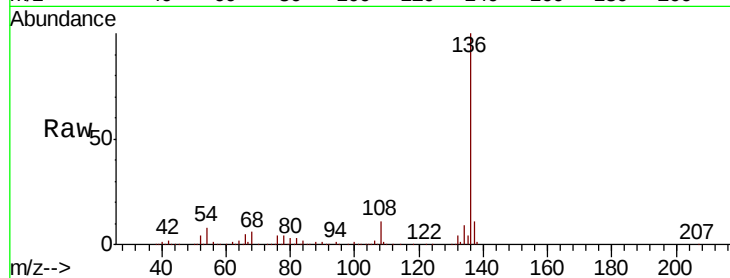
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 7.8 6.7 10.1

68 5.9 4.7 7.1

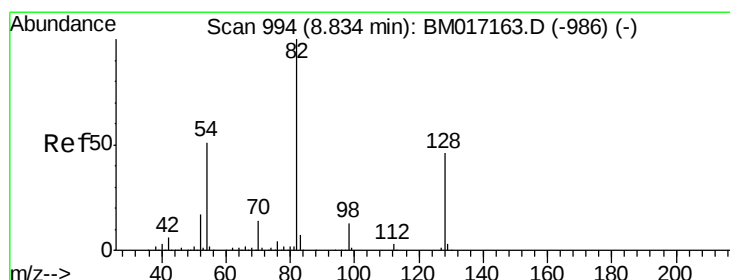
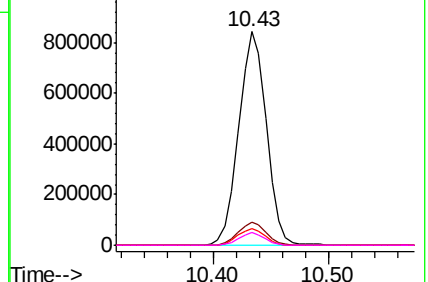
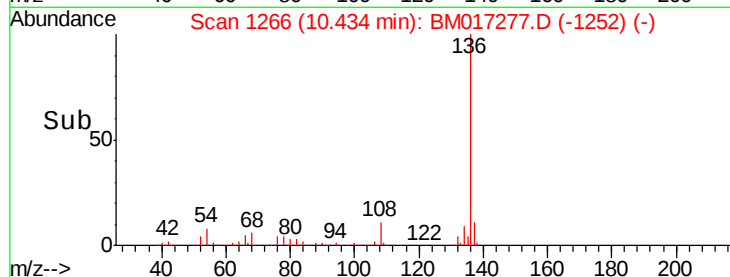


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.879 ng

RT: 8.82 min Scan# 991

Delta R.T. -0.02 min

Lab File: BM017277.D

Acq: 22 Oct 2018 13:53

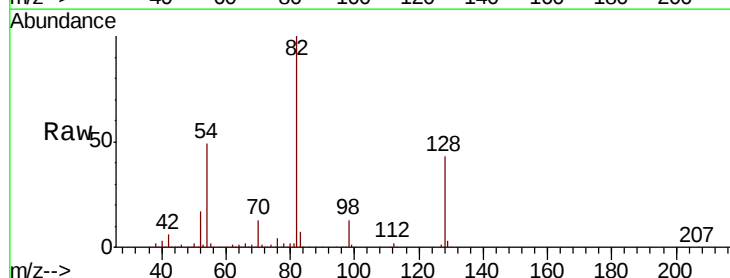
Tgt Ion: 82 Resp: 1597042

Ion Ratio Lower Upper

82 100

128 43.2 37.0 55.6

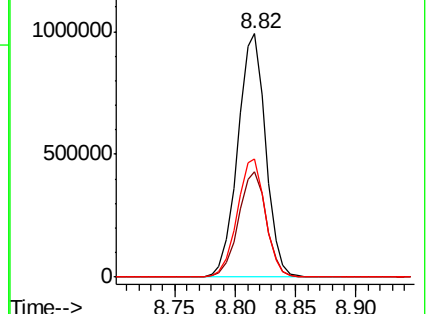
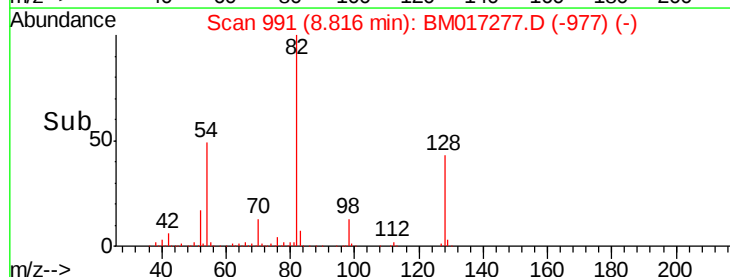
54 48.7 40.7 61.1

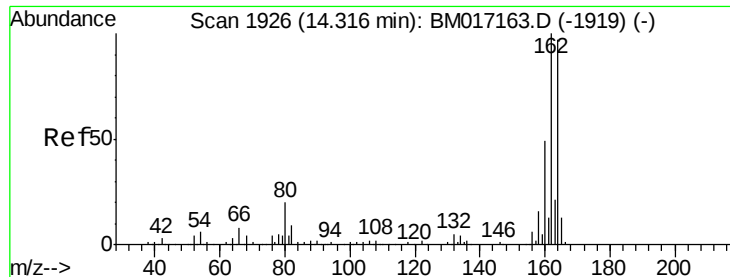


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

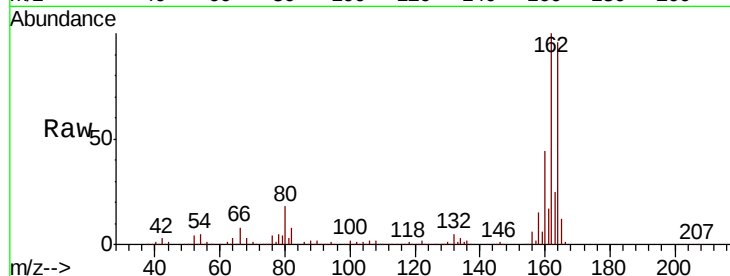




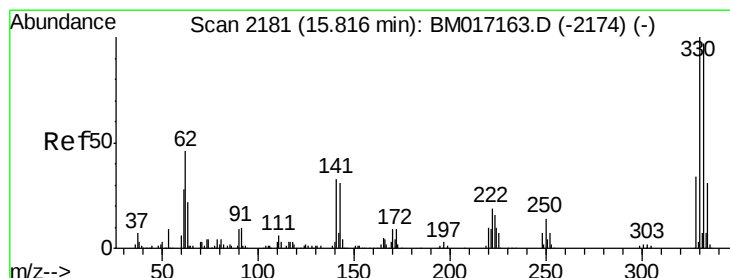
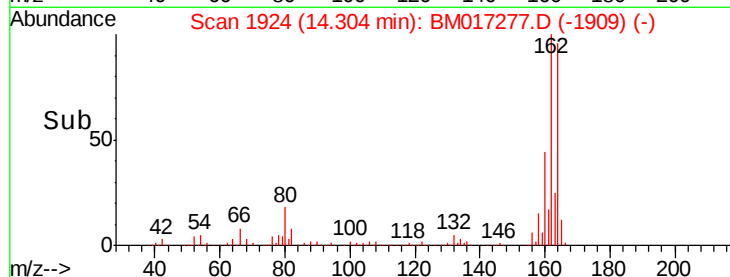
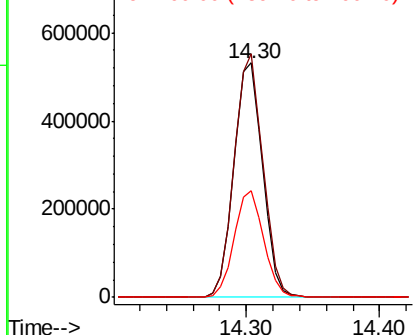
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017277.D
Acq: 22 Oct 2018 13:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 799624
Ion Ratio Lower Upper
164 100
162 103.8 82.1 123.1
160 45.7 40.2 60.2

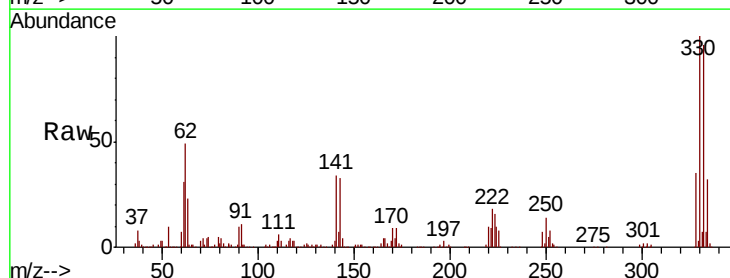


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

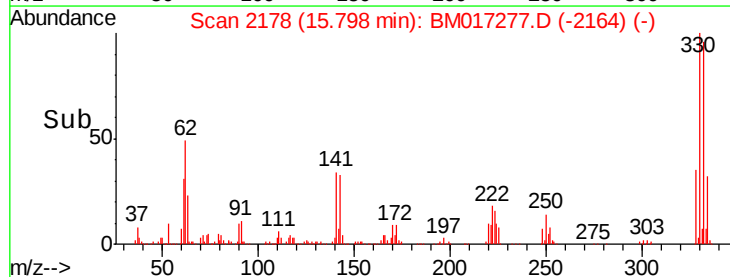
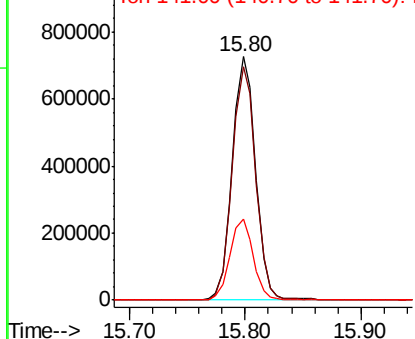


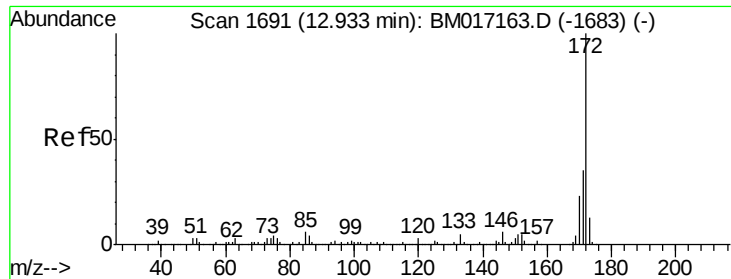
#42
2,4,6-Tribromophenol
Concen: 94.359 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BM017277.D
Acq: 22 Oct 2018 13:53

Tgt Ion:330 Resp: 1020372
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 33.2 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



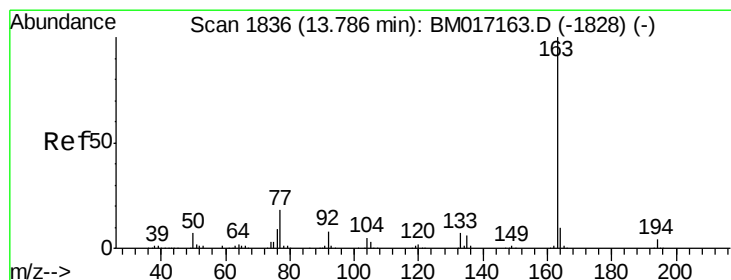
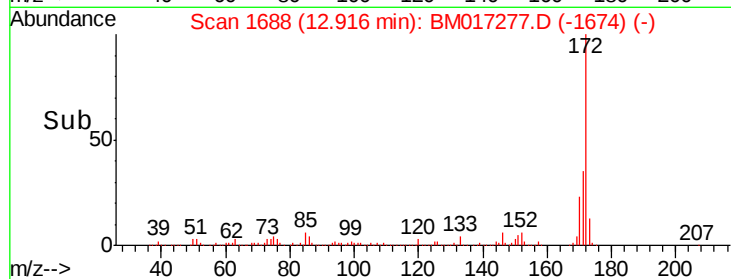
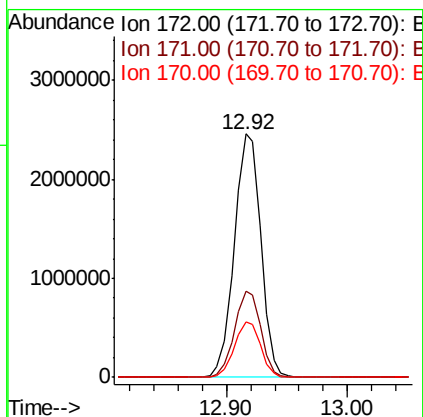
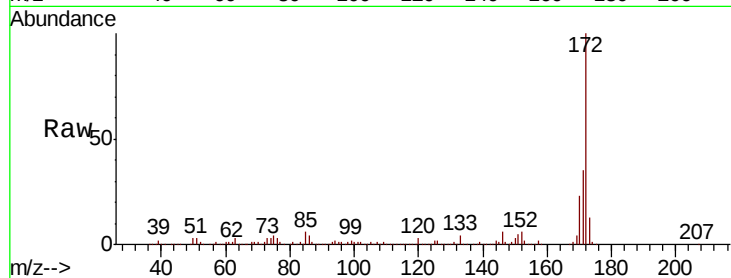


#45
 2-Fluorobiphenyl
 Concen: 62.634 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM017277.D
 Acq: 22 Oct 2018 13:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 3764126

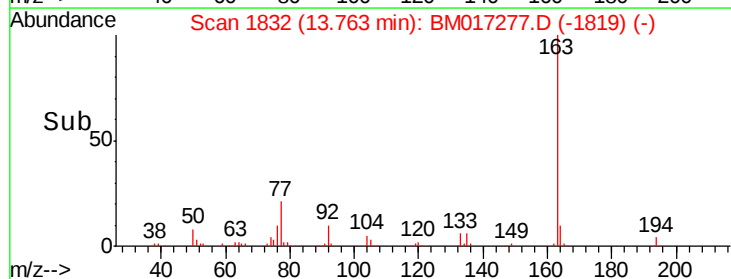
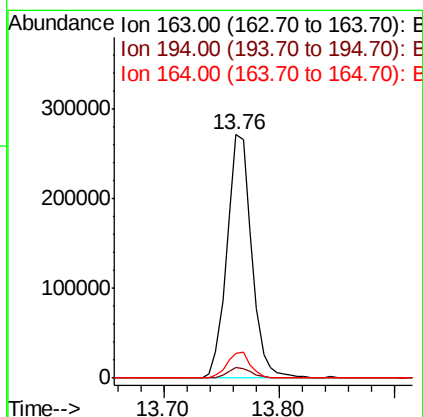
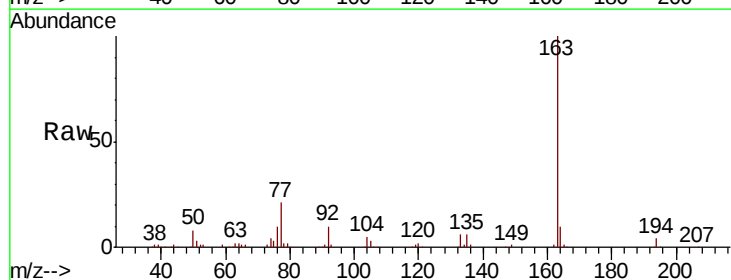
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	22.9	18.3	27.5

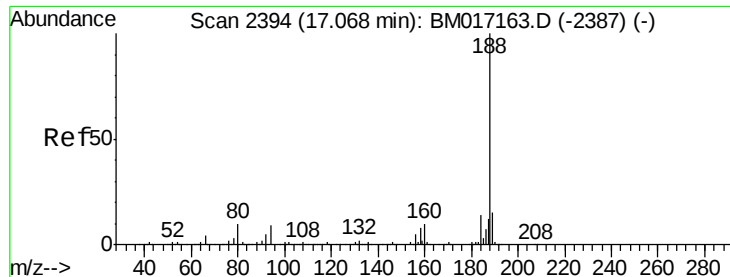


#50
 Dimethylphthalate
 Concen: 6.533 ng
 RT: 13.76 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BM017277.D
 Acq: 22 Oct 2018 13:53

Tgt Ion:163 Resp: 403010

Ion	Ratio	Lower	Upper
163	100		
194	4.4	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: BM017277.D

Acq: 22 Oct 2018 13:53

Instrument :

BNA_M

ClientSampleId :

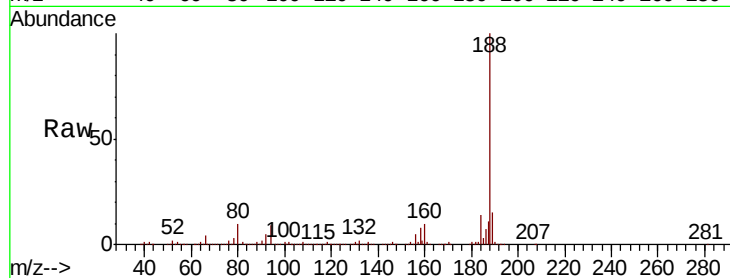
Tot Ion:188 Resp: 1730712

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

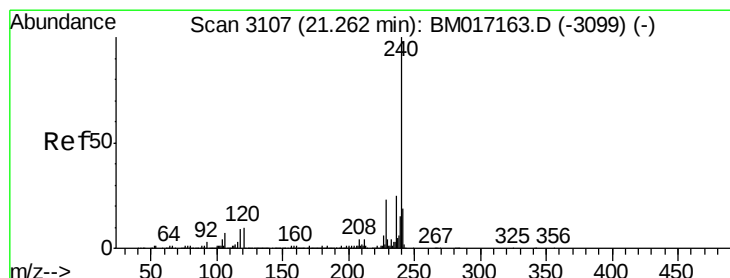
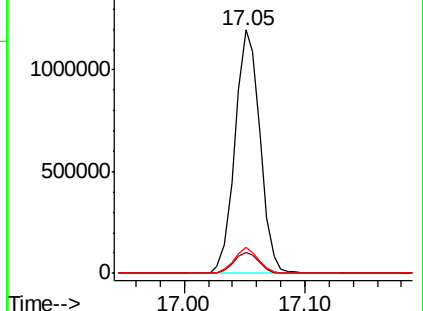
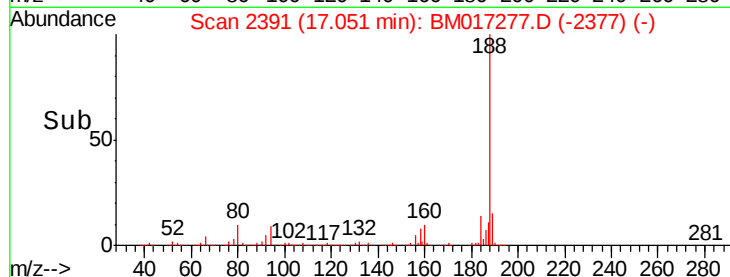
80 10.4 7.7 11.5



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: BM017277.D

Acq: 22 Oct 2018 13:53

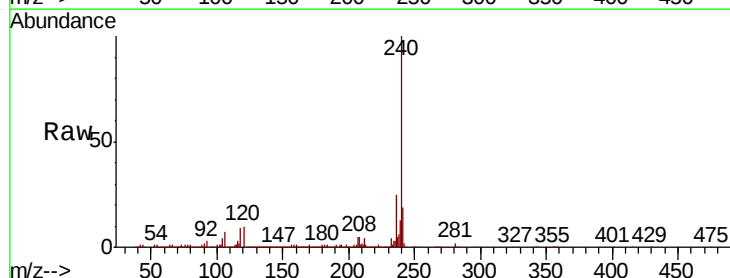
Tgt Ion:240 Resp: 1704850

Ion Ratio Lower Upper

240 100

120 9.7 8.1 12.1

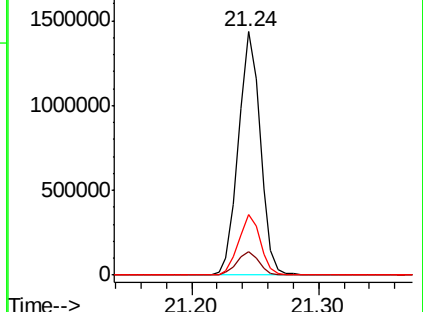
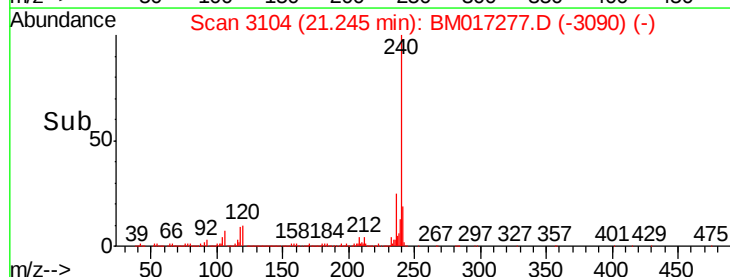
236 24.6 19.9 29.9

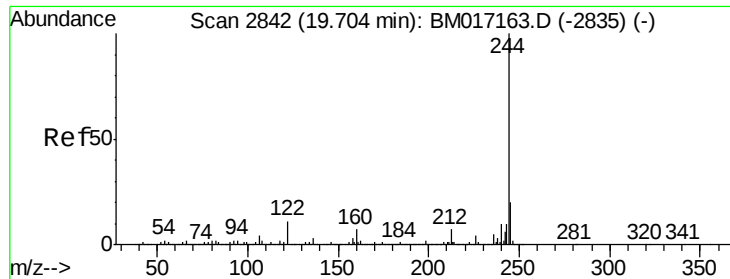


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

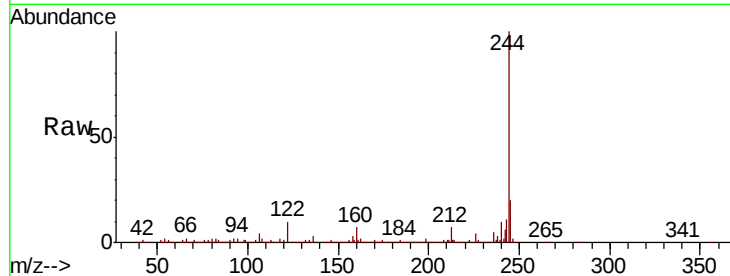




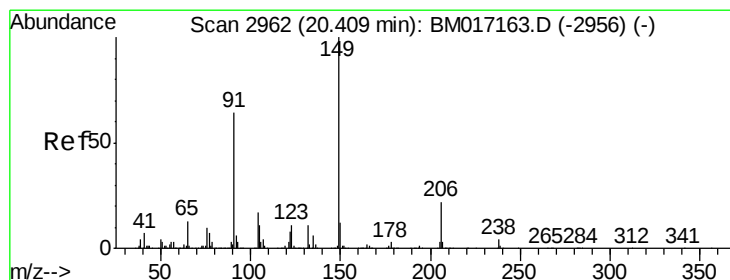
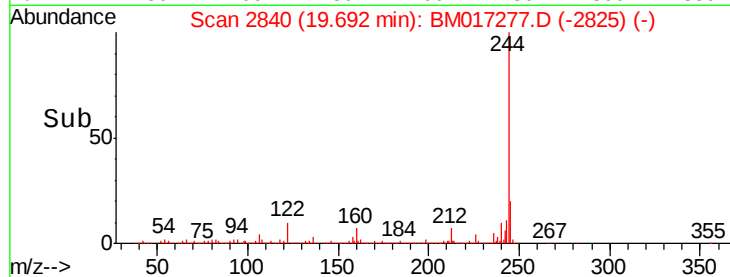
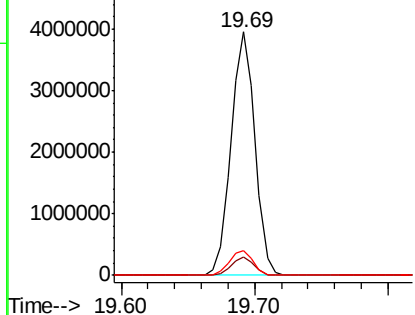
#79
 Terphenyl-d14
 Concen: 65.312 ng
 RT: 19.69 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BM017277.D
 Acq: 22 Oct 2018 13:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 4940009
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 10.2 8.4 12.6

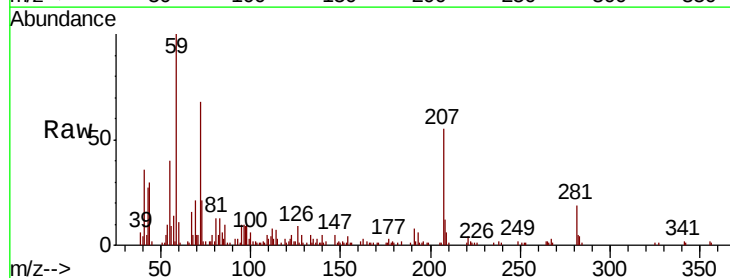


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

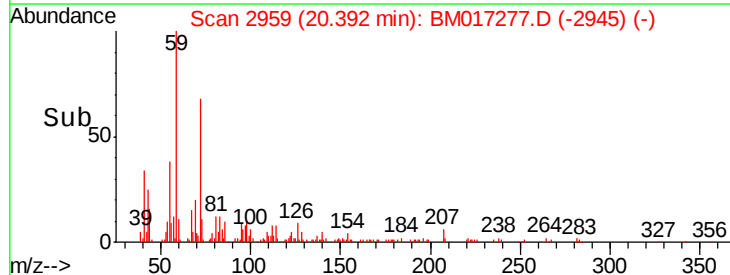
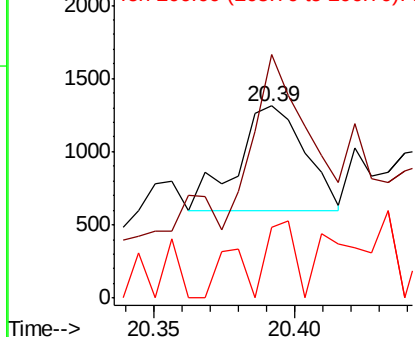


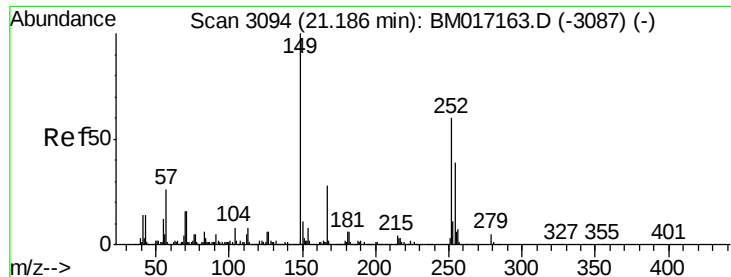
#80
 Butylbenzylphthalate
 Concen: 7.204 ng
 RT: 20.39 min Scan# 2959
 Delta R.T. -0.02 min
 Lab File: BM017277.D
 Acq: 22 Oct 2018 13:53

Tgt Ion:149 Resp: 1192
 Ion Ratio Lower Upper
 149 100
 91 126.8 51.3 76.9#
 206 36.8 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

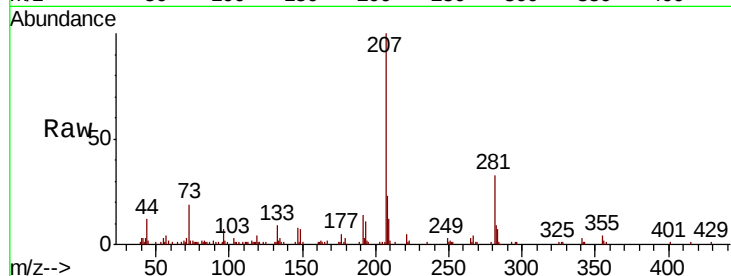




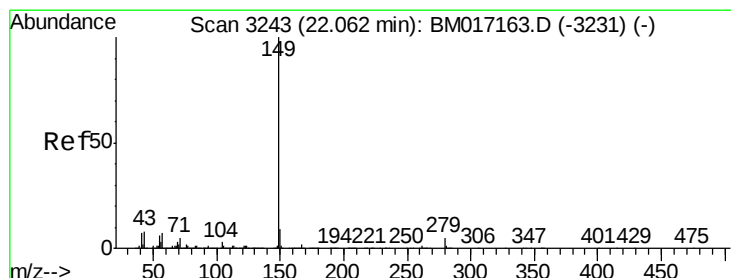
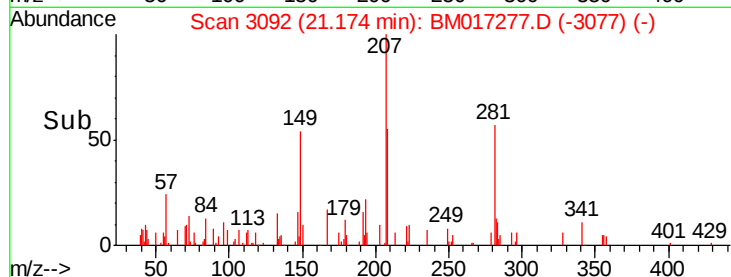
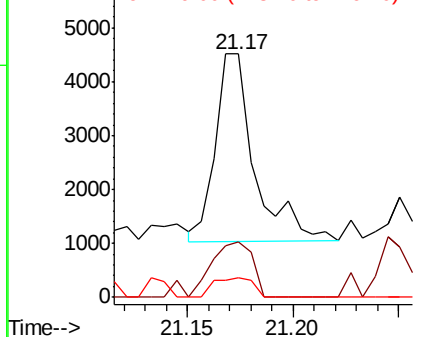
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.380 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017277.D
 Acq: 22 Oct 2018 13:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	22.7	22.2	33.4
279	8.0	3.6	5.4#

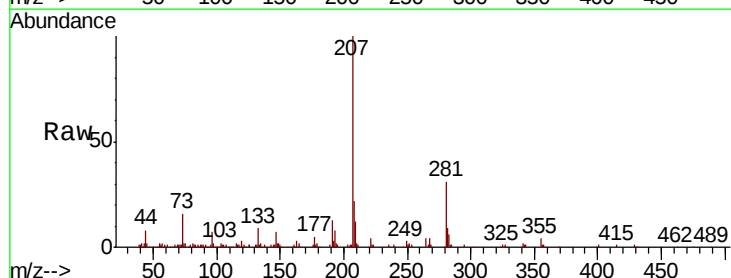


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

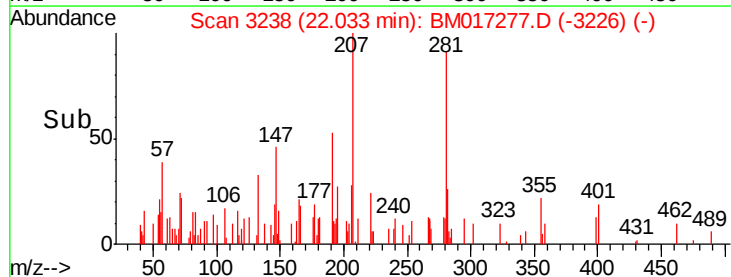
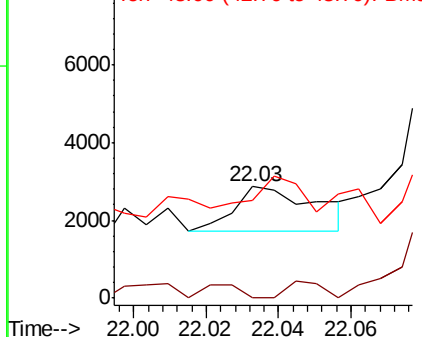


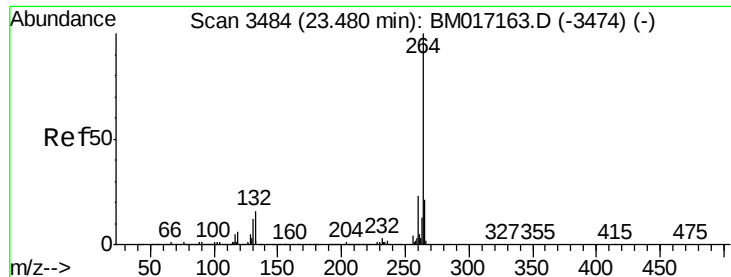
#85
 Di-n-octyl phthalate
 Concen: 5.588 ng
 RT: 22.03 min Scan# 3238
 Delta R.T. -0.03 min
 Lab File: BM017277.D
 Acq: 22 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	43.3	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: BM017277.D
Acq: 22 Oct 2018 13:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 264 Resp: 1546372

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.9	17.8	26.8

